LAX

DEC 2015

PROJECT ID: 7190-06-71
WITH: 7190-06-80/81

COUNTY: LA CROSSE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 796



N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ONALASKA-USH 53

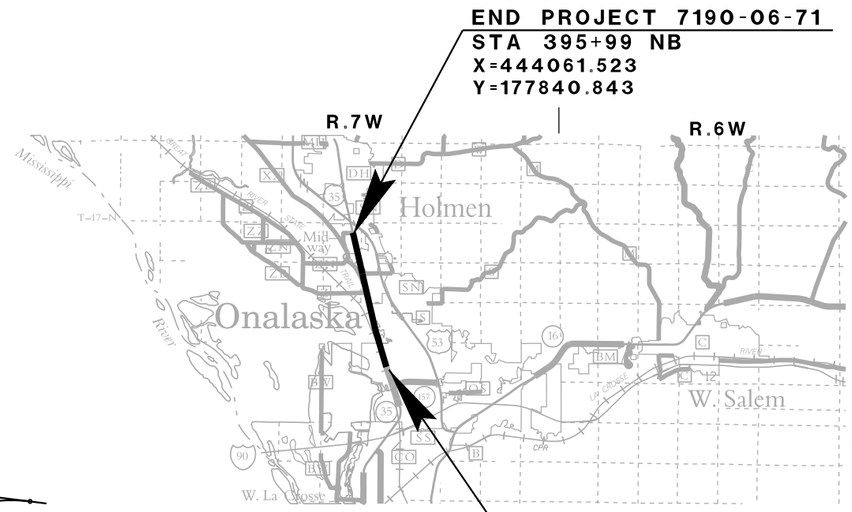
POPLAR ST TO USH 53

STH 35

LACROSSE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7190-06-71	WISC 2015639	1

STATE PROJECT NUMBER
7190-06-71



DESIGN DESIGNATION

A.A.D.T. 2014	=	14,333
A.A.D.T. 2034	=	17,175
D.H.V. 2034	=	1820
D.D.	=	58/42
T.	=	4.5%
DESIGN SPEED	=	50/60 MPH
ESALS	=	1,372,400

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

LAYOUT
SCALE 0 1.8 MI

TOTAL NET LENGTH OF CENTERLINE = 3.511 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), LA CROSSE COUNTY,NAD 83 (1997) ADJUSTMENT." VERTICAL DATUM NAVD 88 1991

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	DOT-SURVEY
Designer	DENNIS PARSLEY
Project Manager	TODD WALDO
Regional Examiner	
Regional Supervisor	REINY YAHNKE
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 8/3/2015 Todd Waldo (Signature)

E

DNR LIAISON

KAREN KALVELAGE
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
WEST CENTRAL REGION
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115

DESIGN CONTACTS

Todd Waldo
PROJECT MANAGER
WISDOT SW REGION
3550 Mormon Coulee Road
La Crosse WI 54603
608-785-9462
todd.waldo@dot.wi.gov
Dennis Parsley
PROJECT DESIGNER
WISDOT SW REGION
3550 Mormon Coulee Road
La Crosse WI 54603
608-785-9962
dennis.parsley@dot.wi.gov

STANDARD ABBRIVIATIONS

AC	ACRE
AGG	AGGREGATE
<	ANGLE
AE, AEW	APRON ENDWALL
ASPH.	ASPHALTIC
A.D.T.	AVERAGE DAILY TRAFFIC
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC
B.F.	BACK FACE
BM	BENCHMARK
BTWN	BETWEEN
CTR.	CENTER
C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
C.E.	COMMERCIAL ENTRANCE
CONST.	CONSTRUCTION
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CO.	COUNTY
CTH	COUNTY TRUNK HIGHWAY
CR.	CREEK
CABC	CRUSHED AGGREGATE BASE COURSE
CY	CUBIC YARD
CP	CONTROL POINT OR CULVERT PIPE
C&G	CURB AND GUTTER
D	DEGREE OF CURVE
D.H.V.	DESIGN HOURLY VOLUME
DIA.	DIAMETER
D.D.	DIRECTIONAL DISTRIBUTION
DISCH.	DISCHARGE
DMS	DYNAMIC MESSAGE SIGN
EA	EACH
E	EAST
EB	EASTBOUND
ELEC.	ELECTRIC(AL), ELEC. CABLE
EL., ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC.	EXCAVATION
EXIST	EXISTING
F.F.	FACE TO FACE
FERT.	FERTILIZER
F.E.	FIELD ENTRANCE
F/L, F.L.	FLOW LINE
GALV.	GALVANIZE
H.S.	HIGH STRENGTH
CWT	HUNDRED WEIGHT
INL	INLET
INTER.	INTERSECTION
IH	INTERSTATE HIGHWAY
JT.	JOINT
LT	LEFT
L.H.F.	LEFT HAND FORWARD
L.	LENGTH OF CURVE
L.F.	LINEAR FOOT(FEET)
LC.	LONG CHORD
LS	LUMP SUM
M.P.	MARKER POST
MGAL	1000 GALLONS
N.C.	NORMAL CROWN
N	NORTH
NB	NORTHBOUND
NOR	NORMAL
NO.	NUMBER
PAV'T	PAVEMENT
P.L.E.	PERMANENT LIMITED EASEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
P.E.	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
P.L.	PROPERTY LINE
R	RADIUS OR RANGE
R/L	REFERENCE LINE
R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
REQ'D	REQUIRED
RT	RIGHT
R.H.F.	RIGHT HAND FORWARD
R/W	RIGHT OF WAY
RD.	ROAD
SHLD.	SHOULDER(S)
SHR.	SHRINKAGE
S	SOUTH
SB	SOUTHBOUND
S.F.	SQUARE FOOT (FEET)
SDD	STANDARD DETAIL DRAWING(S)
STH	STATE TRUNK HIGHWAY
STA.	STATION
S.E.	SUPERELEVATION
SI	SLOPE INTERCEPT
S/L	SURVEY LINE
SYM	SYMMETRICAL
T.	PERCENT TRUCKS
TEL.	TELEPHONE
TEMP.	TEMPORARY
T.L.E.	TEMPORARY LIMITED EASEMENT
T.O.C.	TOP OF CURB
TYP	TYPICAL
UNCL.	UNCLASSIFIED
U.G.	UNDERGROUND (CABLE)
VAR	VARIABLE
V.C.	VERTICAL CURVE
V.P.C.	VERTICAL POINT OF CURVATURE
V.P.I.	VERTICAL POINT OF INTERSECTION
V.P.T.	VERTICAL POINT OF TANGENCY
Wt.	WEIGHT
W	WEST
WB	WEST BOUND

UTILITY CONTACTS

Brian Stelplugh
CenturyLink - Communication Line
333 N Front St
P.O. Box 4800
La Crosse, WI 54602
(608) 796-5142 (Office)
(608) 780-1238 (Mobile)
Brian.stelplugh@centurytel.com

Perry McClellan
Charter Communications - Communication Line
1228 12th Ave S
PO Box 279
Onalaska WI 54650
(715) 370-7140
Perry.mcclellan@charter.com

Kevin Schubert
City of Onalaska
Sewer/Road Facility/Street Lighting/Water
415 Main St
Onalaska, WI 54650
(608) 781-9537 (Office)
(608) 769-6061 (Mobile)
kschubert@cityofonalaska.com

Kurt Childs
Dairyland Power Cooperative - Electricity
3200 East Ave S
P.O. Box 817
La Crosse, WI 54602
(608) 788-4000 (Office)
(608) 792-3358 (Mobile)
kdc@dairynet.com

Tim Holtan
Riverland Energy Cooperative - Electricity
N28988 State Road 93
P.O. Box 277
Arcadia, WI 54612-0277
(608) 323-3381 (Office)
(608) 797-0102 (Mobile)
tholtan@riverlandenergy.com

Dean Olson
Village of Holmen – Sewer/Water
605 Empire St
Holmen, WI 54636
(608) 526-3513 (Office)
(608) 526-4357 (Mobile)
dolson@holmenwi.com

Jim Kostuch
Windstream NTI - Communication Line
13935 Bishops Drive
Brookfield, WI 53005
(262) 792-7938
james.kostuch@windstream.com

Bruce Zemke
Xcel Energy - Electricity-transmission
414 Nicollet Mall, MP8-C
Minneapolis MN 55401
(612) 330-7815 (Office)
(651) 214-2620 (Mobile)
Bruce.m.zemke@xcelenergy.com

Scott Roberts
Xcel Energy - Electricity
3215 Commerce St
La Crosse WI 54603
(608) 789-3625 (Office)
(608) 518-0806 (Mobile)
Scott.w.roberts@xcelenergy.com

Dan Marti
Xcel Energy - Gas/Petroleum
3215 Commerce St
La Crosse WI 54603
(608) 789-3647 (Office)
Daniel.r.marti@xcelenergy.com

Dawn Schultz
Xcel Energy – Office Contact
1414 W Hamilton Ave
P.O. Box 8
Eau Claire, WI 54702-0008
(715) 737-2482
dawn.schultz@xcelenergy.com

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES.

D.O.T. BRIDGE BENCHMARK MONUMENT TO BE FURNISHED BY THE STATE AND PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

RIGHT OF WAY LINES SHOWN ON THE CROSS SECTIONS ARE APPROXIMATE.

ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.

CONSTRUCT INSIDE EDGE OF SIDEWALK 1/2 INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAY SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER PIPE IN DRIVEWAY AREA IS INSTALLED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

PRIOR TO THE PLACEMENT OF STEEL PLATE BEAM GUARD OR MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

ASPHALT MATERIAL FOR PLANT MIXES HAS BEEN ESTIMATED AT 5.5% OF THE HMA PAVEMENT.

4.75 INCH HMA PAVEMENT TYPE E-0.3, SHALL BE CONSTRUCTED WITH 2 INCH UPPER LAYER AND 2.75 INCH LOWER LAYER.
2.5 INCH HMA PAVEMENT TYPE E-0.3 SHALL BE CONSTRUCTED IN A SINGLE LAYER.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

TOPSOIL SHALL BE PLACED 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS.

THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, MULCHED, COVERED WITH EROSION MAT OR SODDED AS DIRECTED BY THE ENGINEER.

FOR FRONTAGE/LOCAL ROAD CONSTRUCTION AS SHOWN IN PLANS, PLACE 2.5 INCH OF HMA PAVEMENT TYPE E-0.3 OVER 6 INCH BASE AGGREGATE DENSE 1 ¼ INCH.

THE EXACT LOCATION OF PRIVATE AND COMMERCIAL ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

ARCHAEOLOGY NOTE ON TOP SOIL SALVAGE: TOP SOIL REMOVAL BY CONTRACTOR ALONG RIGHT OF WAY NEAR DESIGNATED ARCHAEOLOGICAL SITES IS RESTRICTIVE. NO STOCK PILE OR MACHINERAY IS TO GO BEYOND SAFETY FENCE DELINEATING EACH ARCHAEOLOGICAL SITE. ARCHAEOLOCICAL SITES NOTED ON PLAN AND PROFILE SHEETS.

ASSOCIATED CONTRACTS 7190-06-80 AND 7190-06-81 REQUIRED COORDINATION OF CONSTRUCTION TO PREVENT REMOVAL OR DISTURBANCE OF CONTRACT ITEMS. CONTRACTOR IS TO CROSS CHECK PLANS TO ENSURE CONTRACT ITEMS ARE NOT DELAYED.

2

ONALASKA

SOUTH SCENIC OVERLOOK

NORTH SCENIC OVERLOOK
REFERENCE LINE-OL NORTH

BEGIN PROJECT
STA 210+35 NB

SB/RL

NB/RL

QUINCY ST.

ROYAL ST.

WALL F

SPRUCE ST. SOUTH

TROY ST.

WALL A

SCHNICK RD.

WALL B

WALL C

KRAMER RD.

SUNSET VISTA ROAD

MATCHLINE 'A'
272+00.0 NB

MATCHLINE 'A'
272+00.0 NB

① TO PARKING AREA

"OBLITERATING OLD ROAD"
LOCATION OF
SUNSET VISTA ROAD

① RECONSTRUCTED ROADWAY/ALIGNMENT TO COUNTY PARKING LOT
② REMOVE EXISTING CONNECTION TO STH 35
③ ROADWAY HAS NEW ALIGNMENT AND IS ALIGNED WITH EVERGREEN WAY
④ RELOCATED PINE VIEW WITH NEW CONNECTION TO STH 35
⑤ EXISTING ROADWAY SEGMENT MODIFIED WITH ACCESS TO STH 35 REMOVED

R-32-0058

RELOCATED CTH 'Z' TO
ALIGN WITH HILLTOP ROAD

STA 331+03.0 NB
MATCH INTO EXISTING
ISLAND AND PAVEMENT

RELOCATED
DRIVEWAY
ACCESS

SB/RL

NB/RL

CTH 'Z' ②

RIDERS CLUB RD.

WALL D

ROUNDABOUT
LOCATIONS

MASON ST.

HILL TOP RD.

WESTVIEW DR.

CLOVERDALE RD.

PENNY LANE

CTH 'OT'
SIGNALS

MATCHLINE 'B'
340+00.0 NB

STA 342+50.0 NB
MATCH INTO EXISTING
ISLAND AND PAVEMENT

ULMAN ST.

B-32-0009
EXTENSION

SCOTT DR.

WALL E

RYAN AVE.

EVERGREEN WAY

PINEVIEW DR. ④

CTH 'OT' NORTH

RIGHT TURN BAY
PLACEMENT

END PROJECT
395+99 NB

CUL-DE-SAC ⑤

SB RL

NB RL

MATCHLINE 'B'
340+00.0 NB

HACKBERRY ST.

SPRUCE ST. NORTH

SPRING LANE

WALDEN PLACE ③

NORTH COURT

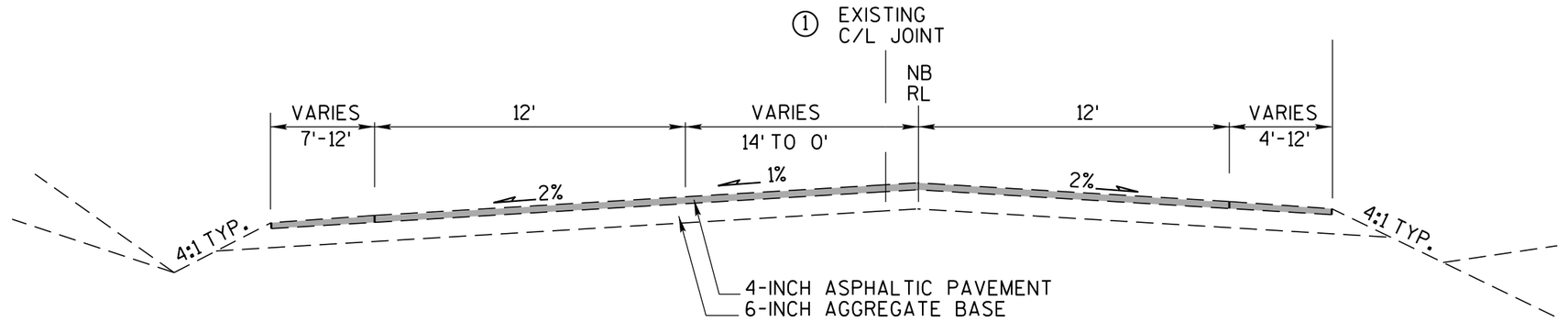
SAND LAKE
COULEE CREEK

TO USH 53
INTERCHANGE

HOLMEN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROJECT OVERVIEW	SHEET	E

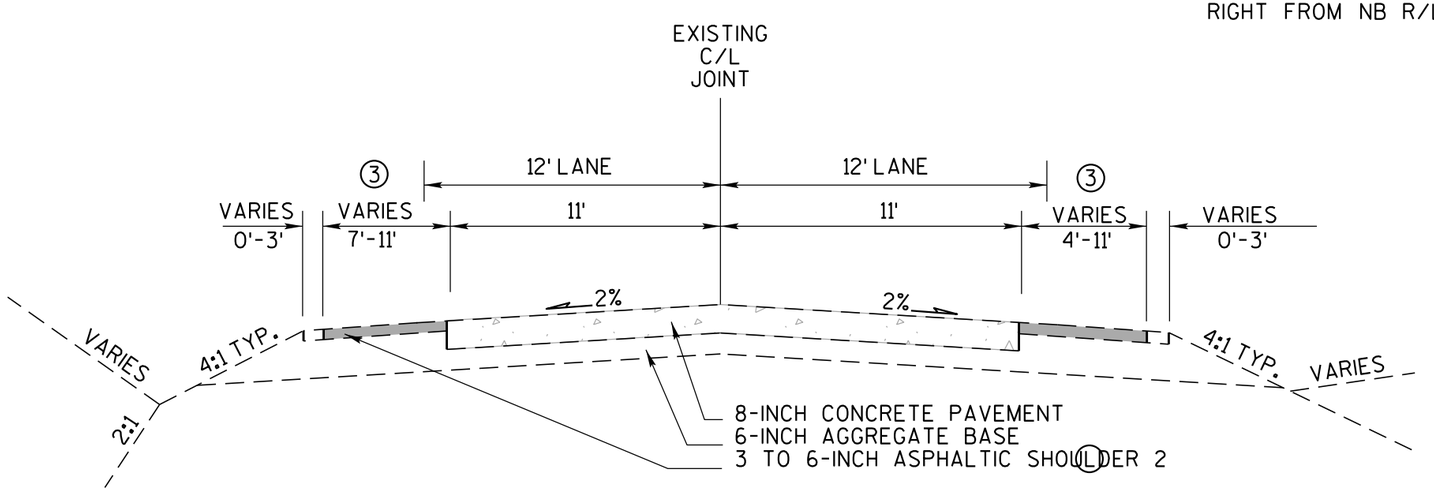
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WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION

STA 210+35 TO STA 213+50

① AT STA 213+50 EXISTING C/L JOINT IS LEFT 0.65' OF NB R/L. EXISTING C/L JOINT VARIES LEFT AND RIGHT FROM NB R/L



TYPICAL EXISTING SECTION

STA 213+50 TO STA 324+75 ④ (FROM QUINCY TO CTH OT SIGNALS)
STA 348+60 TO STA 385+05 ④ (FROM CTH OT SIGNALS TO USH 53)

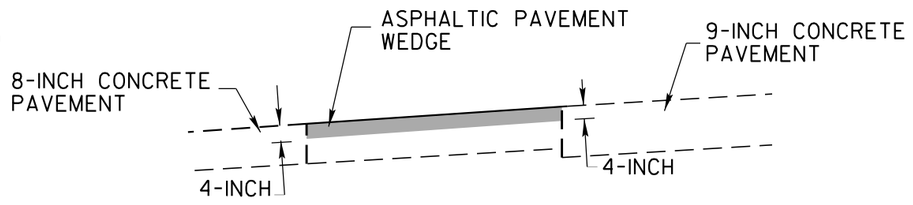
② 1-FOOT SECTION OF SHOULDER INCLUDED IN MARKED TRAVEL LANE

③ SHOULDER WIDENS AT INTERSECTIONS FOR RIGHT TURN BAY OR BY-PASS LANE.

④ FROM STA 323+75 TO STA 324+75 AND FROM STA 348+60 TO STA 349+55, PAVEMENT TRANSITION FROM PRIOR PROJECT IS AS SHOWN AT RIGHT:

EXISTING APPROACH TRANSITIONS

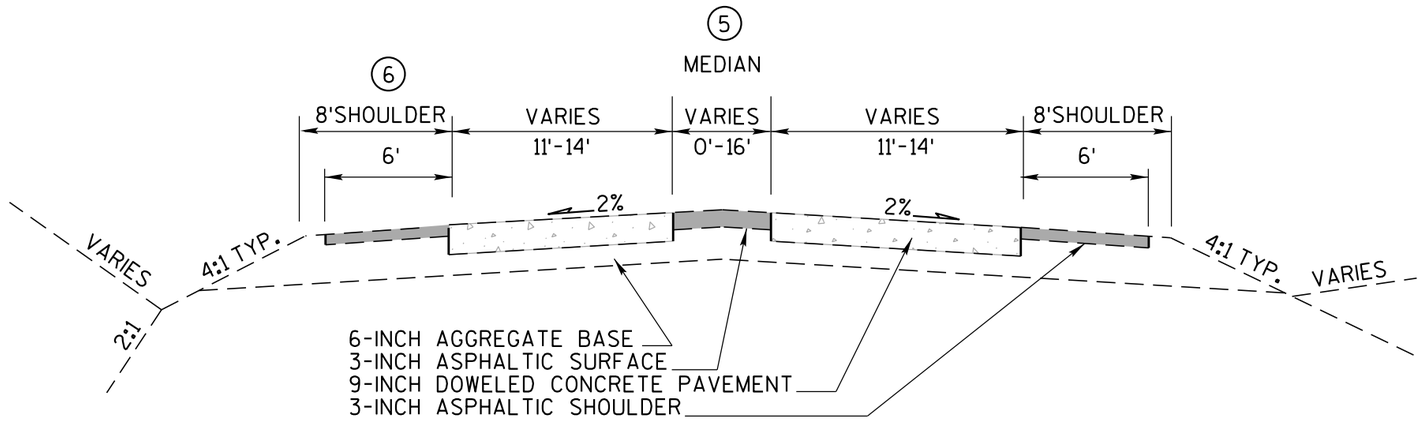
(CTH OT CONCRETE PAVEMENT AT SIGNALS)



STATIONS 323+75 TO 324+75
STATIONS 348+60 TO 349+55

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EXISTING TYPICAL SECTIONS	SHEET	E

2



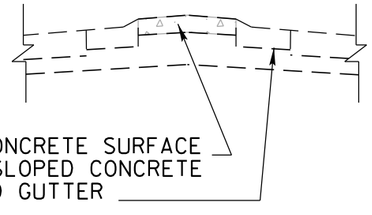
TYPICAL EXISTING SECTION

(CTH OT SIGNALS INTERSECTION)
STA 324+75 TO STA 331+03
STA 342+50 TO STA 348+60

(5) SEE MEDIAN CURBED SECTION DIAGRAM FOR VARIATION IN LAYOUT

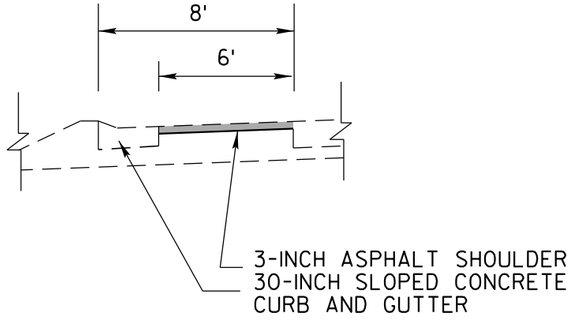
(6) SEE SHOULDER CURB SECTION DIAGRAM FOR VARIATION IN LAYOUT

(5) MEDIAN CURBED SECTION



STA 329+55 TO STA 331+03
STA 342+50 TO STA 344+05

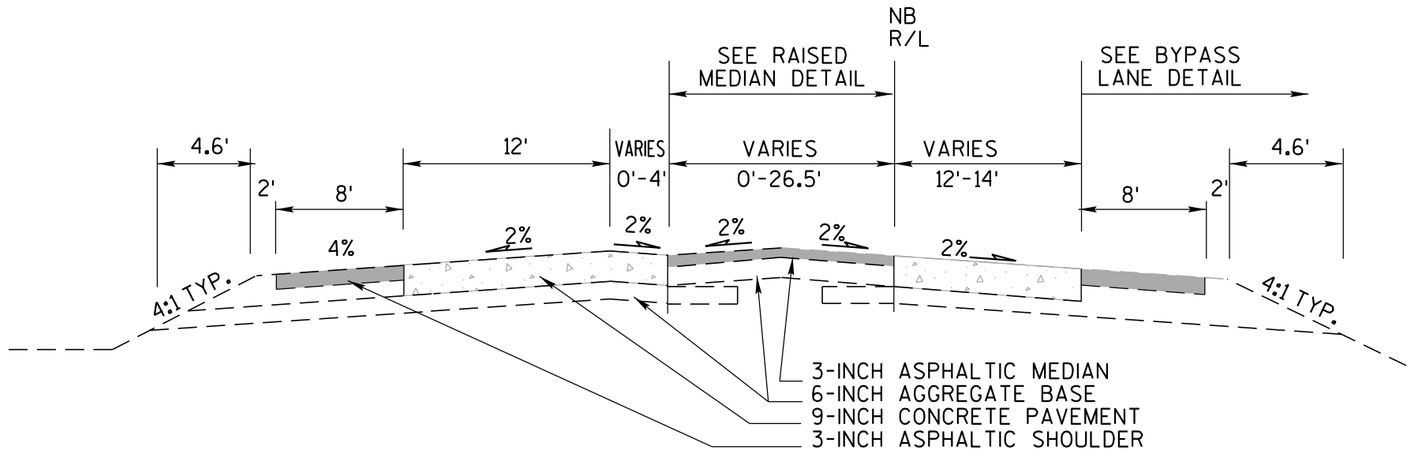
(6) SHOULDER CURB SECTION



STA 345+35 TO STA 348+60
NB AND SB LANES

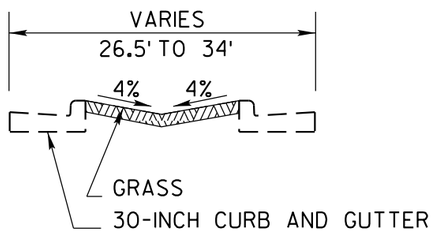
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EXISTING TYPICAL SECTIONS	SHEET	E

2



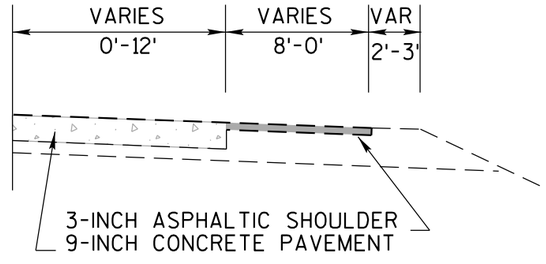
TYPICAL EXISTING SECTION

STA 385+05 TO STA 392+62.0



EXISTING RAISED MEDIAN DETAIL

STA 392+62 TO STA 395+99.0

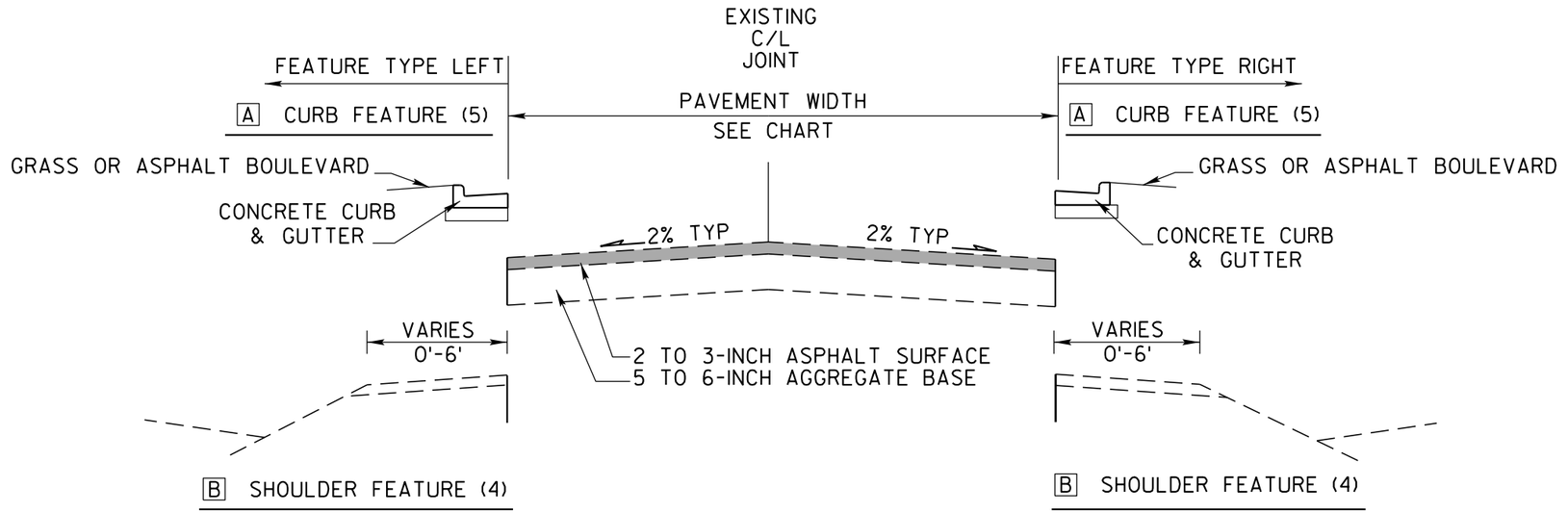


EXISTING BYPASS LANE DETAILS

STA 385+20 TO 392+30

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EXISTING TYPICAL SECTIONS	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\020303_ts.dgn PLOT DATE : 28-JUL-2015 08:16 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 300:1
WISDOT/CADDS SHEET 42

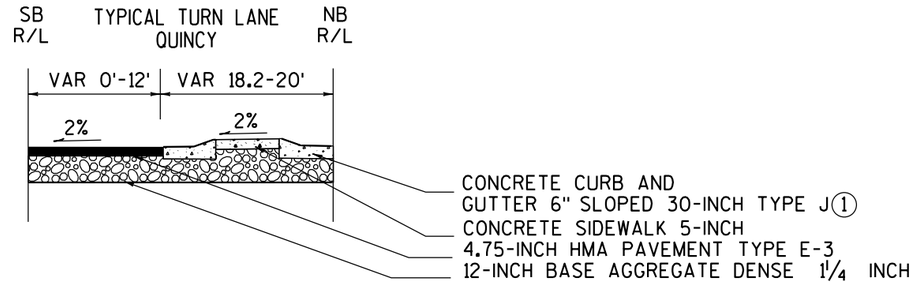


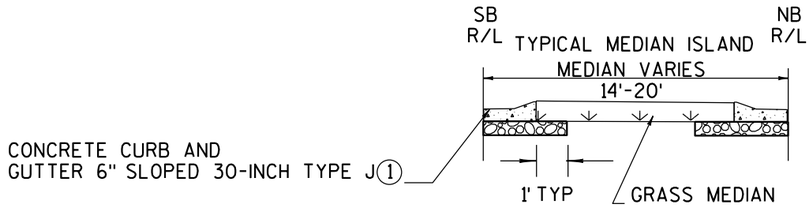
R/L DESIGNATION	ROAD	PAV'T WIDTH (FT)(2)	FEATURE TYPE-RIGHT OR LEFT OF R/L	
			RT	LT
Q	QUINCY	36	A-GRASS	A-GRASS
R	ROYAL	32	A-GRASS/ASPHALT	A-GRASS
S	SPRUCE (SOUTH)	36	A-GRASS	A-GRASS
T	TROY	32	A-ASPHALT	A-GRASS
SR	SCHNICK	22	B-AGGREGATE	B-AGGREGATE
KS	KRAMER/SUNSET VISTA(1)	16/22	B-AGGREGATE	B-AGGREGATE
RS	RIDERS CLUB/SUNSET VISTA	38/22	A-GRASS WITH SIDEWALK/B-AGGREGATE	A-GRASS/B-AGGREGATE
F	FISHERMANS	20	B-AGGREGATE	B-AGGREGATE
M	MASON	49	A-GRASS	A-GRASS WITH SIDEWALK
ZH	CTH Z/HILLTOP(1)	24/28	B-ASPHALT SHOULDER/B-AGGREGATE	B-AGGREGATE/B-AGGREGATE
W	WEST VIEW	28	B-AGGREGATE	B-AGGREGATE
C	CLOVERDALE	22	B-AGGREGATE	B-AGGREGATE
PL	PENNY LANE	45	A-GRASS	A-GRASS
US	ULMAN/SPRUCE(1)	28/28	B-AGGREGATE/B-AGGREGATE	A-GRASS/B-AGGREGATE
SD	SCOTT(3) DRIVE	30	B-AGGREGATE	B-AGGREGATE
SL	SPRING LANE	28	B-AGGREGATE	B-AGGREGATE
EW	EVERGREEN/WALDEN(1)	30/36	B-AGGREGATE/B-AGGREGATE	B-AGGREGATE/B-AGGREGATE
NC	NORTH COURT	32	NO SHOULDER/GRASS-LAWN	B-AGGREGATE
PD	PINE VIEW DRIVE	24	B-AGGREGATE	B-AGGREGATE
CS	CUL-DE-SAC	24	B-AGGREGATE	B-AGGREGATE

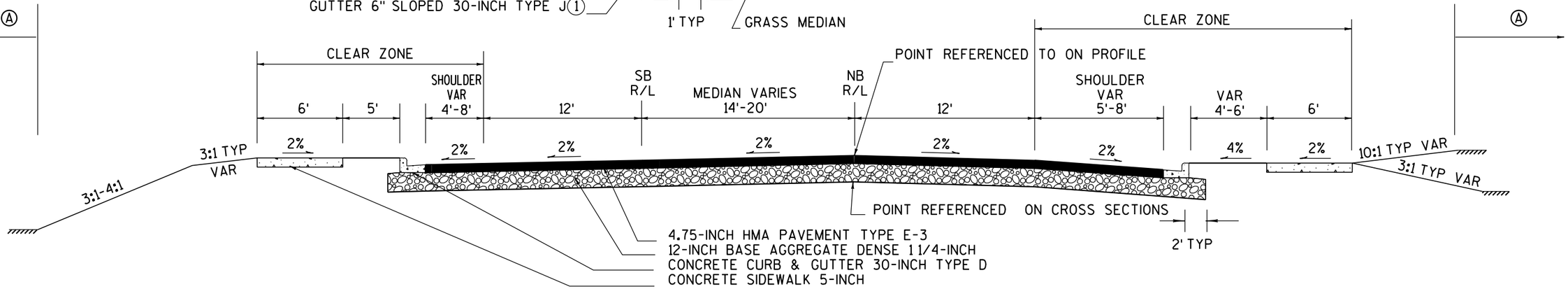
(1) REALIGNED ROADWAYS. ONE DESIGNATED ALIGNMENT INTERSECTING STH 35.
(2) REALIGNED ROADWAY PAVEMENTS ARE SHOWN WITH TWO WIDTHS FOR EACH REALIGNED INTERSECTING ROADWAY.
(3) ROADWAY DIRECTLY TRANSITIONS TO A "Y" SECTION.
(4) PAVED SHOULDER WITH AGGREGATE OR AGGREGATE ONLY.
(5) SIDEWALK WIDTH BEHIND CURB IS 5' TO 6'.
(6) ASPHALT PAVEMENT TRANSITIONS TO AGGREGATE SURFACE. ASPHALT PAVEMENT IS 1-INCH IN DEPTH.

TYPICAL EXISTING SIDE ROAD SECTION

2







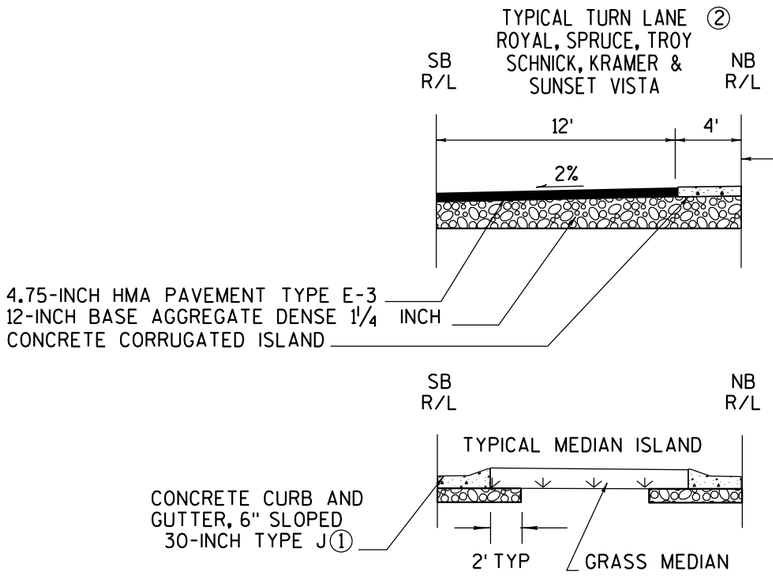
PROPOSED TYPICAL SECTION

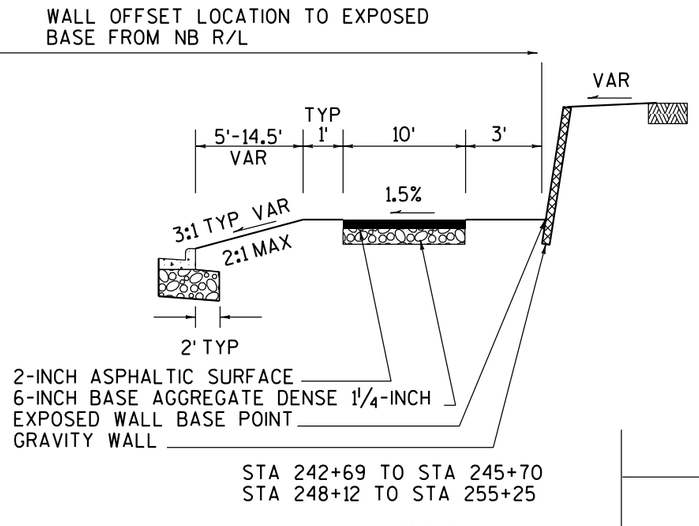
STA 210+35 TO STA 220+06
(1) REVERSE SLOPE CURB AND GUTTER UNLESS OTHERWISE INDICATED

Ⓐ
LIMITS OF SALVAGED TOPSOIL, SEED, FERTILIZER, EROSION MAT, AND LAWN SOD, 2' BEYOND SLOPE INTERCEPTS.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS	SHEET	E

2

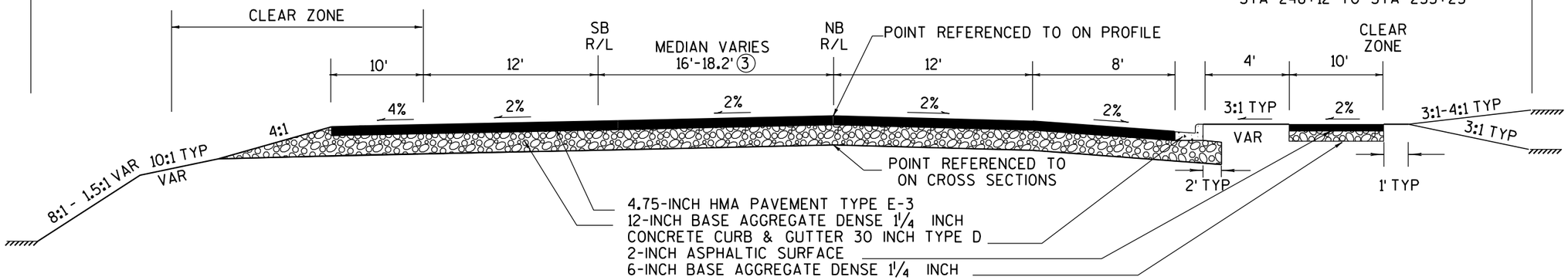




Ⓐ

STA 242+69 TO STA 245+70
STA 248+12 TO STA 255+25

Ⓐ



PROPOSED TYPICAL SECTION

STA 220+06 TO STA 258+00

① REVERSE SLOPE CURB AND GUTTER UNLESS OTHERWISE INDICATED

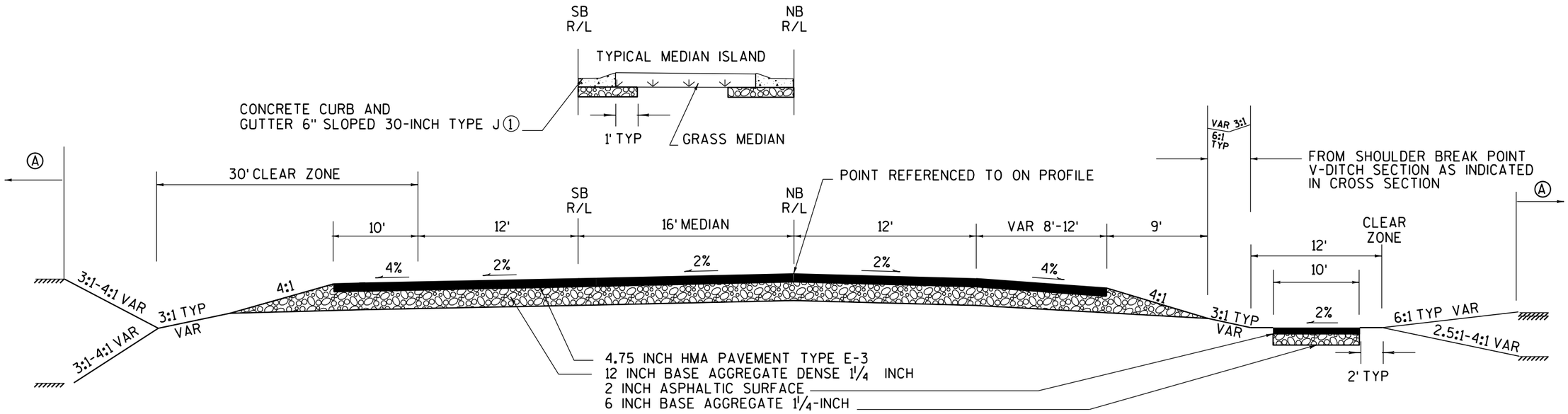
② ADJUST ISLAND AND TURN LANE LOCATION TO MATCH CONDITIONS

③ 16' MEDIAN WIDTH AT SB TAPER POINT OF 221+75.0

Ⓐ

LIMITS OF SALVAGED TOPSOIL, SEED, FERTILIZER, EROSION MAT, AND LAWN SOD, 2' BEYOND SLOPE INTERCEPTS.

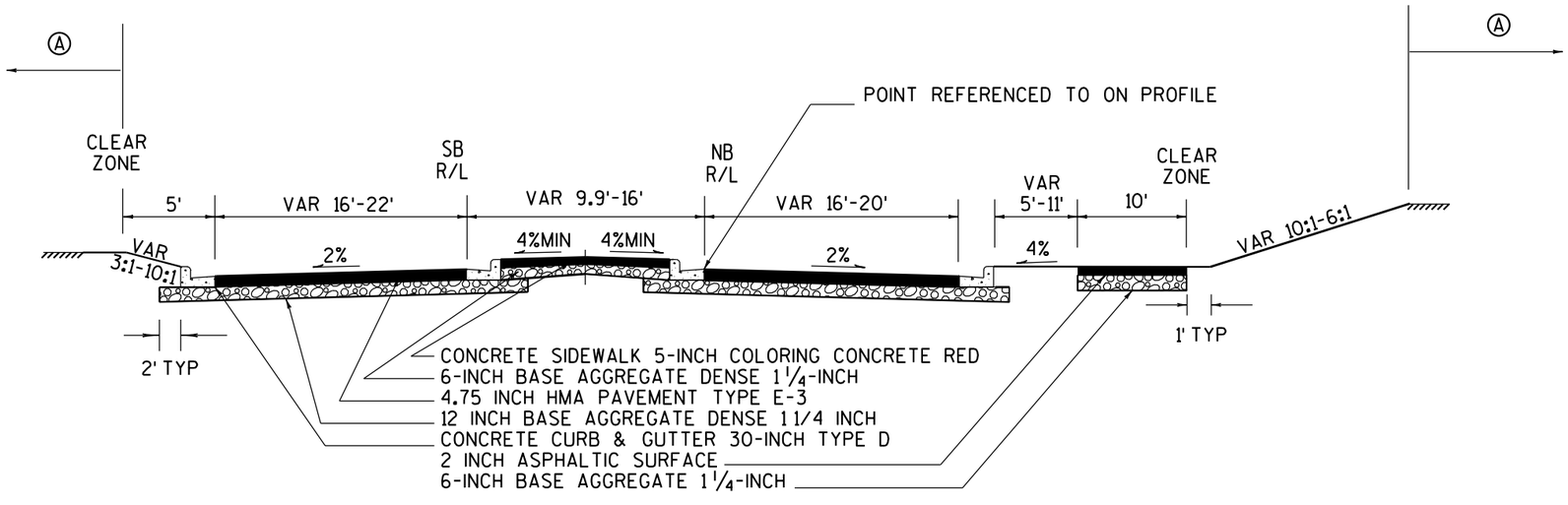
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS	SHEET	E



PROPOSED TYPICAL SECTION

STA 258+00 TO STA 273+15

① REVERSE SLOPE CURB AND GUTTER UNLESS OTHERWISE INDICATED



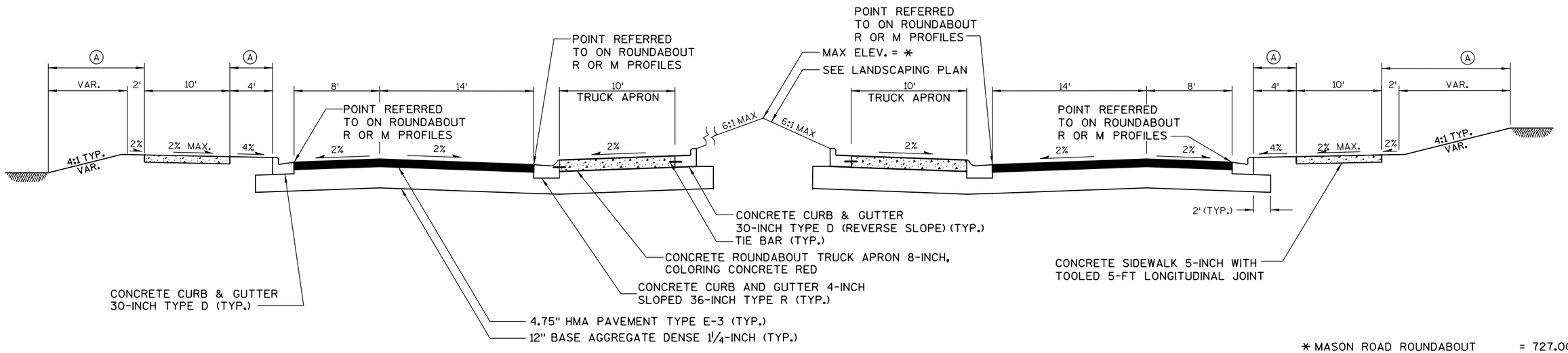
PROPOSED TYPICAL SECTION

STA 273+15 TO STA 275+00

Ⓐ

LIMITS OF SALVAGED TOPSOIL, SEED, FERTILIZER, EROSION MAT, AND LAWN SOD, 2' BEYOND SLOPE INTERCEPTS.

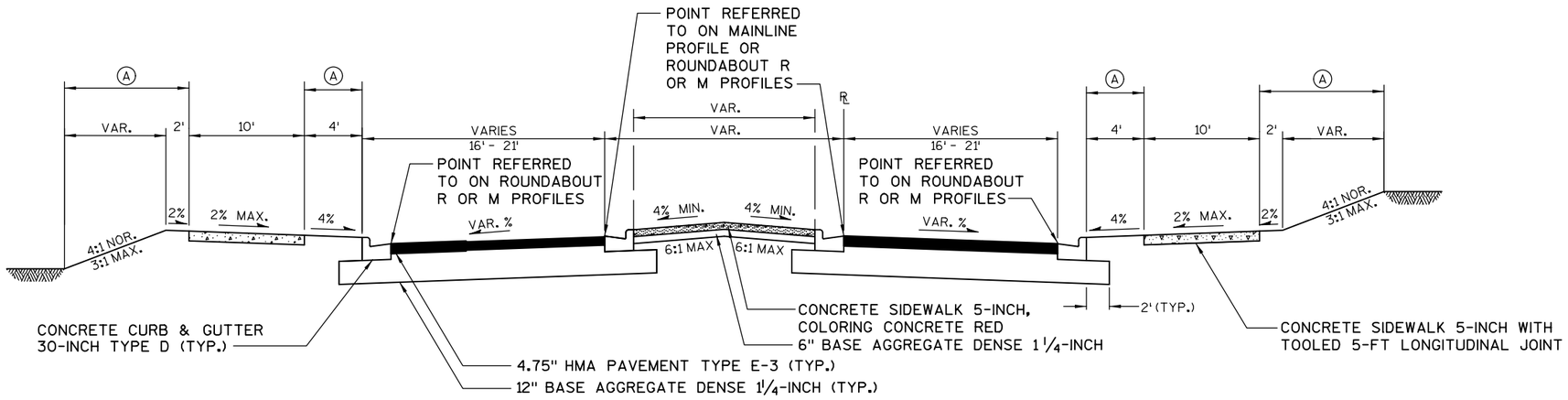
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS	SHEET	E



* MASON ROAD ROUNDABOUT = 727.00
RIDERS CLUB ROAD ROUNDABOUT = 729.50

TYPICAL FINISHED SECTION THROUGH ROUNDABOUT

STA 275+75 - STA 277+25
STA 286+60 - STA 288+00

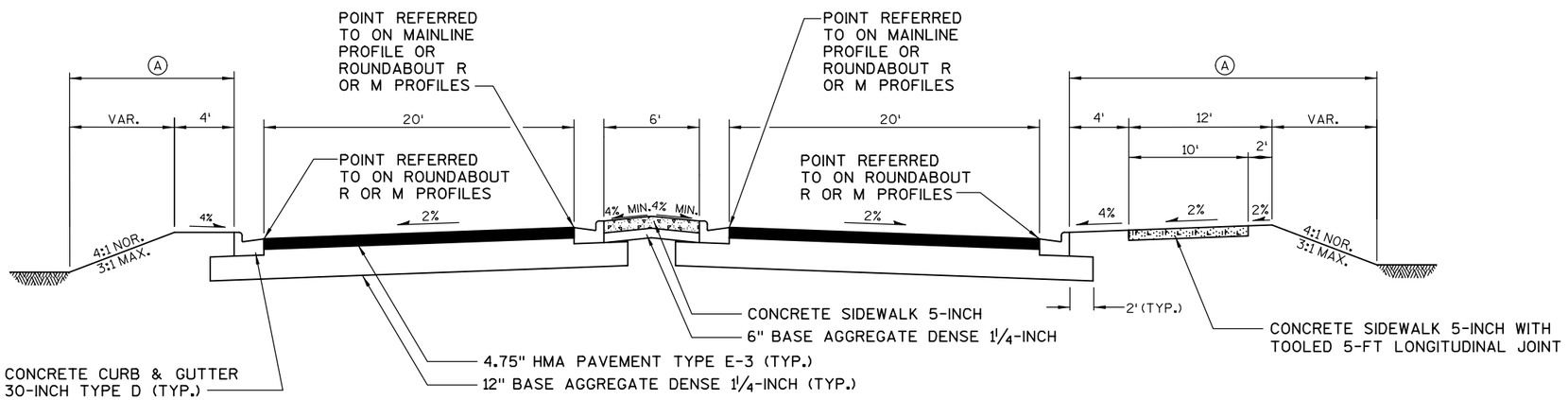


TYPICAL FINISHED SPLITTER ISLAND SECTION

STA 91+00 - STA 91+50
STA 151+00 - STA 151+45
STA 152+80 - STA 153+25
STA 275+00 - STA 275+75
STA 277+25 - STA 278+00
STA 285+50 - STA 286+60
STA 288+00 - STA 289+00

(A) SALVAGED TOPSOIL, MULCHING, SEEDING, AND FERTILIZER. SOD CAN BE USED IN PLACE OF SEED.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 12	E

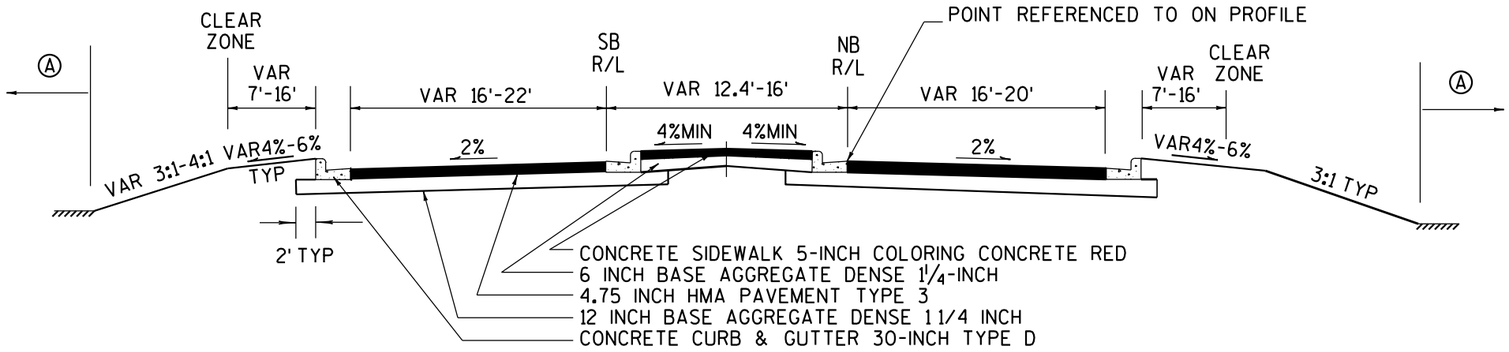


Ⓐ SALVAGED TOPSOIL, MULCHING, SEEDING, AND FERTILIZER. SOD CAN BE USED IN PLACE OF SEED.

TYPICAL FINISHED STH 35

STA 278+00 - STA 285+50

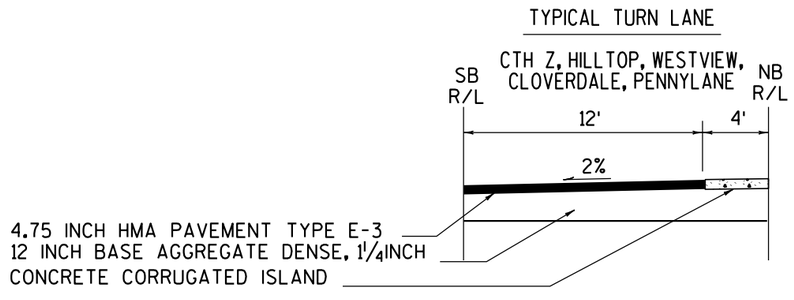
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 13	E

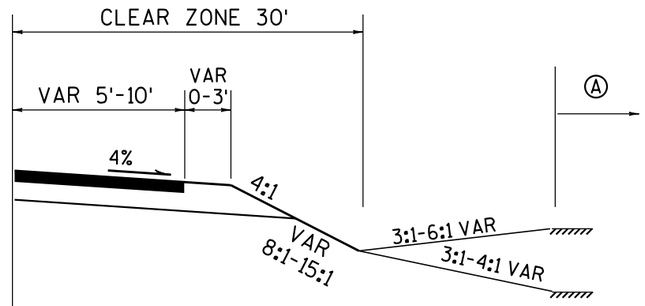


PROPOSED TYPICAL SECTION

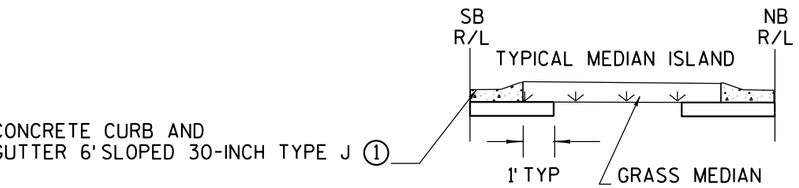
STA 289+00 TO STA 290+55

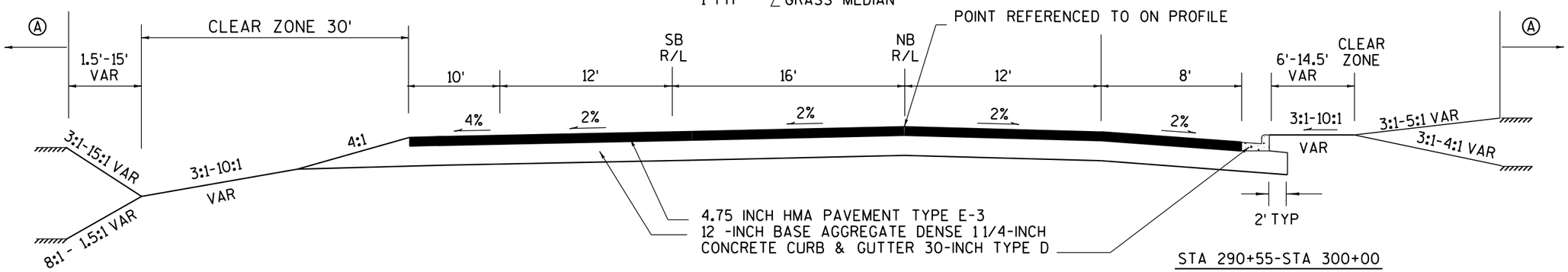
TYPICAL TURN LANE





STA 300+00-STA 331+05





STA 290+55-STA 300+00

PROPOSED TYPICAL SECTION

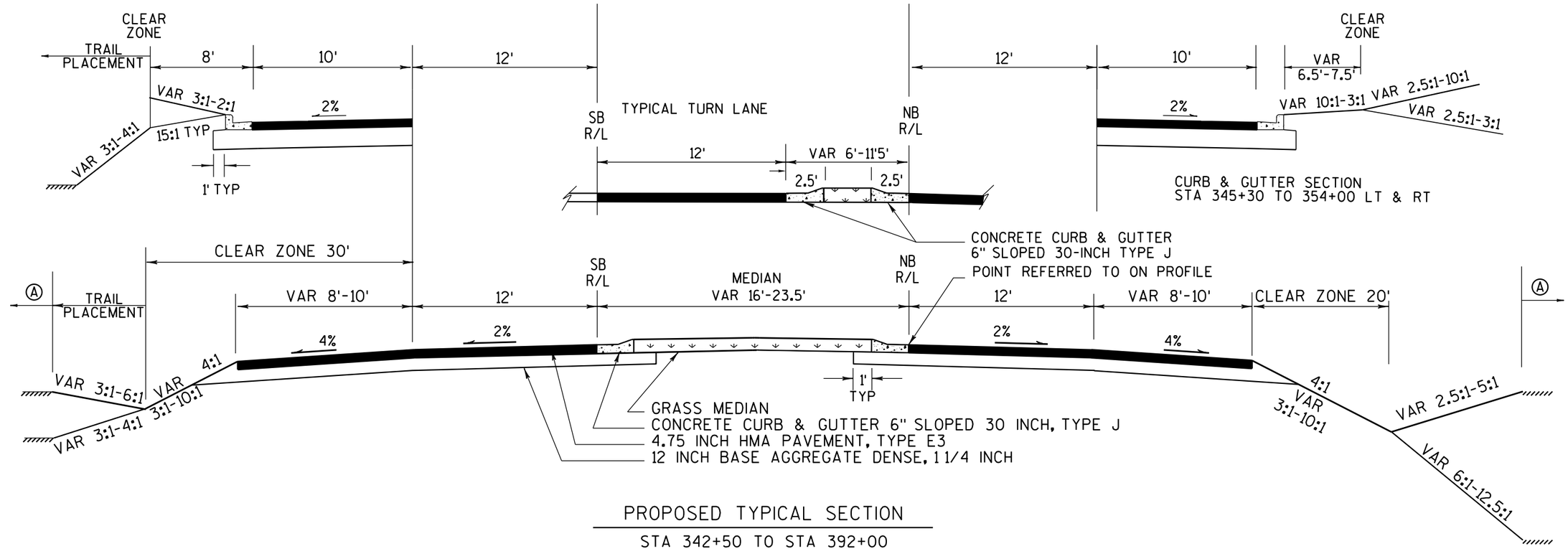
STA 290+55 TO STA 331+05

(1) REVERSE SLOPE CURB AND GUTTER UNLESS OTHERWISE INDICATED

Ⓐ LIMITS OF SALVAGED TOPSOIL, SEED, FERTILIZER, EROSION MAT, AND LAWN SOD, 2' BEYOND SLOPE INTERCEPTS.

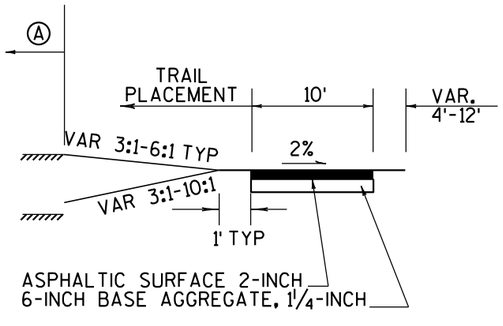
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS	SHEET	E

2



PROPOSED TYPICAL SECTION

STA 342+50 TO STA 392+00

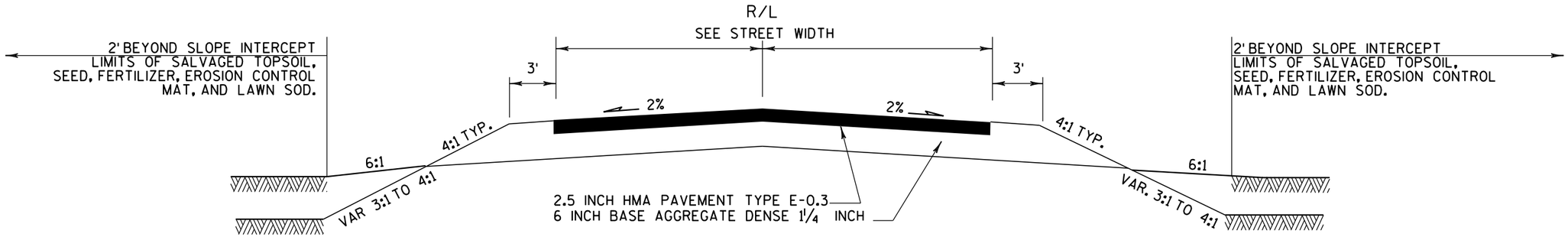


STA 337+00 TO STA 392+00

Ⓐ

LIMITS OF SALVAGED TOPSOIL, SEED, FERTILIZER, EROSION MAT, AND LAWN SOD, 2' BEYOND SLOPE INTERCEPTS.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS	SHEET	E

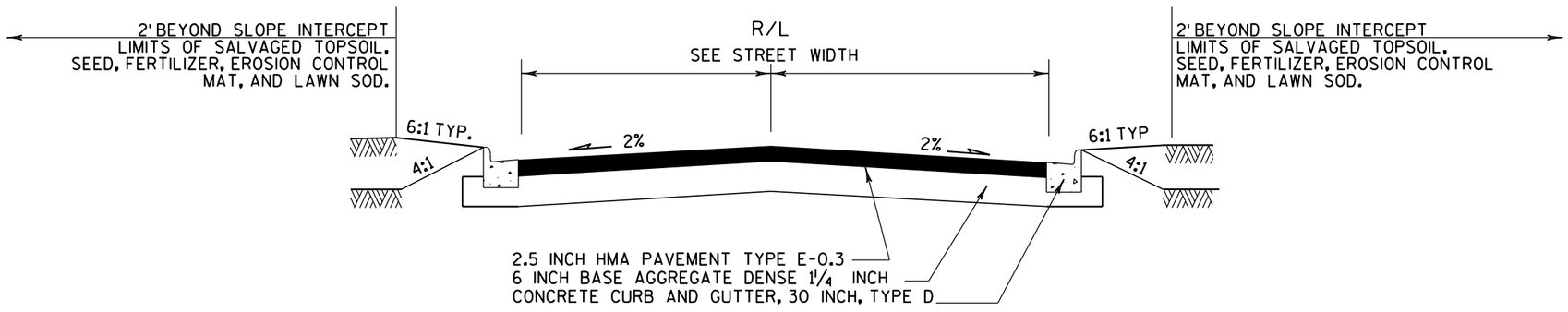


SCHNICK-36' (TAPER MATCH WIDTH=22')
KRAMER-30' (TAPER MATCH WIDTH=20')
SUNSET VISTA-30' (TAPER MATCH WIDTH=20')
FISHERMAN-24'
HILLTOP-30'
CTH Z-24'
WESTVIEW-28'
CLOVERDALE-20"

SPRUCE-28'
ULMAN-16'
SCOTT DRIVE-24'
SPRING LANE-28'
WALDEN-30'
EVERGREEN-30'
PINE VIEW-24'
CUL-DE-SAC-24'

PROPOSED TYPICAL SECTIONS

LOCAL STREETS



QUINCY-36'
ROYAL-32'
SPRUCE (SOUTH)-36'
TROY-32'

RIDERS CLUB ROAD-38'
MASON-49'
PENNY LANE-45'

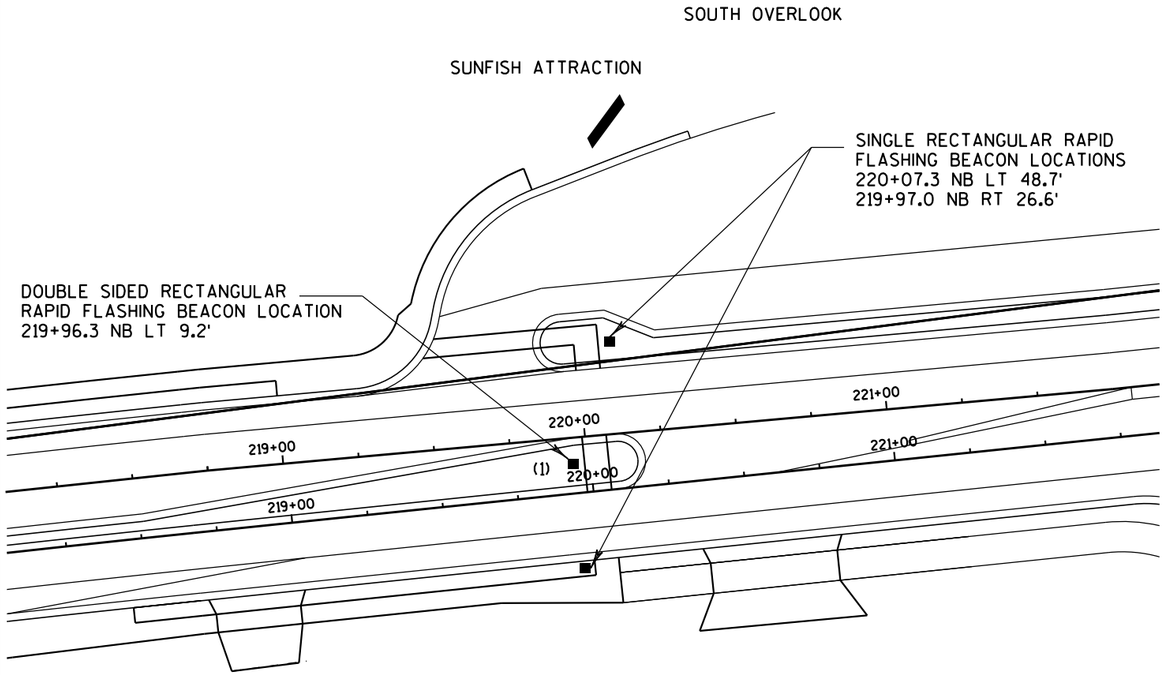
PROPOSED TYPICAL SECTIONS

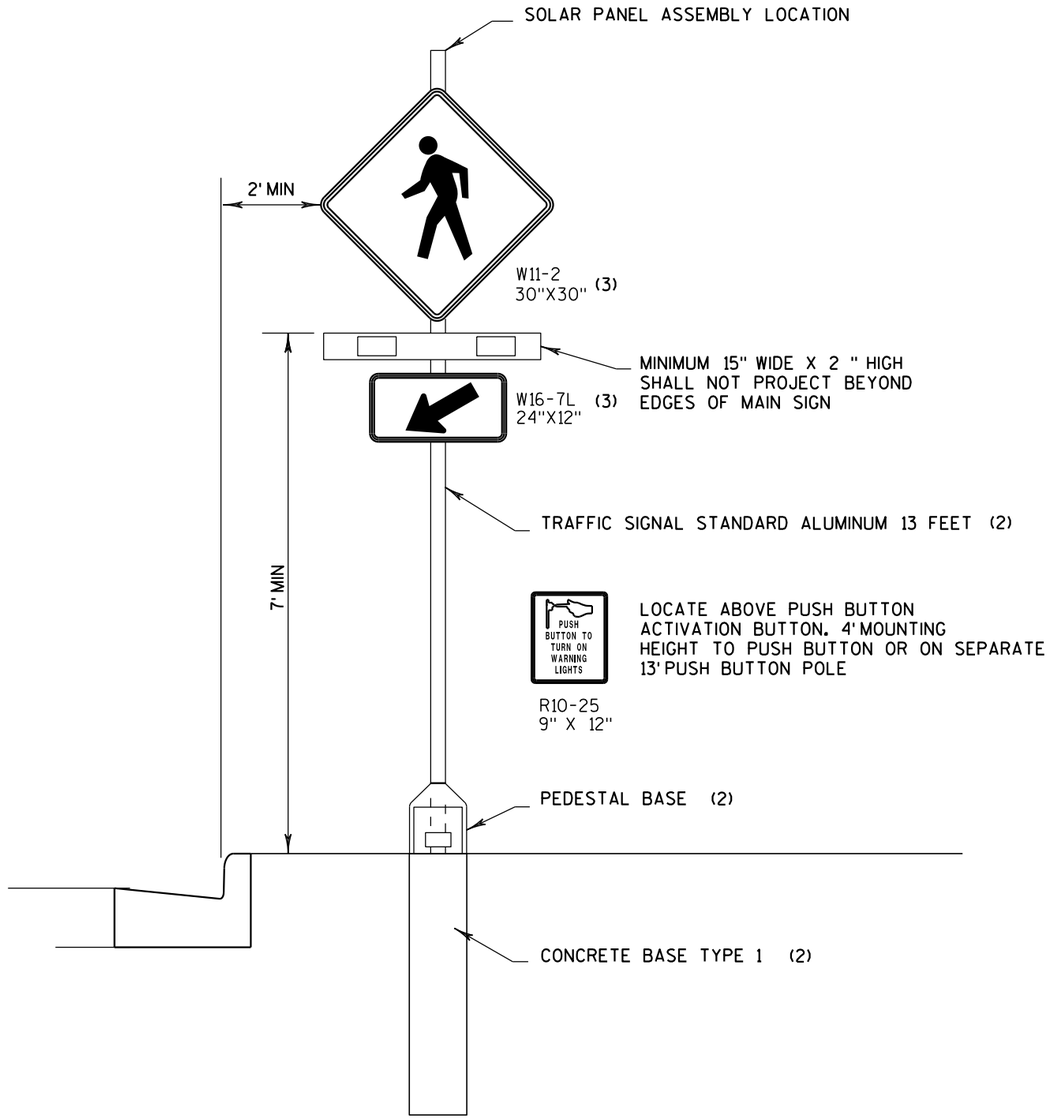
LOCAL STREETS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROPOSED TYPICAL SECTIONS, LOCAL STREETS	SHEET	E

RECTANGULAR RAPID FLASHING BEACON SYSTEM

SOUTH OVERLOOK PEDESTRIAN CROSSING





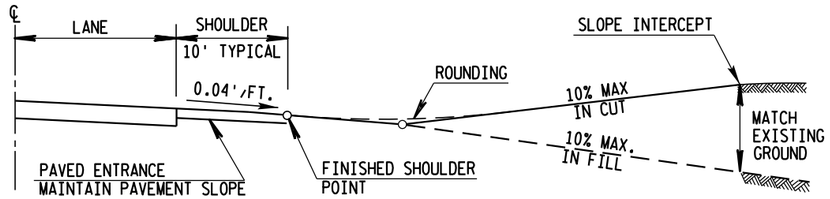
GENERAL NOTES:

(1) MEDIAN BEACON ASSEMBLY INSTALLED IN THE MEDIAN CENTER.

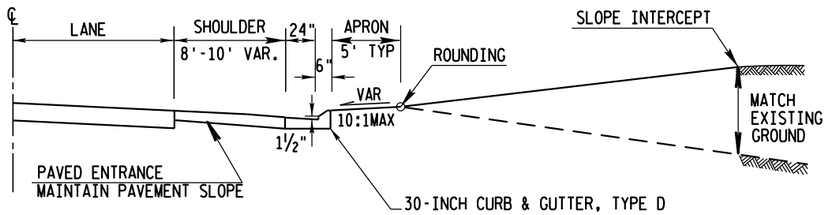
(2) ITEM TO MEET REQUIREMENTS OF SECTIONS 654 AND 657 OF THE CURRENT WISDOT STANDARD SPECIFICATIONS

(3) COORDINATE SIGN INSTALLATION WITH PROJECT ENGINEER. SIGNS W11-2, AND W16-7L ARE INCLUDED UNDER PROJECT SIGNING PLAN

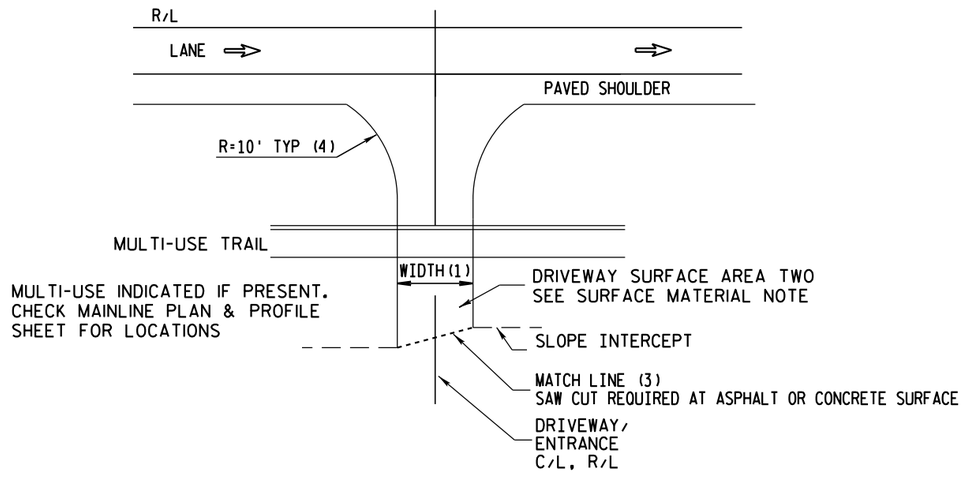
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS-RAPID FLASHING BEACON SYSTEM	SHEET	E



PAVED SHOULDER
PROFILE VIEW



CURB AND GUTTER SHOULDER
PROFILE VIEW



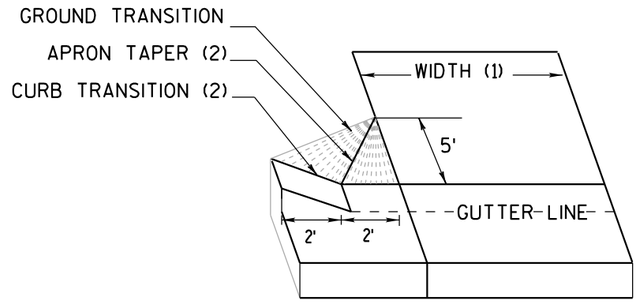
PAVED SHOULDER DRIVEWAY INTERSECTION DETAIL
PLAN VIEW

IF TRAIL IS PRESENT:
a) PLACE SURFACE MATERIAL AS INCICATED IN NOTE (7) EXCEPT FOR AGGREGATE DRIVEWAYS. SURFACE BETWEEN PAVED SHOULDER AND TRAIL (AREA ONE) IS TO BE ASPHALT.
b) IF CONCRETE DRIVEWAY IS AREA TWO, PLACE CONCRETE DRIVEWAY 6-INCH FOR AREA ONE AND TRAIL SEGMENT WIDTH FOR DRIVEWAY.

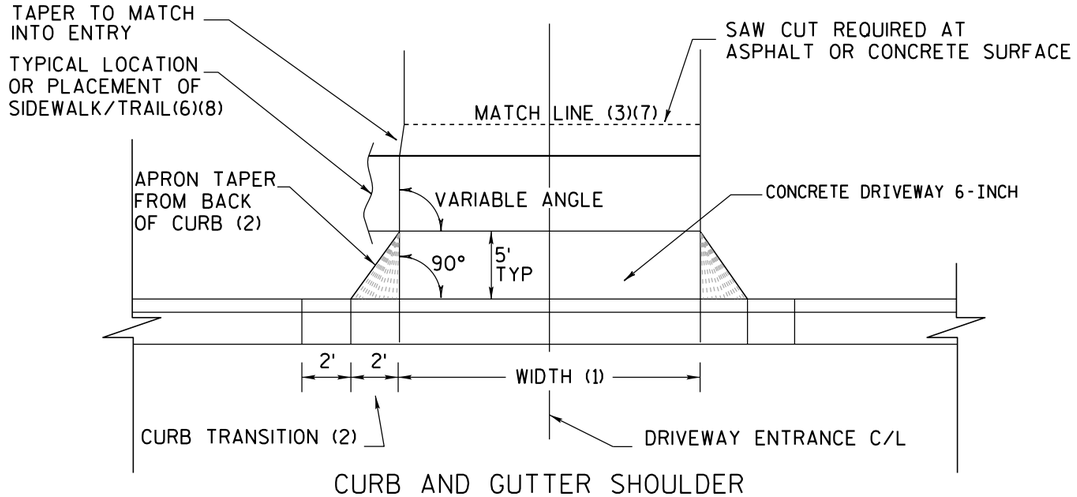
SURFACE MATERIAL NOTE:
IF NO TRAIL IS AT DRIVEWAY LOCATION
PLACE DRIVEWAY SURFACE AS INDICATED IN NOTE (7).

ENTRANCE/DRIVEWAY NOTES

(1) FOR DRIVEWAY/ENTRANCE WIDTH, SEE PLAN & PROFILE SHEET FOR WIDTH AND PROPOSED MATCH FIGURATION.
(2) FOR USAGE ALONG STH 35. FOR SIDE STREET ENTRANCE DRIVEWAYS ELIMINATE TAPER AND REDUCE CURB TRANSITION TO ONE FOOT.
(3) FINAL LIMIT FOR SURFACE REPLACEMENT TO BE DETERMINED BY PROJECT ENGINEER.
(4) SEE PLAN DETAIL SHEET OR PLAN & PROFILE FOR DIFFERENT RADIUS.
(5) PLAN LAYOUT/CONFIGURATION FOR ENTRANCE/DRIVEWAY SHOWN ON PLAN INDICATE PROPOSED CONNECTION LAYOUT. FINAL LAYOUT TO BE APPROVED BY PROJECT ENGINEER.
(6) SEE PLAN DETAIL SHEET FOR SIDEWALK/TRAIL LAYOUT FOR LOCATION.
(7) DRIVEWAY REPLACEMENT SPECIFICATION:
AGGREGATE-6-INCH BASE AGGREGATE DENSE 1¼"
ASPHALT-2-INCH ASPHALTIC SURFACE AND 6- INCH AGGREGATE BASE, 1 1/4"
CONCRETE-6-INCH CONCRETE DRIVEWAY AND 4-INCH AGGREGATE BASE DENSE 1 1/4"
(8) IF CONCRETE SIDEWALK IS PRESENT, PLACE 6-INCH CONCRETE ALONG DRIVEWAY WIDTH LIMITS IF TRAIL IS TO BE PLACED AT CONCRETE DRIVEWAY, PLACE 6-INCH CONCRETE DRIVEWAY FOR TRAIL SURFACE.

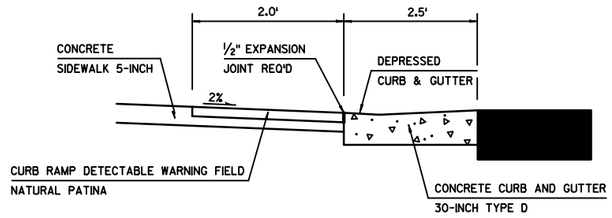


CURB AND GUTTER (HALF SECTION)
OBLIQUE VIEW

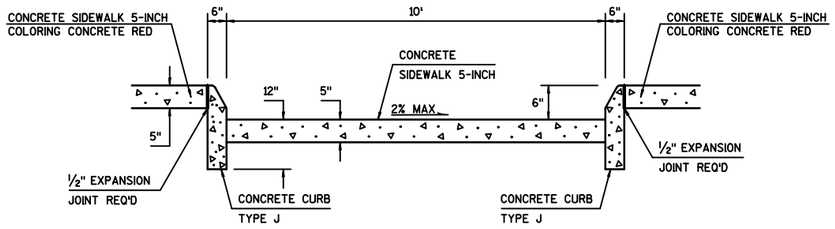


CURB AND GUTTER SHOULDER
PLAN VIEW

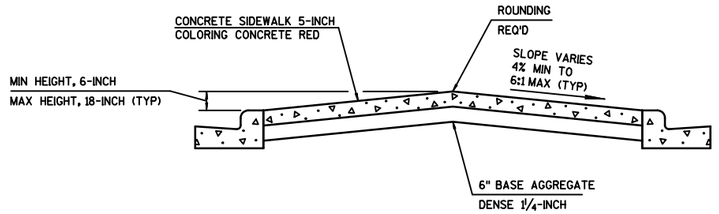
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E



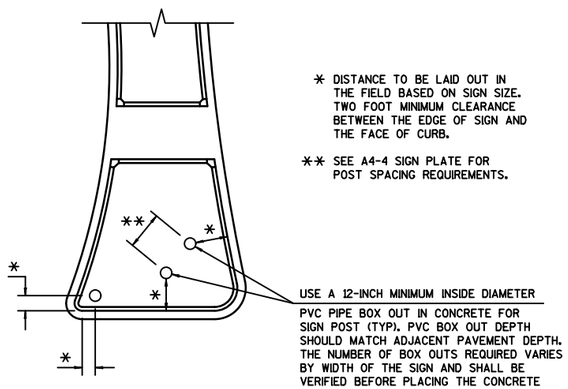
SECTION A-A



SECTION B-B



SECTION C-C



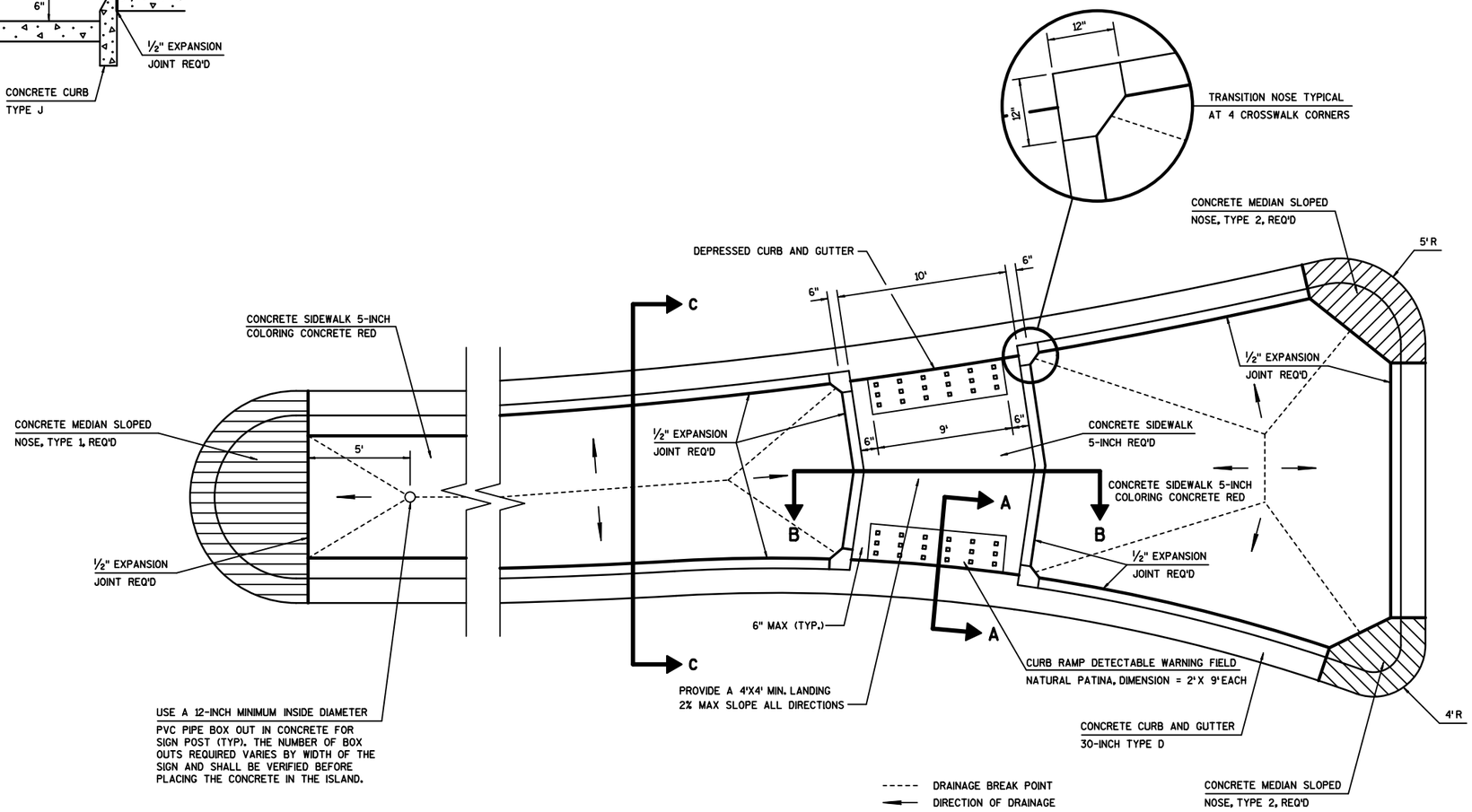
* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.

USE A 12-INCH MINIMUM INSIDE DIAMETER

PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP). PVC BOX OUT DEPTH SHOULD MATCH ADJACENT PAVEMENT DEPTH. THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN AND SHALL BE VERIFIED BEFORE PLACING THE CONCRETE SIDEWALK IN THE ISLAND. GRAVEL BACKFILL IS INCIDENTAL TO POSTS WOOD BID ITEM.

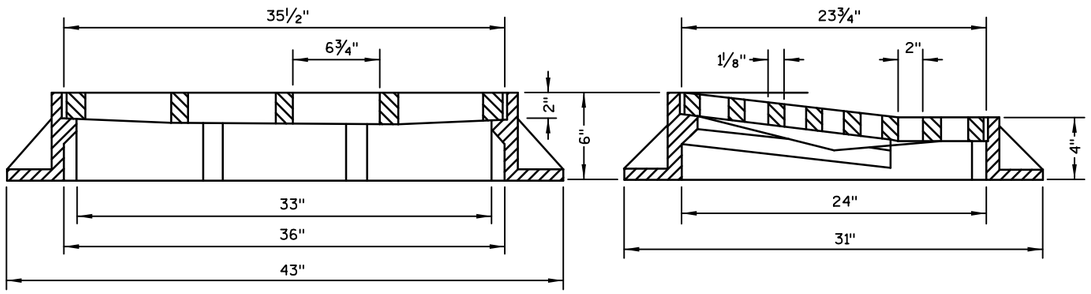
CENTER AND SPLITTER ISLAND SIGN LOCATION DETAIL (TYP)



NOTE: INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

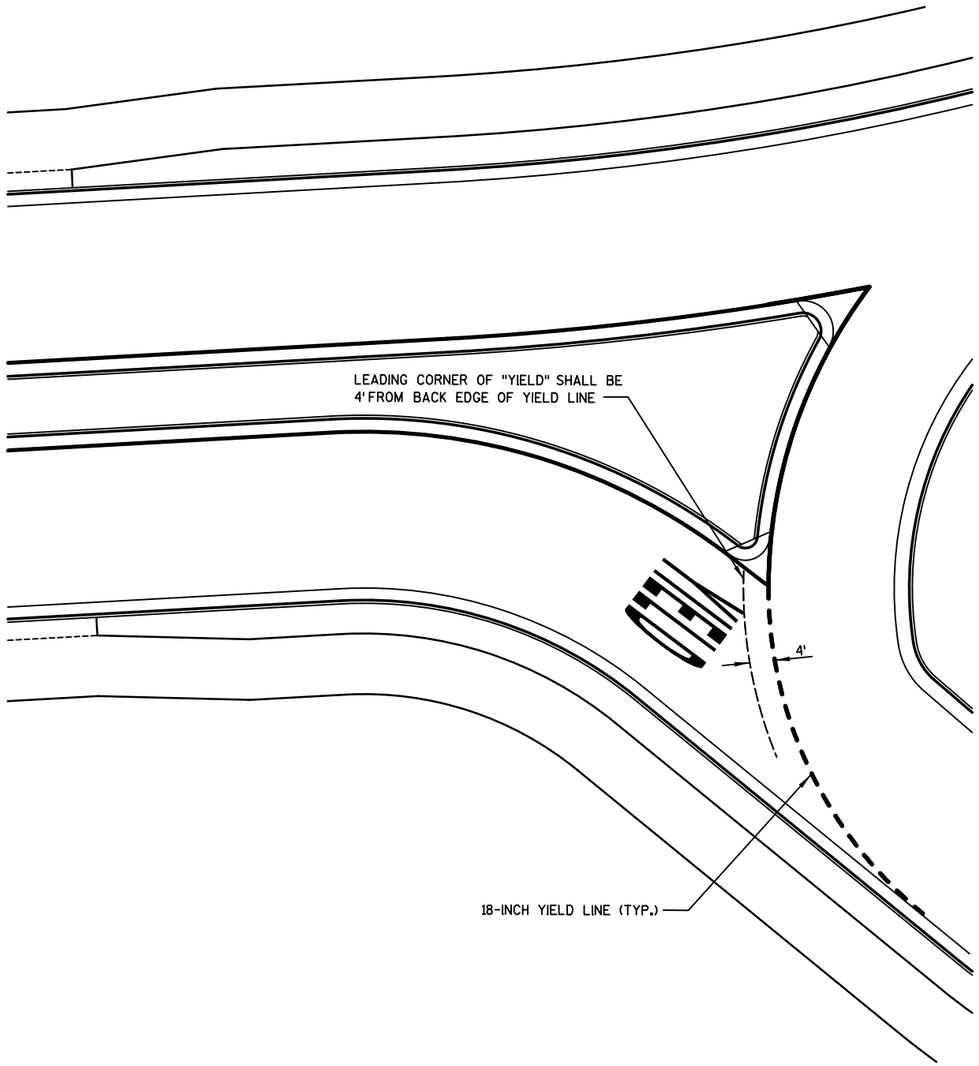
SPLITTER ISLAND DETAIL

TOTAL WEIGHT APPROXIMATELY 420 POUNDS



INLET COVERS TYPE DW

STA 277+17/19' RT

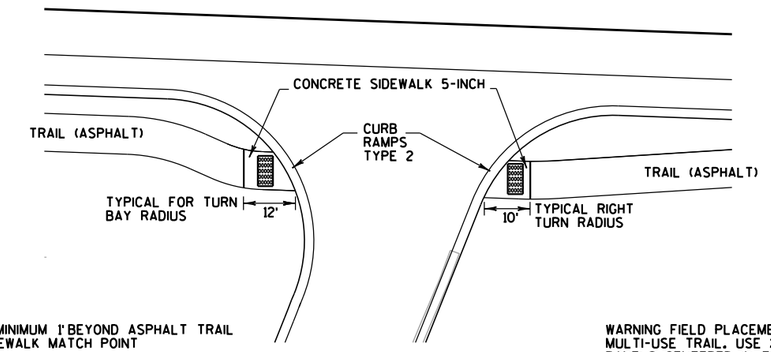


ROUNDABOUT PAVEMENT MARKING DETAILS

2

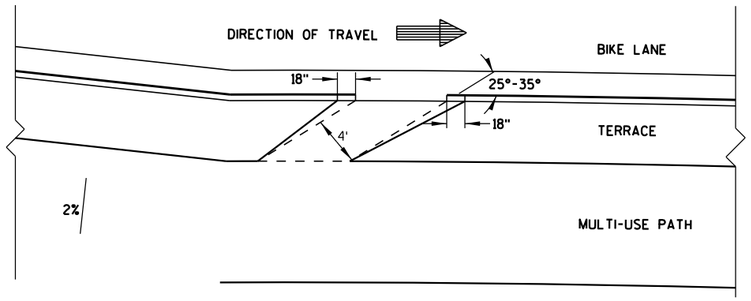
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET 20	E

MULTI-USE TRAIL
CURB RAMP DETECTABLE WARNING FIELD PLACEMENT

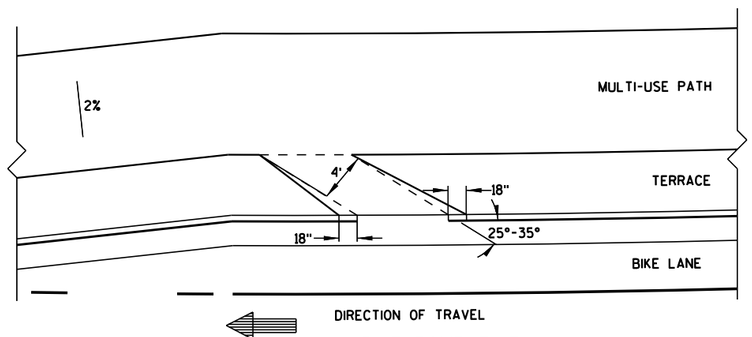


WARNING FIELD IS MINIMUM 1' BEYOND ASPHALT TRAIL AND CONCRETE SIDEWALK MATCH POINT

WARNING FIELD PLACEMENT FOR 10' MULTI-USE TRAIL, USE 2'X4' AND 2'X5' PANELS CENTERED IN TRAIL

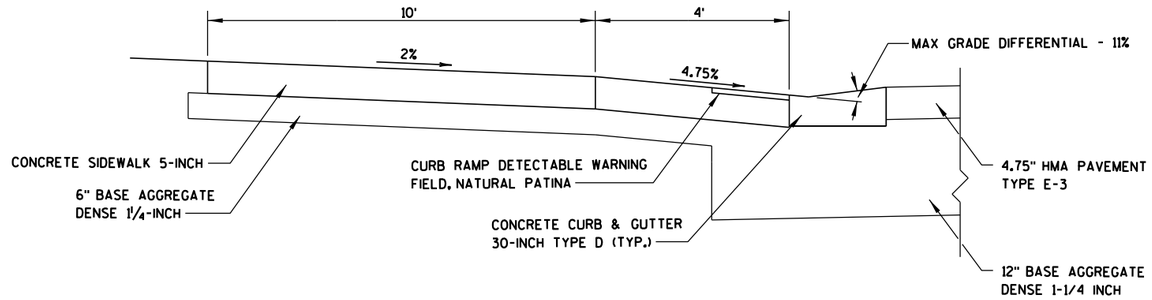


BIKE RAMP ENTRANCE

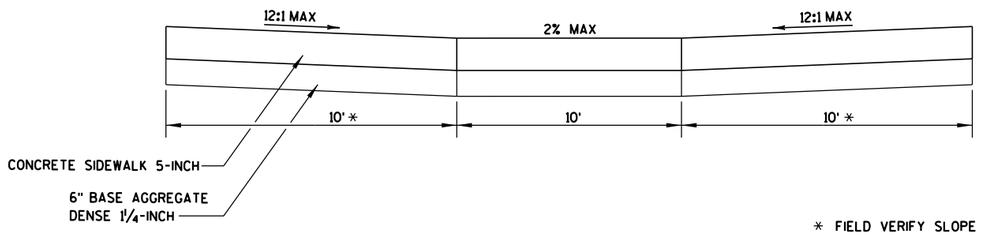


BIKE RAMP EXIT

BIKE RAMP ENTRANCE AND EXIT

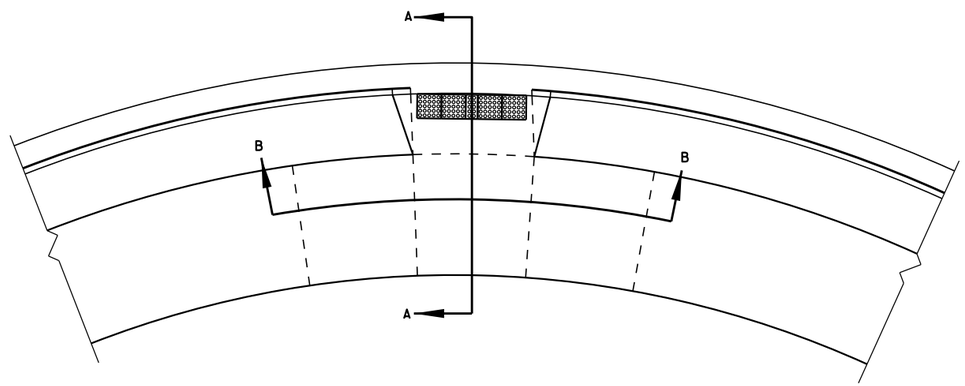


CROSS SECTION A-A



* FIELD VERIFY SLOPE DOES NOT EXCEED 12:1. ADJUST DISTANCE ACCORDINGLY.

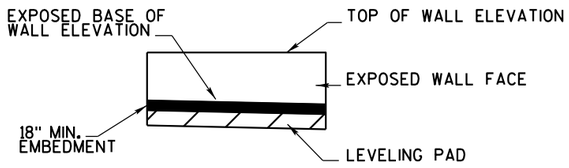
CROSS SECTION B-B



CURB RAMP DETAIL

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E

LEGEND
(ALL GRAVITY WALLS)



WALL NOTES

1) OFFSET DISTANCE IS TO BOTTOM FRONT FACE OF WALL INTERCEPT WITH PROPOSED GROUND LINE (BASE OF EXPOSED WALL SECTION)

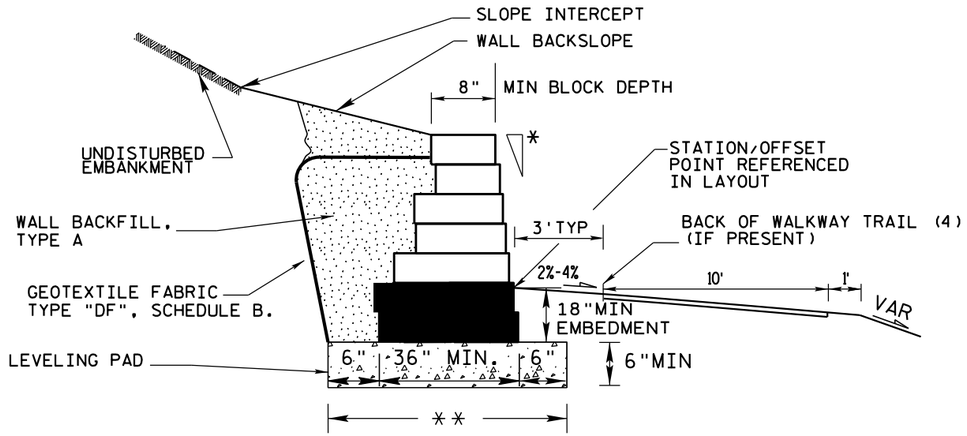
2) WALL LOCATION IS REFERENCED FROM RL INDICATED IN PLAN VIEW TO BASE OF EXPOSED WALL

3) WALL EMBEDMENT AND SETBACK FOR SPECIFIED WALL MANUFACTURER IS TO BE ACCOUNTED FOR IN ORDER TO MEET SPECIFIED OFFSET DISTANCE

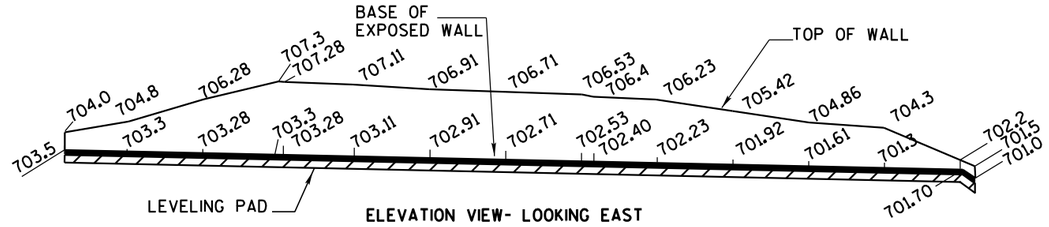
4) FOR WALL D, SIDEWALK ABUTS TO WALL

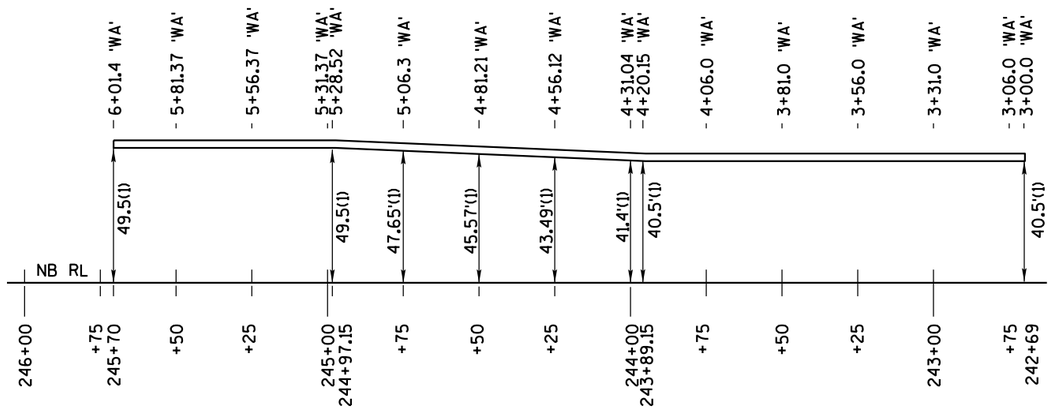
SOILS -SAND OR SILTY SAND
ALLOWABLE SOIL BEARING CAPACITY =1000 PSF

* SETBACK (BATTER) VARIES BY MANUFACTURER
** WIDTH BASED ON BLOCK SIZE AND MANUFACTURER

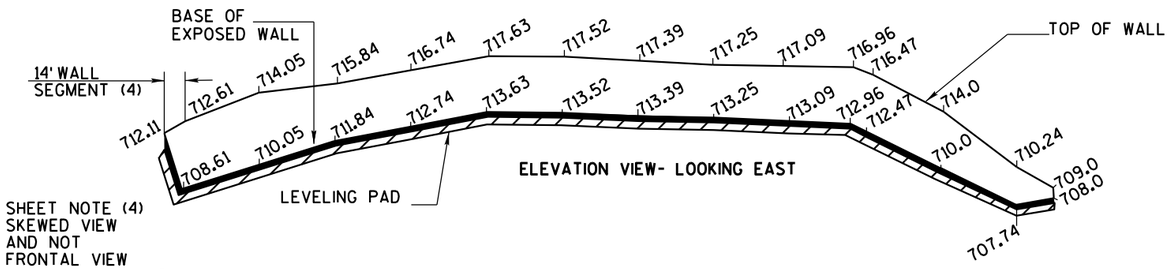


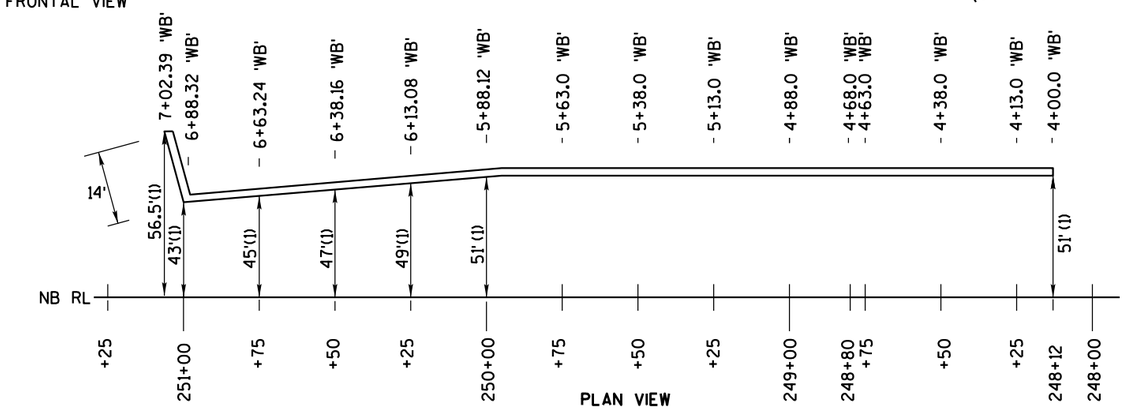
WALL MODULAR BLOCK GRAVITY LANDSCAPE LRFD SECTION DETAIL





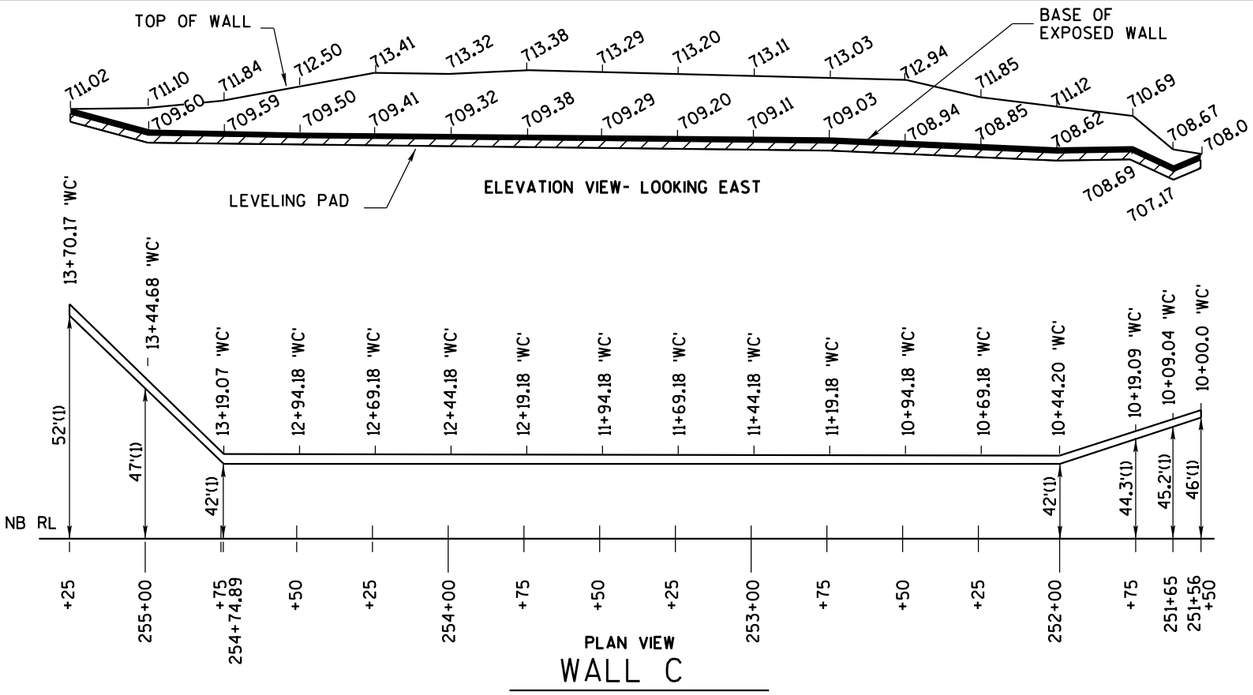
WALL A





WALL B

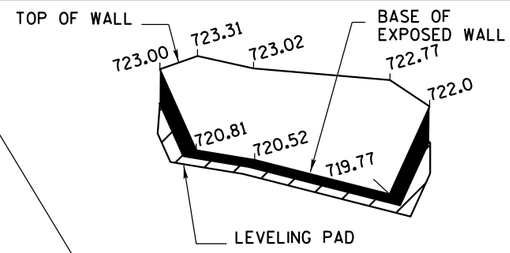
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS, WALL A AND WALL B	SHEET E



PLAN VIEW

WALL C

END POINT (GROUND MATCH) TO BE DETERMINED PRIOR TO WALL CONSTRUCTION WITH PROPERTY OWNER.(SAW CUT REQD)



WALL D NOTES

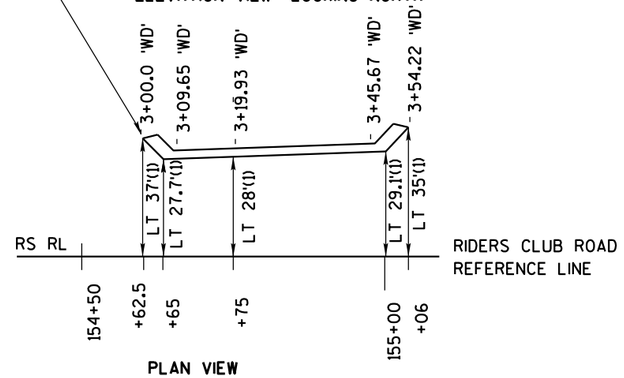
1- PRIOR TO CONSTRUCTION OF WALL D, THE CONTRACTOR IS TO ARRANGE A MEETING WITH THE PROPERTY OWNER TO DISCUSS WALL LAYOUT.

2- AS INDICATED IN WALL 'PLAN VIEW' THE END POINT (GROUND MATCH) LIMIT IS TO BE INDICATED BY PROPERTY OWNER DURING CONTRACTOR/OWNER MEETING.

3- CONTRACTOR/OWNER MEETING IS TO DISCUSS THE FOLLOWING ITEMS:
- a) REMOVAL OF EXISTING STONE WALL AND MATCH SAW LOCATION
- b) SAW CUT LOCATION AND ASPHALT RESTORATION OF DRIVEWAY SURFACE.
- c) WORK SCHEDULE FOR WALL CONSTRUCTION
- d) REMOVAL OF PRIVATE DECORATIVE YARD STRUCTURES BY PROPERTY OWNER
- e) WALL BACK FILL

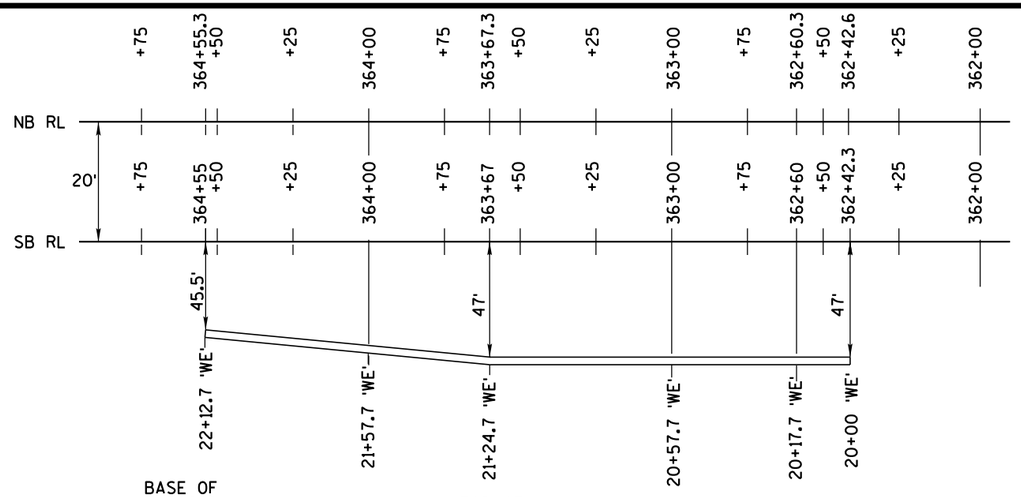
4- REMOVAL OF EXISTING STONE WALL IS INCIDENTAL TO WALL D CONSTRUCTION.

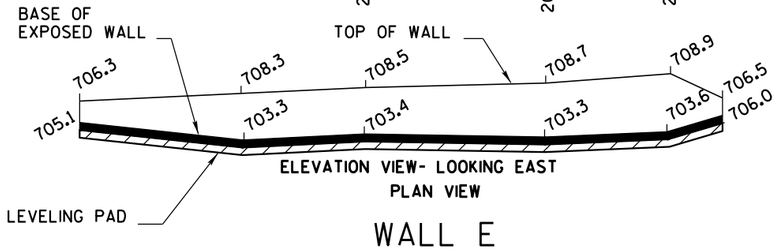
5- SEE SPECIAL PROVISIONS FOR ADDITIONAL PROPERTY CONSTRUCTION NOTES.



PLAN VIEW

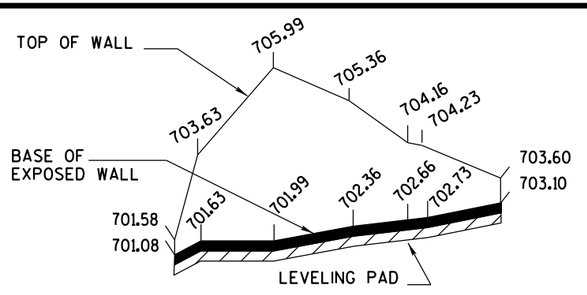
WALL D





PLAN VIEW

WALL E



WALL F NOTES

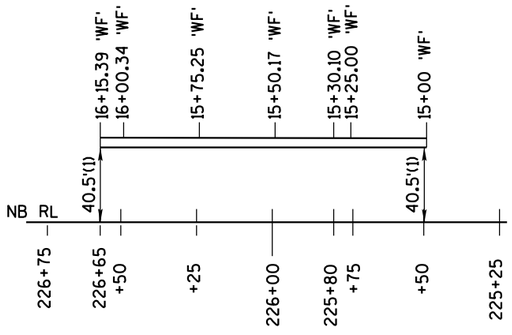
1- BEFORE WALL F EXCAVATION AND PLACEMENT IS BEGUN, CONTRACTOR IS TO ARRANGE A MEETING WITH THE PROPERTY OWNER AND PROJECT ENGINEER TO DISCUSS WALL PLACEMENT.

2-PROTECTION OF PRIVATE WALL IS INCIDENTAL TO WALL F CONSTRUCTION

3-SHIFTING/REMOVAL/STOCK PILE OF EXISTING STONE COVER IS INCIDENTAL TO WALL F CONSTRUCTION

4-RESTORATION OF STONE COVER IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

WALL OFFSET IS PARALLEL TO NB R/L

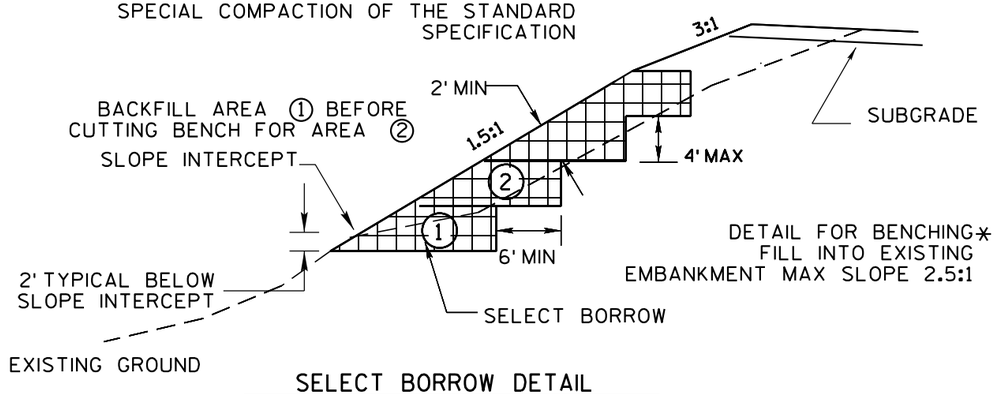


PLAN VIEW

WALL F

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAIL, WALL C, D, E, AND F	SHEET E

EMBANKMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 207.3.6.3 SPECIAL COMPACTION OF THE STANDARD SPECIFICATION



SELECT BORROW DETAIL

STA 232+50-STA 235+50 MAINLINE (SB LT)
STA 250+15-STA 254+44 MAINLINE (SB LT)

MEDIAN NOTES/DESIGNATIONS

C&G 30-J6 -CONCRETE CURB & GUTTER, 6" SLOPED, 30-INCH, TYPE J

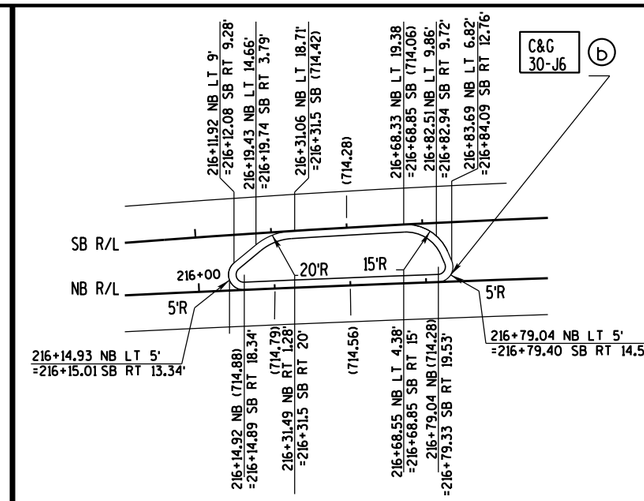
-CONCRETE CORRUGATED MEDIAN

ⓐ -CONCRETE MEDIAN SLOPE NOSE TYPE 1: REVERSE SLOPE GUTTER FLOW LINE REQUIRED AND TIE BAR CONNECTION TO CONCRETE CORRUGATED MEDIAN REQUIRED.

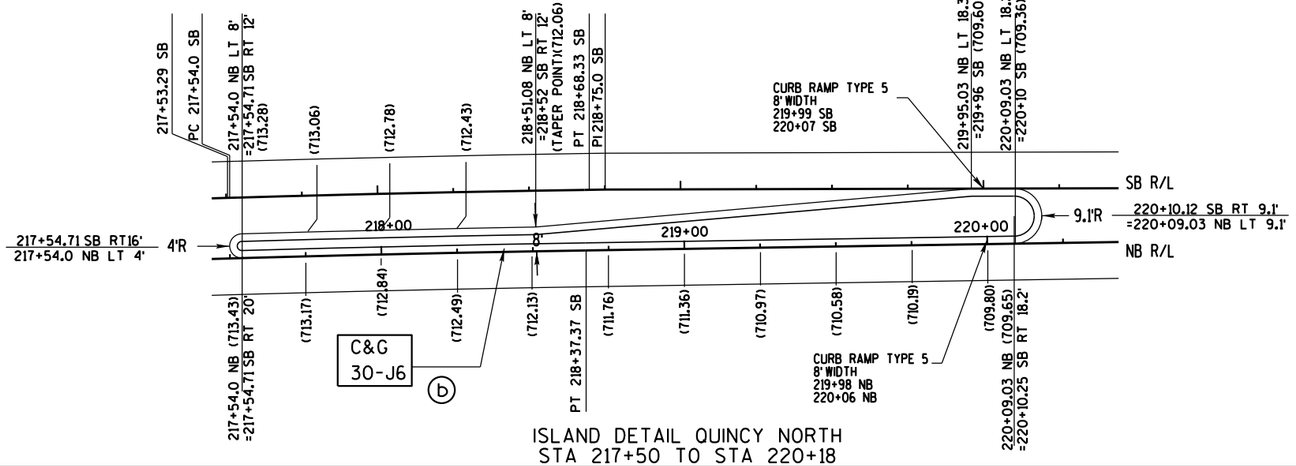
ⓑ -REVERSE SLOPE GUTTER FLOWLINE.

ⓒ -ADJUST NOSE LOCATION TO ACCOMDATE CORRUGATION SEQUENCE FROM TURN BAY TAPER POINT. ADJUST FLAT SURFACE BETWEEN CORRUGATIONS TO ACCOMODATE CORRUGATION IN TAPER SECTION.

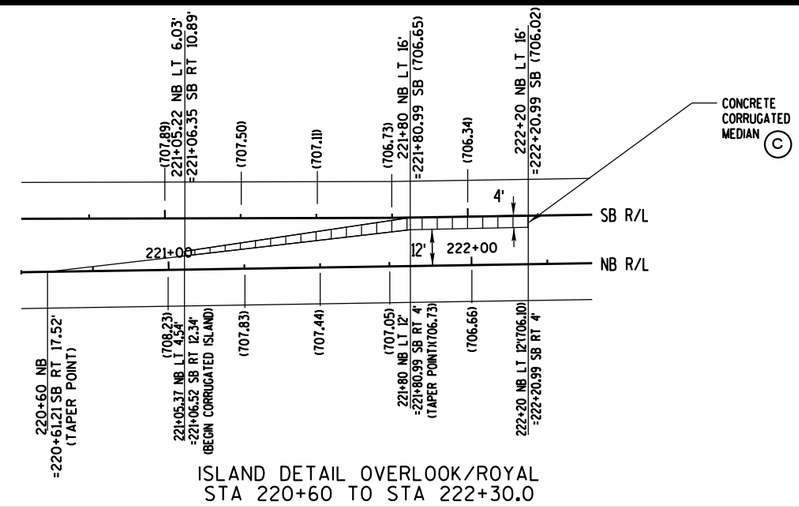
ⓓ -ALL RADIUS LENGTHS ARE TO EDGE OF PAVEMENT.



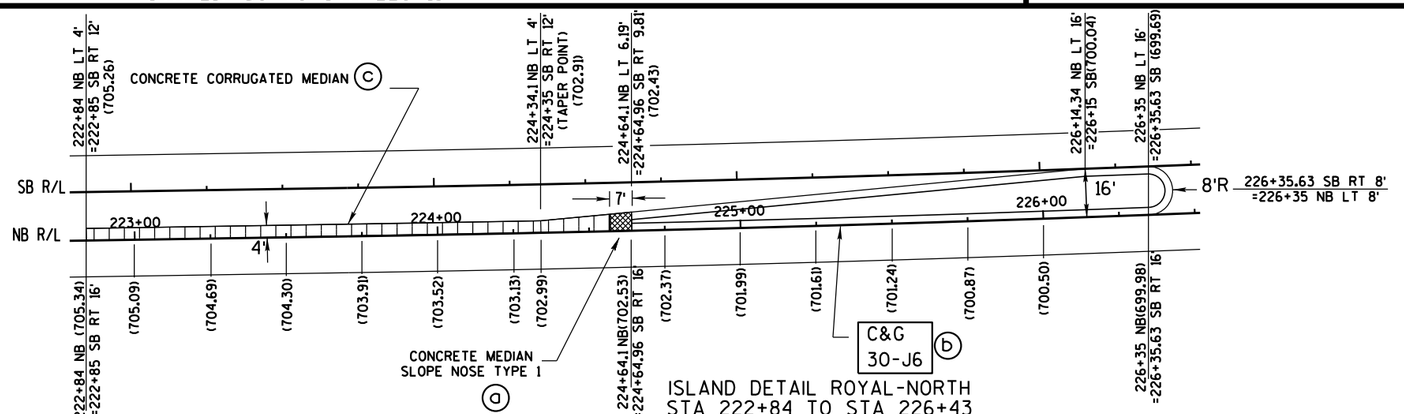
ISLAND DETAIL, QUINCY-SOUTH
STA 216+10 TO STA 216+84



ISLAND DETAIL QUINCY NORTH
STA 217+50 TO STA 220+18

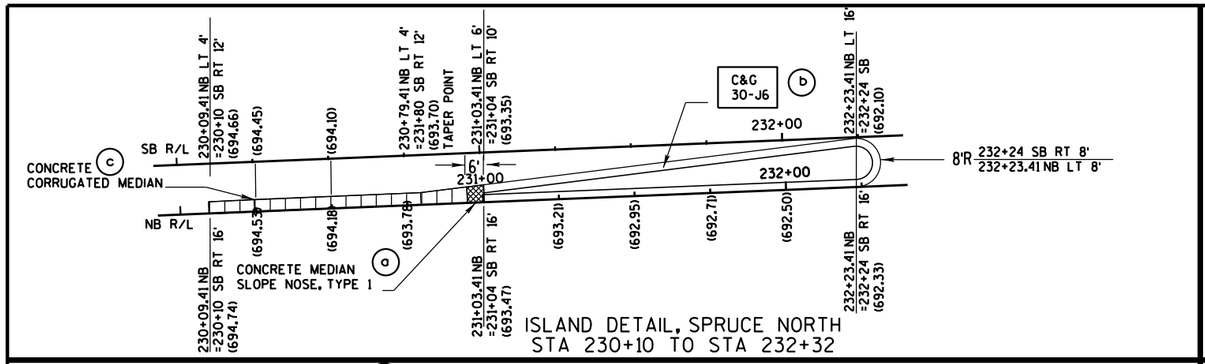


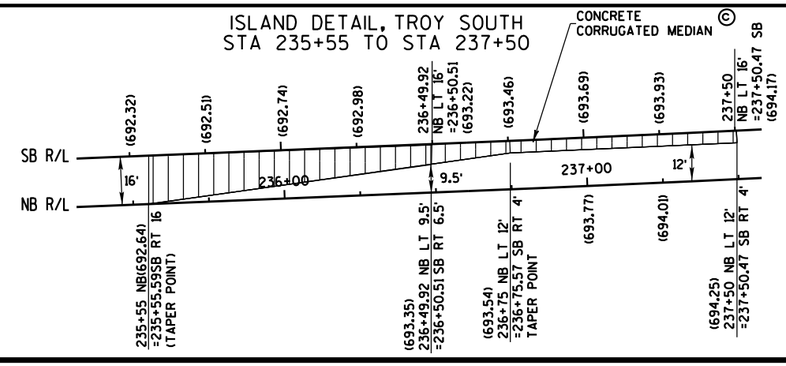
ISLAND DETAIL OVERLOOK/ROYAL
STA 220+60 TO STA 222+30.0

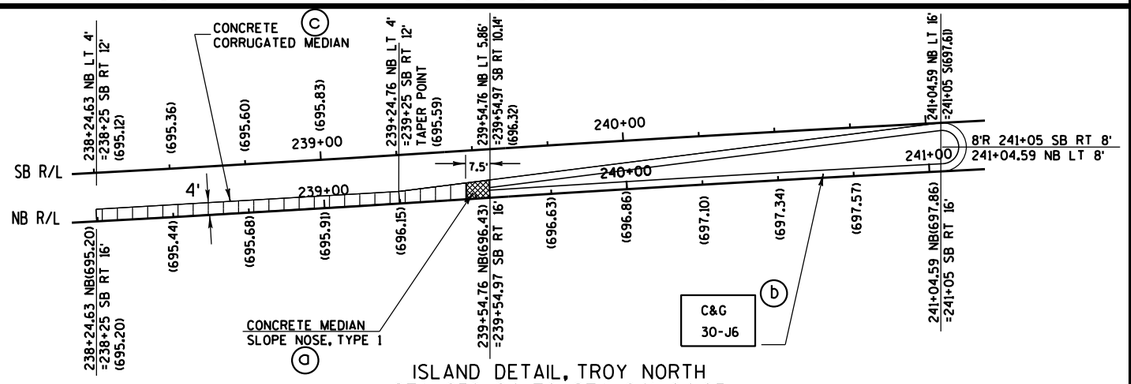


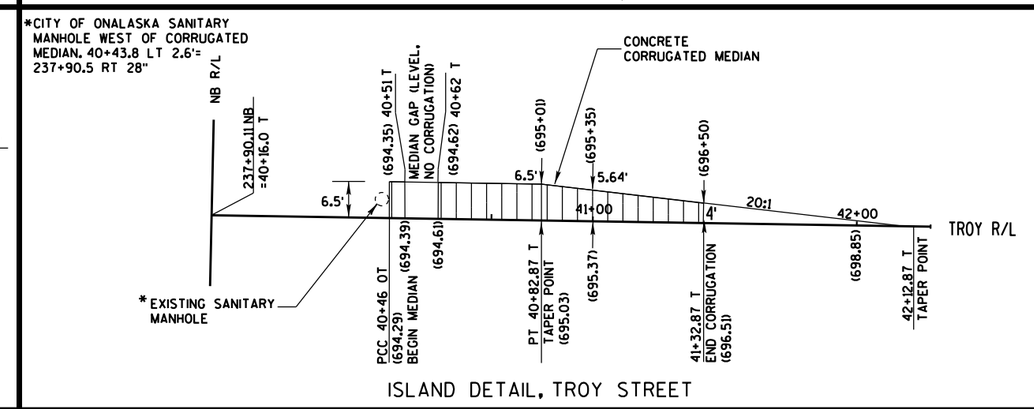
ISLAND DETAIL ROYAL-NORTH
STA 222+84 TO STA 226+43

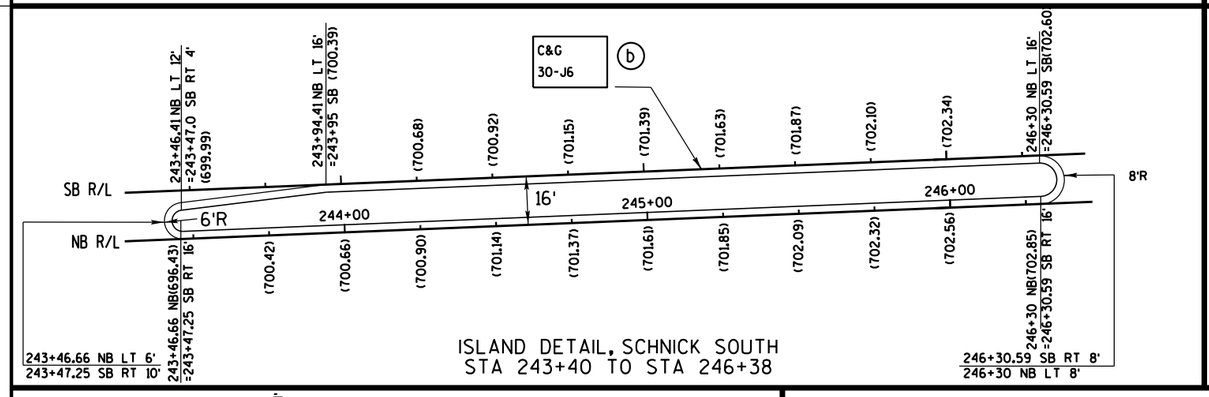
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E

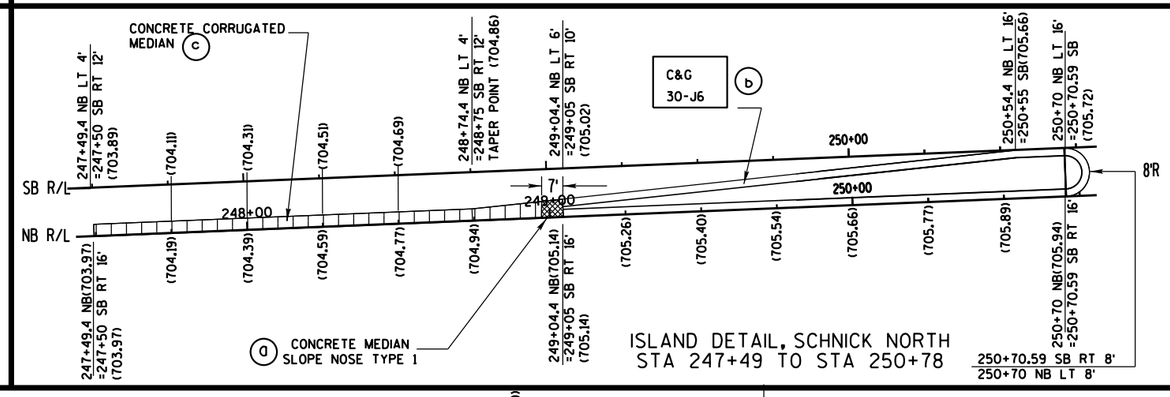


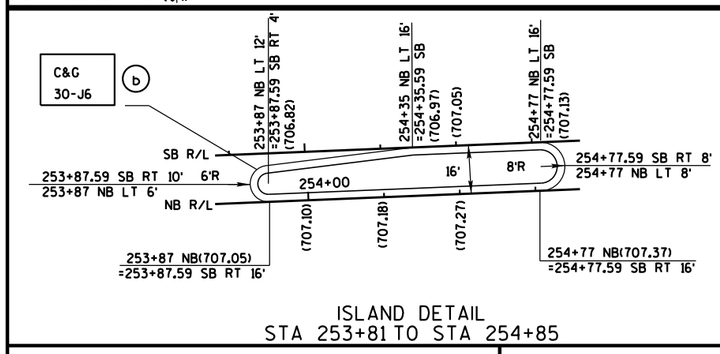


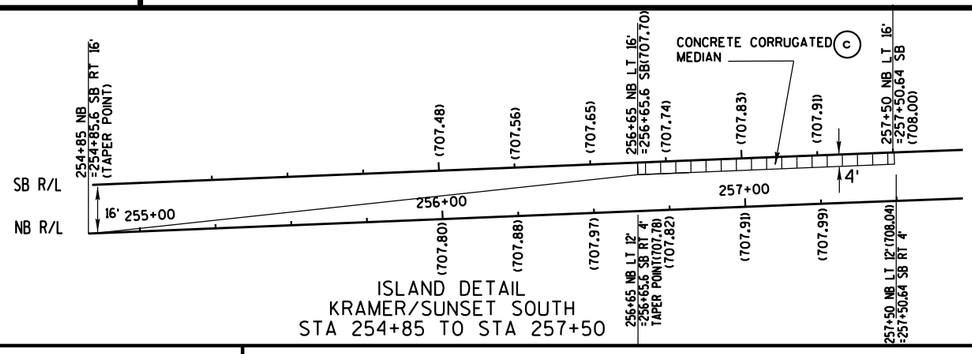




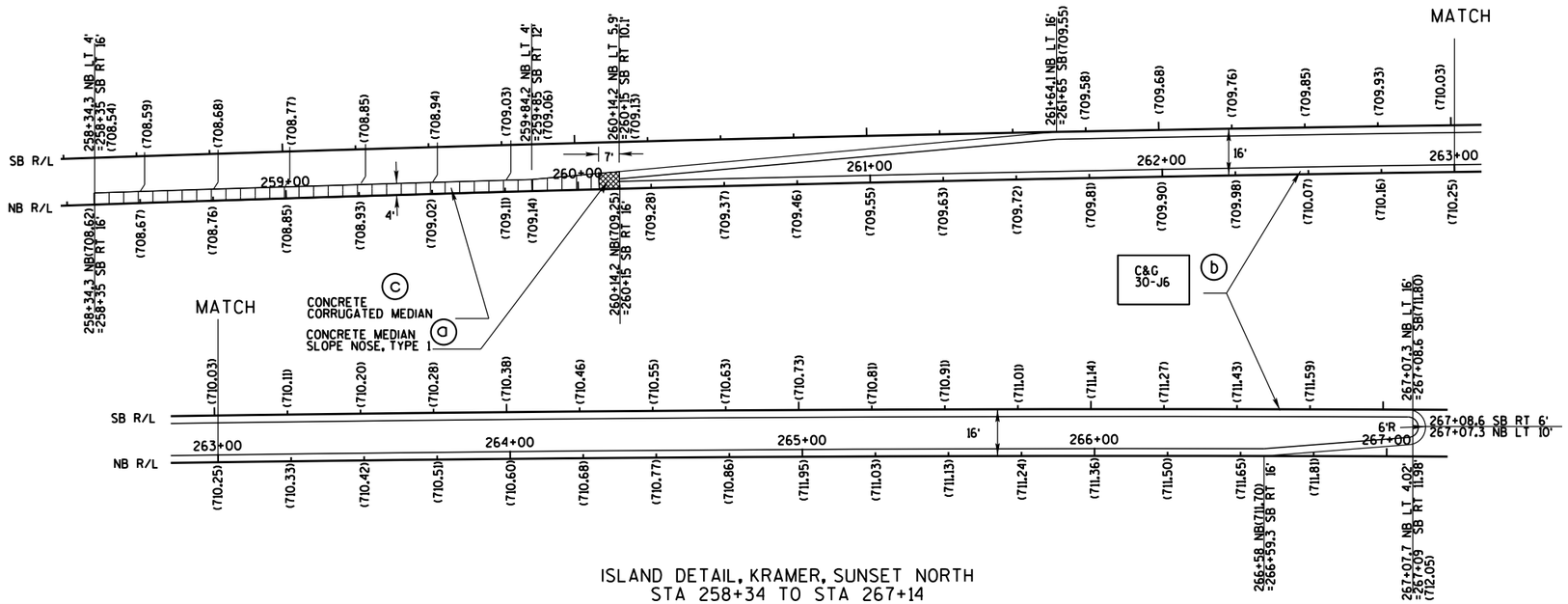




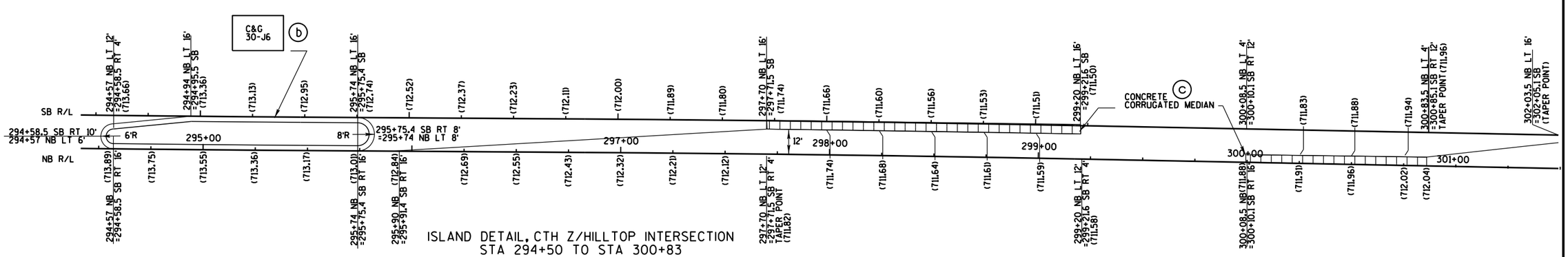




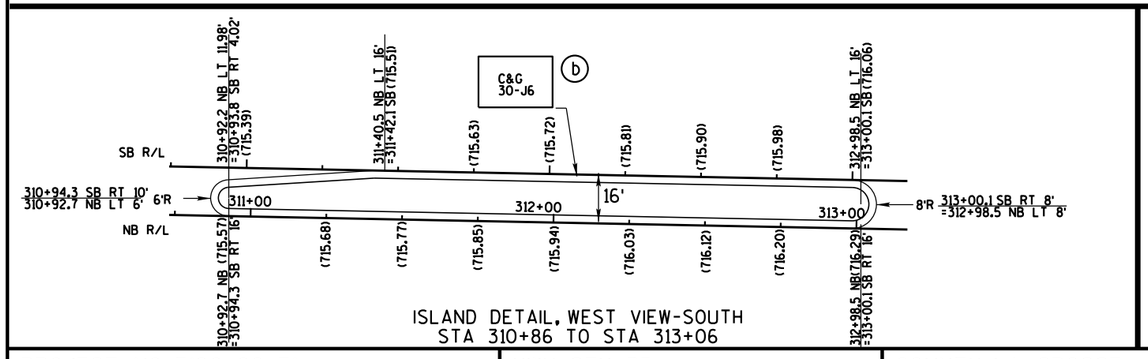
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E



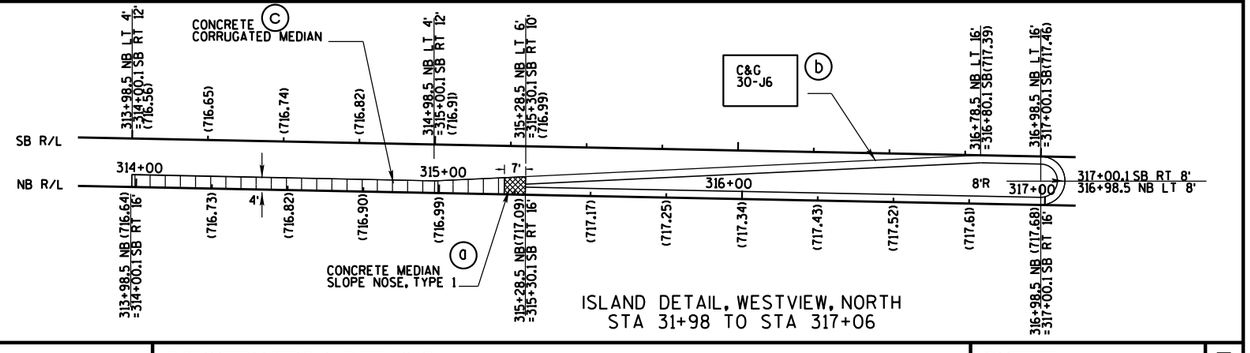
ISLAND DETAIL, KRAMER, SUNSET NORTH
STA 258+34 TO STA 267+14



ISLAND DETAIL, CTH Z/HILLTOP INTERSECTION
STA 294+50 TO STA 300+83

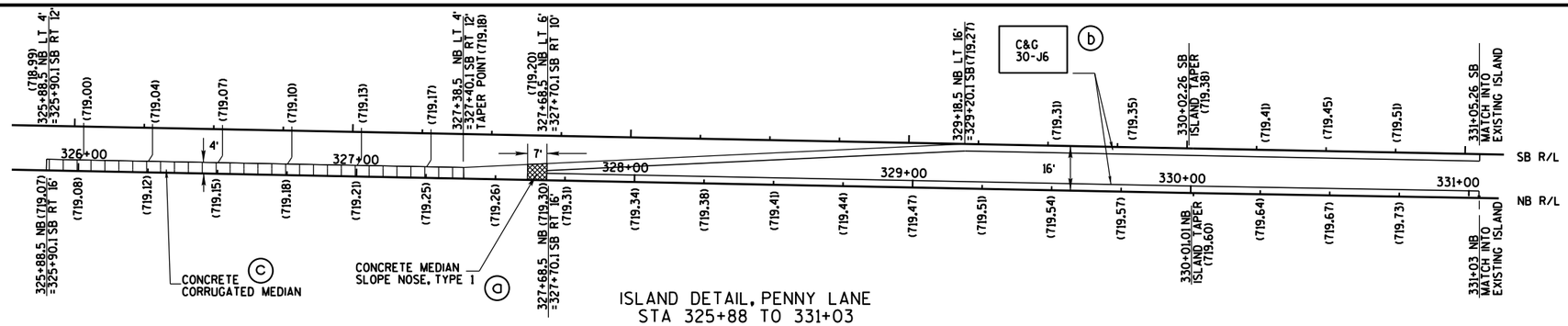


ISLAND DETAIL, WEST VIEW-SOUTH
STA 310+86 TO STA 313+06

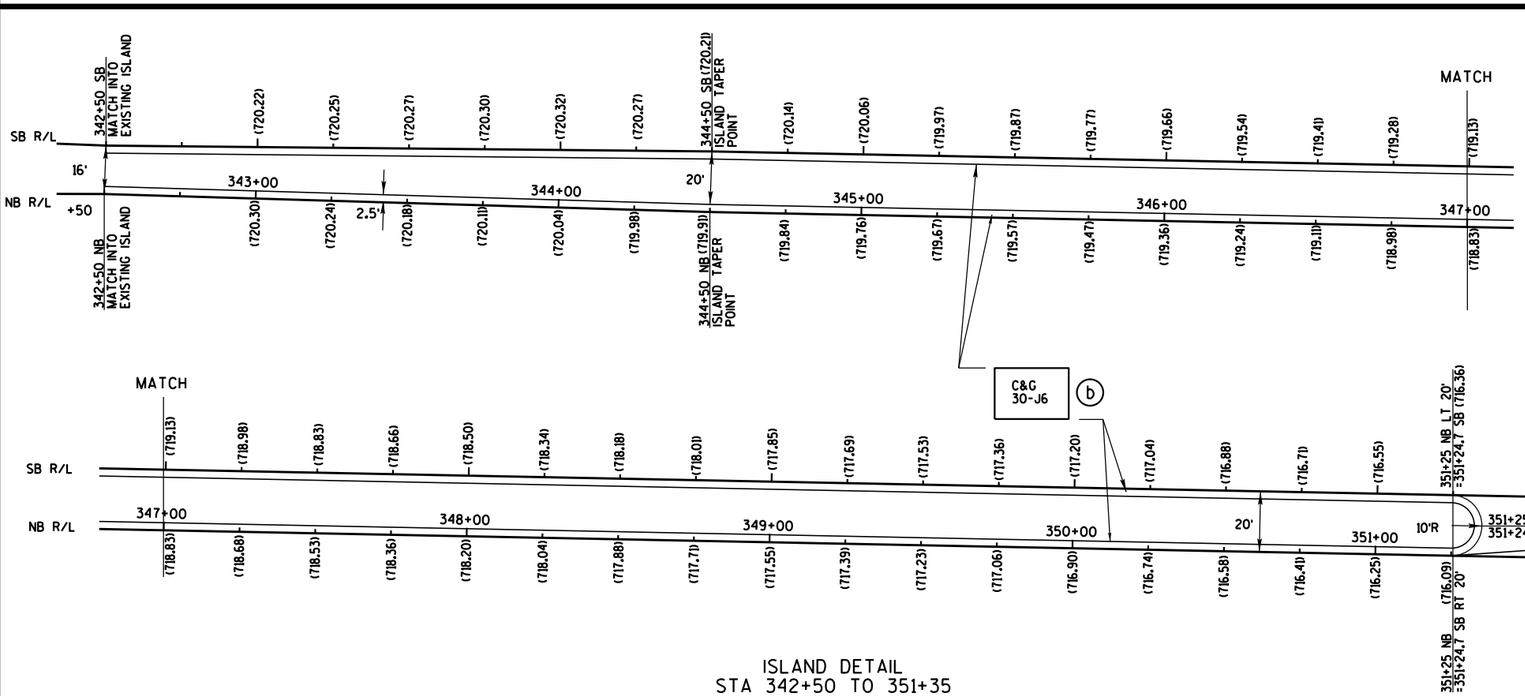


ISLAND DETAIL, WESTVIEW, NORTH
STA 31+98 TO STA 317+06

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E

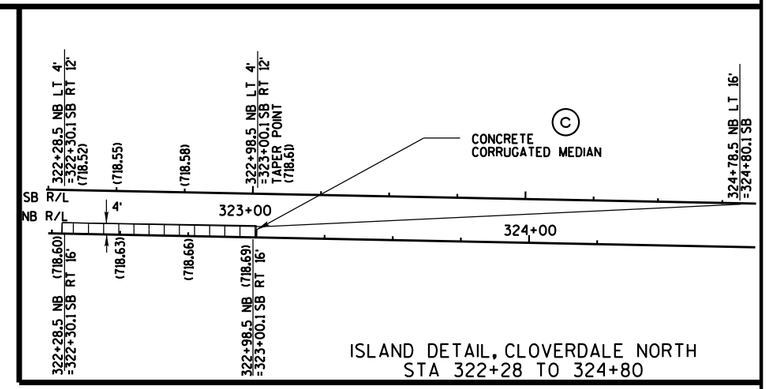


ISLAND DETAIL, PENNY LANE
STA 325+88 TO 331+03

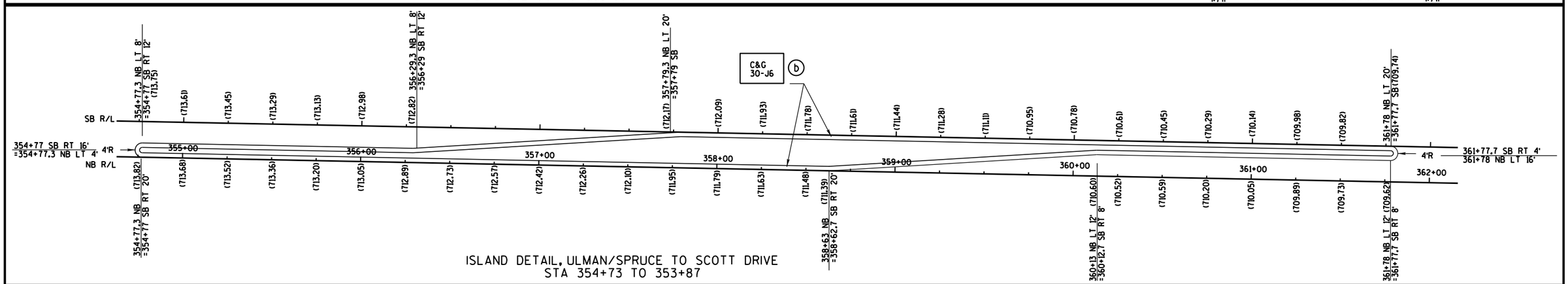


ISLAND DETAIL
STA 342+50 TO 351+35

ISLAND DETAIL
STA 352+71 TO 353+87

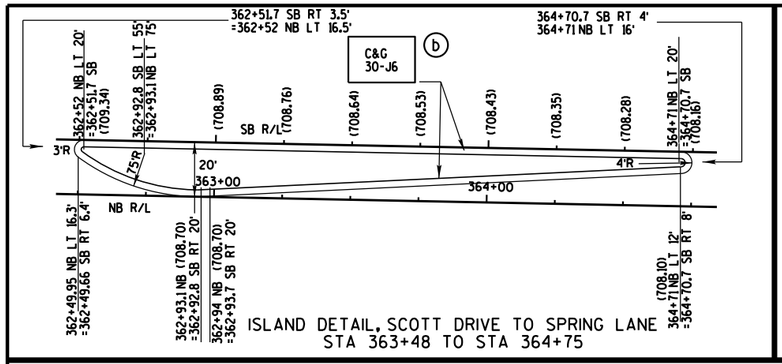


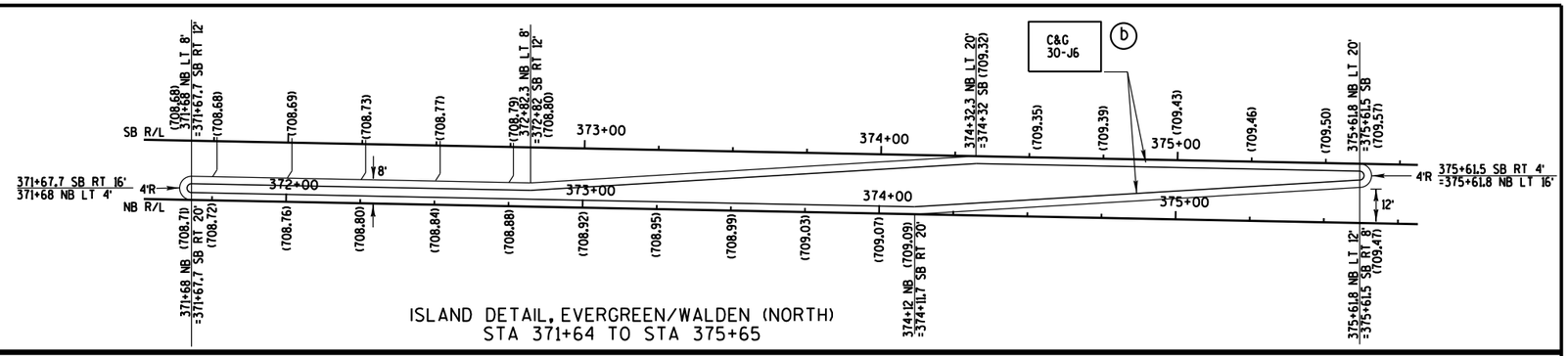
ISLAND DETAIL, CLOVERDALE NORTH
STA 322+28 TO 324+80

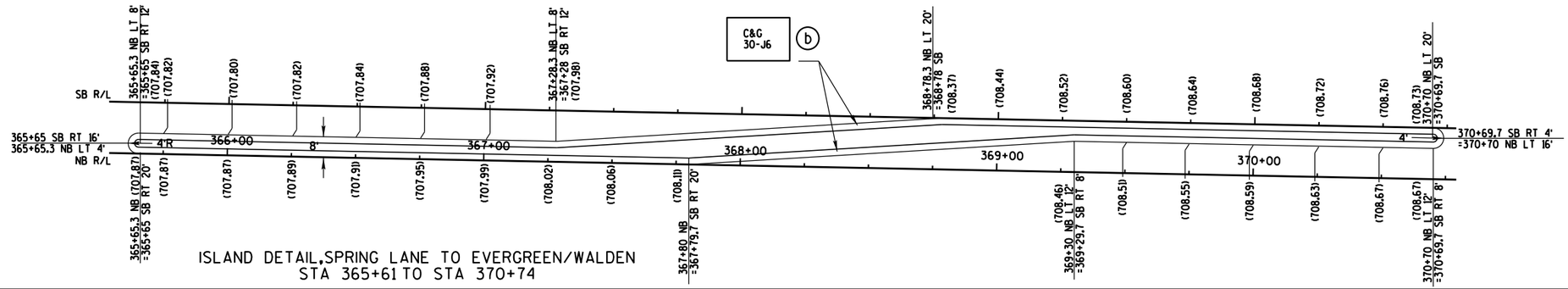


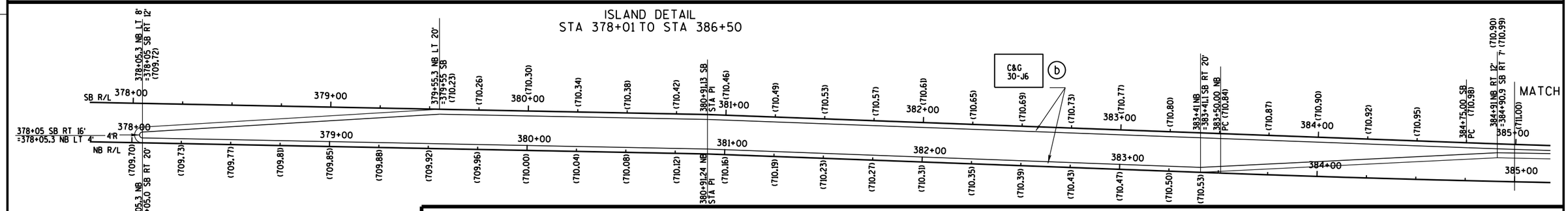
ISLAND DETAIL, ULMAN/SPRUCE TO SCOTT DRIVE
STA 354+73 TO 353+87

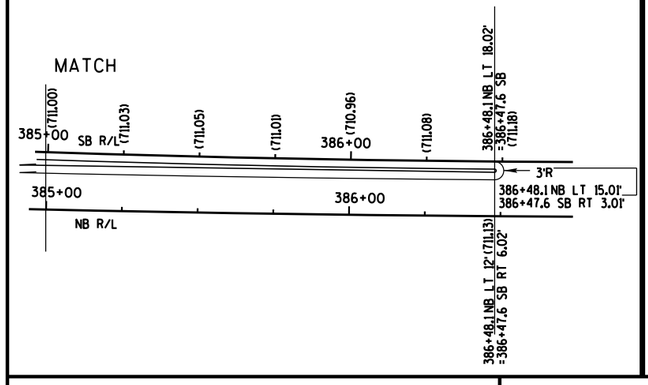
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E

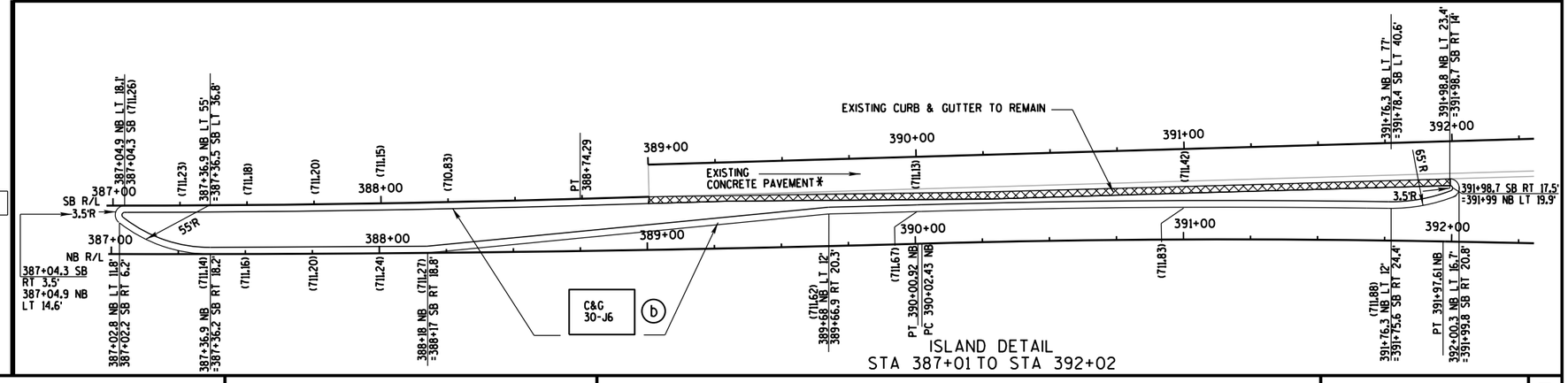




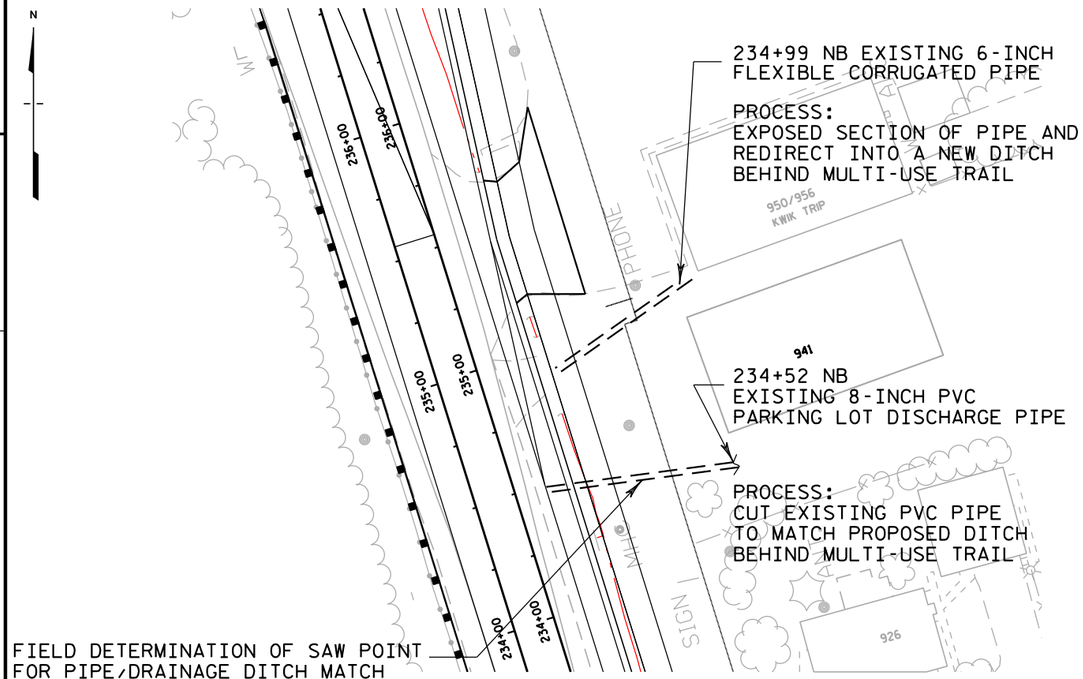


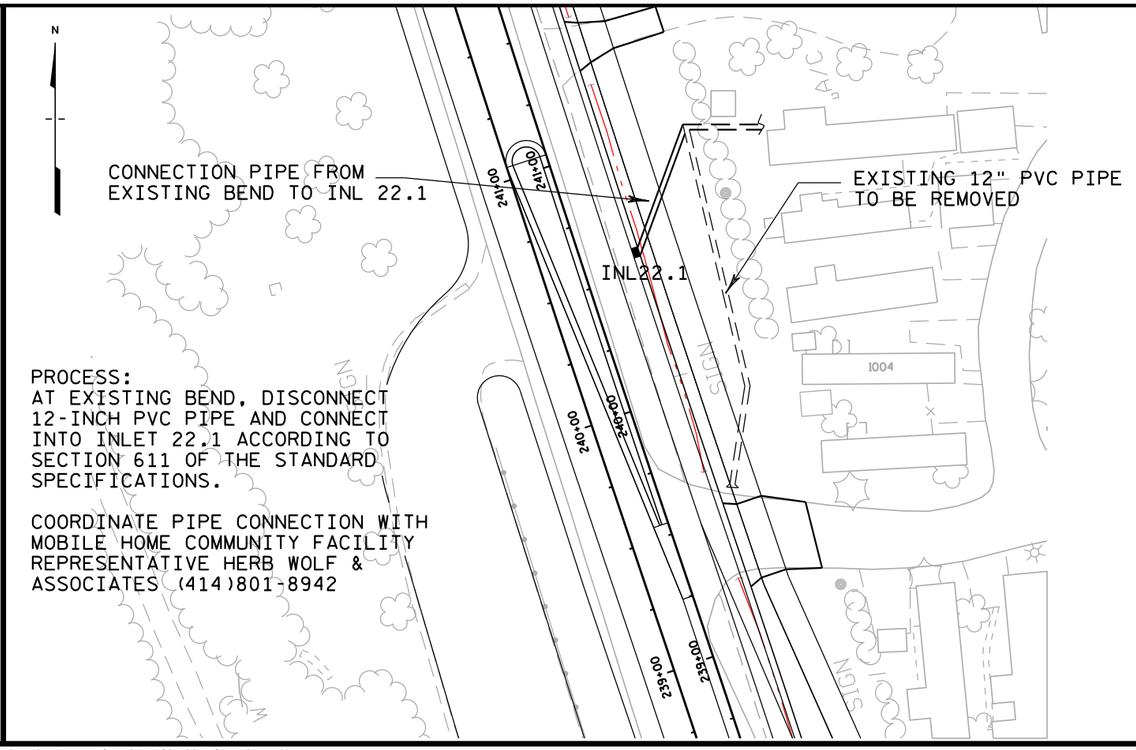


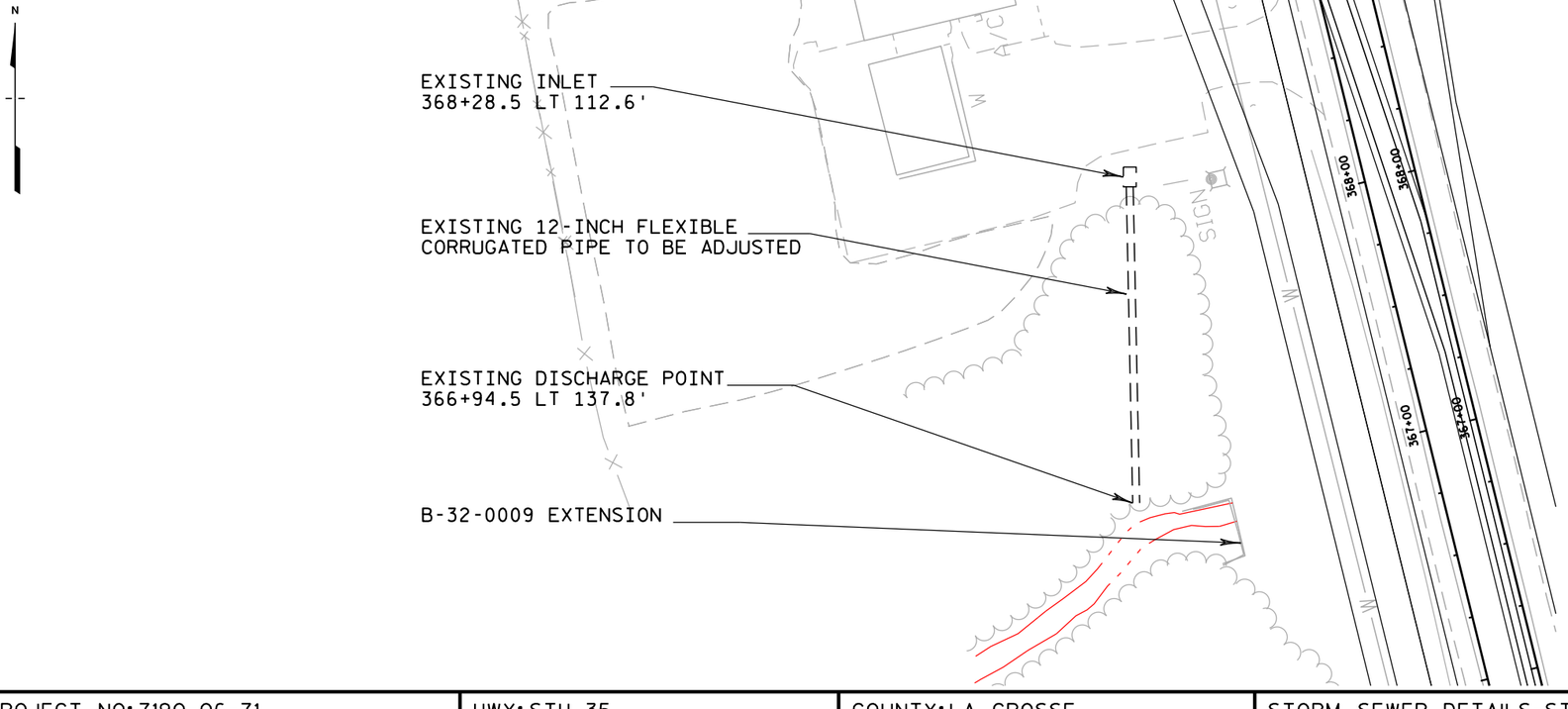




PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS	SHEET	E







PROCESS:
ADJUST EXISTING 12-INCH CORRUGATED PIPE
BY EXCAVATING AND RELAYING PIPE I-FOOT BELOW
NEW FILL PLACEMENT FOR B-32-9 SLOPE FILL.

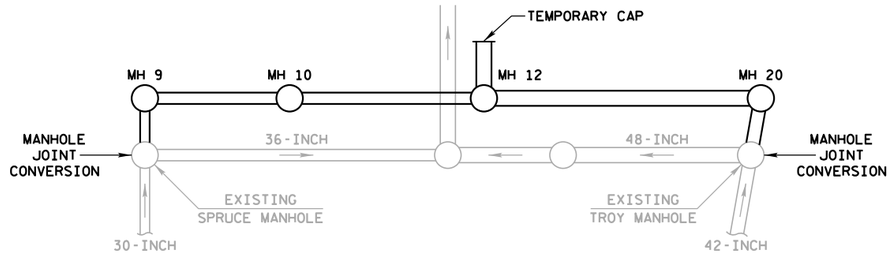
COORDINATE PLACEMENT WITH FILL PLACEMENT
SO END DISCHARGE POINT IS BEYOND NEW
END WALLS FOR B-32-9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER DETAILS-STORM DRAIN ADJUSTMENT	SHEET	E

2

CONNECTION STEP ONE

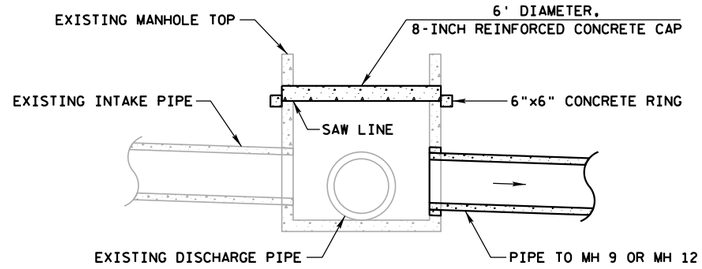
1. CONNECT NEW INTAKE PIPES FROM EXISTING MANHOLES TO MH 9 AND MH 20.
2. PLACE ENGINEER APPROVED METHOD TO TEMPORARILY PREVENT FLOW FROM EXISTING PIPE TO NEW CONNECTION PIPE TO MH 9 AND MH 20.
3. CONVERT EXISTING MANHOLE TO PERMANENT TEE CONNECTION AS SHOWN IN "MANHOLE JOINT CONVERSION" DETAIL.
4. TEMPORARY CAP IS INCIDENTAL TO MANHOLE 12 PLACEMENT.



MANHOLE 12 STAGING CONNECTION METHOD

NOTES

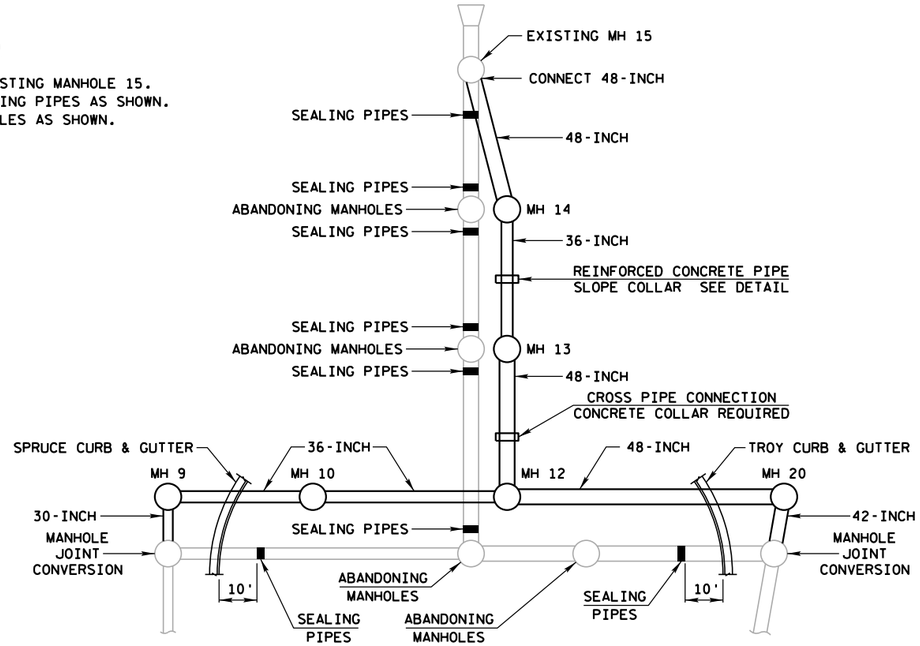
1. SAW LINE FOR REMOVAL OF TOP MANHOLE SECTION IS TO BE 6" ABOVE EXISTING PIPE CUTOUT SECTION.
2. ENGINEER APPROVED MASTIC IS TO BE APPLIED WHERE CONCRETE CAP AND EXISTING MANHOLE MEET.
3. 6"x6" CONCRETE RING TO PREVENT CAP MOVEMENT.
4. ENGINEER APPROVED METHOD TO TEMPORARILY PREVENT FLOW FROM EXISTING PIPE TO NEW CONNECTION PIPE TO MH 9 AND MH 20 IS INCIDENTAL TO MANHOLE JOINT CONVERSION BID ITEM.



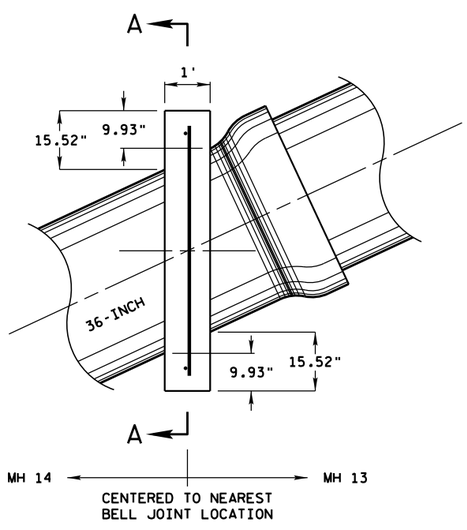
MANHOLE JOINT CONVERSION

CONNECTION STEP TWO

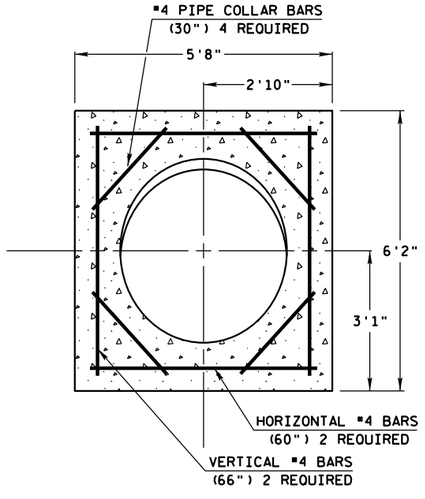
1. CONNECT INTO EXISTING MANHOLE 15.
2. DISCONNECT EXISTING PIPES AS SHOWN.
3. ABANDONING MANHOLES AS SHOWN.



MANHOLE 12 STAGING CONNECTION METHOD



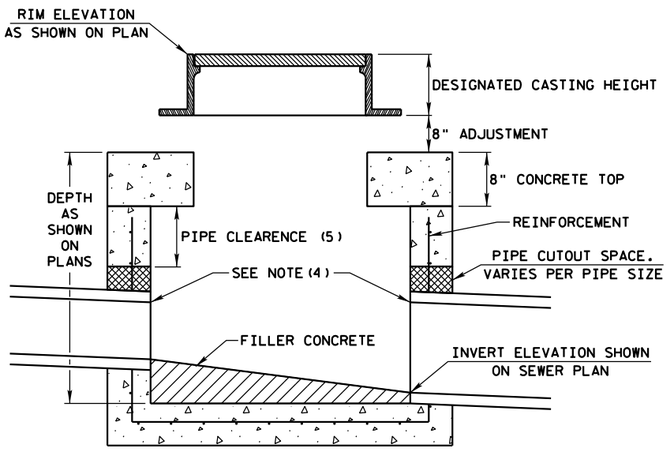
SIDE VIEW



SECTION A-A

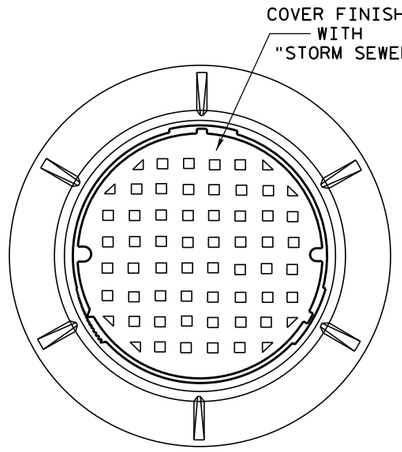
REINFORCED CONCRETE PIPE SLOPE COLLAR

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER DETAILS	SHEET	E

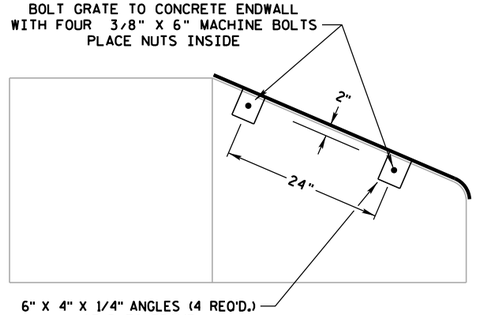


COMPUTING MANHOLE ELEVATIONS

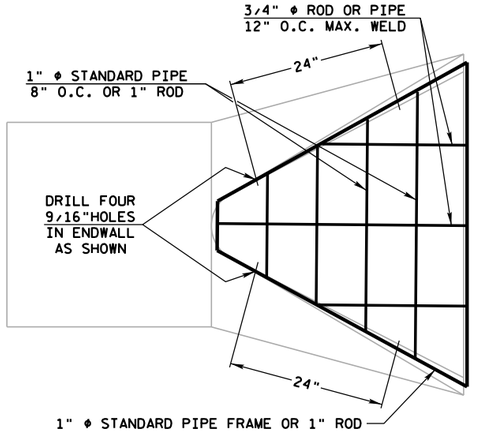
MANHOLES 4 FT, 6 FT, 8 FT



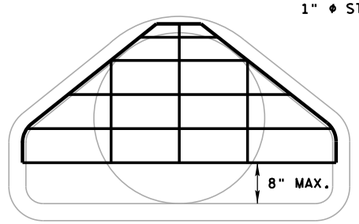
MANHOLE COVERS
TYPE-J AND TYPE-J SPECIAL



SIDE VIEW

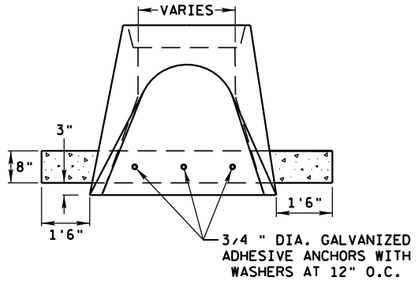


TOP VIEW

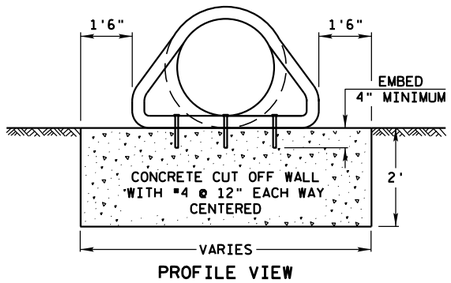


END VIEW

PIPE GRATE DETAIL

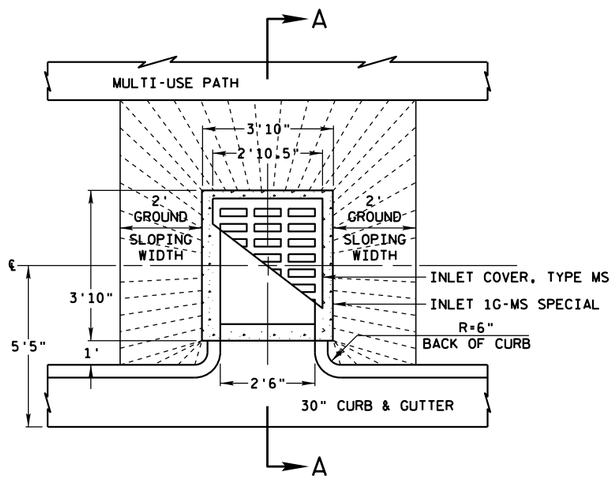


PLAN VIEW

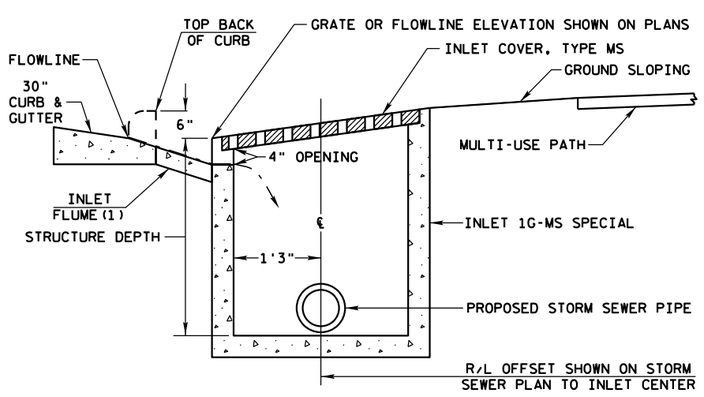


PROFILE VIEW

CONCRETE CUT OFF WALL



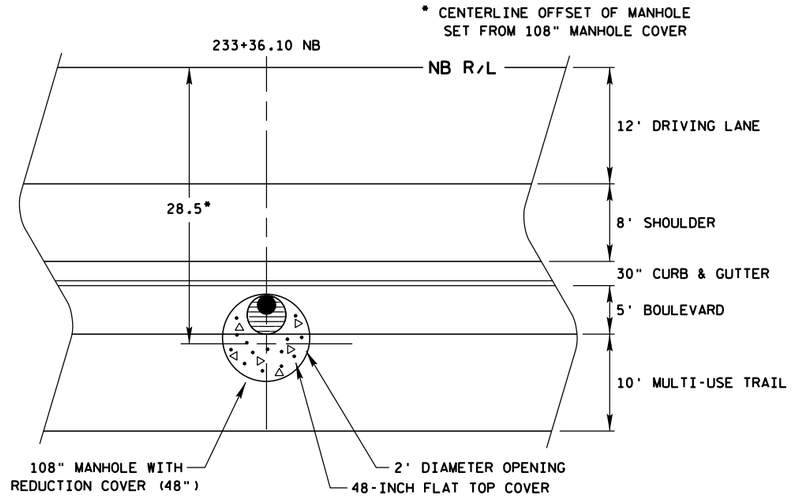
PLAN VIEW



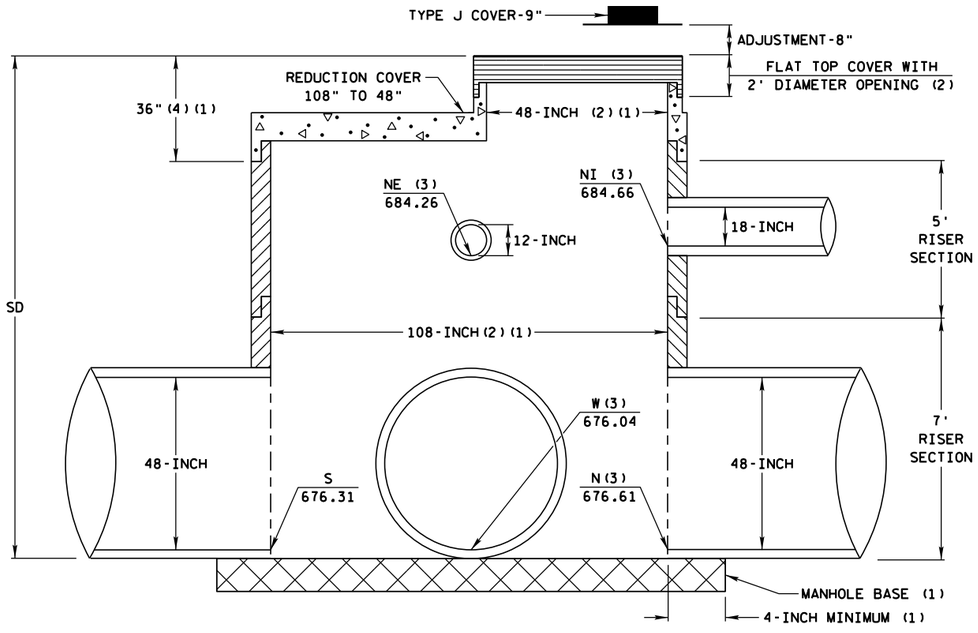
SECTION A-A

NOTES:
1. CONCRETE FLUME TO INLET OPENING IS INCIDENTAL TO CURB AND GUTTER BID ITEM ADJACENT TO INLET. FLUME THICKNES IS A MINIMUM OF 6-INCHES.
2. FOR INL 14.2 CENTER INLET WITH 4" SIDEWALK TO BACK OF SIDEWALK AND TO BACK OF CURB. FOR INL 14.1 MAINTAIN 1'DISTANCE FROM BACK OF CURB.

INLET 1G-MS SPECIAL



PLAN VIEW



ELEVATION VIEW

MANHOLE 9-FOOT DIAMETER (SPECIAL) LAY OUT AND DETAILS
STA 233+36.10 RT 28.5'

MANHOLE 9-FOOT DIAMETER (SPECIAL) NOTES:

(1) PLAN CALLS FOR A PRE CAST REINFORCED CONCRETE MANHOLE WITH TONGUE AND GROOVE JOINTS. REINFORCED CONCRETE BASE MAY EITHER BE INTEGRAL OR SEPARATE. IF SEPARATE, A 4-INCH MINIMUM OVERHANG IS REQUIRED.

MANHOLE SHALL COMPLY WITH SECTION 611 OF THE STANDARD SPECIFICATION AND SUPPLEMENTED BY STANDARD DETAIL DRAWING 8b9 (SSD8B9). IN ADDITION TO THIS SPECIFICATION, THE DESIGN SPECIFICATIONS FOR THIS MANHOLE SHALL FOLLOW REQUIREMENTS IN ASTM C 478 (PRECAST REINFORCED CONCRETE MANHOLE SECTIONS) FOR RISER SECTION SIZING. BASE SLAB, FLAT TOP AND REDUCTION COVER SIZE IS TO BE ACCORDING TO ASTM C497.

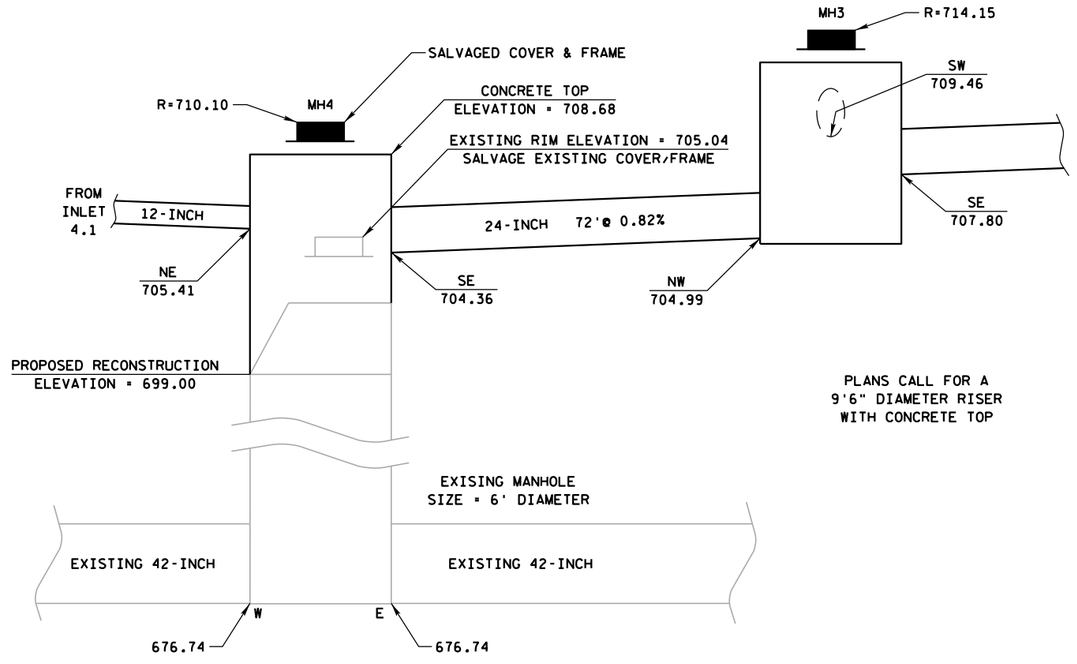
VERTICAL DIMENSIONS IN DRAWING ARE TYPICAL STANDARD STOCK SIZE. CONTRACTOR IS TO PROVIDE PROJECT ENGINEER WITH STRUCTURE COMPONENTS FOR REVIEW AND APPROVAL.

(2) REDUCTION COVER IS TO TRANSITION FROM 108-INCH MANHOLE TO A 48-INCH MANHOLE. REDUCTION COVER 48-INCH ACCESS IS TO ACCOMMODATE A FLAT TOP COVER WITH A 2-FOOT DIAMETER OPENING.

(3) 12-INCH AND 15-INCH INVERTS REPRESENT RELATIVE ELEVATION POINTS ALONG THE SECOND RISER SECTION WALL AND NOT IN RELATION TO PIPE SECTION.

(4) IF REDUCTION COVER AND FLAT TOP COVERS DIMENSIONS ARE TO BE MODIFIED, ADJUSTMENT DIMENSION IS TO BE MODIFIED.

(5) STEPS ARE TO BE PROVIDED AS PART OF THIS MANHOLE (NONE SHOWN).



MH4 RECONSTRUCTION
217+17.4 LT 64'

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER DETAILS	SHEET	E

STORM SEWER DETAIL NOTES

(1) FLOW LINE (FL) ELEVATION SHOWN IN THE STRUCTURE DATA IS THE GRATE ELEVATION. GRATE ELEVATION IS COMPUTED FROM THE EDGE OF PAVEMENT ELEVATION FOR SPECIFIED CURB & GUTTER AS FOLLOWS:

CURB & GUTTER 30-INCH, TYPE A OR D IS 3/8" (0.03') BELOW PAVEMENT EDGE ELEVATION

CURB & GUTTER 36-INCH, TYPE D 6-INCH SLOPE IS 3/8" (0.03') BELOW PAVEMENT EDGE ELEVATION

(2) SLOPE CONCRETE FILLER TOWARD DISCHARGE PIPE.

(3) CASTING HEIGHT/CONFIGURATION SHOWN IS FOR TYPE H OR H-S COVERS FOR INLETS.

(4) WHEN THE DIAMETER OF THE DISCHARGE PIPE IS LARGER THAN THAT OF THE INLET PIPE, THE ELEVATION OF THE TOP OF THE INLET PIPE SHOULD BE THE SAME AS OR HIGHER THAN THE ELEVATION OF THE INSIDE TOP OF THE DISCHARGE PIPE.

(5) PIPE CLEARANCE FROM TOP OF PIPE TO CUT OUT VARIES.
FOR INLETS, MINIMUM CLEARANCE VARIES FROM 9" TO 18".
FOR MANHOLES, MINIMUM CLEARANCE VARIES FROM 12" TO 18".

(6) FOR THE PLACEMENT OF THE CASTING AND ADJUSTMENT RINGS, A BUTYL BASE MASTIC WRAP SHALL BE INSTALLED AROUND THE CASTING AND ADJUSTMENT RINGS TO PROVIDE A WATERTIGHT SEAL. THE WRAP SHALL OVERLAP ONTO THE CASTING AND SIDE OF INLET BY A MINIMUM OF 2-INCHES. AREAS TO BE WRAPPED SHALL BE THOUROUGHLY CLEANED WITH A WIRE BRUSH AND PAINTED WITH AN ADHESIVE PRIMER. INSTALLATION OF WRAP IS INCIDENTAL TO PLACEMENT OF INLET.

(7) VARIABLE ACCORDING TO CURB & GUTTER TYPE:

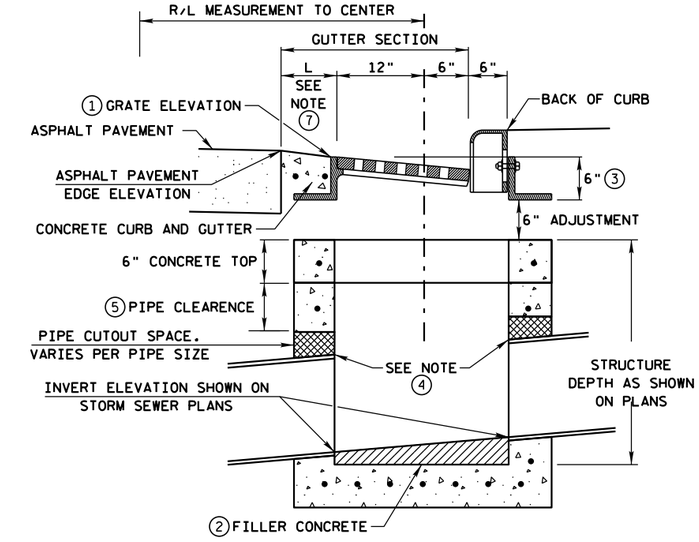
L=6-INCHES; CURB & GUTTER 30-INCH TYPE A OR D WITH TYPE H OR HS INLET COVER

L=6-INCHES; CURB & GUTTER 36-INCH TYPE D 6-INCH SLOPE WITH TYPE HM INLET COVER

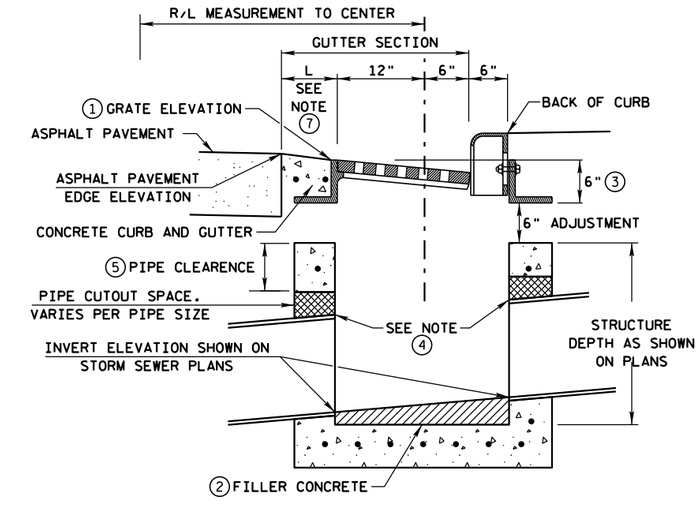
CONCRETE PIPE

ASSOCIATED PIPE WALL THICKNESS USED IN DEPTH COMPUTATIONS

PIPE	WALL THICKNESS
12"	2"
15"	2.25"
18"	2.5"
21"	2.75"
24"	3"
27"	3.25"
30"	3.5"
36"	4"
42"	4.5"
48"	5"
54"	5.5"

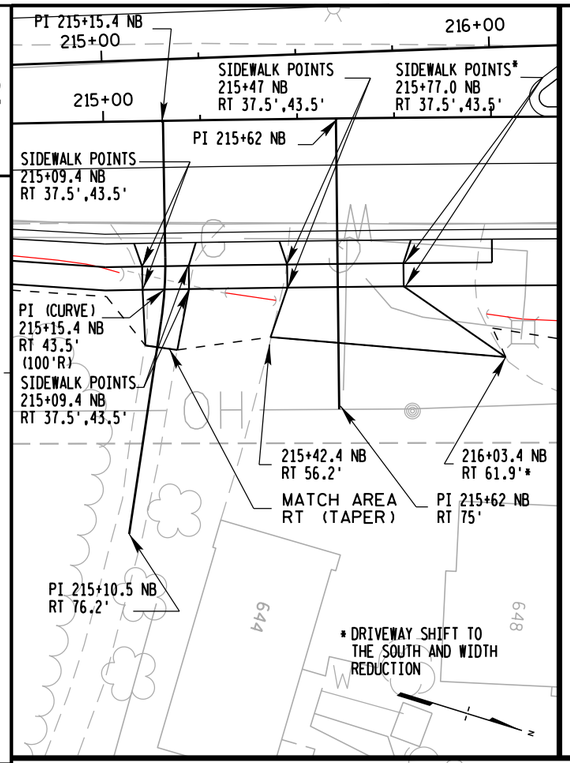


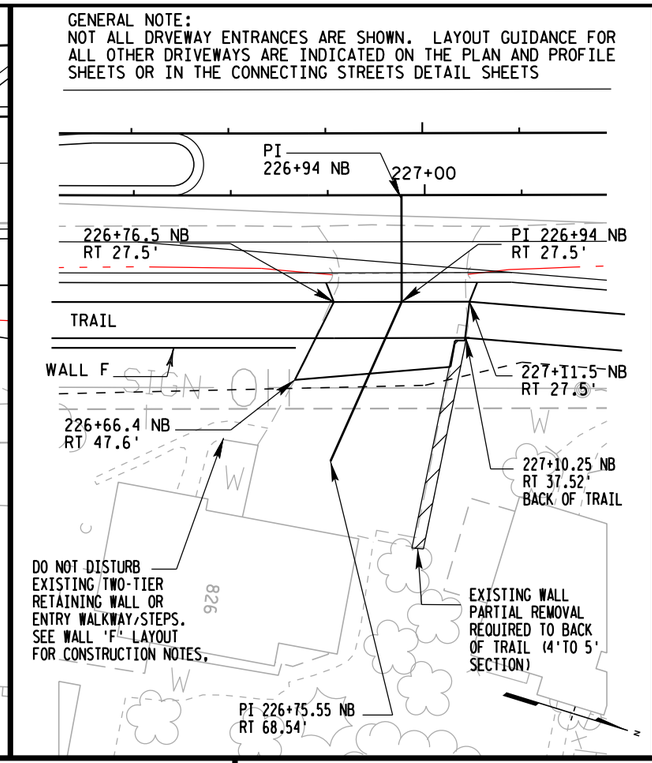
ROUND INLETS
3 FT. AND 4 FT DIAMETER

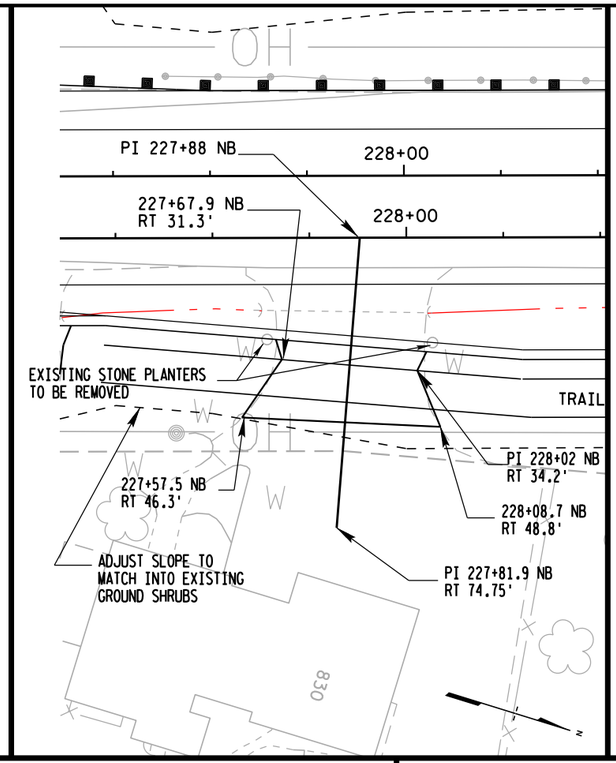


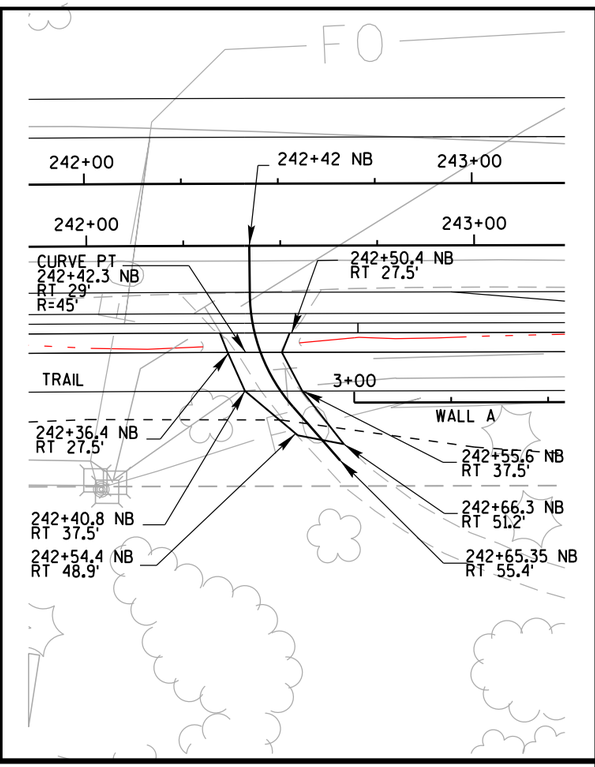
RECTANGULAR INLETS
2x3 FT

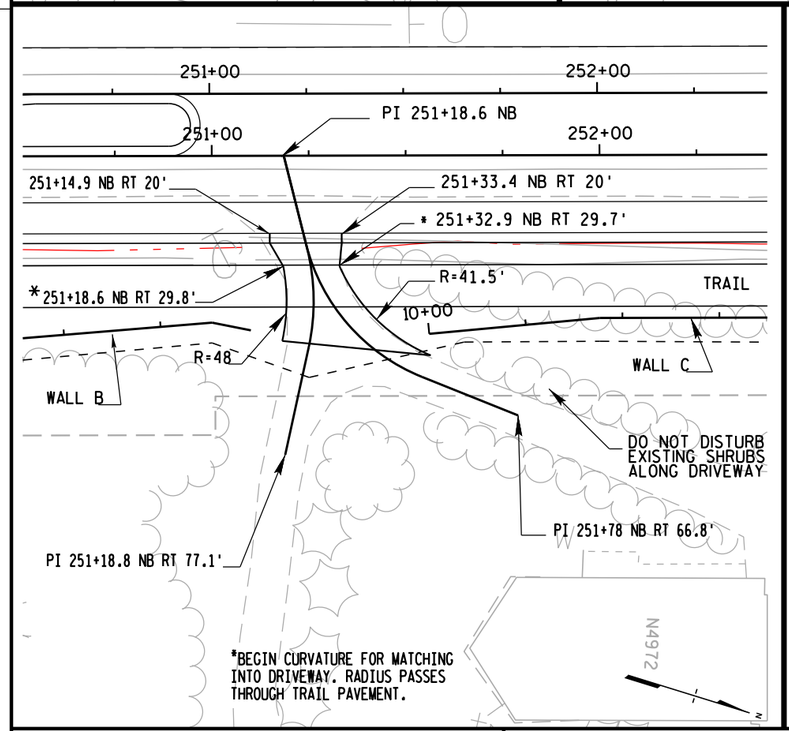
DETAILS FOR INLET DIMENSIONS ELEVATION AND OFFSET DATA

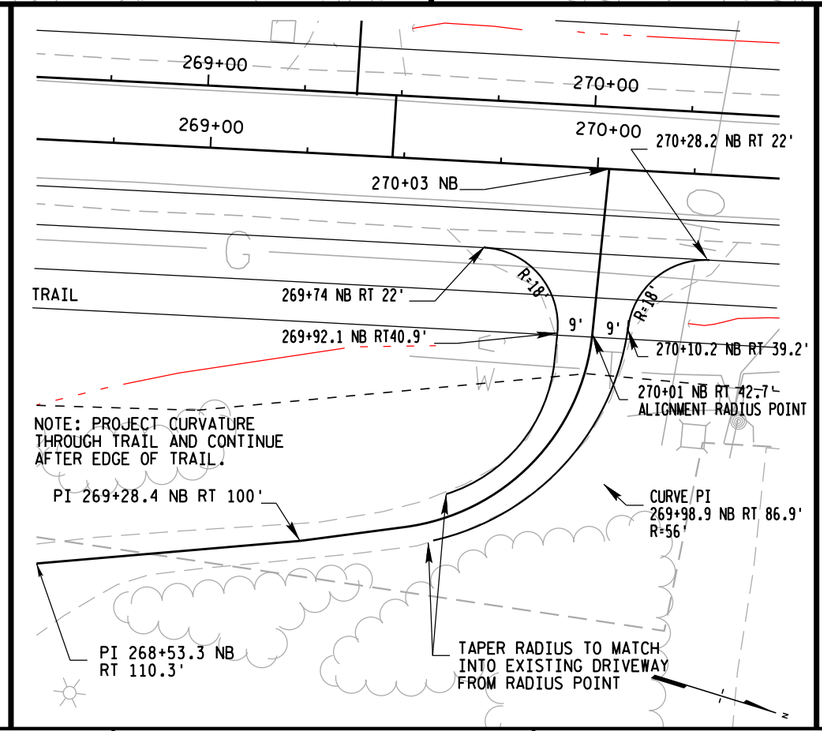


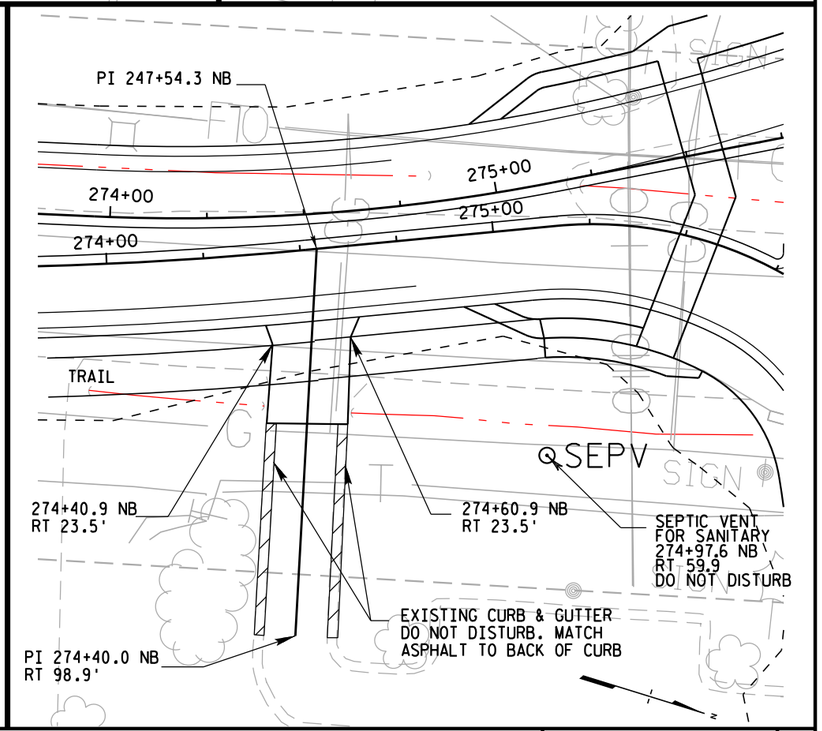




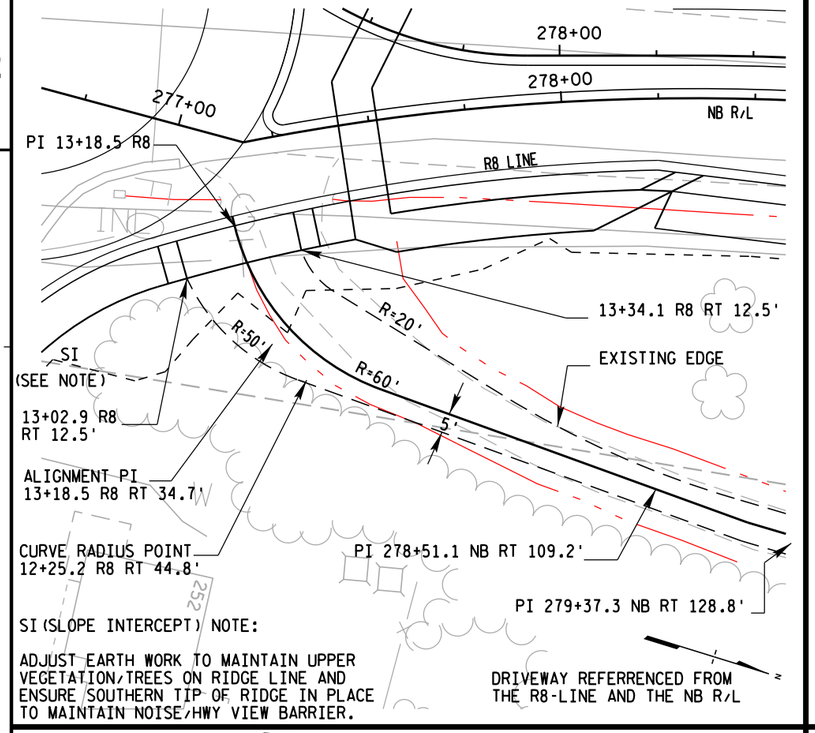


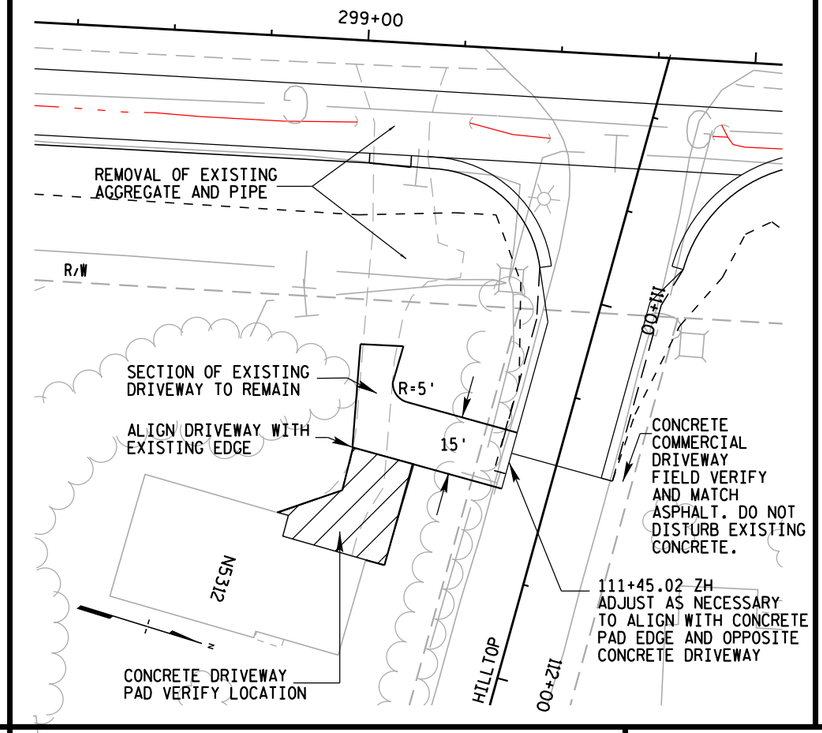


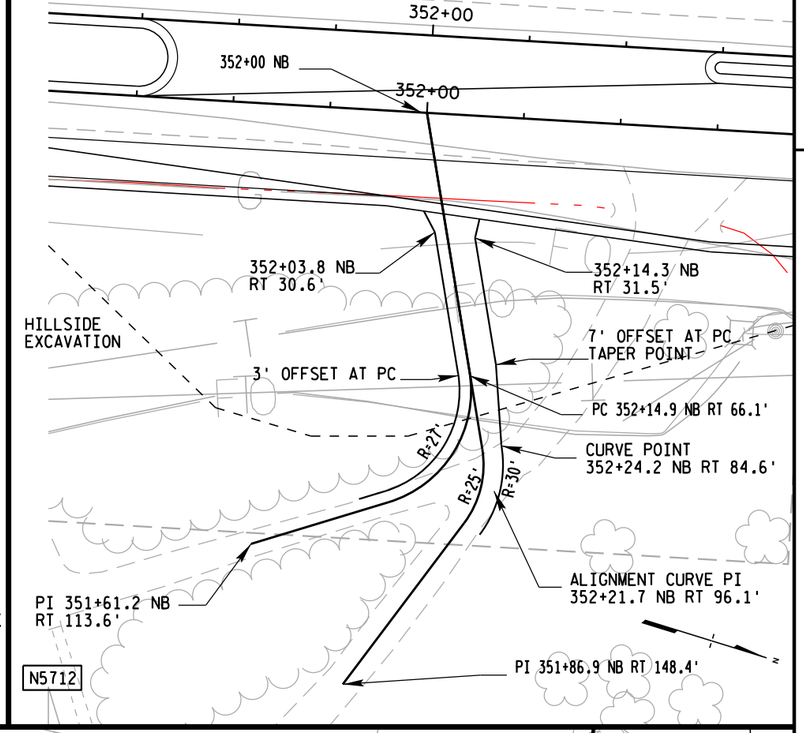


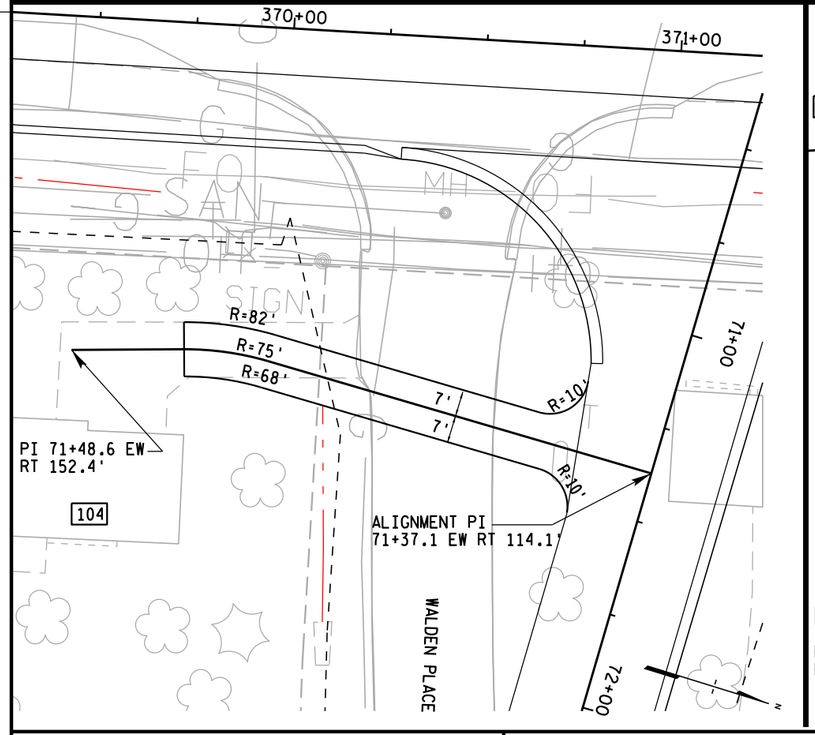


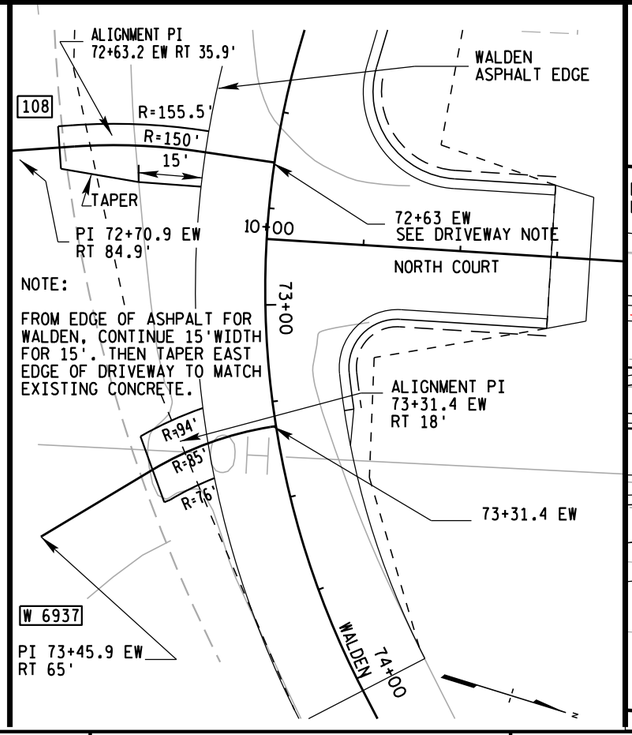
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS-DRIVEWAYS	SHEET	E

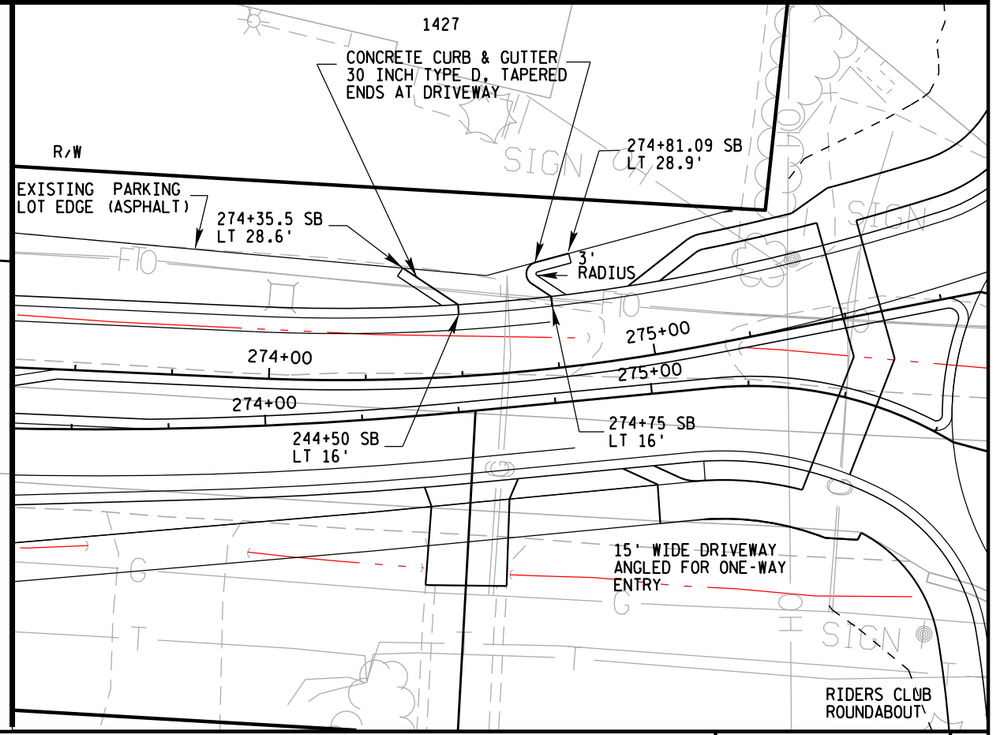




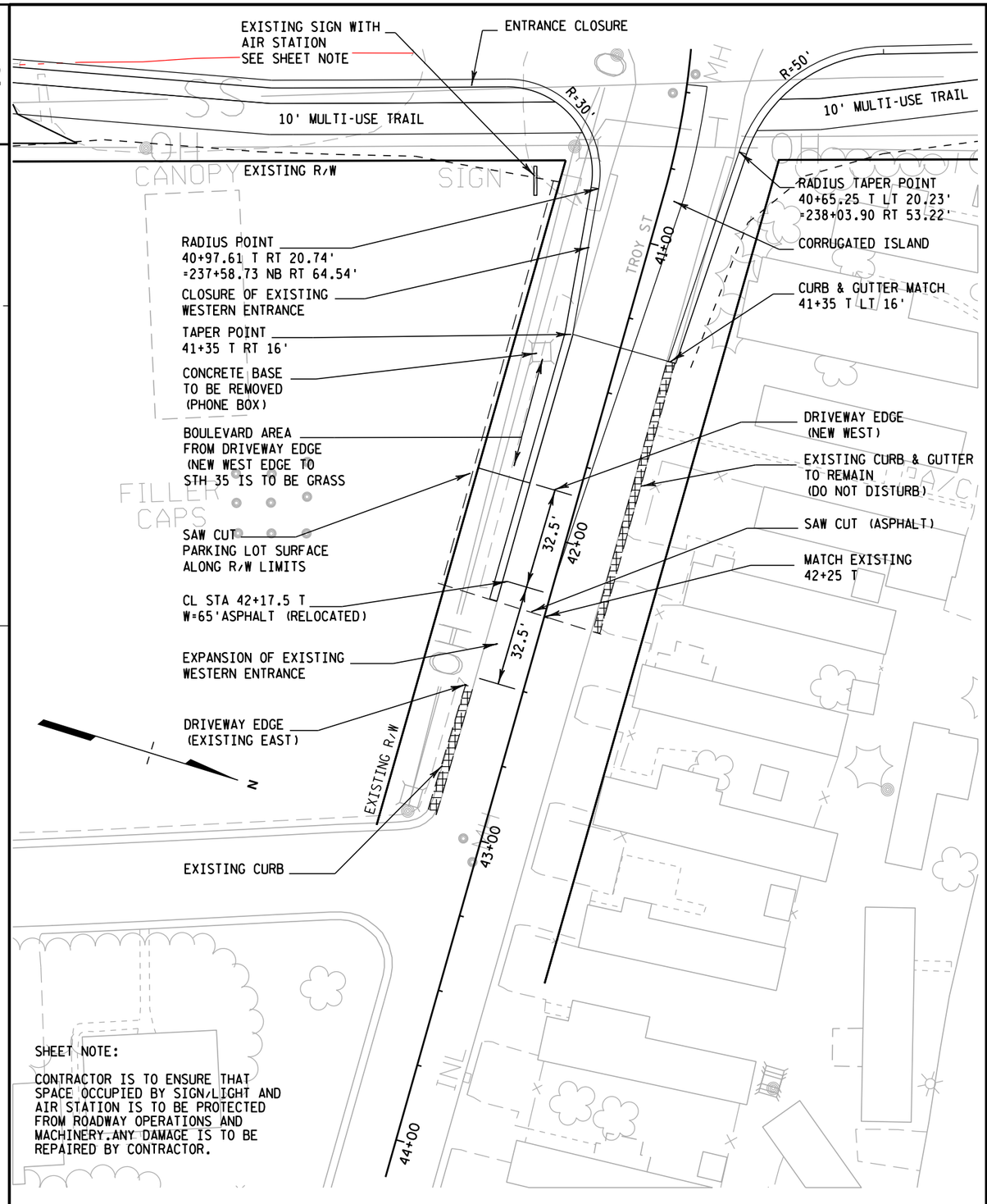






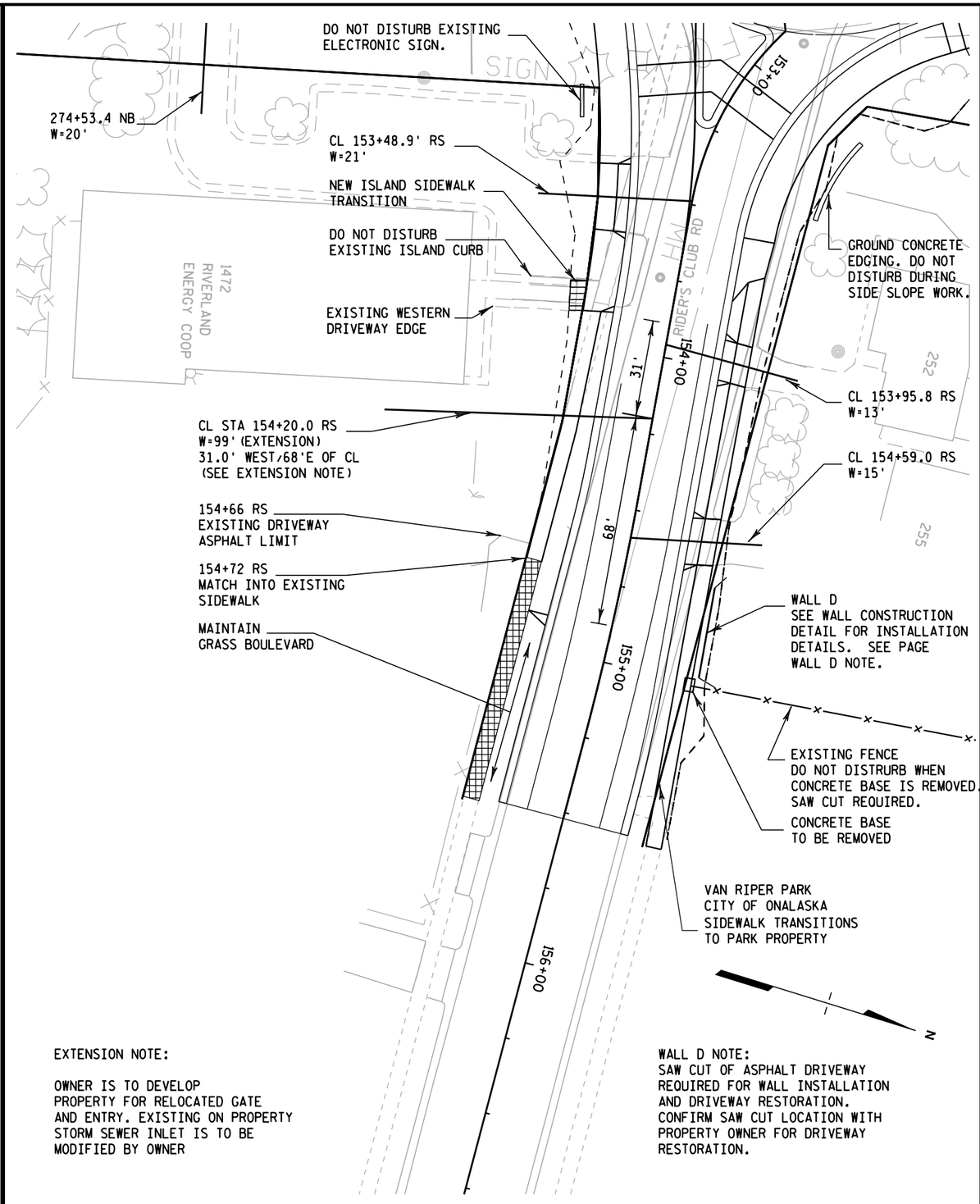


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CONSTRUCTION DETAILS-DRIVEWAYS	SHEET	E



SHEET NOTE:

CONTRACTOR IS TO ENSURE THAT SPACE OCCUPIED BY SIGN/LIGHT AND AIR STATION IS TO BE PROTECTED FROM ROADWAY OPERATIONS AND MACHINERY. ANY DAMAGE IS TO BE REPAIRED BY CONTRACTOR.

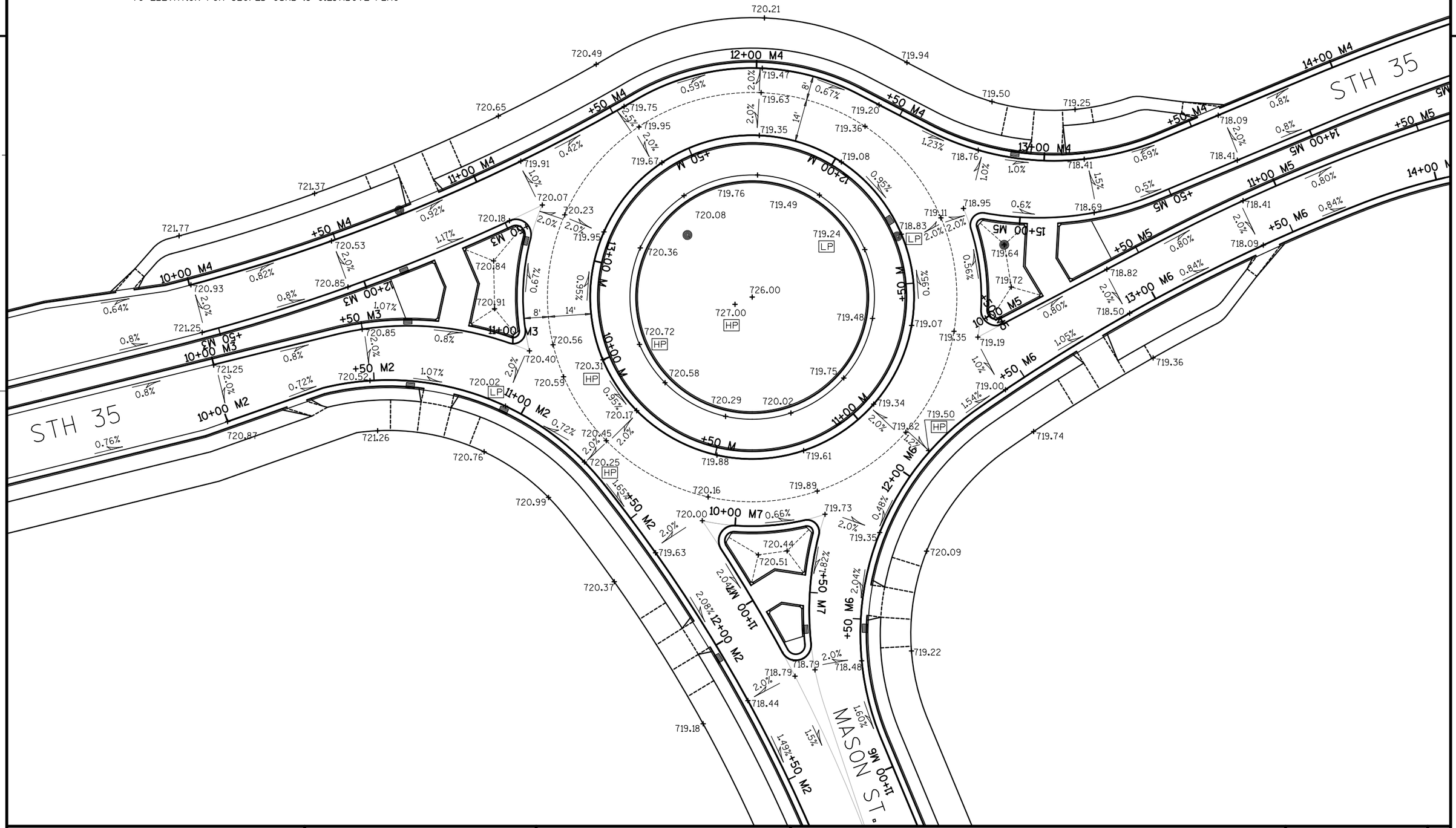


EXTENSION NOTE:

OWNER IS TO DEVELOP PROPERTY FOR RELOCATED GATE AND ENTRY. EXISTING ON PROPERTY STORM SEWER INLET IS TO BE MODIFIED BY OWNER

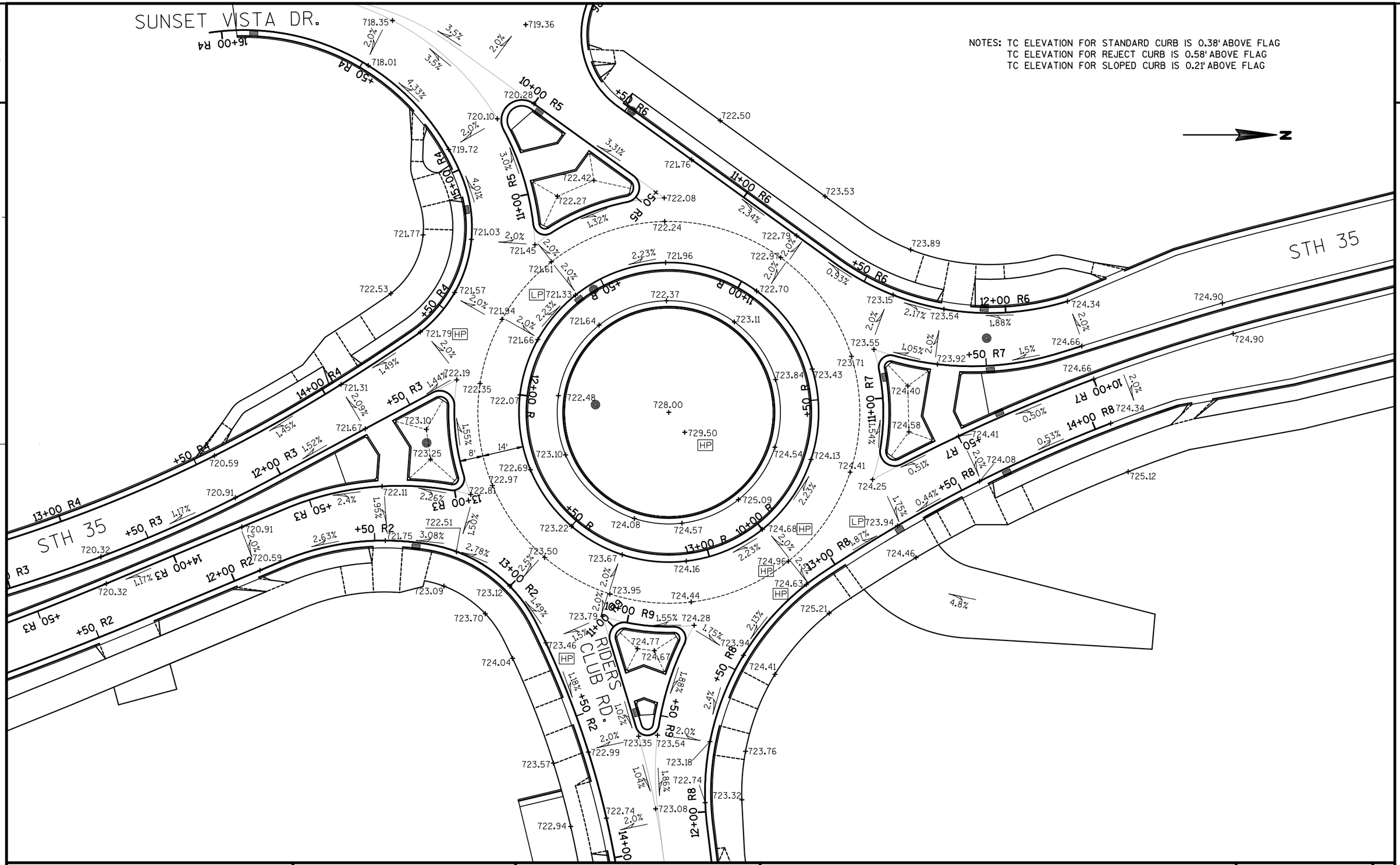
WALL D NOTE:
SAW CUT OF ASPHALT DRIVEWAY REQUIRED FOR WALL INSTALLATION AND DRIVEWAY RESTORATION. CONFIRM SAW CUT LOCATION WITH PROPERTY OWNER FOR DRIVEWAY RESTORATION.

NOTES: TC ELEVATION FOR STANDARD CURB IS 0.38' ABOVE FLAG
TC ELEVATION FOR REJECT CURB IS 0.58' ABOVE FLAG
TC ELEVATION FOR SLOPED CURB IS 0.21 ABOVE FLAG



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAIL - STH 35 AND MASON STREET	SHEET 37	E

FILE NAME : S:\MAD\1000--1099\1089\337\Micros\PLAN\021101_id.dgn PLOT DATE : 3/11/2014 PLOT BY : _username_ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAIL - STH 35/RIDERS CLUB ROAD	SHEET 38	E

FILE NAME : S:\MAD\1000--1099\1089\337\Micros\PLAN\021102_id.dgn PLOT DATE : 3/11/2014 PLOT BY : _username_ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTE:
ALL CURB AND GUTTER POINTS ARE TO FLANGE LINE UNLESS OTHERWISE NOTED

N

STH 35

RIDERS CLUB RD.

CRTA-8

R=38'

GRASS

HMA

CD-6

CCS-5

CS-5

CS-6

30(D)

30(R)

R4 ℞

R3 ℞

R2 ℞

R5 ℞

R6 ℞

R ℞

R7 ℞

R9 ℞

R8 ℞

CURVE R4-4

CURVE R5-5

CURVE R5-4

CURVE R4-3

CURVE R-3

CURVE R3-2

CURVE R4-2

CURVE R3-1

CURVE R4-1

CURVE R3-7

CURVE R2-1

CURVE R3-6

CURVE R3-5

CURVE R2-2

CURVE R3-3

CURVE R3-4

CURVE R2-3

CURVE R-4

CURVE R9-6

CURVE R9-5

CURVE R2-4

CURVE R2-5

CURVE R6-1

CURVE R5-3

CURVE R5-2

CURVE R5-1

CURVE R-2

CURVE R6-2

CURVE R7-4

CURVE R7-3

CURVE R7-5

CURVE R7-1

CURVE R8-4

CURVE R7-2

CURVE R-1

CURVE R8-3

CURVE R8-2

CURVE R9-1

CURVE R9-3

CURVE R9-2

CURVE R9-4

LEGEND

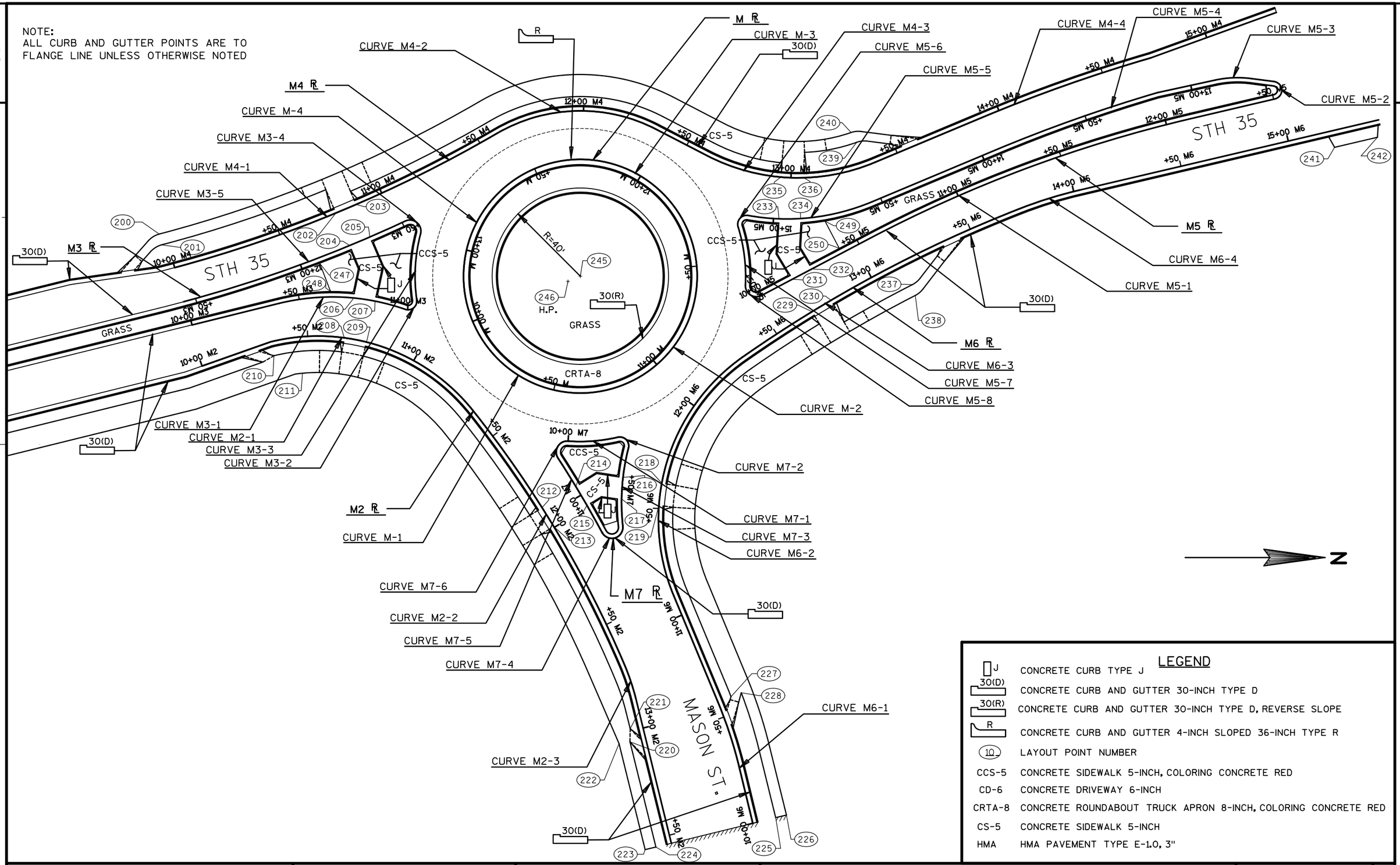
J	CONCRETE CURB TYPE J
30(D)	CONCRETE CURB & GUTTER 30-INCH TYPE D
30(R)	CONCRETE CURB & GUTTER 30-INCH TYPE D, REVERSE SLOPE
R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
(10)	LAYOUT POINT NUMBER
CCS-5	CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE RED
CD-6	CONCRETE DRIVEWAY 6-INCH
CRTA-8	CONCRETE ROUNDABOUT TRUCK APRON 8-INCH, COLORING CONCRETE RED
CS-5	CONCRETE SIDEWALK 5-INCH
CS-6	CONCRETE SIDEWALK 6-INCH
HMA	HMA PAVEMENT TYPE E-1.0, 3"
////	SAWING ASPHALT REQ'D
XXXX	SAWING CONCRETE REQ'D

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAIL - STH 35/RIDERS CLUB ROAD	SHEET 39	E

FILE NAME : S:\MAD\1000--1099\1089\337\Micros\PLAN\021201_pd.dgn PLOT DATE : 3/11/2014 PLOT BY : _username_ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$

WISDOT/CADDS SHEET 42

NOTE:
ALL CURB AND GUTTER POINTS ARE TO FLANGE LINE UNLESS OTHERWISE NOTED



LEGEND

J	CONCRETE CURB TYPE J
30(D)	CONCRETE CURB AND GUTTER 30-INCH TYPE D
30(R)	CONCRETE CURB AND GUTTER 30-INCH TYPE D, REVERSE SLOPE
R	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R
(10_)	LAYOUT POINT NUMBER
CCS-5	CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE RED
CD-6	CONCRETE DRIVEWAY 6-INCH
CRTA-8	CONCRETE ROUNDABOUT TRUCK APRON 8-INCH, COLORING CONCRETE RED
CS-5	CONCRETE SIDEWALK 5-INCH
HMA	HMA PAVEMENT TYPE E-1.0, 3"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAIL - STH 35 AND MASON STREET	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\337\Micros\PLAN\021202_pd.dgn PLOT DATE : 3/11/2014 PLOT BY : _username_ PLOT NAME : _____ PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

R LINE

CURVE R-1
P.I. = 10+51.00 R
Y = 166,305.09
X = 446,911.47
DELTA = 90° 00' 00.00" (LT)
D = 112° 20' 40.80"
T = 51.00
L = 80.11
R = 51.00
P.C. = 10+00.00 R
Y = 166,265.24
X = 446,943.30
P.T. = 10+80.11 R
Y = 166,273.26
X = 446,871.62

CURVE = R-2
P.I. = 11+31.11 R
Y = 166,241.44
X = 446,831.77
DELTA = 90° 00' 00.00" (LT)
D = 112° 20' 40.84"
T = 51.00
L = 80.11
R = 51.00
P.C. = 10+80.11 R
Y = 166,273.26
X = 446,871.62
P.T. = 11+60.22 R
Y = 166,201.59
X = 446,863.59

CURVE = R-3
P.I. = 12+11.20 R
Y = 166,161.75
X = 446,895.40
DELTA = 90° 00' 00.00" (LT)
D = 112° 23' 16.57"
T = 50.98
L = 80.08
R = 51.00
P.C. = 11+60.22 R
Y = 166,201.59
X = 446,863.59
P.T. = 12+40.30 R
Y = 166,193.56
X = 446,935.24

CURVE = R-4
P.I. = 12+91.32 R
Y = 166,225.40
X = 446,975.11
DELTA = 90° 00' 00.00" (LT)
D = 112° 18' 05.19"
T = 51.02
L = 80.14
R = 51.00
P.C. = 12+40.30 R
Y = 166,193.56
X = 446,935.24
P.T. = 13+20.44 R
Y = 166,265.27
X = 446,943.27

R2 LINE

CURVE = R2-1
P.I. = 11+26.59 R2
Y = 166,017.87
X = 446,989.16
DELTA = 3° 52' 13.17" (LT)
D = 5° 38' 21.65"
T = 34.33
L = 68.63
R = 1,016.00
P.C. = 10+92.26 R2
Y = 165,985.37
X = 447,000.23
P.T. = 11+60.89 R2
Y = 166,049.54
X = 446,975.93

CURVE = R2-2
P.I. = 12+44.17 R2
Y = 166,126.38
X = 446,943.83
DELTA = 32° 47' 22.37" (RT)
D = 63° 39' 43.12"
T = 26.48
L = 51.51
R = 90.00
P.C. = 12+17.69 R2
Y = 166,101.95
X = 446,954.03
P.T. = 12+69.19 R2
Y = 166,152.45
X = 446,948.48

CURVE = R2-3
P.I. = 12+94.34 R2
Y = 166,177.20
X = 446,952.89
DELTA = 53° 24' 06.33" (RT)
D = 114° 35' 29.61"
T = 25.15
L = 46.60
R = 50.00
P.C. = 12+69.19 R2
Y = 166,152.45
X = 446,948.48
P.T. = 13+15.79 R2
Y = 166,188.42
X = 446,975.40

CURVE = R2-4
P.I. = 13+67.54 R2
Y = 166,211.49
X = 447,021.71
DELTA = 19° 34' 18.64" (RT)
D = 19° 05' 54.94"
T = 51.74
L = 102.48
R = 300.00
P.C. = 13+15.79 R2
Y = 166,188.42
X = 446,975.40
P.T. = 14+18.27 R2
Y = 166,217.72
X = 447,073.08

CURVE = R2-5
P.I. = 14+84.50 R2
Y = 166,225.69
X = 447,138.82
DELTA = 4° 25' 03.08" (RT)
D = 19° 05' 54.94"
T = 11.57
L = 23.13
R = 300.00
P.C. = 14+72.93 R2
Y = 166,224.30
X = 447,127.34
P.T. = 14+96.06 R2
Y = 166,226.19
X = 447,150.38

R3 LINE

CURVE = R3-1
P.I. = 11+38.30 R3
Y = 166,046.40
X = 446,953.99
DELTA = 13° 36' 20.79" (LT)
D = 11° 27' 32.96"
T = 59.65
L = 118.73
R = 500.00
P.C. = 10+78.65 R3
Y = 165,988.69
X = 446,969.07
P.T. = 11+97.38 R3
Y = 166,098.95
X = 446,925.77

CURVE = R3-2
P.I. = 12+67.50 R3
Y = 166,160.71
X = 446,892.59
DELTA = 119° 57' 56.04" (RT)
D = 1145° 54' 56.12"
T = 8.65
L = 10.47
R = 5.00
P.C. = 12+58.84 R3
Y = 166,153.09
X = 446,896.69
P.T. = 12+69.31 R3
Y = 166,160.45
X = 446,901.24

CURVE = R3-3
P.I. = 12+81.38 R3
Y = 166,160.09
X = 446,913.30
DELTA = 18° 46' 13.03" (LT)
D = 78° 29' 15.29"
T = 12.07
L = 23.91
R = 73.00
P.C. = 12+69.31 R3
Y = 166,160.45
X = 446,901.24
P.T. = 12+93.23 R3
Y = 166,163.63
X = 446,924.84

CURVE = R3-4
P.I. = 12+99.76 R3
Y = 166,165.54
X = 446,931.08
DELTA = 117° 02' 08.43" (RT)
D = 1432° 23' 14.39"
T = 6.53
L = 8.17
R = 4.00
P.C. = 12+93.23 R3
Y = 166,163.63
X = 446,924.84
P.T. = 13+01.40 R3
Y = 166,159.11
T = 29.30

CURVE = R3-5
P.I. = 13+30.70 R3
Y = 166,130.25
X = 446,924.87
DELTA = 32° 39' 51.36" (LT)
D = 57° 17' 44.81"
X = 446,929.95
L = 57.01
R = 100.00
P.C. = 13+01.40 R3
Y = 166,159.11
X = 446,929.95
P.T. = 13+58.41 R3
Y = 166,103.21
X = 446,936.16

CURVE = R3-6
P.I. = 14+64.12 R3
Y = 166,005.68
X = 446,976.91
DELTA = 4° 40' 44.28" (RT)
D = 5° 43' 46.48"
T = 40.85
L = 81.66
R = 1,000.00
P.C. = 14+23.26 R3
Y = 166,043.37
X = 446,961.17
P.T. = 15+04.92 R3
Y = 165,966.82
X = 446,989.54

CURVE = R3-7
P.I. = 16+02.00 R3
Y = 165,872.93
X = 447,014.19
DELTA = 168° 51' 59.60" (RT)
D = 1273° 14' 22.36"
T = 46.17
L = 13.26
R = 4.50
P.C. = 15+55.83 R3
Y = 165,917.58
X = 447,002.47
P.T. = 15+69.09 R3
Y = 165,914.48
X = 446,994.06

R4 LINE

CURVE = R4-1
P.I. = 13+20.20 R4
Y = 166,046.67
X = 446,937.39
DELTA = 15° 05' 24.67" (LT)
D = 11° 50' 16.70"
T = 64.11
L = 127.47
R = 484.00
P.C. = 12+56.10 R4
Y = 165,984.64
X = 446,953.59
P.T. = 13+83.57 R4
Y = 166,102.34
X = 446,905.60

CURVE = R4-2
P.I. = 14+10.04 R4
Y = 166,125.33
X = 446,892.47
DELTA = 5° 03' 08.17" (LT)
D = 9° 32' 57.47"
T = 26.47
L = 52.91
R = 600.00
P.C. = 13+83.57 R4
Y = 166,102.34
X = 446,905.60
P.T. = 14+36.48 R4
Y = 166,147.07
X = 446,877.37

CURVE = R4-3
P.I. = 14+72.17 R4
Y = 166,176.39
X = 446,857.02
DELTA = 76° 50' 17.99" (LT)
D = 127° 19' 26.24"
T = 35.69
L = 60.35
R = 45.00
P.C. = 14+36.48 R4
Y = 166,147.07
X = 446,877.37
P.T. = 14+96.82 R4
Y = 166,163.24
X = 446,823.83

CURVE = R4-4
P.I. = 15+60.27 R4
Y = 166,139.87
X = 446,764.86
DELTA = 76° 49' 48.64" (LT)
D = 71° 37' 11.01"
T = 63.44
L = 107.28
R = 80.00
P.C. = 14+96.82 R4
Y = 166,163.24
X = 446,823.83
P.T. = 16+04.10 R4
Y = 166,077.11
X = 446,774.17

R5 LINE

CURVE = R5-1
P.I. = 10+53.22 R5
Y = 166,230.65
X = 446,829.59
DELTA = 133° 02' 09.49" (RT)
D = 1145° 54' 56.12"
T = 11.51
L = 11.61
R = 5.00
P.C. = 10+41.71 R5
Y = 166,221.32
X = 446,822.85
P.T. = 10+53.32 R5
Y = 166,219.35
X = 446,831.81

CURVE = R5-2
P.I. = 10+67.55 R5
Y = 166,205.39
X = 446,834.55
DELTA = 22° 03' 39.87" (LT)
D = 78° 29' 14.53"
T = 14.23
L = 28.11
R = 73.00
P.C. = 10+53.32 R5
Y = 166,219.35
X = 446,831.81
P.T. = 10+81.43 R5
Y = 166,193.48
X = 446,842.34

CURVE = R5-3
P.I. = 10+87.89 R5
Y = 166,188.07
X = 446,845.87
DELTA = 116° 28' 52.28" (RT)
D = 1432° 23' 40.17"
T = 6.46
L = 8.13
R = 4.00
P.C. = 10+81.43 R5
Y = 166,193.48
X = 446,842.34
P.T. = 10+89.56 R5
Y = 166,187.32
X = 446,839.45

CURVE = R5-4
P.I. = 11+06.66 R5
Y = 166,185.32
X = 446,822.47
DELTA = 21° 30' 57.52" (LT)
D = 63° 39' 43.12"
T = 17.10
L = 33.80
R = 90.00
P.C. = 10+89.56 R5
Y = 166,187.32
X = 446,839.45
P.T. = 11+23.36 R5
Y = 166,177.24
X = 446,807.40

CURVE = R5-5
P.I. = 11+53.75 R5
Y = 166,162.88
X = 446,780.62
DELTA = 154° 03' 35.62" (RT)
D = 818° 30' 40.09"
T = 30.39
L = 18.82
R = 7.00
P.C. = 11+23.36 R5
Y = 166,177.24
X = 446,807.40
P.T. = 11+42.18 R5
Y = 166,187.51
X = 446,798.42

R6 LINE

CURVE = R6-1
P.I. = 10+30.00 R6
Y = 166,191.73
X = 446,781.73
DELTA = 90° 00' 00.00" (LT)
D = 190° 59' 09.35"
T = 30.00
L = 47.12
R = 30.00
P.C. = 10+00.00 R6
Y = 166,209.30
X = 446,757.41
P.T. = 10+47.12 R6
Y = 166,216.04
X = 446,799.30

CURVE = R6-2
P.I. = 11+83.03 R6
Y = 166,326.20
X = 446,878.90
DELTA = 53° 03' 17.94" (LT)
D = 63° 39' 43.12"
T = 44.93
L = 83.34
R = 90.00
P.C. = 11+38.11 R6
Y = 166,289.79
X = 446,852.59
P.T. = 12+21.45 R6
Y = 166,369.12
X = 446,865.62

R7 LINE

CURVE = R7-1
P.I. = 10+35.86 R7
Y = 166,344.45
X = 446,904.68
DELTA = 6° 50' 28.37" (LT)
D = 9° 32' 57.47"
T = 35.86
L = 71.64
R = 600.00
P.C. = 10+00.00 R7
Y = 166,378.04
X = 446,892.14
P.T. = 10+71.64 R7
Y = 166,312.58
X = 446,921.13

CURVE = R7-2
P.I. = 10+81.69 R7
Y = 166,303.65
X = 446,925.74
DELTA = 127° 05' 19.53" (RT)
D = 1145° 54' 56.14"
T = 10.05
L = 11.09
R = 5.00
P.C. = 10+71.64 R7
Y = 166,312.58
X = 446,921.13
P.T. = 10+82.73 R7
Y = 166,305.36
X = 446,915.84

CURVE = R7-3
P.I. = 10+96.49 R7
Y = 166,307.70
X = 446,902.28
DELTA = 21° 21' 10.70" (LT)
D = 78° 29' 14.53"
T = 13.76
L = 27.21
R = 73.00
P.C. = 10+82.73 R7
Y = 166,305.36
X = 446,915.84
P.T. = 11+09.94 R7
Y = 166,304.94
X = 446,888.79

CURVE = R7-4
P.I. = 11+16.47 R7
Y = 166,303.62
X = 446,882.39
DELTA = 117° 02' 08.49" (RT)
D = 1432° 23' 40.18"
T = 6.53
L = 8.17
R = 4.00
P.C. = 11+09.94 R7
Y = 166,304.94
X = 446,888.79
P.T. = 11+18.11 R7
Y = 166,309.92
X = 446,884.14

CURVE = R7-5
P.I. = 11+47.41 R7
Y = 166,338.16
X = 446,891.95
DELTA = 32° 39' 51.43" (LT)
D = 57° 17' 44.81"
T = 29.30
L = 57.01
R = 100.00
P.C. = 11+18.11 R7
Y = 166,309.92
X = 446,884.14
P.T. = 11+75.12 R7
Y = 166,366.15
X = 446,883.28

R8 LINE

CURVE = R8-1
P.I. = 10+29.99 R8
Y = 166,266.34
X = 447,208.23
DELTA = 4° 23' 57.87" (LT)
D = 11° 27' 32.96"
T = 19.21
L = 38.39
R = 500.00
P.C. = 10+10.78 R8
Y = 166,267.18
X = 447,227.41
P.T. = 10+49.17 R8
Y = 166,264.03
X = 447,189.16

CURVE = R8-2
P.I. = 12+51.00 R8
Y = 166,239.74
X = 446,988.80
DELTA = 63° 08' 45.30" (RT)
D = 63° 39' 43.12"
T = 55.31
L = 99.19
R = 90.00
P.C. = 11+95.69 R8
Y = 166,246.40
X = 447,043.71
P.T. = 12+94.87 R8
Y = 166,285.72
X = 446,958.06

CURVE = R8-3
P.I. = 13+06.55 R8
Y = 166,295.43
X = 446,951.57
DELTA = 2° 40' 33.44" (RT)
D = 11° 27' 32.96"
T = 11.68
L = 23.35
R = 500.00
P.C. = 12+94.87 R8
Y = 166,285.72
X = 446,958.06
P.T. = 13+18.23 R8
Y = 166,305.43
X = 446,945.54

CURVE = R8-4
P.I. = 13+62.04 R8
Y = 166,342.95
X = 446,922.92
DELTA = 10° 00' 58.42" (RT)
D = 11° 27' 32.96"
T = 43.82
L = 87.41
R = 500.00
P.C. = 13+18.23 R8
Y = 166,305.43
X = 446,945.54
P.T. = 14+05.63 R8
Y = 166,383.83
X = 446,907.16

R9 LINE

CURVE = R9-1
P.I. = 10+08.00 R9
Y = 166,227.06
X = 446,976.60
DELTA = 12° 30' 30.96" (LT)
D = 78° 29' 14.53"
T = 8.00
L = 15.94
R = 73.00
P.C. = 10+00.00 R9
Y = 166,219.21
X = 446,975.04
P.T. = 10+15.94 R9
Y = 166,235.05
X = 446,976.42

CURVE = R9-2
P.I. = 10+22.47 R9
Y = 166,241.58
X = 446,976.27
DELTA = 117° 02' 08.57" (RT)
D = 1432° 23' 40.16"
T = 6.53
L = 8.17
R = 4.00
P.C. = 10+15.94 R9
Y = 166,235.05
X = 446,976.42
P.T. = 10+24.11 R9
Y = 166,238.75
X = 446,982.16

CURVE = R9-3
P.I. = 10+38.87 R9
Y = 166,232.33
X = 446,995.45
DELTA = 16° 47' 48.89" (LT)
D = 57° 17' 45.34"
T = 14.76
L = 29.32
R = 100.00
P.C. = 10+24.11 R9
Y = 166,238.75
X = 446,982.16
P.T. = 10+53.42 R9
Y = 166,230.03
X = 447,010.04

CURVE = R9-4
P.I. = 10+71.31 R9
Y = 166,227.25
X = 447,027.70
DELTA = 154° 47' 03.88" (RT)
D = 1432° 23' 29.08"
T = 17.88
L = 10.81
R = 4.00
P.C. = 10+53.42 R9
Y = 166,230.03
X = 447,010.04
P.T. = 10+64.23 R9
Y = 166,222.24
X = 447,010.54

CURVE = R9-5
P.I. = 10+65.69 R9
Y = 166,221.83
X = 447,009.14
DELTA = 0° 33' 23.25" (LT)
D = 19° 05' 56.75"
T = 1.46
L = 2.91
R = 300.00
P.C. = 10+64.23 R9
Y = 166,222.24
X = 447,010.54
P.T. = 10+67.14 R9
Y = 166,221.41
X = 447,007.74

CURVE = R9-6
P.I. = 11+03.00 R9
Y = 166,211.04
X = 446,973.42
DELTA = 118° 02' 30.59" (RT)
D = 1145° 54' 56.12"
T = 8.33
L = 10.30
R = 5.00
P.C. = 10+94.67 R9
Y = 166,213.45
X = 446,981.39
P.T. = 11+04.97 R9
Y = 166,219.21
X = 446,975.04

2

M LINE

CURVE = M-1	CURVE = M-2	CURVE = M-3	CURVE = M-4
P.I. = 10+53.00 M	P.I. = 11+36.25 M	P.I. = 12+19.50 M	P.I. = 13+02.76 M
Y = 167,252.93	Y = 167,350.66	Y = 167,309.63	Y = 167,211.89
X = 446,755.78	X = 446,714.75	X = 446,617.01	X = 446,658.05
DELTA = 90° 00' 00.00" (LT)	DELTA = 90° 00' 00.00" (LT)	DELTA = 90° 00' 00.00" (LT)	DELTA = 90° 00' 00.00" (LT)
D = 108° 06' 18.88"	D = 108° 06' 18.88"	D = 108° 06' 23.38"	D = 108° 06' 14.38"
T = 53.00	T = 53.00	T = 53.00	T = 53.00
L = 83.25	L = 83.25	L = 83.25	L = 83.25
R = 53.00	R = 53.00	R = 53.00	R = 53.00
P.C. = 10+00.00 M	P.C. = 10+83.25 M	P.C. = 11+66.50 M	P.C. = 12+49.76 M
Y = 167,232.41	Y = 167,301.79	Y = 167,330.14	Y = 167,260.76
X = 446,706.91	X = 446,735.26	X = 446,665.88	X = 446,637.53
P.T. = 10+83.25 M	P.T. = 11+66.50 M	P.T. = 12+49.76 M	P.T. = 13+33.01 M
Y = 167,301.79	Y = 167,330.14	Y = 167,260.76	Y = 167,232.41
X = 446,735.26	X = 446,665.88	X = 446,637.53	X = 446,706.92

M2 LINE

CURVE = M2-1	CURVE = M2-2	CURVE = M2-3
P.I. = 10+90.68 M2	P.I. = 12+03.19 M2	P.I. = 12+78.08 M2
Y = 167,196.74	Y = 167,274.76	Y = 167,304.48
X = 446,702.33	X = 446,800.40	X = 446,870.02
DELTA = 65° 21' 59.95" (RT)	DELTA = 15° 23' 37.94" (RT)	DELTA = 9° 17' 35.38" (RT)
D = 63° 39' 43.12"	D = 11° 27' 32.96"	D = 57° 17' 44.81"
T = 57.74	T = 67.58	T = 8.13
L = 102.68	L = 134.34	L = 16.22
R = 90.00	R = 500.00	R = 100.00
P.C. = 10+32.94 M2	P.C. = 11+35.62 M2	P.C. = 12+69.96 M2
Y = 167,140.68	Y = 167,232.69	Y = 167,301.29
X = 446,716.18	X = 446,747.52	X = 446,862.55
P.T. = 11+35.62 M2	P.T. = 12+69.96 M2	P.T. = 12+86.17 M2
Y = 167,232.69	Y = 167,301.29	Y = 167,306.42
X = 446,747.52	X = 446,862.55	X = 446,877.92

M3 LINE

CURVE = M3-1	CURVE = M3-2	CURVE = M3-3	CURVE = M3-4	CURVE = M3-5
P.I. = 10+70.67 M3	P.I. = 11+05.39 M3	P.I. = 11+22.27 M3	P.I. = 11+47.79 M3	P.I. = 12+02.14 M3
Y = 167,173.63	Y = 167,207.98	Y = 167,204.87	Y = 167,211.50	Y = 167,153.15
X = 446,691.56	X = 446,703.61	X = 446,681.97	X = 446,656.90	X = 446,684.07
DELTA = 33° 12' 02.27" (RT)	DELTA = 117° 31' 04.35" (LT)	DELTA = 23° 00' 31.67" (RT)	DELTA = 129° 47' 13.26" (LT)	DELTA = 9° 57' 48.36" (RT)
D = 57° 17' 44.81"	D = 1432° 23' 40.16"	D = 76° 23' 39.74"	D = 1145° 54' 56.12"	D = 9° 18' 04.55"
T = 29.81	T = 6.59	T = 15.26	T = 10.67	T = 53.69
L = 57.95	L = 8.20	L = 30.12	L = 11.33	L = 107.12
R = 100.00	R = 4.00	R = 75.00	R = 5.00	R = 616.00
P.C. = 10+40.85 M3	P.C. = 10+98.80 M3	P.C. = 11+07.00 M3	P.C. = 11+37.12 M3	P.C. = 11+48.45 M3
Y = 167,144.68	Y = 167,201.76	Y = 167,207.04	Y = 167,208.77	Y = 167,201.83
X = 446,698.71	X = 446,701.43	X = 446,697.08	X = 446,667.22	X = 446,661.40
P.T. = 10+98.80 M3	P.T. = 11+07.00 M3	P.T. = 11+37.12 M3	P.T. = 11+48.45 M3	P.T. = 12+55.57 M3
Y = 167,201.76	Y = 167,207.04	Y = 167,208.77	Y = 167,201.83	Y = 167,101.29
X = 446,701.43	X = 446,697.08	X = 446,667.22	X = 446,661.40	X = 446,697.97

M4 LINE

CURVE = M4-1	CURVE = M4-2	CURVE = M4-3	CURVE = M4-4
P.I. = 10+80.00 M4	P.I. = 12+00.28 M4	P.I. = 13+02.31 M4	P.I. = 14+32.32 M4
Y = 167,174.41	Y = 167,279.19	Y = 167,376.04	Y = 167,500.97
X = 446,661.80	X = 446,600.84	X = 446,651.05	X = 446,598.72
DELTA = 15° 11' 18.94" (LT)	DELTA = 57° 35' 50.71" (RT)	DELTA = 50° 07' 41.92" (LT)	DELTA = 6° 30' 59.54" (RT)
D = 9° 32' 57.47"	D = 76° 23' 39.74"	D = 63° 39' 43.12"	D = 8° 00' 07.93"
T = 80.00	T = 41.23	T = 42.09	T = 40.76
L = 159.05	L = 75.39	L = 78.74	L = 81.43
R = 600.00	R = 75.00	R = 90.00	R = 716.00
P.C. = 10+00.00 M4	P.C. = 11+59.05 M4	P.C. = 12+60.22 M4	P.C. = 13+91.55 M4
Y = 167,097.15	Y = 167,243.56	Y = 167,338.67	Y = 167,463.38
X = 446,682.52	X = 446,621.57	X = 446,631.67	X = 446,614.47
P.T. = 11+59.05 M4	P.T. = 12+34.45 M4	P.T. = 13+38.96 M4	P.T. = 14+72.99 M4
Y = 167,243.56	Y = 167,315.80	Y = 167,414.86	Y = 167,540.11
X = 446,621.57	X = 446,619.81	X = 446,634.79	X = 446,587.34

M5 LINE

CURVE = M5-1	CURVE = M5-2	CURVE = M5-3	CURVE = M5-4	CURVE = M5-5	CURVE = M5-6	CURVE = M5-7	CURVE = M5-8
P.I. = 11+33.28 M5	P.I. = 12+72.47 M5	P.I. = 12+80.49 M5	P.I. = 13+54.64 M5	P.I. = 14+83.77 M5	P.I. = 15+18.23 M5	P.I. = 15+33.37 M5	P.I. = 15+55.43 M5
Y = 167,481.41	Y = 167,617.74	Y = 167,577.51	Y = 167,505.58	Y = 167,386.40	Y = 167,350.88	Y = 167,356.89	Y = 167,355.70
X = 446,632.99	X = 446,600.99	X = 446,595.65	X = 446,614.14	X = 446,664.05	X = 446,657.70	X = 446,676.91	X = 446,699.22
DELTA = 14° 34' 20.28" (RT)	DELTA = 159° 14' 12.79" (LT)	DELTA = 19° 49' 58.70" (LT)	DELTA = 6° 23' 13.38" (LT)	DELTA = 32° 51' 43.29" (RT)	DELTA = 117° 31' 04.46" (LT)	DELTA = 20° 27' 26.17" (RT)	DELTA = 120° 51' 35.93" (LT)
D = 9° 18' 04.55"	D = 1432° 23' 40.16"	D = 120° 37' 21.70"	D = 8° 11' 06.40"	D = 57° 17' 44.81"	D = 1432° 23' 40.15"	D = 76° 23' 40.59"	D = 1145° 54' 36.57"
T = 78.76	T = 21.83	T = 8.30	T = 39.06	T = 29.49	T = 6.59	T = 13.53	T = 8.81
L = 156.67	L = 11.12	L = 16.44	L = 78.03	L = 57.36	L = 8.20	L = 26.78	L = 10.55
R = 616.00	R = 4.00	R = 47.50	R = 700.00	R = 100.00	R = 4.00	R = 75.00	R = 5.00
P.C. = 10+54.52 M5	P.C. = 12+50.63 M5	P.C. = 12+72.19 M5	P.C. = 13+15.58 M5	P.C. = 14+54.28 M5	P.C. = 15+11.63 M5	P.C. = 15+19.84 M5	P.C. = 15+46.6 M5
Y = 167,411.72	Y = 167,596.48	Y = 167,585.74	Y = 167,543.06	Y = 167,413.60	Y = 167,357.37	Y = 167,352.85	Y = 167,356.17
X = 446,669.70	X = 446,605.98	X = 446,596.74	X = 446,603.15	X = 446,652.66	X = 446,658.86	X = 446,663.99	X = 446,690.42
P.T. = 11+11.19 M5	P.T. = 12+61.75 M5	P.T. = 12+88.63 M5	P.T. = 13+93.62 M5	P.T. = 15+11.63 M5	P.T. = 15+19.84 M5	P.T. = 15+46.61 M5	P.T. = 15+57.16 M5
Y = 167,558.08	Y = 167,596.09	Y = 167,569.40	Y = 167,469.56	Y = 167,357.37	Y = 167,352.85	Y = 167,356.17	Y = 167,363.49
X = 446,614.99	X = 446,598.12	X = 446,597.42	X = 446,629.23	X = 446,658.86	X = 446,663.99	X = 446,690.42	X = 446,695.11

M6 LINE

CURVE = M6-1	CURVE = M6-2	CURVE = M6-3	CURVE = M6-4
P.I. = 10+41.55 M6	P.I. = 11+82.04 M6	P.I. = 13+03.18 M6	P.I. = 13+88.47 M6
Y = 167,349.76	Y = 167,295.78	Y = 167,413.82	Y = 167,493.88
X = 446,894.16	X = 446,764.39	X = 446,681.89	X = 446,650.61
DELTA = 8° 59' 29.01" (LT)	DELTA = 77° 38' 08.05" (RT)	DELTA = 13° 36' 38.99" (RT)	DELTA = 8° 07' 48.00" (RT)
D = 28° 38' 52.40"	D = 63° 39' 43.12"	D = 9° 32' 57.47"	D = 28° 21' 51.29"
T = 15.73	T = 72.41	T = 71.60	T = 14.36
L = 31.39	L = 121.95	L = 142.53	L = 28.66
R = 200.00	R = 90.00	R = 600.00	R = 202.00
P.C. = 10+25.83 M6	P.C. = 11+09.63 M6	P.C. = 12+31.58 M6	P.C. = 13+74.11 M6
Y = 167,353.46	Y = 167,323.59	Y = 167,355.13	Y = 167,480.51
X = 446,909.44	X = 446,831.24	X = 446,722.91	X = 446,655.83
P.T. = 10+57.21 M6	P.T. = 12+31.58 M6	P.T. = 13+74.11 M6	P.T. = 14+02.77 M6
Y = 167,343.72	Y = 167,355.13	Y = 167,480.51	Y = 167,507.86
X = 446,879.64	X = 446,722.91	X = 446,655.83	X = 446,647.32

M7 LINE

CURVE = M7-1	CURVE = M7-2	CURVE = M7-3	CURVE = M7-4	CURVE = M7-5	CURVE = M7-6
P.I. = 10+11.48 M7	P.I. = 10+29.37 M7	P.I. = 10+49.05 M7	P.I. = 10+92.09 M7	P.I. = 11+00.16 M7	P.I. = 11+29.87 M7
Y = 167,287.14	Y = 167,304.74	Y = 167,298.61	Y = 167,303.22	Y = 167,281.81	Y = 167,265.65
X = 446,762.04	X = 446,757.94	X = 446,781.83	X = 446,825.01	X = 446,785.40	X = 446,760.44
DELTA = 17° 24' 05.02" (LT)	DELTA = 117° 31' 04.35" (RT)	DELTA = 20° 28' 54.63" (LT)	DELTA = 157° 41' 39.79" (RT)	DELTA = 4° 30' 16.09" (LT)	DELTA = 127° 10' 31.53" (RT)
D = 76° 23' 39.74"	D = 1432° 23' 40.15"	D = 57° 17' 44.81"	D = 1145° 54' 56.12"	D = 11° 27' 33.01"	D = 1145° 54' 46.91"
T = 11.48	T = 6.59	T = 18.07	T = 25.36	T = 19.66	T = 10.07
L = 22.78	L = 8.20	L = 35.75	L = 13.76	L = 39.31	L = 11.10
R = 75.00	R = 4.00	R = 100.00	R = 5.00	R = 500.00	R = 5.00
P.C. = 10+00.00 M7	P.C. = 10+22.78 M7	P.C. = 10+30.98 M7	P.C. = 10+66.73 M7	P.C. = 10+80.49 M7	P.C. = 11+19.80 M7
Y = 167,275.69	Y = 167,298.32	Y = 167,303.10	Y = 167,300.53	Y = 167,291.16	Y = 167,271.12
X = 446,761.19	X = 446,759.44	X = 446,764.33	X = 446,799.79	X = 446,802.70	X = 446,768.89
P.T. = 10+22.78 M7	P.T. = 10+30.98 M7	P.T. = 10+66.73 M7	P.T. = 10+80.49 M7	P.T. = 11+19.80 M7	P.T. = 11+30.90 M7
Y = 167,298.32	Y = 167,303.10	Y = 167,300.53	Y = 167,291.16	Y = 167,271.12	Y = 167,275.69
X = 446,759.44	X = 446,764.33	X = 446,799.79	X = 446,802.70	X = 446,768.89	X = 446,761.19

POINT NO.	STATION	OFFSET	ELEV.	Y	X	REMARKS
100	10+00.00 R3	0.00' RT	---	165,914.48	446,994.06	---
101	10+27.96 R3	0.00' RT	---	165,939.64	446,981.88	---
102	13+73.77 R4	8.48' LT	---	166,089.73	446,902.92	---
103	13+73.75 R4	12.48' LT	---	166,087.80	446,899.42	---
104	13+98.53 R4	12.50' LT	---	166,108.77	446,887.32	---
105	14+10.29 R4	16.50' LT	---	166,116.43	446,877.89	---
106	14+04.39 R4	0.00' RT	---	166,120.24	446,894.96	---
107	14+14.43 R4	0.00' RT	---	166,128.74	446,889.61	---
108	12+32.24 R3	0.00' LT	---	166,129.65	446,909.28	---
109	12+42.27 R3	0.00' LT	---	166,138.49	446,904.53	---
110	13+26.07 R3	0.00' RT	---	166,134.53	446,928.70	---
111	13+16.22 R3	0.00' RT	---	166,144.38	446,928.47	---
112	12+49.32 R2	0.00' RT	---	166,132.66	446,947.16	---
113	12+59.63 R2	0.00' RT	---	166,142.96	446,947.30	---
114	12+16.72 R2	7.50' RT	---	166,103.95	446,961.32	---
115	12+16.72 R2	17.50 RT	---	166,107.80	446,970.55	---
116	11+87.11 R8	17.50' RT	---	166,252.39	447,051.62	---
117	11+81.56 R8	6.41' RT	---	166,254.46	447,056.96	---
118	13+42.41 R2	0.00' RT	---	166,199.22	446,999.72	---
119	13+52.49 R2	0.00' RT	---	166,202.74	447,009.17	---
120	10+82.77 R9	0.00' RT	---	166,216.89	446,992.79	---
121	10+72.74 R9	0.00' RT	---	166,219.79	447,002.39	---
122	10+36.14 R9	0.00' RT	---	166,234.18	446,993.28	---
123	10+45.97 R9	0.00' RT	---	166,231.47	447,002.73	---
124	12+40.37 R8	0.00' RT	---	166,252.02	446,999.84	---
125	12+30.07 R8	0.00' RT	---	166,248.80	447,009.62	---
126	---	--- --	---	166,404.16	446,907.75	---
127	---	--- --	---	166,395.78	446,921.35	---
128	10+33.47 R6	9.23' LT	---	166,215.29	446,784.76	---
129	10+28.70 R6	13.48' LT	---	166,217.99	446,780.35	---
130	13+49.01 R8	0.00' RT	---	166,332.26	446,930.47	---
131	13+59.15 R8	0.00' RT	---	166,341.30	446,925.87	---
132	10+57.90 R7	0.00' RT	---	166,324.86	446,914.97	---
133	10+47.94 R7	0.00' RT	---	166,333.85	446,910.67	---
134	11+31.22 R7	0.00' RT	---	166,322.76	446,886.79	---
135	11+41.06 R7	0.00' RT	---	166,332.55	446,887.67	---
136	11+77.66 R6	0.00' RT	---	166,325.83	446,868.08	---
137	11+87.96 R6	0.00' RT	---	166,336.04	446,869.41	---
138	12+20.50 R6	11.50' LT	---	166,364.93	446,854.87	---
139	12+19.71 R6	16.50' LT	---	166,362.88	446,850.26	---
140	10+37.48 R7	2.50' RT	---	166,342.34	446,904.05	---
141	11+48.18 R7	2.50' RT	---	166,339.74	446,890.21	---

POINT NO.	STATION	OFFSET	ELEV.	Y	X	REMARKS
142	13+36.80 R3	2.50' RT	---	166,123.45	446,927.58	---
143	12+19.72 R3	2.50' RT	---	166,119.81	446,917.41	---
144	14+90.65 R4	0.00' RT	---	166,165.11	446,829.72	---
145	15+01.20 R4	0.00' RT	---	166,161.52	446,819.81	---
146	11+04.24 R5	0.00' RT	---	166,184.43	446,825.07	---
147	11+14.08 R5	0.00' RT	---	166,181.20	446,815.79	---
148	10+24.51 R5	0.00' RT	---	166,207.38	446,812.77	---
149	10+14.51 R5	0.00' RT	---	166,199.27	446,806.92	---
150	10+47.99 R6	0.00' RT	---	166,216.75	446,799.81	---
151	10+36.97 R6	0.00' RT	---	166,208.97	446,792.08	---
152	14+93.70 R2	0.00' RT	---	166,226.08	447,148.03	---
153	14+24.53 R2	0.00' RT	---	166,218.47	447,079.30	---
154	13+97.27 R2	0.00' RT	---	166,214.47	447,052.34	---
155	13+72.78 R2	0.00' RT	---	166,208.85	447,028.51	---
156	10+89.84 R8	0.00' RT	---	166,259.13	447,148.79	---
157	11+04.95 R8	0.00' RT	---	166,257.32	447,133.79	---
158	11+49.29 R8	0.00' RT	---	166,251.98	447,089.77	---
159	11+62.77 R8	0.00' RT	---	166,250.35	447,076.37	---
160	10+69.50 R2	0.00' RT	---	165,963.82	447,007.56	---
161	10+97.43 R2	0.00' RT	---	165,990.26	446,998.55	---
162	11+49.33 R2	0.00' RT	---	166,038.85	446,980.32	---
163	11+69.51 R2	0.00' RT	---	166,057.50	446,972.60	---
164	10+69.47 R2	20.73' RT	---	165,970.48	447,027.20	---
165	10+97.32 R2	19.20' RT	---	165,996.43	447,016.73	---
166	11+47.63 R2	23.74' RT	---	166,046.13	447,002.98	---
167	11+67.61 R2	26.43' RT	---	166,065.93	446,997.72	---
168	10+91.09 R8	15.57' RT	---	166,274.44	447,145.68	---
169	11+04.58 R8	15.57' RT	---	166,272.82	447,132.28	---
170	11+47.95 R8	13.60' RT	---	166,265.64	447,089.47	---
171	11+61.31 R8	14.77' RT	---	166,265.19	447,076.06	---
172	13+02.88 R8	0.00' RT	---	166,292.41	446,953.67	---
173	13+34.10 R8	0.00' RT	---	166,319.15	446,937.56	---
174	13+88.46 R8	76.56' RT	---	166,397.88	446,984.06	---
175	13+94.90 R8	65.95' RT	---	166,398.89	446,972.15	---
176	10+00.00 R	50.00' LT	728	166,234.04	446,904.23	R = 38'
177	10+00.00 R	41.31' LT	729.5	166,239.46	446,911.02	RAB HIGH POINT
178	13+40.47 R8	24.73' RT	---	166,336.54	446,956.21	---
179	13+25.47 R8	44.44' RT	---	166,334.05	446,980.23	---
180	13+34.07 R8	12.50' RT	---	166,325.24	446,948.48	---
181	13+03.70 R8	12.50' RT	---	166,299.86	446,963.74	---
182	---	--- --	---	166,406.27	446,899.12	---
183	---	--- --	---	166,445.56	446,891.97	---
184	---	--- --	---	166,405.91	446,850.06	---

POINT NO.	STATION	OFFSET	ELEV.	Y	X	REMARKS
200	---	--- --	---	167,090.18	446,667.29	---
201	---	--- --	---	167,091.19	446,672.20	---
202	10+77.25 M4	0.00' RT	---	167,170.27	446,657.77	---
203	10+87.29 M4	0.00' RT	---	167,179.52	446,653.87	---
204	11+76.02 M3	0.00' RT	---	167,176.58	446,672.48	---
205	11+66.05 M3	0.00' RT	---	167,185.77	446,668.60	---
206	10+74.86 M3	0.00' RT	---	167,178.44	446,696.27	---
207	10+84.69 M3	0.00' RT	---	167,188.16	446,697.71	---
208	10+66.61 M2	0.00' RT	---	167,174.11	446,714.33	---
209	10+76.91 M2	0.00' RT	---	167,184.22	446,716.27	---
210	10+32.31 M2	6.47' RT	---	167,142.24	446,722.49	---
211	10+46.05 M2	16.50' RT	---	167,155.18	446,730.39	---
212	11+89.50 M2	0.00' RT	---	167,263.90	446,791.40	---
213	11+99.55 M2	0.00' RT	---	167,269.19	446,799.95	---
214	11+04.55 M7	0.00' RT	---	167,279.21	446,781.82	---
215	10+94.58 M7	0.00' RT	---	167,284.28	446,790.40	---
216	10+44.53 M7	0.00' RT	---	167,300.63	446,777.63	---
217	10+54.37 M7	0.00' RT	---	167,299.98	446,787.45	---
218	11+61.62 M6	0.00' RT	---	167,318.20	446,780.25	---
219	11+51.29 M6	0.00' RT	---	167,316.90	446,790.50	---
220	12+04.61 M2	7.25' RT	---	167,303.79	446,897.55	---
221	12+98.90 M2	5.75' RT	---	167,303.88	446,891.65	---
222	13+04.24 M2	12.25' RT	---	167,298.84	446,898.38	---
223	13+53.79 M2	12.25' RT	---	167,310.68	446,946.50	---
224	13+53.79 M2	7.25' RT	---	167,315.53	446,945.31	---
225	10+00.00 M6	10.70' RT	---	167,369.93	446,932.00	---
226	10+00.00 M6	15.70' RT	---	167,374.78	446,930.81	---
227	10+57.25 M6	6.42' RT	---	167,349.63	446,877.14	---
228	10+57.09 M6	11.41' RT	---	167,354.31	446,875.37	---
229	12+68.94 M6	0.00' RT	---	167,386.40	446,702.47	---
230	12+78.99 M6	0.00' RT	---	167,395.02	446,697.31	---
231	10+15.74 M5	0.00' RT	---	167,377.42	446,687.78	---
232	10+25.76 M5	0.00' RT	---	167,386.28	446,683.11	---
233	14+97.53 M5	0.00' RT	---	167,371.38	446,660.36	---
234	14+87.70 M5	0.00' RT	---	167,381.21	446,660.23	---
235	12+95.48 M4	0.00' RT	---	167,372.32	446,641.44	---
236	13+05.71 M4	0.00' RT	---	167,382.60	446,641.74	---
237	13+15.25 M6	11.50' RT	---	167,432.03	446,690.15	---
238	13+14.04 M6	16.50' RT	---	167,433.25	446,695.15	---
239	13+34.36 M4	11.50' LT	---	167,406.68	446,625.63	---
240	13+33.27 M4	16.50' LT	---	167,404.15	446,621.22	---
241	15+19.18 M6	7.57' RT	---	167,623.54	446,627.94	---
242	15+39.82 M6	7.57' RT	---	167,643.01	446,623.37	---
243	---	--- --	---	166,993.84	446,769.81	---
244	---	--- --	---	167,012.58	446,765.56	---
245	13+33.01 M	53.00' LT	---	167,281.28	446,686.40	R = 40'
246	10+00.00 M	46.91' LT	---	167,275.66	446,688.75	RAB HIGH POINT
247	11+91.60 M3	2.50' LT	---	167,163.00	446,680.57	---
248	10+64.30 M3	2.50' LT	---	167,167.87	446,693.29	---
249	14+76.95 M5	2.50' LT	---	167,392.30	446,661.45	---
250	10+41.18 M5	2.50' LT	---	167,398.76	446,673.71	---

STA 210+35
MATCH INTO EXISTING CONCRETE

SIDEWALK MATCH TAPER

4' PAVEMENT SECTION
STA 210+35 SB TO STA 214+25 SB

5' BOULEVARD

SIDEWALK POINT
STA 214+24.6 SB LT 23.5'

BEGIN CURB AND GUTTER TAPER
STA 214+25.0 SB LT 16'
STA 213+32.33 SB

END CURB AND GUTTER TAPER
STA 214+65.0 SB LT 20'

SIDEWALK POINT
STA 214+64.6 SB LT 27.5'

STA 217+54 SB, BEGIN 20' MEDIAN

6' SIDEWALK

6' SIDEWALK

12' | 14' MEDIAN | 12'

211+00: 715.31 / 715.55 / 715.83 / 715.59
715.52 / 715.76 / 716.04 / 715.80
212+00: 715.67 / 715.91 / 716.19 / 715.95
715.75 / 715.99 / 716.27 / 716.03
213+00: 715.77 / 716.01 / 716.29 / 717.05
12' | 715.72 / 715.96 / 716.24 / 716.00
214+00: 715.60 / 715.84 / 716.12 / 715.70
715.41 / 715.65 / 715.94 / 715.70
8' | 715.14
215+00: 715.38 / 715.70 / 715.46
714.81 / 715.05 / 715.38 / 715.14
216+00: 714.65 / 715.01 / 714.77
714.41 / 714.56 / 714.32
217+00: 713.66 / 714.05 / 713.81
714.04 / 714.28
713.42 / 713.66
712.84 / 713.08
8' | 12'
713.48
713.24
712.90
713.47
713.98
714.43
714.80
715.12
715.44, RT 25.25'
12' | 17' | 12'

14' BEGIN WIDTH TRANSITION

6' BOULEVARD

4' BOULEVARD TO SIDEWALK TAPER POINT

5' PAVEMENT SECTION
STA 210+35 NB TO STA 213+51.07 NB

MATCH CONCRETE PAVEMENT

C&G 30-D

STA 213+32.47 NB

SIDEWALK POINT
STA 213+50.78 NB RT 23.5'
(TAPER POINT)

SIDEWALK POINTS
STA 216+00 NB RT 31.5'&RT37.5

RADIUS POINT
STA 216+50.04 NB RT 29'
=STA 10+54.81 Q RT 76.85'

R=45'

STA 216+50.04 NB RT 74'
=STA 11+08.72 Q RT 70.40'

RADIUS POINT
STA 216+95.40 NB RT 73.09'
=STA 10+98.04 Q RT 26.41'

STA 217+53.29 NB
BEGIN 20' MEDIAN

TURN BAY TAPER POINT
STA 212+96.0 NB RT 12'

END TURN BAY TAPER
STA 215+00.0 NB RT 29'

SIDEWALK POINT
STA 215+00 NB RT 37.5'
BEGIN 6' BOULEVARD
(TAPER POINT)

TAPER POINT
11+34.0 Q RT 18'

11+00
6' 12' 12'
QUINCY ST
12+00

NOTES:
1) ALL RADIUS LENGTHS ARE TO THE EDGE OF PAVEMENT
2)CURB AND GUTTER DESIGNATION FOR SHEETS LISTED BELOW

C&G 30-D = CONCRETE CURB AND GUTTER, 30-INCH TYPE D

C&G 36-D6 = CONCRETE CURB AND GUTTER, 36-INCH TYPE D, 6" SLOPED

C&G 30-D

SIDEWALK POINTS
STA 219+00 SB
LT 22.5'&LT 27.5'

STA 218+74.04 NB
STA 218+75 SB

SHOULDER TRANSITION
STA 219+26.28 SB LT 20'

SHOULDER TRANSITION
STA 219+95 SB LT 22'

STA 219+99 SB LT 22'&LT 30.5'
STA 220+07 SB LT 22'&LT 36.5'

C&G 30-D

STA 222+91 SB LT 29'
STA 220+20 SB LT 22'

SOUTH OVERLOOK

C&G 30-D

STA 224+16 SB LT 29'
2' PAVED SHOULDER

5' BOULEVARD

6' SIDEWALK

11'

8' | 30.5' | 10'

712.30 / 711.59 / 710.83 / 710.06 / 709.29 / 708.42 / 707.65 / 706.87
218+00: 712.54 / 711.83 / 711.07 / 710.30 / 709.53 / 708.66 / 707.89 / 707.11
219+00: 710.83 / 710.06 / 709.29 / 708.42 / 707.65 / 706.87
220+00: 709.53 / 708.66 / 707.89 / 707.11
221+00: 709.01 / 708.77 / 708.23 / 707.99 / 707.44 / 707.20
222+00: 706.10 / 705.31 / 706.34 / 705.55
223+00: 704.53 / 703.74 / 703.98 / 704.77 / 705.09 / 704.85
224+00: 702.96 / 702.19 / 702.43 / 703.20 / 704.30 / 704.06 / 703.52 / 703.28 / 702.75 / 702.51
705.90
705.87 / 705.63 / 706.66 / 706.42
12' | 8' | 12' | 17'

20' BEGIN WIDTH TRANSITION

STA 221+75 SB

BEGIN 16' MEDIAN

22+00

SIDEWALK POINT
218+03.03 NB RT 34.5'

713.48
712.90

6' SIDEWALK

12'

SIDEWALK POINTS
218+45 NB RT 22.5', RT 27.5',RT 33.5'

C&G 30-D

10' MULTI-USE TRAIL

STA 221+74.01 NB

RADIUS POINT
STA 221+77.07 NB RT 20'
=STA 20+58.51 R RT 69.49'

R=40'

STA 221+77.07 NB RT 60'
=STA 20+96.17 R RT 56'

RADIUS POINT
STA 222+14.73 NB RT 73.49'
= STA 20+96.17 R RT 16'

10' MULTI-USE TRAIL

C&G 30-D

RADIUS POINT
STA 222+96.04 NB RT 20'
=STA 20+24.68 R LT 44.99'

R=40'

STA 222+96.04 NB RT 60'
=STA 20+56.05 R LT 56'

RADIUS POINT
STA 222+58.38 NB RT 46.51'
=STA 20+56.05 R LT 16'

RADIUS POINT
STA 218+03.30 NB RT 20'
=STA 10+37.92 Q LT 75.36'

R=50'

STA 218+03.30 NB RT 70'
=STA 10+80.14 Q LT 79'

RADIUS POINT
STA 217+53.32 NB RT 63.75'
=STA 10+80.14 Q LT 29'

TAPER POINT
STA 11+10.0 Q LT 29'

SIDEWALK POINT
STA 219+66 NB RT 33.5'

SIDEWALK POINT
STA 219+98 NB
RT 22.5'& RT 27.5'

SIDEWALK POINT
STA 220+06 NB
RT 22.5'&RT 37.5'(BEGIN 10' MULTI-USE TRAIL)

QUINCY ST 11+00

ROYAL ST 21+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

TURN BAY TAPER POINT
STA 225+96.0 SB LT 12'
SHOULDER TAPER POINT
STA 225+14.99 SB LT 22'
2' PAVED SHOULDER

BEGIN MGS EAT
POST #1 LOCATION
STA 227+00 SB
FULL PAVED
SHOULDER

POST #9 LOCATION
MGS EAT ASSEMBLY
STA 227+50 SB

MGS GUARDRAIL 3

10' MULTI-USE TRAIL

WALL 'F'

C&G
30-D

8' PAVED SHOULDER

TURNBAY TAPER POINT
STA 226+26.0 NB RT 12'

BEGIN CURB AND GUTTER TAPER
STA 227+22.5 NB RT 20'

END TURN BAY TAPER
228+30.0 NB RT 29'

RADIUS POINT
STA 229+29.47 NB RT 29'
=STA 30+52.40 S RT 60.29'

STA 229+29.47 NB RT 64'
=STA 30+95.57 S RT 53'

RADIUS POINT
STA 229+63.13 NB RT 73.59'
=STA 30+95.57 S RT 18'

R=35'

SPRUCE ST.

RADIUS POINT
STA 230+31.55 NB RT 20'
=STA 30+34.04 S LT 40.73'

R=25'

STA 230+31.55 NB RT 45'
=STA 30+55.37 S LT 43'

RADIUS POINT
STA 230+06.78 NB RT 41.67'
=STA 30+55.37 S LT 18'

2

POST #9 LOCATION
MGS EAT ASSEMBLY
STA 236+50 SB

END MGS EAT
POST #1 LOCATION
STA 237+00 SB

NORTH OVERLOOK

FULL PAVED SHOULDER

10' MULTI-USE TRAIL

8' PAVED SHOULDER

C&G
30-D

TURN BAY TAPER POINT
STA 234+50.0 NB RT 12'

BEGIN CURB AND GUTTER TAPER
STA 235+46.0 NB RT 20'

END TURN BAY TAPER
STA 236+54.0 NB RT 29'

RADIUS POINT
STA 237+29.39 NB RT 29'
=STA 40+55.40 T RT 57.84'

STA 237+29.39 NB RT 59'
=STA 40+90.6 T RT 50.59'

RADIUS POINT
STA 237+58.73 NB RT 64.54'
= STA 40+87.61 T RT 20.74'

R=30'

TROY ST

TAPER POINT
STA 41+35.0 T LT 16'

R=50'

RADIUS DATA
ON NEXT SHEET

C&G
30-D

TAPER POINT
STA 41+35.0 T LT 16'

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

2

NORTH OVERLOOK

MAIN ACCESS

FULL PAVED SHOULDER

10' MULTI-USE TRAIL

RADIUS POINT
STA 238+50.76 NB RT 20'
=STA 40+30.86 T LT 61.71'

STA 238+50.76 NB RT 70'
=STA 40+69.94 T LT 69.92'

RADIUS/TAPER POINT
STA 238+03.9 NB RT 53.22'
=STA 40+65.25 T LT 20.23'

C&G
30-D

WALL A

8' PAVED SHOULDER

TURN BAY TAPER POINT
STA 242+94 NB RT 12'

BEGIN CURB AND GUTTER TAPER
STA 243+90 NB RT 20'

END TURN BAY TAPER
STA 244+98 NB RT 29'

BEGIN MGS EAT
POST #1 LOCATION
STA 250+00 SB

POST #9 LOCATION
MGS EAT ASSEMBLY
STA 250+50 SB

MGS GUARDRAIL 3

C&G
30-D

10' FULL PAVED SHOULDER

16' MEDIAN

8' PAVED SHOULDER

10' MULTI-USE TRAIL

C&G
36-D6

247+65.48 NB
RT 22.72'

SCHNICK RD

BEGIN C&G TRANSITION
STA 246+38.0 NB RT 29'

RADIUS POINT
STA 246+48.36 NB RT 29'
=STA 50+46.46 SR RT 59.13'

STA 246+48.36 NB RT 69'
=STA 50+86.45 SR RT 58'

RADIUS POINT
STA 246+88.34 NB RT 70.13'
=STA 50+86.45 SR RT 18'

CURB & GUTTER
EXTENSION TO
STA 50+90.5 SR RT 18'

TAPER AND RADIUS POINT
C&G TRANSITION
STA 247+54.83 NB RT 24'
=STA 50+38.45 SR LT 47.15'

STA 247+54.83 NB RT 54'
=STA 50+68.44 SR LT 48'

RADIUS POINT
STA 247+24.84 NB RT 53.15'
=STA 50.68.44 SR LT 18'

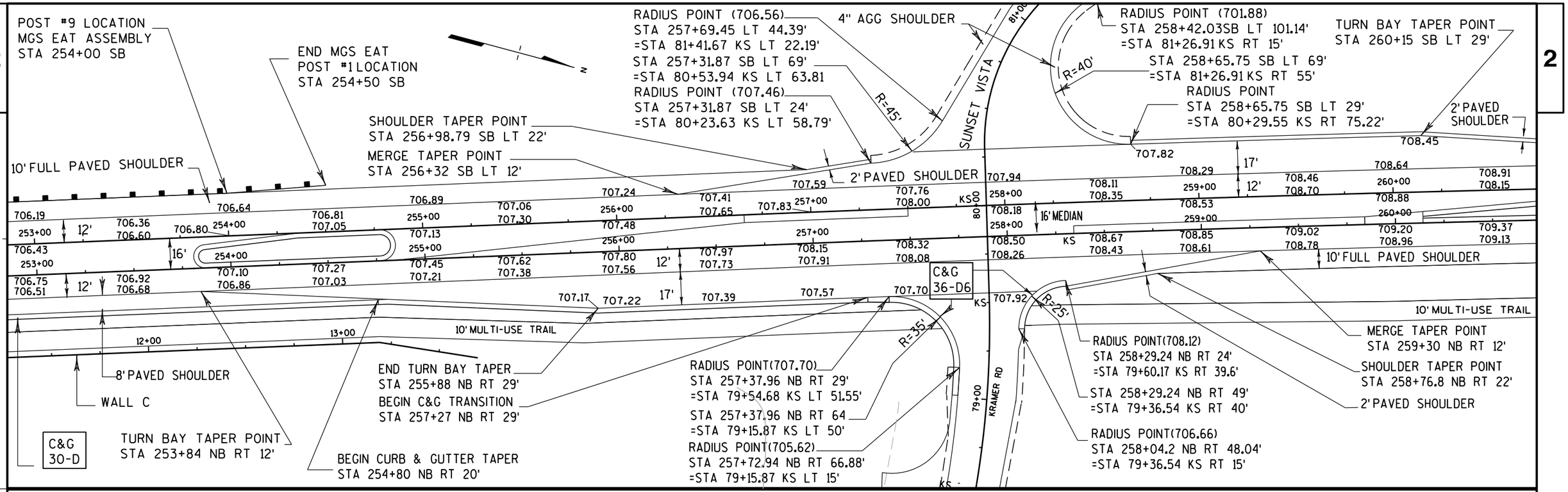
END OF CURB AND GUTTER
TAPER POINT
STA 247+88.22 NB RT 20'

WALL B

C&G
30-D

WALL C

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

2

SEE ROUNDABOUT PLAN FOR FURTHER LAYOUT DETAILS (ISLANDS, CURB & GUTTER, AND PAVEMENT)

BEGIN CURB & GUTTER STA 271+40.0 SB LT 22'

ALIGNMENT PI STA 271+01.56 SB BK =STA 271+00 SB AH

C&G 30-D

BEGIN CURB & GUTTER TAPER STA 272+00.0 SB LT 22'

END CURB & GUTTER TAPER STA 273+25 SB LT 16' (R/L ELEV.=718.87, LT 16' ELEV=718.55

DEPARTURE WIDTH STA 273+25 TO STA 275+14.69 SB

10' FULL PAVED SHOULDER

711.53 711.77 267+00 711.82 712.06 712.27 268+00 712.51 712.77 713.01 713.33 269+00 713.57 713.91 714.15 12' 714.50 270+00 714.74 715.19 715.43 +60 714.91 715.88 716.12 271+00 716.24 716.57 716.81 717.16 272+00 717.40 717.74 717.98 718.33 273+00 718.57 16' 718.91 719.15 719.50 274+00 719.74 720.09 720.33

711.99 711.75 267+00 712.38 712.14 712.83 268+00 712.59 713.33 713.09 713.89 269+00 713.65 714.47 714.23 12' 715.06 714.82 270+00 715.64 715.40 716.23 715.99 271+00 716.81 716.57 717.40 717.16 272+00 717.98 717.74 12' 718.57 718.33 273+00 719.15 718.91 16' 719.74 719.50 274+00 720.32 720.08

16' MEDIAN

16' MEDIAN (A)

10'

10' FULL PAVED SHOULDER

12' LANE EDGE INDICATED

C&G 30-D

NB PC STA 273+11.17 NB

ENTRY WIDTH STA 273+84 NB TO STA 275+08.33 NB

END CURB & GUTTER TAPER STA 273+84 NB RT 16' (R/L ELEV=719.55 RT 16'=719.23)

ALIGNMENT PI STA 271+00.0 NB BK =STA 271+00 NB AH

SHOULDER TAPER POINT STA 272+65.95 NB RT 22' (ELEV=717.65)

BEGIN CURB & GUTTER TAPER STA 272+93.68 NB RT 19.98' (R/L ELEV=718.49 RT 19.98' ELEV=718.09)

SHEET NOTE (A)
FROM NB AND SB ALIGNMENT PI, MEDIAN WIDTH IS 16' TO NB PC AT STA 273+11.17 NB

N

DEPARTURE WIDTH STA 273+25 TO STA 275+14.69 S (ELEV IS 16' LT)

ELEVATIONS AT 275+00 NB AND 275+00 SB ARE AT R/L AND RT/LT 16'

12' LANE EDGE INDICATED

ENTRY WIDTH STA 273+84 NB TO STA 275+08.33 NB

274+99.36 NB RT 23.5, 33.5' TRAIL MATCH POINT TO ROUNDABOUT SIDEWALK

10' MULTI-USE TRAIL

(ELEV STA 275+00 NB IS AT R/L AND 16' RT)

14+75.67 R4 (721.03)

R4 RL(1)

14+42.02 R4 (721.75)

12+78.21 R2 (722.51)

13+00.14 R2 (723.12)

13+15.78 R2 (723.35)

13+23.3 R2 (723.46)

13+62.72 R2 (722.99)

12+23.98 R8 (723.18)

R2 RL(1)

21.90'

20.85'

20.03'

21.09'

16'

151+45.01 RS (721.45)

722.19 +85.43

722.67 +50

722.11 +50

722.81 +80.44

(723.79)

152+85.33 RS (724.24)

R=51' CENTRAL ISLAND RADIUS

CIRCULATORY ROADWAY WIDTH 22'

276+00

277+00

152+00

723.55 +27.74

724.25 +17.27

19.65'

17.91'

19.67'

60.45'

RIDERS CLUB

10+78.18 R6 (721.76) RT 16' (722.08)

ROUNDABOUT NOTE (1) DESIGNATED REFERENCE LINE/PROFILE FOR ROUNDABOUT SEE PLAN DETAIL SHEET/PROFILE/PLAN AND PROFILE SHEETS FOR LOCATION AND ELEVATIONS

R6 RL(1)

11+60.93 R6 (723.15)

13+25 R8 (723.94)

12+88.07 R8 (724.63)

R8 RL(1)

12+55.69 R8 (723.94)

SIDEWALK OUTSIDE EDGE CONNECTION POINTS
STA 278+06.83 NB RT 33.54'
STA 278+23.49 NB RT 33.43'

PAGE NOTE ON GRADES
ELEVATIONS BETWEEN THE RIDERS AND MASONS ROUNDABOUT ARE AT:
NB R/L AND 20' RT
SB R/L AND 20' LT

BEGIN CURB & GUTTER TAPER STA 277+99.83 SB LT 16' (R/L ELEV=724.66 LT 20'=724.25)

END CURB & GUTTER TAPER STA 278+39.44 SB LT 20' (R/L ELEV=724.85 LT 20'=724.45')

C&G 30-D

12' LANE EDGE INDICATED

724.34 724.66 278+00 724.52 724.64 724.70 724.67 724.55 724.34 724.03 724.90 725.04 279+00 725.10 725.07 280+00 724.95 724.74 281+00 20' 724.43

VARIABLE DEPARTURE WIDTH 724.34

724.66 278+00 724.90 724.64 724.70 724.67 724.55 724.34 724.03 279+00 725.04 725.10 725.07 280+00 724.95 724.74 281+00 20' 724.43

5'

9'

10' SIDEWALK (ROUNDABOUT CONNECTION)

SIDEWALK TAPER POINT STA 279+00 NB RT 27.5'

SIDEWALK TAPER POINT STA 281+00 NB RT 31.5'

END CURB & GUTTER TAPER STA 278+65.66 NB RT 19.99' (R/L ELEV=724.95, RT 19.99'=724.55'

SIDEWALK POINT STA 278+65.38 NB RT 27.49', STA 278+28.32 NB RT 23.96'

BEGIN CURB & GUTTER TAPER STA 278+24.7 NB RT 15.92' (R/L ELEV=724.79, RT 15.92'=724.47'

ELEV=RT 16.1'

C&G 30-D

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/ GRADES	SHEET	E

2

ROUNDABOUT NOTE (1): DESIGNATED REFERENCE LINE/PROFILE FOR ROUNDABOUT
SEE PLAN DETAIL SHEET/PROFILE FOR LOCATION AND ELEVATIONS

12' LANE INDICATED

C&G 30-D

END CURB & GUTTER TAPER
STA 285+42.03 SB LT 16'
(R/L ELEV=721.31, LT 16' ELEV=720.99)

BEGIN CURB & GUTTER TAPER
STA 285+02 SB LT 20'
(R/L ELEV=721.64', LT 20' ELEV=721.24)

DEPARTURE WIDTH

10+48.70 M4
(720.53)

11+15.93 M4
(719.91)

11+54.22 MH
(719.75)

M4 RL(1)

724.34 724.03 723.65 723.25 722.85 722.45 722.05 721.65 721.25
281+00 724.74 724.43 282+00 724.05 723.65 283+00 723.25 722.85 284+00 722.45 722.05 285+00 721.65 721.25
281+00 282+00 283+00 284+00 285+00
724.74 724.43 724.05 723.65 723.25 722.85 722.45 722.05 721.65 721.25
724.34 724.03 723.65 723.25 722.85 722.45 722.05 721.65 721.25
20' 20' 9' 20'

720.93 720.85 720.85 720.86
16' 16' 16'

5' BOULEVARD
10' SIDEWALK (ROUNDABOUT CONNECTION)

SIDEWALK TAPER POINT
STA 281+00 NB RT 31.5'

SIDEWALK TAPER POINT
STA 283+00 NB RT 27.5'

C&G 30-D

BEGIN CURB & GUTTER TAPER
STA 285+41.8 NB RT 20'
(R/L ELEV=721.31, RT 20' ELEV=720.91

SIDEWALK POINT
STA 285+42.17 NB RT 27.5'

END CURB & GUTTER TAPER
STA 285+82.78 NB RT 16'
(R/L ELEV=720.99', RT 16' ELEV=720.67'

PAGE NOTE ON GRADES
ELEVATIONS BETWEEN THE RIDERS
AND MASON ROUNDABOUTS ARE AT:
NB R/L AND 20' RT
SB R/L AND 20' LT

109+00 110+00 111+00 286+00 287+00 288+00

720.07 +69.05
720.40 +55.91
718.95 +06.84
+50 718.69
718.81 +50
719.19 +02.92

CIRCULATORY ROADWAY WIDTH
22'
R=53' CENTRAL ISLAND RADIUS
19.71'
19.36'

10+94.28 M2
(720.02)
M2 RL(1)

11+26.13 M2
(720.25)

11+63.78 M2
(719.63)

285+98.57 NB RT 16.92'
=10+47.48 M2 (720.52)

90+90.70 M
(719.98)
(719.73)
18.57'
18.31'

12+42.54 M6
(719.00)
M6 RL(1)
12+10.02 M6
(719.50)
11+79.09 M6
(719.35)

ELEV AT 285+50 NB
IS AT R/L AND AT 19.2' RT.

MASON ST.
ROUNDABOUT

SEE ROUNDABOUT PLAN FOR
FURTHER LAYOUT DETAILS
(ISLANDS, CURB & GUTTER,
AND PAVEMENT)

END CURB & GUTTER TAPER
STA 290+70.98 SB LT 22
(ELEV=716.61')

BEGIN MGS EAT
POST #1 LOCATION
STA 292+00 SB

EQUATION STA 290+70.98 BK SB
=STA 290+55.32 AH SB
(ELEV=717.04')

POST # 9 LOCATION
MGS EAT ASSEMBLY
STA 292+50 SB

STA 288+79.41 SB LT 16
(R/L ELEV=718.53, LT 16'=718.24')

BEGIN CURB AND GUTTER TAPER
STA 290+12.61 SB LT 16'
(R/L ELEV=717.51, LT 16'=717.19'

C&G 30-D

12' LANE EDGE
INDICATED

10' FULL PAVED SHOULDER

MGS GUARDRAIL

718.01 LT 16'
717.29 LT 16'
718.09 718.01 717.61 290+00 716.36 715.89 715.42 714.55 713.77 713.09
+50 718.69 16' 289+00 718.41 716.60 716,13 292+00 715.66, 715,18 293+00 714.79, 12' 714.16 714.40 294+00 714.01, 713.62 295+00 713.33 712.71 712.95
289+00 290+00 291+0 292+00 293+00 294+00 295+00
718.41 716.67 716.28 715.89 715.50 715.11 714.72 714.33 713.94 713.55 713.17
718.81 +50 16' PC 289+35.67 NB 20' 20' 716.43 716.04 715.65 715.26 714.87 12' 714.48 714.09 713.70 713.31 712.93
717.04 717.04
16' 22' 16' MEDIAN

END CURB & GUTTER
CURVE PT (BEGIIN TAPER)
STA 289+65.07 NB RT 17.35'
(R/L ELEV=717.89,
RT 17.35' ELEV=717.55)

EQUATION STA 290+72.01 BK NB
=STA 290+53.47 AH NB
(ELEV =717.04)
STA 290+72.01 NB RT 20'
(ELEV =716.64')

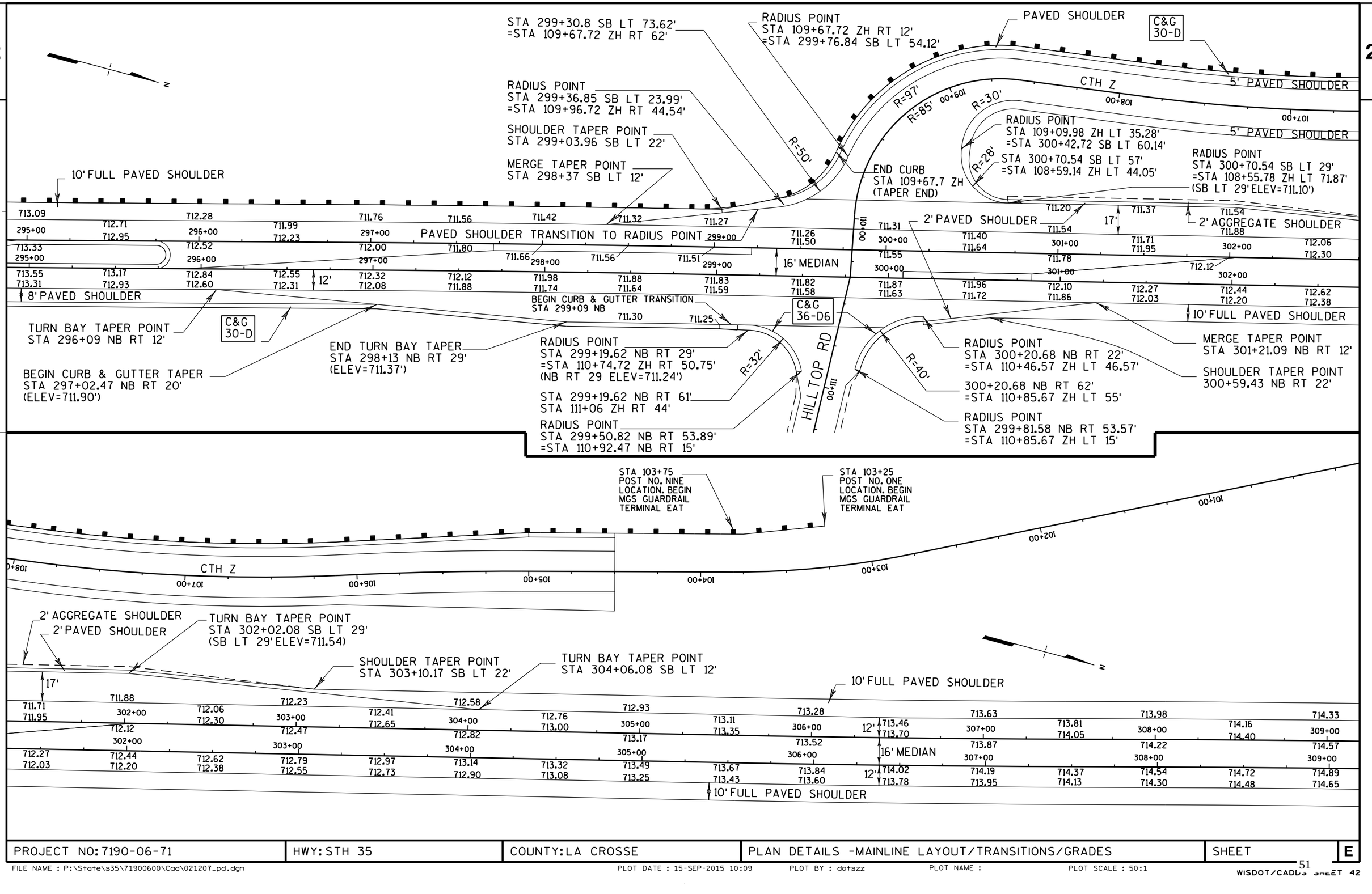
BEGIN CURB & GUTTER CURVE PC(R=202')
STA 289+35.67 NB RT 16'
(R/L ELEV=718.13', RT 16' ELEV=717.81)

END CURB & GUTTER TAPER
STA 290+23.07 NB RT 20'
(R/L ELEV=717.43', RT 20' ELEV=717.03)

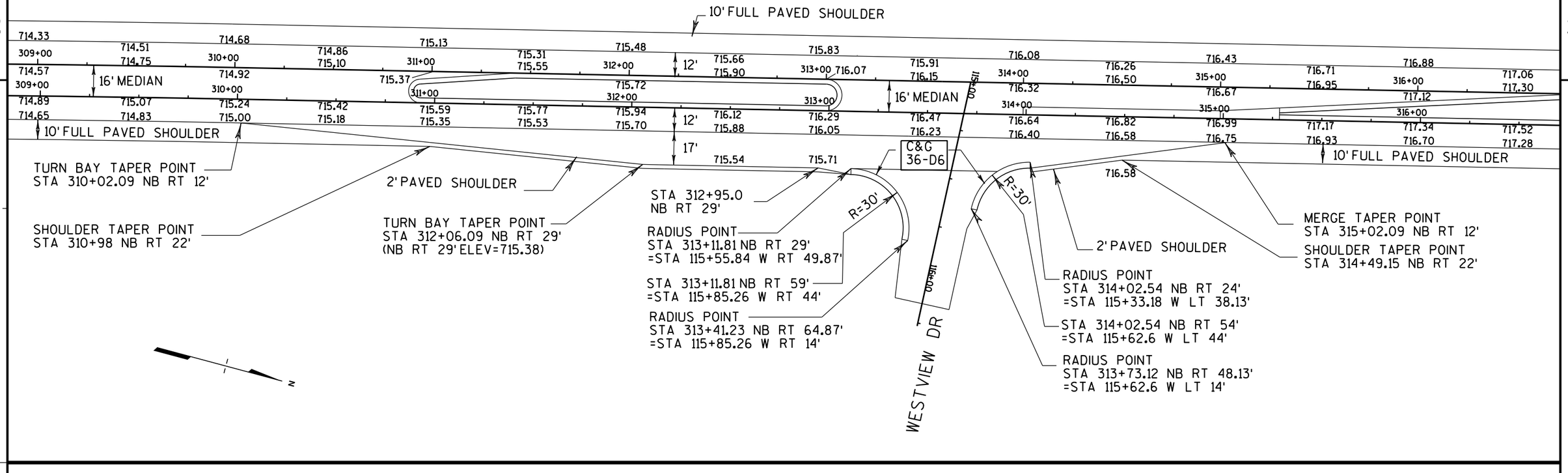
STA 288+66.30 NB RT 16'
(R/L ELEV=718.68, RT 16' ELEV=718.36)

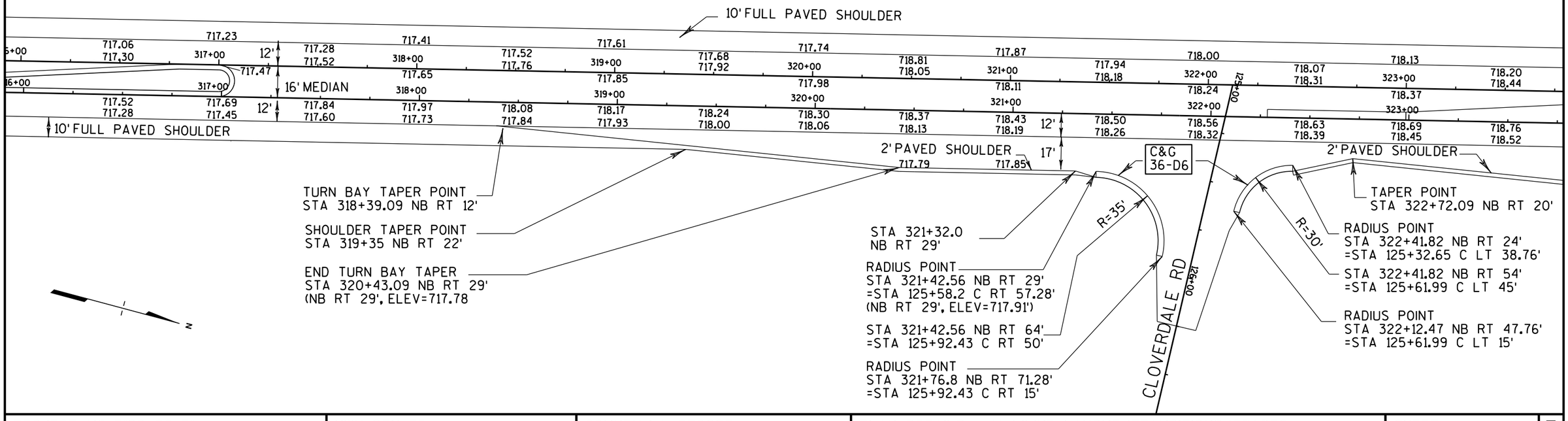
C&G 30-D

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

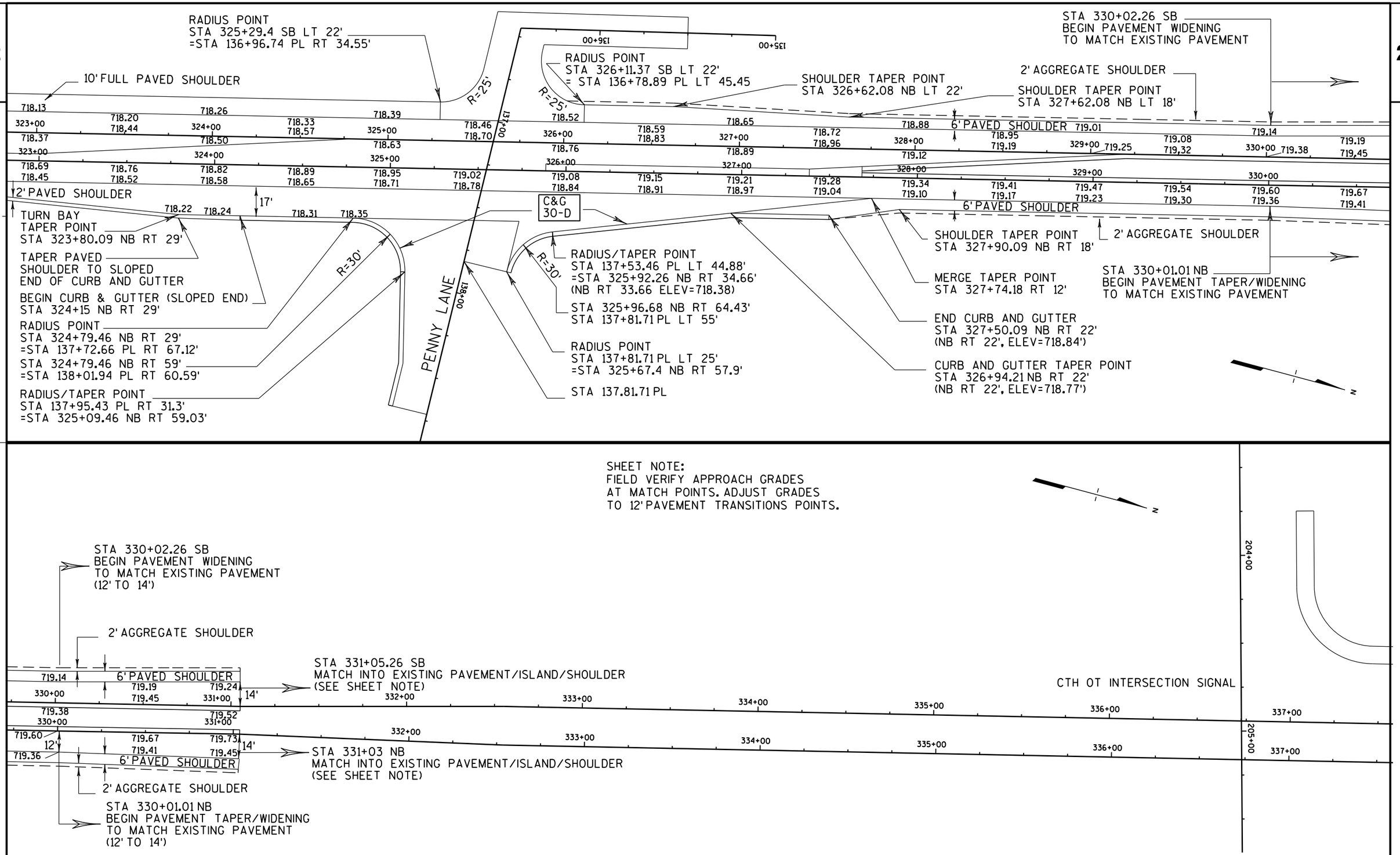


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E





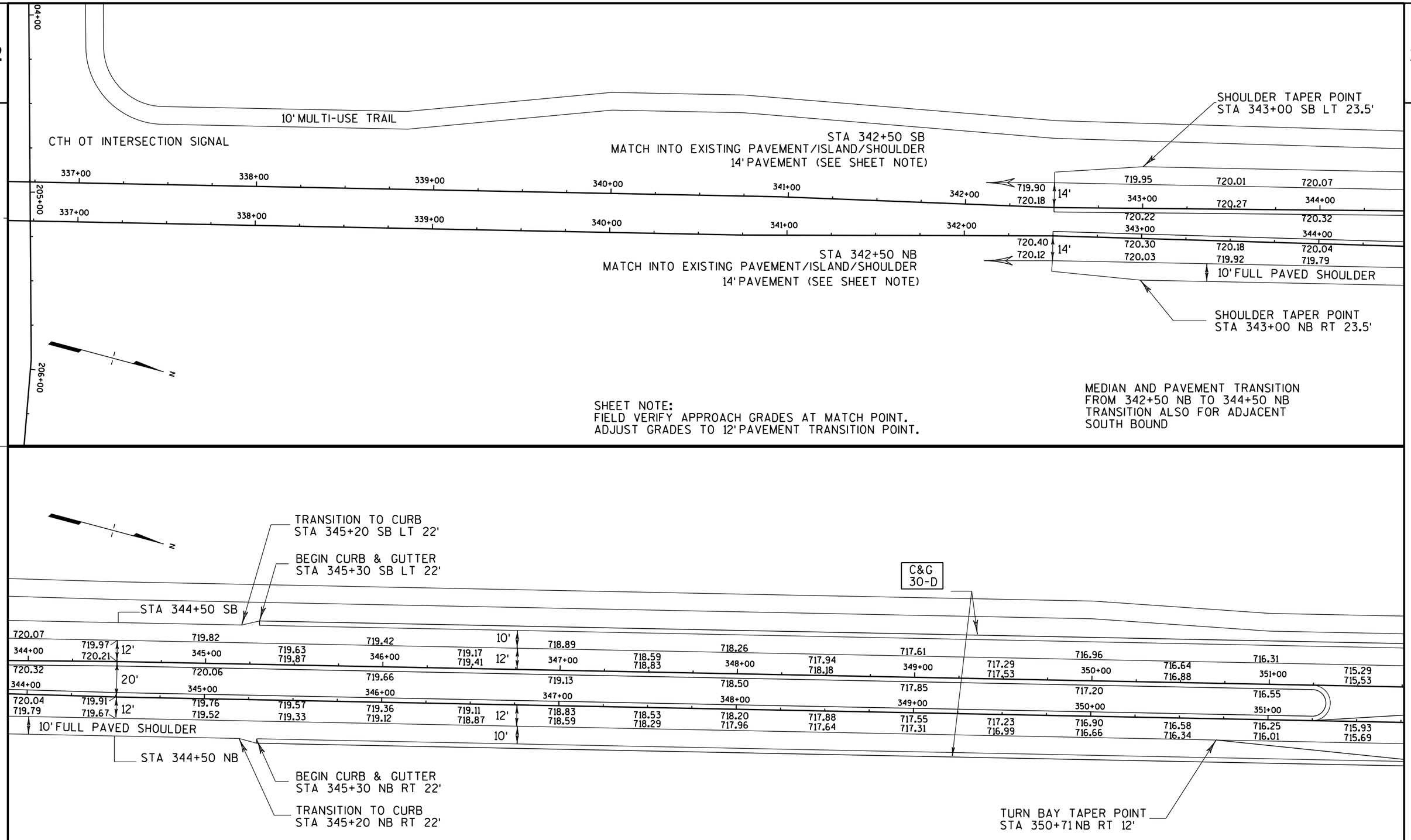
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E



SHEET NOTE:
FIELD VERIFY APPROACH GRADES
AT MATCH POINTS. ADJUST GRADES
TO 12' PAVEMENT TRANSITIONS POINTS.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

2



SHEET NOTE:
FIELD VERIFY APPROACH GRADES AT MATCH POINT.
ADJUST GRADES TO 12' PAVEMENT TRANSITION POINT.

MEDIAN AND PAVEMENT TRANSITION
FROM 342+50 NB TO 344+50 NB
TRANSITION ALSO FOR ADJACENT
SOUTH BOUND

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

C&G 30-D

RADIUS POINT
STA 353+81.42 SB LT 24'
=STA 140+98.79 US RT 51.36'

CURB & GUTTER TAPER POINT
STA 353+64.68 SB LT 22'

10' MULTI-USE TRAIL

RADIUS POINT
STA 354+09.96 SB LT 63.24'
=STA 140+58.71 US RT 15'

STA 353+81.42 SB LT 54'
=STA 140+58.71 US RT 45'

R=30'

ULMAN ST

C&G 36-D6

CURB & GUTTER TRANSITION

STA 353+71.49 SB LT 22.81'
(BEGIN C&G TRANSITION)

SEE NOTE B

R=14'

RADIUS POINT
STA 354+70.13 SB LT 57'
=STA 140+78.91 US LT 41.46'

STA 354+70.13 SB LT 43'
=STA 140+90.06 US LT 39'

RADIUS POINT
STA 354+70.13 SB LT 29'
=STA 140+01.42 US LT 37.46'

TURN BAY TAPER POINT
STA 358+24 SB LT 12'

SHOULDER TAPER POINT
STA 357+52.08 SB LT 20'

STA 356+20 SB LT 29'
(END CURB & GUTTER)
(SB LT 29', ELEV=712.53')

17' 2' PAVED SHOULDER

12'

12'

12'

12'

8' FULL PAVED SHOULDER

BEGIN CURB & GUTTER TAPER
STA 351+91 NB RT 22'

END TURN BAY TAPER POINT
STA 352+75 NB RT 29'
(NB RT 29' ELEV.=714.54)

C&G 30-D

STA 353+49.9' NB RT 29'

CURB & GUTTER TRANSITION

RADIUS POINT
STA 353+59.85 NB RT 29'
=STA 141+85.96 US RT 66.27'
(NB RT 29', ELEV.=713.99

STA 353+59.85 NB RT 74'
=STA 142+32.29 US RT 60'

RADIUS POINT
STA 354+04.25 NB RT 81.33'
=STA 142+32.29 US RT 15'

R=45'

C&G 36-D

SPRUCE ST

R=50'

2' PAVED SHOULDER

RADIUS POINT
STA 354+86.22 NB RT 24'
=STA 141+64.03 US LT 58.24'
(NB RT 24', ELEV=713.29')

STA 354+86.22 NB RT 74'
=STA 142+13.58 US LT 65'

RADIUS POINT
STA 354+36.67 NB RT 67.28'
=STA 142+13.58 US LT 15'

MERGE TAPER POINT
STA 355+86 NB RT 12'

SHOULDER TAPER POINT
STA 355+46.24 NB RT 20'

NOTE B:
TRANSITION 36" CURB & GUTTER
TO MATCH EXISTING SIZE/SHAPE
FROM RADIUS POINT

RADIUS POINT
STA 361+80.02 SB LT 59.36'
=STA 96+42.31 SD RT 38.6'

STA 361+84.79 SB LT 42'
=STA 96+55.8 SD RT 33'

3' AGG. SHOULDERS

RADIUS POINT
STA 361+84.79 SB LT 24'
=STA 96+73.8 SD RT 33'

R=18'

TURN BAY TAPER POINT
STA 258+24 SB LT 12'

8' FULL PAVED SHOULDER

SHOULDER TAPER POINT
STA 361+34.77 SB LT 20'

MERGE TAPER POINT
STA 360+85 SB LT 12'

8' FULL PAVED SHOULDER

TURN BAY TAPER POINT
STA 360+91 NB RT 12'

SHOULDER TAPER POINT
STA 361+62.91 NB RT 20'

END TURN BAY TAPER POINT
STA 362+95 NB RT 29'
(NB RT 29', ELEV=708.11')

RADIUS POINT
STA 365+03.2 NB RT 63.12'
=STA 181+72.67 SL RT 18'

RADIUS POINT
STA 362+37.77 SB LT 65.36'
=STA 96+28.57 SD LT 17.6'

STA 362+67.09 SB LT 59'
=STA 96+28.69 SD LT 47.6'

RADIUS POINT
STA 362+67.09 SB LT 29'
=STA 96+68.8 SD LT 49.3'

R=30'

WALL 'E'

C&G 30-D

17'

12'

12'

TURN BAY TAPER POINT
STA 365+37 SB LT 12'

END TURN BAY TAPER POINT
STA 363+67 SB LT 29'

SHOULDER TAPER POINT
STA 364+62.12 SB LT 22'

10' MULTI-USE TRAIL

2' PAVED SHOULDER
364+63 NB RT 29'
TRANSITION TO CURB

RADIUS POINT
STA 364+73.48 NB RT 29'
=STA 181+38.03 SL RT 50.69'

STA 364+73.48 NB RT 59'
=STA 181+72.67 SL RT 48'

R=30'

SPRING LN

C&G 36-D6

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\021211_pd.dgn PLOT DATE : 15-SEP-2015 10:09 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

10' FULL PAVED SHOULDER
TURN BAY TAPER POINT
STA 365+37 LT 12'

SHOULDER TAPER POINT
STA 370+43.54 SB LT 22'

MERGE TAPER POINT
STA 369+77 SB LT 12'

10' MULTI-USE TRAIL

RADIUS POINT
STA 371+16.39 SB LT 57.41'
=STA 69+49.9 EW RT 18'

STA 370+76.93 SB LT 64'
=STA 69+49.9 EW RT 58'

RADIUS POINT
STA 370+76.93 SB LT 24'
=STA 69+87.82 EW RT 52.11'

2' PAVED SHOULDER

R=40'

EVERGREEN WAY

69+00

RADIUS POINT
STA 371+61.7 SB LT 101.97'
=STA 68+97.51 EW LT 18'

STA 372+20.28 SB LT 89'
=STA 68+97.51 EW LT 78'

R=60'

RADIUS POINT
STA 372+20.28 SB LT 29'
=STA 69+61.86 EW LT 89.1'

707.78 365+00 707.58 707.45 366+00 707.69 12' 707.49 707.73 12' 707.57 367+00 707.81 707.73 707.88 368+00 708.12 707.97 708.04 708.28 708.20 369+00 708.44 708.36 708.60 370+00 708.44 708.68 708.52 708.76 708.46 371+00 708.70 708.40 708.64 708.34 372+00 708.58

708.02 707.82 707.94 707.70 707.88 707.64 707.87 707.63 707.91 707.67 707.99 707.75 12' 10' 708.06 707.82 708.14 707.90 708.22 707.98 708.30 708.06 708.37 708.13 12' 12' 17' 707.76 707.79 370+00 708.45 708.21 708.53 708.29 708.61 708.37 371+00 708.68 708.44 372+00 708.76 708.52

707.36

C&G
36-D6

MERGE TAPER POINT
STA 366+89 NB RT 12'

SHOULDER TAPER POINT
STA 366+35.55 NB RT 22'

2' PAVED SHOULDER

SHOULER TAPER POINT
STA 368+21.92 NB RT 22'

TURN BAY TAPER POINT
STA 367+26 NB RT 12'

END TURNBAY TAPER POINT
STA 369+30 NB RT 29'

STA 370+20 NB RT 29'
TRANSITION TO CURB

SPRING LN

182+00

R=50'

RADIUS POINT
STA 365+88.51 NB RT 24'
=STA 181+29.74 SL LT 64.15'

STA 365+88.51 NB RT 74'
=STA 181+71.88 SL LT 68'

C&G
36-D6

RADIUS POINT
STA 365+38.97 NB RT 67.24'
=STA 181+71.88 SL LT 18'

R=55'

RADIUS POINT
STA 370+29.53 NB RT 29'
=STA 70+74.53 EW RT 85.35
(NB RT 29', ELEV=707.92)

STA 370+29.53 NB RT 84'
=STA 71+28.13 EW RT 73'

RADIUS POINT
STA 370+84.48 NB RT 81.58'
=STA 71+13.43 EW RT 20'

WALDEN PLACE

71+00

R=50'

RADIUS POINT
STA 371+76.53 NB RT 24'
=STA 70+36.64 EW LT 56.77'

STA 371+76.53 NB RT 74'
=STA 70+85.36 EW LT 68'

RADIUS, CURB & GUTTER TRANSITION POINT
STA 371+27.81 NB RT 62.77'
=STA 70+85.36 EW LT 18'

STA 70+95.4 EW LT 18'

RADIUS POINT
STA 372+20.28 SB LT 29'
=STA 69+61.86 EW LT 89.1'

2' PAVED SHOULDER

END TURN BAY TAPER POINT
STA 374+20 SB LT 29'

10' MULTI-USE TRAIL

SHOULDER TAPER POINT
STA 375+28.08 SB LT 22'

TURN BAY TAPER POINT
STA 376+24 SB LT 12'

10' FULL PAVED SHOULDER

708.03 17' 708.08 708.21 708.45 708.69 708.71 709.03 709.19 709.26 709.54 376+00 709.62 709.86 709.70 377+00 709.94 709.77 710.01 12' 709.45 378+00 709.69 709.62 709.87 709.81 710.05 379+00 710.21 709.97

708.34 372+00 12' 708.42 708.66 708.55 373+00 708.79 709.03 708.79 709.27 374+00 709.11 709.35 709.43 375+00 709.50 709.78 20' 708.58 12' 372+00 708.76 708.52 12' 708.84 708.60 708.64 708.92 708.68 708.99 708.75 709.07 708.83 709.15 708.91 709.23 708.99 709.30 709.06 376+00 709.38 709.14 709.46 709.22 709.54 709.30 377+00 709.61 709.37 12' 709.69 709.45 378+00 709.77 709.53 379+00 709.85 709.61 709.92 709.68

MERGE TAPER POINT
STA 372+79 NB RT 12'

SHOULDER TAPER POINT
STA 372+24.5 NB RT 22'

10' FULL PAVED SHOULDER

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*END 20' MEDIAN WIDTH AT 383+50.35 NB AND AT 383+50.41 SB. WIDTH IS VARIABLE TO EXISTING ISLAND AT STA 393+00 NB

RADIUS POINT
STA 386+69.01 SB LT 59.17
=STA 202+16.28 PD RT 12'

STA 386+33.66 SB LT 59'
=STA 202+16.28 PD RT 47'

RADIUS POINT
STA 386+33.66 SB LT 24'
=STA 202+51.27 PD RT 47.28'

R=35'

SHOULDER TAPER POINT
STA 385+85.21 SB LT 22'

MERGE TAPER POINT
STA 385+33 SB LT 12'

2' PAVED SHOULDER

10' FULL PAVED SHOULDER

10' MULTI-USE TRAIL

C&G 36-D6

	379+00	380+00	381+00	382+00	383+00	384+00	385+00	386+00
	709.73	710.06	710.22	710.37	710.53	710.66	710.76	710.72
	709.97	710.30	710.46	710.61	710.77	710.90	711.00	710.96
12'	709.97	710.14	710.29	710.45	710.60	710.71	710.81	710.95
	710.21	710.38	710.53	710.69	710.84	710.95	711.05	711.19
	709.85	710.00	710.16	710.31	710.47	710.62	710.78	710.93
	709.61	709.76	709.91	710.05	710.19	710.34	710.50	710.65
12'	709.92	710.08	710.23	710.39	710.54	710.70	710.85	711.01
	709.68	709.84	709.98	710.12	710.26	710.42	710.57	710.73

20' MEDIAN *

12'

14'

10' FULL PAVED SHOULDER

10' FULL PAVED SHOULDER

BEGIN PAVEMENT WIDTH TRANSITION FROM 12' TO 14'
FROM PI 380+91.24 NB TO PC 383+50.35 NB

RADIUS/CURB & GUTTER POINT
STA 386+93.28 SB LT 74.26'
=STA 202+01.19 PD LT 12'

STA 387+38.84 SB LT 74'
=STA 202+01.19 PD LT 57'

R=45'

RADIUS POINT
STA 387+38.84 SB LT 29'
=STA 202+46.18 PD LT 57.43'

PINEVIEW DR

202+00

C&G 36-D6

10' MULTI-USE TRAIL

CURB & GUTTER TAPER POINT
STA 388+40 SB LT 29'

CURB & GUTTER TAPER POINT
STA 389+10.67 SB LT 10'

STA 390+10 SB LT 10'
(END CURB & GUTTER)

STA 391+25 SB
MATCH INTO EXISTING
SHOULDER (ASPHALT SAWCUT)

STA 390+20 SB LT 10'
SHOULDER TRANSITION

10' MULTI-USE TRAIL

2'

10'

12' MATCH WIDTH

14' MATCH WIDTH

	386+00	387+00	388+00	389+00	390+00	391+00	392+00
	710.72	711.03	710.91	710.70	710.89	711.18	711.63
	710.96	711.27	711.15	710.80	711.12		
	710.95	710.94	710.59				
	711.19	711.18	710.83				
	710.93	711.09	711.24	711.40	711.55	711.71	711.86
	710.65	710.81	710.96	711.12	711.27	711.43	711.58
	711.01	711.16	711.32	711.47	711.63	711.78	
	710.73	710.88	711.04	711.19	711.35	711.50	

10' FULL PAVED SHOULDER

REMOVE ASPHALT
IN EXISTING
MEDIAN AREA

DO NOT DISTURB
EXISTING ISLAND

EXISTING CURB & GUTTER
DO NOT DISTURB

STA 393+29.6 SB LT 12'

3' PAVED SHOULDER

SAWCUT
(ASPHALT)

R=60'

212+00

393+00

12'

RADIUS POINT
STA 386+33.66 SB LT 24'
=STA 202+51.27 PD RT 47.28'

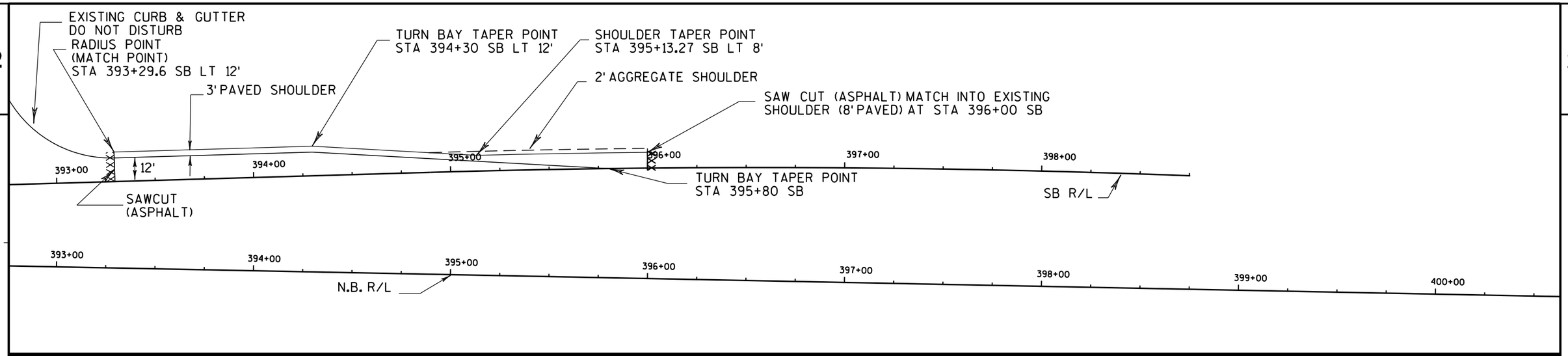
RADIUS POINT
STA 386+69.01 SB LT 59.17'
=STA 202+16.28 PD RT 12'

EXISTING SB CONCRETE PAVEMENT
STA 389+00 SB CONCRETE SAWCUT
DO NOT REMOVE CONCRETE PAVEMENT
BEYOND SAWCUT

TURN BAY TAPER POINT
390+10 SB

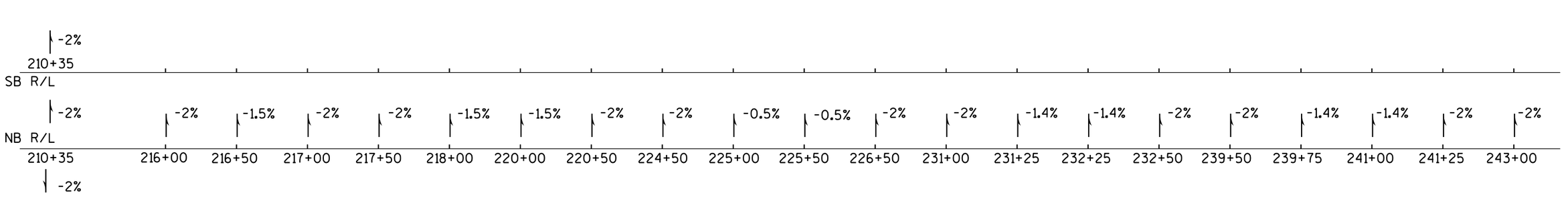
EXISTING NB CONCRETE PAVEMENT
STA 392+00 NB CONCRETE SAWCUT
DO NOT REMOVE CONCRETE PAVEMENT
BEYOND SAWCUT

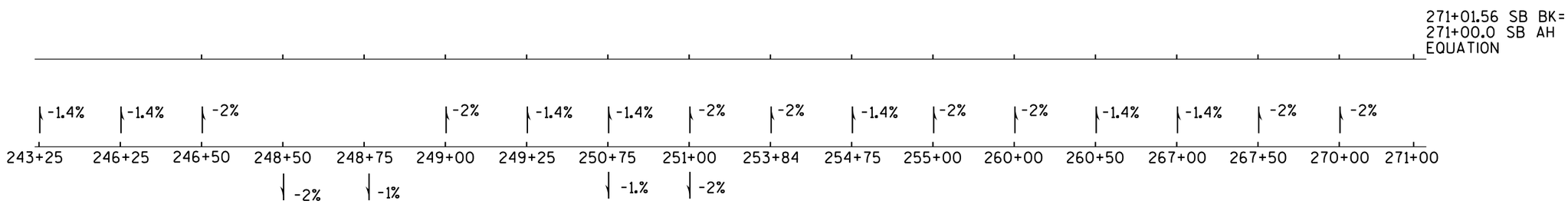
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MEDIAN AND LANE CROSS SLOPE SUMMARY
INDICATED SLOPE FROM NB R/L OR SB R/L
STATION TO COMPUTE SB R/L ELEVATION

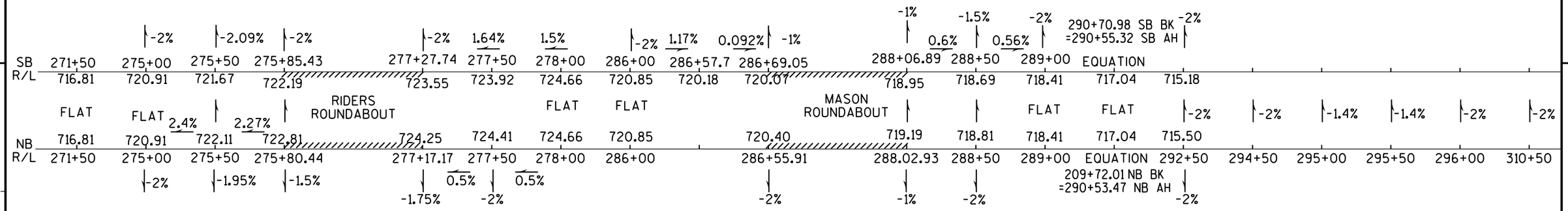
-GRADES FOR SB R/L BASED ON NB PROFILE UNLESS INDICATED
-SLOPES DO NOT CORRESPOND TO X- SECTION CROSS SLOPE CHANGE DUE TO ISLAND PLACEMENT

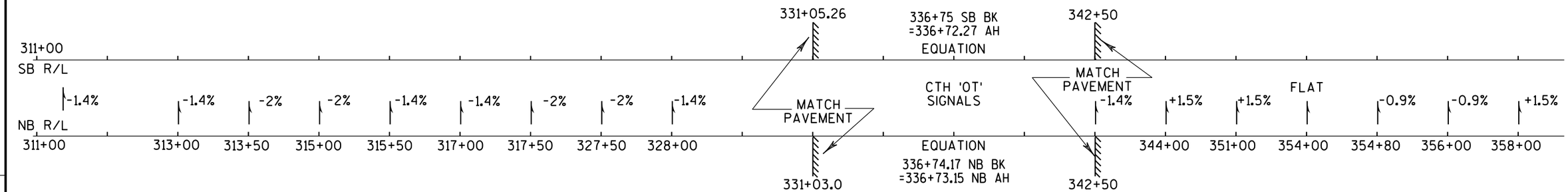


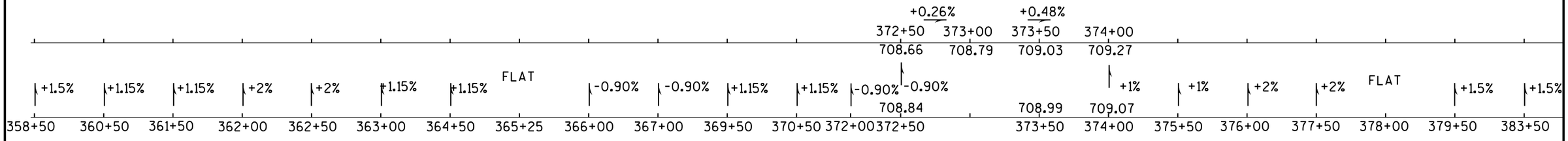


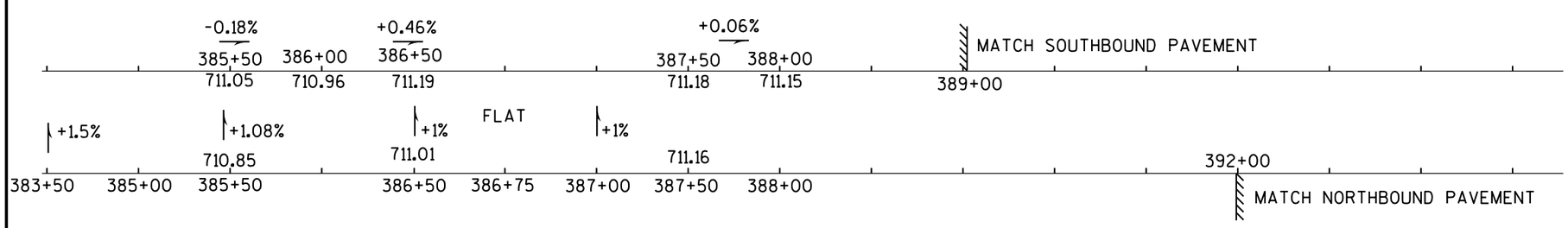
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS -MAINLINE LAYOUT/TRANSITIONS/GRADES	SHEET	E

QUINCY STREET

10+60 Q LT 34.5 (712.39)
Q LT 29' 710
10+80.14 (711.80)

TAPER POINT
11+10.0 Q RT 29'

TAPER POINT
11+58.0 Q LT 18' (707.74)
PAVEMENT TRANSITION AT TAPER POINT TO MATCH PAVEMENT
2.5" HMA TYPE E-0.3
6" BASE AGGREGATE DENSE 1¼-INCH

CL 12+16.6 Q(3)
W=50' AGGREGATE

C&G 30-D

MATCH EXISTING PAVEMENT
12+78.0 Q

(712.59) RT 29' 217+74.50
(710.31)
R=50'
(704.31) (702.92)
18'
CL 84
(704.31) (702.92)
18'
QUINCY ST
11+00
12+00
13+00
14+00
15+00
16+00
10+60 Q RT 53.24' (713.38)
R=45'
RT 29' 216+50.04 (713.98)
10+85 Q RT 30.54' (711.83)
10+98.04 Q RT 26.41'

TAPER POINT
11+34.0 Q RT 18' (709.32) 648
648

C/L STA 11+69.90(3)
W=24' ASPHALT
15' WEST/9' EAST OF C/L
210

CL 12+53.4 Q(3)
W=42' ASPHALT

SAW CUT (ASPHALT)

ADJUST MANHOLE COVER
EXISTING STORM SEWER

N

NOTES AND SYMBOLS FOR ALL CONNECTING STREET SHEETS

(1) ALL RADIUS LENGTHS ARE TO THE EDGE OF PAVEMENT
(2) CURB AND GUTTER DESIGNATION FOR SHEETS LISTED BELOW:

C&G 30-D = CONCRETE CURB AND GUTTER, 30-INCH, TYPE D

C&G 36-D6 =CONCRETE CURB AND GUTTER 6" SLOPED 36-INCH, TYPE D,

(3) DRIVEWAY CENTERLINE STATION REFERENCED FROM LOCAL STREET REFERENCE LINE. 'W' IS WIDTH AND SURFACE MATERIAL AS INDICATED. VERIFY LOCATION WITH PROJECT ENGINEER PRIOR TO PLACEMENT.
(4) SLOPE INTERCEPT DESIGNATED AS 'S' ADJACENT TO DASHED LINE.
(5) GUARDRAIL OFFSETS ARE TO FACE OF RAIL
(6) ONLY SIDEROAD SAW CUTS ARE INDICATED. DRIVEWAY/ENTRANCES SAW CUT TYPE ARE LISTED IN MISC. QUANTITIES.

ROYAL STREET

222+96.04 NB RT 20' (704.75)
R=40'
20+00
ROYAL ST
(705.86) (706.46) (707.06)
21+00
22+00
20+40 R LT 20.45 (705.27)

RADIUS POINT
20+56.05 R LT 16' (705.68)
=STA 222+58.38 NB RT 46.51'

EXISTING HYDRANT
DO NOT DISTURB

CL 21+27 R(3)
W=14' ASPHALT

(706.14) (706.74)

C&G 30-D

MATCH EXISTING
21+50.0 R

Ø16'
16'

SAW CUT (ASPHALT)

20+65 R RT 30.93' (706.14)
R=40'
223+00
222+00
221+00
220+00

21+00 R RT 16' (706.74)

221+77.078 NB RT 20' (706.62)

20+80 RT 19.41' (706.36)

MULTI-USE TRAIL

21+00 R RT 16' (706.74)

FULL CURB HEIGHT. SEE ENTRANCE NOTE

CL 21+18 R(3)
W=38' ASPHALT
14' WEST/24' EAST OF CL
716 BLUE

RADIUS POINT
20+96.17 R RT 16' (706.65)
=222+14.73 NB RT 73.49'

ENTRANCE NOTE:
FULL CURB HEIGHT AT 20+99.0 R. VERIFY END POINT TO MATCH PARKING STALL LAYOUT.

PAVEMENT TRANSITION AT RADIUS POINT TO MATCH PAVEMENT
2.5" HMA TYPE E-0.3
6" BASE AGGREGATE DENSE 1¼-INCH

SPRUCE STREET

230+31.55 NB RT 20' (694.04)
230+42.35 NB RT 29' (694.12)
MULTI-USE TRAIL
229+00
230+00
231+00
232+00

C&G 30-D

CORNER/ROADWAY RADIUS POINT 910
30+55.37 S LT 18' (694.28)
=230+06.78 NB RT 41.67'

ROADWAY RADIUS POINT
30+91.39 S LT 18'

694.69
695.05
694+53
18'
R=25'
SPRUCE ST
31+00
32+00

EXISTING PAVEMENT 36'

SAW CUT (ASPHALT)

C&G 30-D
MATCH EXISTING
31+01.0 S

R=35'
MULTI-USE TRAIL

RADIUS POINT
=229+63.13 NB RT 73.59'
30+95.57 S RT 18' (695.12)
30+65 S RT 29.96' (694.92)
30+55 S RT 43.26' (694.98)
229+29.47 NB RT 29' (695.26)

843/851

N

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREETS LAYOUTS/TRANSITIONS/PAVT	SHEET E

238+50.76 NB
RT 20'(695.05)

C&G
30-D

MULTI-USE TRAIL

RADIUS/TAPER POINT
40+65.25 T LT 20.23'(694.65)
=238+03.90 NB RT 53.22'

40+85T
LT 18.5(695.02)

CORRUGATED ISLAND
(SEE ISLAND DETAILS)

CURB & GUTTER MATCH
41+35 T LT 16'(696.55)
(PAVEMENT EDGE)

C&G
30-D

EXISTING GUTTER TO REMAIN
(DO NOT DISTURB)

238+22.26 NB
RT 29'(694.60)

R=50'

694.37 694.87 695.37 696.24 697.11 697.98 698.85

MATCH EXISTING 42+25 T

GRASS BOULEVARD
RADIUS AREA TO
ENTRY EDGE

TROY ST

R=30'

40+63.82 T
RT 32.36 (694.18)

SAW CUT (ASPHALT)

237+29.39 NB
RT 29(693.71)

32.5' 32.5'

EXISTING
ELECTRONIC
SIGN/AIR STATION
DO NOT DISTURB

CL STA 42+17.5 T(3)
W=65' ASPHALT (RELOCATED)

RADIUS POINT
40+87.61 'T' RT 20.74'
=237+58.73 NB(694.71)
RT 64.54'

CONCRETE BASE
TO BE REMOVED

DO NOT DISTURB
BEYOND SAW CUT LINE

TAPER POINT
41+35.0 T RT 16'
(696.27)

KWIK TRIP
950

TROY STREET

247+88.22 NB
RT 20'(703.90)

247+54.83 NB
RT 24'(703.54)

247+38.24 NB
RT 29'(703.29)

MULTI-USE TRAIL

RADIUS POINT
50+68.44 SR LT 18'(703.66)
=247+24.84 NB RT 53.15'

50+90.0 SR LT 18'(703.40)

3' AGGREGATE SHOULDER

LT 11'

R=30'

C&G
36-D6

SCHNICK RD

MATCH EXISTING
51+85.0 SR

703.15 703.70 703.79 704.03 704.49

SAW CUT (ASPHALT)

RT 11'

R=40'

246+48.36 NB
RT 29'(702.44)

50+90.0 SR RT 18'(703.40)
PAVEMENT TRANSITION POINT TO MATCH LINE
2.5" HMA TYPE E-0.3
6"-BASE AGGREGATE DENSE 1¼ INCH

RADIUS POINT
50+86.45 SR RT 18'(703.38)
=246+88.34 NB RT 70.13'

50+57.77 SR
RT 30.12'(702.98)

SCHNICK ROAD

RADIUS POINTS
4+69.9 F
LT 12' & RT 12'

RADIUS POINT
5+49.43 F
LT 12'(717.67)

FISHERMANS LANDING

R=52'

R=28'

R=30'

16'

C&G
30-D

RADIUS POINT
151+14.47 RS
RT 19.59
(720.16)

SEE PLAN&PROFILE
SHEETS FOR EXPANDED
PAVEMENT GRADES

TAPER
ASPHALT
PAVEMENT
TO 18'@4+50 F

END ASPHALT PAVEMENT
AT STA 3.75.0 F

R=20'

R=80'

C&G
30-D

150+05 RS RT 13.64=
15+84.98 R4 (716.29)

CENTER/RADIUS POINTS
5+46.38 F RT 40',12',LT 12'

RADIUS/TAPER POINT
149+84.62 RS RT 12'(715.70)

CENTER/RADIUS POINT
5+61.5 F RT 12', 32'
(717.98)

+75 RT 11.4'(715.51)

CAUTION-PROPERTY PIN
DO NOT DISTURB
149+62.87 RS RT 10.24'
X=446775.478, Y=166055.289

RADIUS POINT
150+59.76 RS LT 18.71'
(718.44)

RADIUS/TAPER POINT
149+84.62 RS LT 12'
(715.63)

SAWCUT FOR DRIVEWAY
(ASPHALT)

+75 (715.39)
LT 11.49'

IP

MATCH STATION
149+50 RS
SAWCUT (ASPHALT)

SUNSET VISTA
NORTH SECTION

RADIUS/TAPER POINT
81+66.01 KS
RT 15'(700.09)

RADIUS POINT
81+26.91 KS RT 15'
=258+42.03 SB LT 101.14'
(701.88)

258+65.75 SB LT 29'
=80+29.55 KS RT 75.22'
(707.82)

80+50 KS RT 45.87'
(707.32)

80+75 KS RT 28.78'
(705.03)

81+00 KS RT 18.69'
(703.28)

MATCH EXISTING
81+98 KS
SAW CUT (ASPHALT)

RADIUS/TAPER POINT
81+66.01 KS LT 10'
(700.19)

4' AGGREGATE SHOULDER

RADIUS POINT
81+00 KS LT 10'
(703.46)

RADIUS/TAPER POINT
80+79 KS LT 10'
(704.61)

SUNSET VISTA RD

R=90'

R=40'

RADIUS POINT (706.56)
80+41.67 KS LT 22.19'
=257+69.45 SB LT 44.39'

R=45'

80+56.95 KS
LT 15'(705.72)

CL 80+95 KS (3)
W=14' ASPHALT

257+52.44 SB
LT 29'(707.43)

SUNSET VISTA
SOUTH SECTION

STA 81+98 TO 81+27 KS
STA 79+01 KS TO 77+25 KS
PAVEMENT TRANSITION SECTIONS
2.5" HMA TYPE E-0.3
6"BASE AGGREGATE, DENSE 1¼ INCH

KRAMER ROAD

258+29.24 NB
RT 29'(708.12)

258+14.21 NB
RT 29'(708.06)

RADIUS POINT
79+36.54 KS RT 15'
=258+04.20 NB RT 48.04'
(706.66)

RADIUS/TAPER POINT
79+00.8 RT 15'(704.88)

EXISTING CPCS
TO BE REMOVED

R=515'

R=235'

KRAMER RD

R=485'

RADIUS/TAPER POINT
79+01 KS LT 15'(704.88)

RADIUS POINT
79+15.87 KS LT 15'
=257+72.94 NS RT 66.88'
(705.62)

79+25 KS LT 16.05'
(706.06)

R=35'

79+35 KS
LT 19.86(706.60)

C&G
36-D6

257+37.96
RT 20'(707.70)

UTILITY POLE
RELOCATION
BY OTHERS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREET LAYOUTS/TRANSITIONS/PAVT	SHEET	E

RIDERS CLUB ROAD

SIDEWALK POINT
153+69 RS LT 27.5'

SIDEWALK POINT
153+57.44 RS
LT 28.5'

RADIUS POINT
153+57.44 RS
LT 16'(722.61)

SIDEWALK POINT
153+71.4 RS LT 22.5'

CL 153+95.8 RS (3) W=13' ASPHALT
CL 154+59 RS (3) W=15' ASPHALT

WALL 'D' *
SEE CONSTRUCTION
DETAIL FOR LAYOUT

EXISTING* FENCE

RADIUS POINT
155+03.0 R
LT 17.69'

RADIUS POINT
155+41.79 RS
LT 19'

MATCH INTO
EXISTING SIDEWALK
155+53.6 RS LT 33'
155+53.8 RS LT 28'

SAW CUT
(ASPHALT)
156+00

MATCH EXISTING
155+52 RS

PC 152+86.53
PT 153+49.38
PI 154+48.65
PC 154+45.44
PT 155+23.83
R=500'
R=300'
153+00
154+00
155+00

(723.79)
(723.34)
17.92'
21.09
13+23.03 R2
(723.46)
PI 153+18.50
PT 275+80.44
PC 275+16.39
13+62.72 R2
(722.99)

RADIUS POINT
153+83.14 RS
RT 16'(722.17)

SEE CONSTRUCTION DETAILS-
DRIVEWAY FOR ENTRANCE LAYOUT

1472 RIVERLAND
ENERGY COOP

*WALL/FENCE NOTE
CONCRETE BASE REMOVAL AT FENCE END. EXISTING
CHAIN LINK FENCE TO REMAIN. EXISTING STONE SLOPE
REMOVAL REQUIRED FOR WALL INCIDENTAL TO WALL 'D' CONSTRUCTION

MATCH INTO EXISTING SIDEWALK
154+72.36 RS RT 26.51'
154+72.10 RS RT 31.5'

RADIUS POINT
154+57.66 RS RT 16.88'(720.39)

RADIUS POINT
154+33.96 RS RT 16'(721.06)

SIDEWALK POINTS
154+28.67 RS RT 23.52'
154+28.28 RS RT 28.5'

153+89.03
RS RT 22.5'(SIDEWALK POINT)

SIDEWALK POINT
153+83.4 RS RT 28.5'

N

MASON STREET

RADIUS POINTS
(BACK OF SIDEWALK)
92+25.58 M LT 34.12'
92+54.18 M LT 34.72'

RADIUS POINTS
92+31.75 M LT 18.05'
92+61.22 M LT 19.05'

SIDEWALK POINTS
93+00 M
LT 29.5' & 34.5'

93+00 M
NEW CURB & GUTTER
AND SIDEWALK LIMIT

PI 91+80.50M
PI 288+02.92
PI 288+00.25
PI 288+66.30
288+00
287+00

11+36.34 M6
(718.48)
11+79.09 M6
(719.35)
(717.93)
18.31'
15.34'
(718.79)
(719.98)

R=200'
R=100'
R=75'
R=53'
10'
8'
9+00
92+00
93+00

93+00 M
LT 19' & RT 19'
PC 93+72.61 M
PT 92+68.41 M
PC 90+90.70 M

4' BOULEVARD

C&G
30-D

EXISTING
GUTTER TO REMAIN
(DO NOT DISTURB)

SIDEWALK POINTS
93+00 M
RT 26.5' & 31.5'

FUTURE DRIVEWAY
CL 92+80 M (3)
W=30' ASPHALT
(VERIFY LOCATION)

SIDEWALK POINTS
92+26.11 M RT 29.82'
92+35.65 M RT 25.48'
92+07.19 M RT 32.47'

RIVER TRAIL
CYCLES

RADIUS POINTS
92+02.28 M RT 16.09'
92+19.02 M RT 16.64'

SAW CUT (ASPHALT)
93+90 M PAVEMENT MATCH

N

CTH 'Z'

RADIUS POINT
109+09.98 ZH LT 35.28'(710.38)
=300+42.72 SB LT 60.14'

END CURB & GUTTER
109+67.7 ZH
(TAPER END)

299+53.36 SB LT 28.51'
=109+92.24 ZH RT 29'

RADIUS POINT
108+58.72 ZH RT 12'

R/W
WALL R-32-0058

C&G
30-D

PT 107+87.11

5' PAVED SHOULDER
12'
5' PAVED SHOULDER

SHOULDER PAVEMENT
TAPER POINT
106+12.44 ZH RT 17'

PC 106+12.44
PI 105+50.00
PT 103+80.48
PC 102+78.51
PI 103+29.67
PC 105+03.96
PT 105+96.02
PI 107+00.00
PC 108+58.72
PI 108+56.92 ZH LT 12'
(710.51)

R=97'
R=85'
R=30'
109+00
108+00
107+00
106+00
105+00
104+00
103+00

RADIUS PIONT
108+56.92 ZH LT 12'
(710.51)

REMOVE UTILITY POLES
(NOT IN SERVICE)

CENTER POINT
108+56.92 ZH LT 42'

(711.10)
(710.93)

SHOULDER PAVEMENT
TAPER POINT
106+12.44 ZH LT 17'

SHOULDER PAVEMENT
TAPER POINT
105+00 ZH LT 22'

DITCH/FLUME TRANSITION
TO ASPHALT CURB
(SEE STORM SEWER AND
DRAINAGE PLAN)

MATCH EXISTING
104+50 ZH
SAWCUT (ASPHALT)

MATCH INTO EXISTING
ASPHALT CURB

POST #9 LOCATION
MGS EAT
103+75 ZH RT 22'

BEGIN MGS EAT
POST #1 LOCATION
103+25 ZH RT 24'

PT 109+97.47ZH

REMOVE EXISTING MANHOLE AND PIPES

PI 110+34.11ZH
K194

RADIUS POINT
109+67.72 ZH RT 12'
=299+76.84 SB LT 54.12'
(710.51)

PC 305+54.63
PI 306+50.62
PC 305+56.25
PI 306+52.11
300+00
301+00
302+00
303+00
304+00
305+00
306+00
307+00

N

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREETS LAYOUTS/TRANSITIONS/PAVT	SHEET	E

HILLTOP ROAD

300+20.68 NB RT 22'
=110+46.57 ZH
LT 46.57 (711.46)

RADIUS POINT
110+85.67 ZH LT 15'(711.82)
=299+81.58 NB RT 53.57'

110+96 ZH
LT 12'(712.26)

3' AGGREGATE SHOULDER

SITE
DEVELOPMENT
AREA

MATCH EXISTING
111+43 ZH
LT 12' & RT 12'

C&G
36-D6

299+98.08 NB RT 29'
=110+58.18 ZH LT 25.95'
(711.29)

229+19.62 NB
=110+74.72 ZH
(711.24)

110+80 ZH
RT 25.34
(711.53)

SAWCUT (ASPHALT)

111+08 ZH
RT 12'(712.65)

RADIUS POINT(712.07)
110+92.47 ZH RT 15'
=299+50.82 NB RT 53.89'

SEE CONSTRUCTION DETAILS-
DRIVEWAYS FOR RELOCATED
DRIVEWAY LAYOUT.

PT 109+97.47ZH
PI 110+34.11ZH
PT 299+18.95
PT 299+12.33
R=40'
R=32'

PENNY LANE

SAWCUT
(ASPHALT)

135+50 PL
LT 9' & RT 9'

RADIUS POINT
136+78.89 PL LT 45.45'
=326+11.37 SB LT 22'
(718.14)

RADIUS POINT
136+54.49 PL LT 15'

136+31.65 PL LT 9'
(718.83)

RADIUS POINT
136+72.35 PL RT 15'
(718.33)

RADIUS POINT
136+96.74 PL RT 34.55'
=325+29.40 SB LT 22'
(718.03)

PAVED SHOULDER

RADIUS/TAPER POINT
137+53.46 PL LT 44.88'
=325+92.96 NB RT 34.66'(718.38)

MAINTAIN EXISTING
DRAINAGE FLUME

RADIUS POINT(717.67)
137+81.71 PL LT 25'
=325+67.4 NB RT 57.9'

C&G
30-D

138+71 PL
CL & RT 20'

SAWCUT
(ASPHALT)

137+81.71 PL
(718.52)

TAPER POINT (718.96)
138+46.28 PL RT 20'

RADIUS/TAPER POINT
137+95.43 PL RT 31.3'
=325+09.46 NB RT 59.03'
(718.34)

PIPE EXTENSION

(718.14)
CURB CUT FOR
DRAINAGE FLUME
SEE STORM SEWER
AND DRAINAGE PLAN

(718.35)

PI 135+45.07
PI 137+27.97
R=25'
R=30'
108.5'
10'

N5504
N5490
BREIDENBACK
FAMILY AND SPORTS
CHIROPRACTIC

WESTVIEW DRIVE

N5432

RADIUS POINT
115+62.60 W LT 14'
+313+73.12 NB RT 48.13'

115+73 W LT 14'(715.57)

3' AGGREGATE SHOULDER

(716.17)

716.02
313+85.96 EB
RT 29'

MATCH EXISTING
116+15 W LT 14' & RT 14'
(CL=715.36)

SAWCUT (ASPHALT)

(715.90)
(715.69)
(715.48)

(717.75)

RADIUS POINT
115+85.26 W RT 14'(715.47)
=313+41.23 NB RT 64.87'

C&G
36-D6

W6863

PI 115+00.00
PI 117+17.51
R=30'
R=30'

WEST VIEW DR

CLOVERDALE ROAD

W6884

322+41.82 NB RT 24'
=125+32.65 C LT 38.76'
(718.14)

322+25.23 NB RT 29'
=125+40.99 C LT 23.58
(718.02)

321+42.56 NB RT 29'
=125.58.20 RT 57.28
(717.91)

C&G
36-D6

RADIUS POINT (717.59)
125+61.99 C LT 15'
=322+12.47 NB RT 47.76'

3' AGGREGATE
SHOULDER

MATCH EXISTING(717.76)
126+25 C 10'LT & 10'RT

717.93
717.65
717.51

SAWCUT
(ASPHALT)

RADIUS POINT(717.21)
125+92.43 C RT 15'
=321+76.8 NB RT 71.28'

W6883
W6877

PI 125+00.00
PI 127+17.78
R=30'
R=35'

CLOVERDALE RD

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREETS LAYOUTS/TRANSITIONS/PAVT	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\021224_pd.dgn PLOT DATE : 15-SEP-2015 10:10 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

ULMAN/SPRUCE STREET

CENTER POINT
354+70.13 SB LET 43'
=140+90.06 US LT 39'

6'
23' (A)
SAWCUT LINE (ASPHALT)
140+48 US
R=14'
PI 141+00.00
PC 140+61.30
PI 160+00.00°00
140+63.95 US
140+00
PI 140+00.00
140+48 US RT 15.5'
C&G 36-D6
R=30'
RADIUS POINT 140+58.71 US RT 15' =354+09.96 SB LT 63.24' (714.10)
RADIUS POINT 353+81.42 SB LT 24' (713.90)
MULTI-USE TRAIL
353+00
354+00
355+00
PT 141+37.41
RADIUS POINT(712.93) 354+70.13 SB LT 29' =141+01.42 US LT 37.46'
RADIUS POINT(711.44) 142+13.58 US LT 15' =354+36.67 NB RT 67.28'
142+24 US LT 15'(711.02)
R=50'
142+00
PI 142+47.31
712.30
711.28
710.05
C&G 36-D6
R=45'
PC 142+14.94
(713.99)
RADIUS POINT(711.40) 142+32.29 US RT 15' =354+04.25 NB RT 81.33'
MATCH 142+62 US RT 12'& LT 15.5' SAWCUT (ASPHALT)
PT 142+79.61
CURB & GUTTER TRANSITION SEGMENTS

(A) TRANSITION SEGMENT FOR 36" C&G TO MATCH INTO EXISTING C&G

SCOTT DRIVE

RADIUS/CENTER POINT
362+67.09 SB LT 29'& LT 59'
RADIUS POINT
96+28.57 SD LT 17.6'
=362+37.77 SB LT 65.36
HERITAGE HOME
96+29 SD
PI 169+00.51
PC 96+23.46
96+84.93
PT 96+39.28
R=30'
R=18'
PI 95+00.00
PT 168+63.89
PI 167+95.72
PI 96+97.80
SAWCUT (ASPHALT)
RADIUS POINT 96+42.31 SD RT 38.6' =361+80.02 SB LT 59.36'
5' OFFSET FROM RADIUS POINT BLEND PAVEMENT TO ASPHALT FLUME FOR EXISTING DRAINAGE PIPE
EXISTING CROSS-DRAIN PIPE DO NOT DISTURB
PC 166+97.95
RADIUS/CENTER POINT
361+84.79 SB LT 24'& LT 42'

SPRING LANE

MULTI-USE TRAIL
RADIUS POINT 181+71.88 SL LT 18' =365+38.97 NB RT 67.24'(705.55)
(707.39)
C&G 36-D6
181+81.96 SL LT 18'(705.05)
R=50'
PC 181+07.23
706.64
705.41
704.51
PI 181+06.92
PI 181+50.17
R=30'
PT 181+92.71
PI 182+39.77
MATCH 182+30 SL LT 14'& RT 14' SAWCUT (ASPHALT)
(707.41)
RADIUS POINT 181+72.67 SL RT 18' =365+63.2 NB RT 63.12' (705.43)

(B) PAVEMENT TRANSITION SEGMENTS 68+00 EW TO 68+97.5 EW, 71+13 EW TO 74+03 EW, 2.5" HMA TYPE E-0.3, 6" BASE, AGG DENSE 1¼-INCH

EVERGREEN WAY

RADIUS POINT 372+20.28 SB LT 29'
MULTI-USE TRAIL
RADIUS POINT (B) 68+97.51 EW LT 18' =371+61.7 SB LT 101.79 (706.21)
3' AGGREGATE
MATCH 68+00 EW
68+67 EW LT 15' (705.84)
PC 68+90.45
PT 69+79.49
PI 70+25.10
R=50'
PT 66+88.88
67+00
68+00
69+00
70+00
SAWCUT (ASPHALT)
705.33
705.84
706.25
706.61
706.96
707.32
3' AGGREGATE
PI 69+35.00
R=40'
PI 70+04.91
371+00
372+00
68+67 EW RT 15' (705.84)
RADIUS POINT 69+49.9 EW RT 18' 371+16.39 SB LT 57.41 (707.27)
68+90.45 EW RT 18' (706.11)
RADIUS POINT 370+76.93 SB LT 24'
MULTI-USE TRAIL
EXISTING INLET DO NOT DISTURB

WALDEN PLACE

(708.24)
RADIUS POINT 70+85.36 EW LT 18' =371+27.81 NB RT 62.77' (707.48)
10+73.5 NC LT 16'& RT 16'
RADIUS POINT 10+47.43 NC LT 16' =72+63.06 EW LT 46.81'
C&G 36-D6
CENTER POINT 10+47.43 NC LT 41' =72+32.16 EW LT 43'
70+95.4 EW LT 18' (707.31)
RADIUS POINT 72+32.16 EW LT 18' (705.24)
R=50'
71+00
72+00
PC 72+31.89
R=25'
707.43
707.09
707.74
706.39
706.04
705.70
705.35
705.07
10+00
PI 10+00°00+10.01
72+31.89 EW RT 18' RADIUS POINT(705.24)
71+53.4 EW RT 18' (706.33)
R=55'
RADIUS POINT (B) 71+13.43 EW RT 20' =370+84.48 NB (707.05)
C&G 36-D6
CL 71+37.10 W=14' ASPHALT
NORTH COURT MATCH 10+83.5 NC LT 16'& RT 16' SAWCUT (ASPHALT)
RADIUS POINT 10+35.69 NC RT 16' =73+02.16 EW LT 34.93'
CENTER POINT 10+35.69 NC RT 31' =73+19.69 EW LT 33'
SAWCUT (ASPHALT)
PI 10+22.13
PI 74+03.24
74+00
R=207'
R=15'
704.94
704.88
704.82
704.76
73+00
MATCH 74+03.47 EW LT 18'& RT 18' (RADIUS POINT)
CL 73+31.4 W=18' ASPHALT
RADIUS POINT 73+19.69 EW LT 18' (704.76)
CL 72+63.2 W=11' ASPHALT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREETS LAYOUTS/TRANSITIONS/PAVT	SHEET	E

PINE VIEW DRIVE AND CUL-DE-SAC

2

MATCH
200+75 PD LT 12' & RT 12'
SAWCUT (ASPHALT)

CL 200+96 PD (3)
W=15'
ASPHALT

PC 200+78.74

PI 201+16.69

CL 200+54.9 PD (3)
W=14'
ASPHALT

202+06 PD RT 12'

RADIUS POINT
202+16.28 PD RT 12'

CENTER POINT
386+33.66 SB LT 59'
202+16.28 PD RT 47'

RADIUS POINT
386+33.66 SB LT 24'

RADIUS POINT
201+19.18 PD LT 12'

CENTER POINT
201+19.18 PD LT 37'
=35+33.46 CS LT 12'

RADIUS POINT
35+33.46 CS LT 12'

RADIUS POINT
201+98.2 PD LT 12'

RADIUS POINT
35+43.26 CS RT 12'

CL 37+23.6 CS
W=12' ASPHALT

RADIUS AND
CENTER POINTS
36+67.80 CS
LT 12', 37'

CL 36+18.5 CS (3)
W=21'
ASPHALT

PT 201+54.24

PI 36+00.00

CENTER/RADIUS POINT
201+98.2 PD LT 12' & LT 37'
=35+43.26 CS RT 37'

CENTER POINT
387+38.84 SB LT 74'
=202+01.19 PD LT 57'

RADIUS POINT
387+38.84 SB LT 29'

RADIUS AND
CENTER POINTS
36+61.14 CS
RT 12', 37'
36+83.10 CS
RT 25.06'

PI 37+36.32

PI 37+79.71

PI 38+79.71 CS

CL 37+36.32 CS
W=14'
ASPHALT

PT 26+49.78

MULTI-USE TRAIL

CUL-DE SAC CENTER POINT
371+20 CS RT 5'

PT 388+74.29

PI 389+00.00

389+00 SB

PI 391+00.04

PI 391+97.61

PI 392+30.65

PI 202+75.46

PI 386+75.14

R=25'
R=35'
R=45'

PINEVIEW DR

SIGN

OH FO INL

S.T.H. 35

386+00 387+00 388+00 389+00 390+00 391+00 392+00

202+00 26+00 27+00 35+00 36+00 37+00 38+00

EXISTING CURB & GUTTER
DO NOT DISTURB

392+98 SB LT 55'

393+25 SB LT 35'

RADIUS POINT (MATCH POINT)
393+29.6 SB LT 12'

TAPER PAVED SHOULDER TO
GUTTER SECTION

PAVED SHOULDER

PIPE OUTFALL
DO NOT DISTURB
MAINTAIN DISCHARGE POINT

TURN BAY TAPER POINT
394+30 SB LT 12'

395+13.3 LT 8'
PAVED SHOULDER TAPER
POINT

2' AGGREGATE SHOULDER

SAFETY FENCE REQUIRED
ARCHAEOLOGICAL SITE PROTECTION
NO SOIL DISTURBANCE 5' FROM FENCE

SAWCUT (ASPHALT)-MATCH INTO EXISTING SHOULDER (8'PAVED)
AT 396+00 SB

396+50 SB LT 35'

PC 394+89.73

PI 396+82.68

PT 398+75.48

PT 391+97.61

PT 26+49.78

PI 27+30.65

SAWCUT
ASPHALT

TURN BAY TAPER POINT
395+80 SB

R=60'

3'

12'

392+00 393+00 394+00 395+00 396+00 397+00 398+00 399+00

CTH 'OT' NORTH
(TURN BAY)

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2

SIDEWALK POINTS

220+07 SB
LT 36.5', 24.5'

6'

219+99 SB
LT 30.5', 24.5'

30.5' PARALLEL TO SB R/L

NORTH OVERLOOK CONSTRUCTION NOTE:
DO NOT DISTURB EXISTING FEATURE ALONG OUTSIDE ASPHALT EDGE. REMOVAL AND PLACEMENT OF ITEMS/MATERIAL TO ACCOUNT FOR EXISTING FEATURES.

CURVE POINTS
219+56.36 SB LT 46.07' (PC)
219+90.55 SB LT 80.29' (PT)
220+04.41 SB LT 32.26 (CC)

RADIUS POINT
219+55.11 SB
LT 41.71' (PT)

SIDEWALK TRANSITION POINTS
219+42.13 SB LT 45.44'
219+46.75 SB LT 48.83'

END CURB & GUTTER
220+43.43 SB LT 94.96'
(SLOPE END POINT)

SURFACE DRAINAGE FLOWLINE
SEE CROSS-SECTIONS FOR CROSS SLOPE

OUTSIDE ASPHALT EDGE LIMIT FOLLOWS
ALONG ESTABLISHED EDGE

CURVE POINT
222+16.54 SB LT 111.67'

PLACE 2.5" HMA TYPE E-0.3
BEYOND MARKED LINES

CURVE POINTS
222+91 SB LT 29', LT 35', & LT 41'

RADIUS POINT (ASPHALT EDGE)
223+07.74 SB LT 54.12'

DRAINAGE FLOWLINE POINT
223+09.5 SB LT 50'

CURB POINT
224+16 SB LT 29'

54.9'

R=500'

R=95'

R=60'

R=50'

R=30'

R=9.5'

R=5.5'

R=6'

CURVE POINT
220+20.16 SB LT 88.84'

CURVE POINTS 219+95 SB
LT 22', LT 31.5', & LT 41'

CURB POINT
220+10 SB LT 41'

CURB POINT
220+26 SB LT 33'

CURVE POINT
221+31.86 SB
LT 107.72'

CURVE POINTS
222+20 SB
LT 22', LT 27.5',
& LT 33'

1% TYPICAL SLOPE

2% TYPICAL SLOPE

EXIT RADIUS
CURVE POINTS
219+26.28 SB
LT 20' & LT 50'

SIDEWALK

C&G
30-D

C&G
30-D

C&G
30-D

PT 217+53.29
PC 217+54.00

PI 218+11.17

PT 218+68.33
PI 218+75.00

PI 19+47.01

PC 19+84.36

CURB POINT
223+13.3 SB
LT 41'

PC 223+71.41

PI 225+21.04

8'

10'

17'

17'

218+00

219+00

220+00

221+00

222+00

223+00

224+00

225+00

PT 218+67.37

PI 221+75.00

PI 20+19.10

PT 20+53.15

PC 223+70.42

PI 225+20.25

10+83.67

QUINCY

ROYAL ST

SOUTH OVERLOOK

NORTH OVERLOOK

RADIUS POINT
238+67.99 SB LT 88.47'

PI 5+00.00

5+00.70'

OUTSIDE ASPHALT EDGE LIMIT
FOLLOWS ALONG ESTABLISHED
EDGE

RADIUS POINT
239+99.69 SB LT 83.66'

PLACE 2.5" HMA TYPE E-0.3
BEYOND MARKED LINES

RADIUS POINT
240+65.29 SB LT 39.47'

CURVE POINTS
237+95.64 SB LT 48.02 (PC)
238+65.37 SB LT 8.52' (CC)

CURVE POINTS
237+73.5 SB
LT 22' & 42'

PI 39+67.18

PI 5+60.00

R=80'

RADIUS POINT
237+92.99 LT 37.26'

CURVE POINTS
238+34.97 SB
LT 22', 32', & 42'

CURVE POINTS
240+21.44 SB
LT 22', 30.5', & 39'

R=75'

R=8.5'

R=25'

CURVE POINTS
240+89.24 SB LT 22' & LT 47'

RADIUS POINT
240+66.56 SB LT 36.66'

R=10'

R=20'

10'

10'

10'

PC 236+61.35

PI 238+01.14

PT 239+40.92

PC 239+61.04

PI 241+01.21

PT 242+41.37

236+00

237+00

238+00

239+00

240+00

241+00

242+00

243+00

PC 40+08.69

PI 238+00.74

PC 239+60.83

PI 241+00.81

PT 242+40.78

PI 6+52.98

PI 40+46.06

3+00

00.00

N

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN DETAILS-CONNECTING STREETS LAYOUTS/TRANSTITIONS/PAVT	SHEET	E

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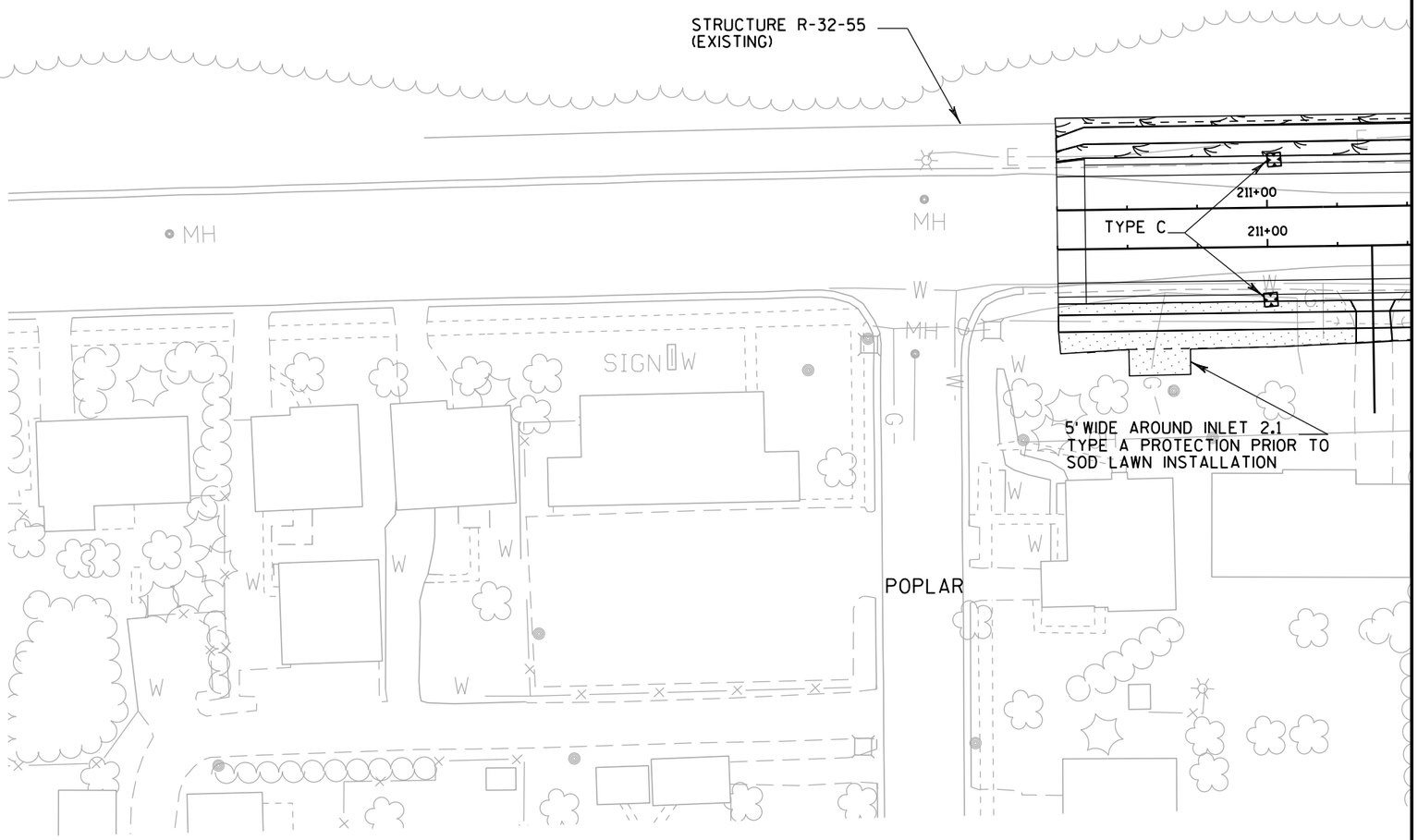
EROSION CONTROL NOTES (APPLIES TO ALL SHEETS)

1) EROSION CONTROL LAYOUT AND PLACEMENT INDICATED. CONTRACTOR IS TO PLACE SPECIFIED EROSION CONTROL DEVICES UPON COMPLETION OF STAGE OR GROUND DISTURBING ACTIVITY.

2) SUPPLEMENTAL EROSION CONTROL INDICATED FOR PARTIAL WORK COMPLETED FOR DESIGNATED STAGE.

3) WHEN EROSION MAT AND CROSS DRAIN INTAKE OR DISCHARGE INTERSECT, ENSURE MAT IS SECURE ALONG PIPE AND WALL EDGE.

4) OVERLAND SHEET FLOW FROM ROADWAY IS PRIMARY TRANSPORT METHOD OF SURFACE STORM WATER ON WESTERN SIDE OF ROADWAY FROM POPLAR TO PENNY LANE. ENSURE EROSION MAT AS SLOPE BREAK POINT ALONG WITH EROSION BALES AT SLOPE INTERCEPT EDGE.



WATER FLOW ARROW

EROSION CONTROL SILT FENCE

EROSION CONTROL BALE

EROSION CONTROL MAT CLASS II TYPE B

EROSION CONTROL MAT CLASS II TYPE C

INLET PROTECTION

LAWN SOD

RIP RAP

SEEDING MIXTURE NO. 20, FERTILIZER, TYPE B, AND MULCH

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

END OF STRUCTURE
R-32-55 (EXISTING)

EROSION BALES AT EMBANKMENT
INTERCEPT POINT

211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

TYPE C

TYPE C

INL 3.3
TYPE A PROTECTION
PRIOR TO SOD LAWN
INSTALLATION

SIGN

MH

W

11+00

12+00

13+00

CL 84

TYPE C

QUINCY

STAGE ONE EROSION CONTROL

MANHOLE SLOPE WORK (LEFT)
212+00 NB TO 219+00 NB

TEMPORARY SEEDING

20'

SOUTH OVERLOOK

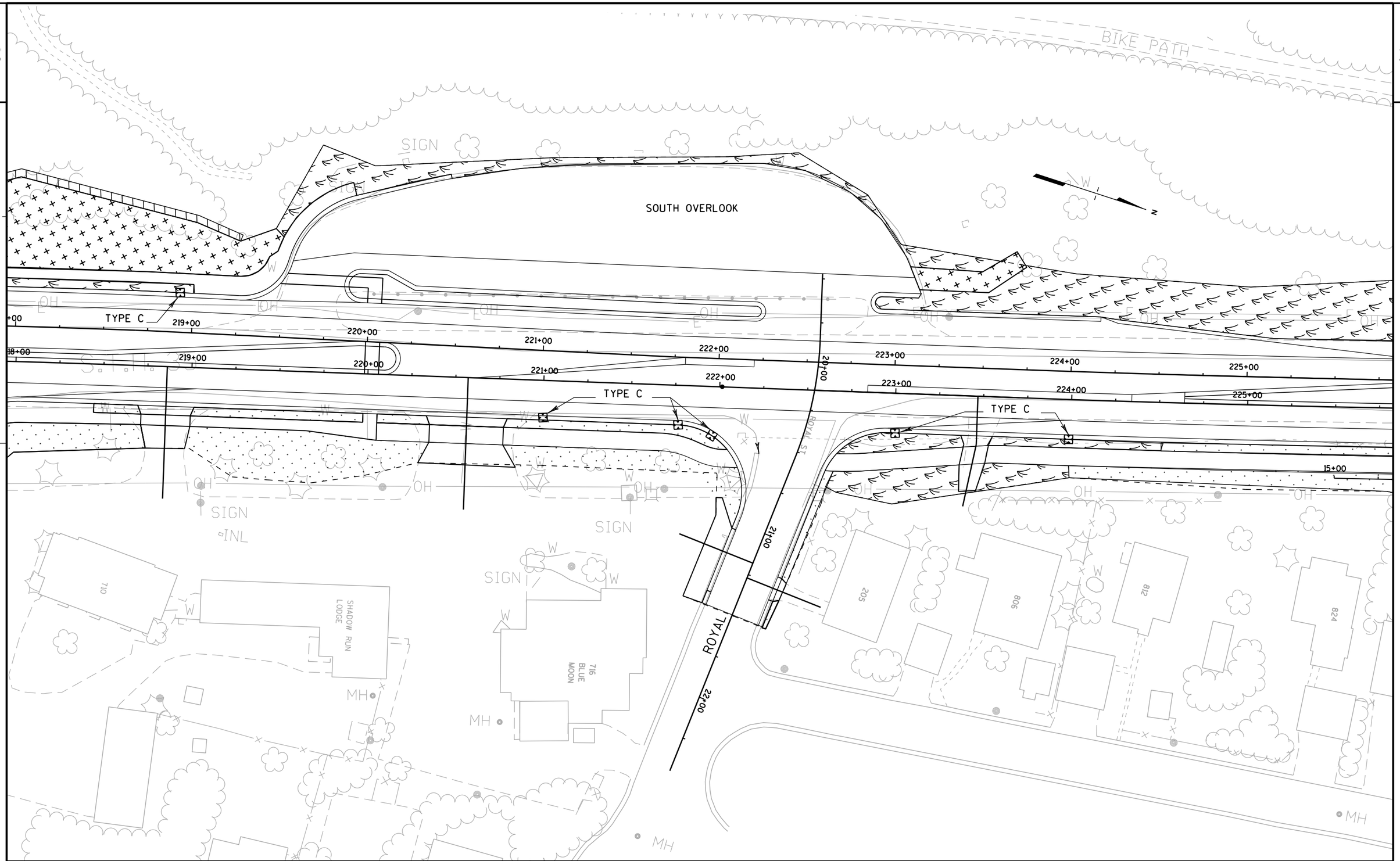
TEMPORARY LANE EDGE

212+00 213+50 215+00 219+50

ASSUME PARTIAL FILL LIMITS.
AJUST IF FINAL SLOPE IS COMPLETED.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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2

2

226+00
227+00
228+00
229+00
230+00
231+00
232+00
233+00

TYPE C

TYPE C

TYPE C

SPRUCE

3200

SIGN

MH

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

STORM SEWER
DISCHARGE SLOPE
WORK AREA

EROSION BALES
AT SLOPE BREAK
POINTS

NORTH OVERLOOK

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

TYPE D

TYPE C

TYPE C

TYPE C

TYPE C

INLET 12.4
TYPE A PROTECTION
PRIOR TO EROSION CONTROL
MAT PLACEMENT

CANOPY

PHONE

FILLER
CAPS

TROY

5+00

6+00

41+00

42+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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2

2

NORTH OVERLOOK

SLOPE BREAK POINT
STABILIZATION

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 50+00

TYPE C TYPE C TYPE C TYPE C TYPE C TYPE C

3+00 4+00 5+00 6+00

WALL BACK SLOPE
STABILIZATION

51+00

TYPE B

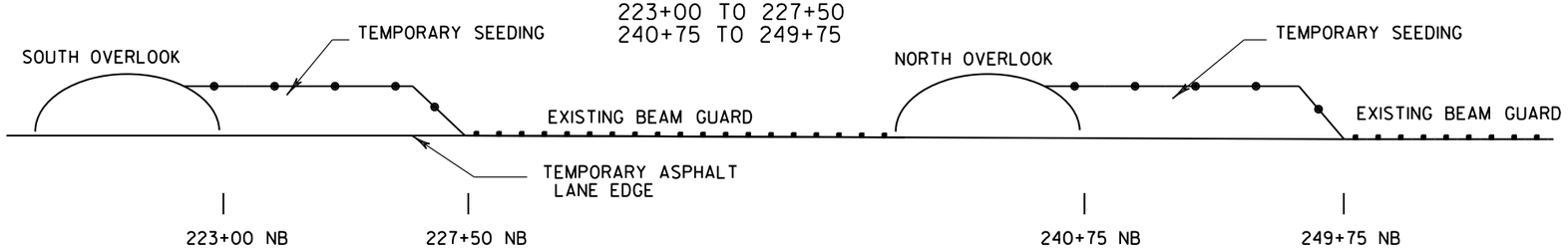
SCHNICK

52+00

SIGN

STAGE ONE EROSION CONTROL

TEMPORARY PAVEMENT (LEFT)
223+00 TO 227+50
240+75 TO 249+75



SILT FENCE OFFSET 10' FROM TEMPORARY ASPHALT EDGE WORK PLACEMENT.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

2

BIKE PATH

SLOPE BREAK POINT
STABILIZATION

BACK SLOPE STABILIZATION
FROM SHOULER POINT

247+00 50+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

TYPE C TYPE C TYPE C TYPE C TYPE C TYPE C

4+00 5+00 6+00 10+00 11+00 12+00 13+

51+00

52+00

TYPE B

MULTI-USE TRAIL
FORE SLOPE STABILIZATION

WALL BACK SLOPE
STABILIZATION

WALL BACK SLOPE
STABILIZATION

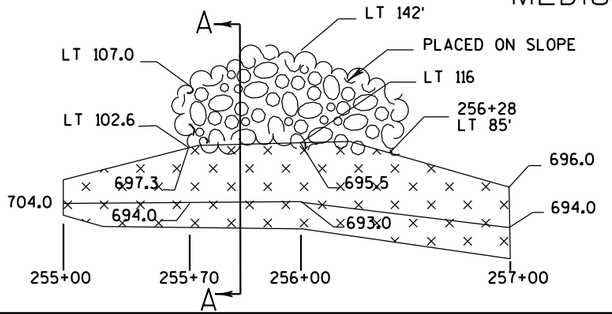
MULTI-USE TRAIL
FORE SLOPE STABILIZATION

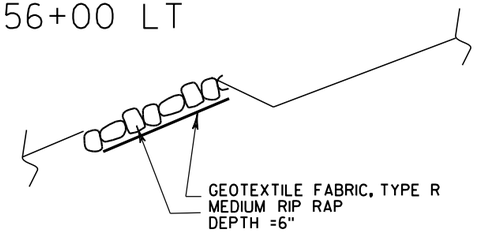
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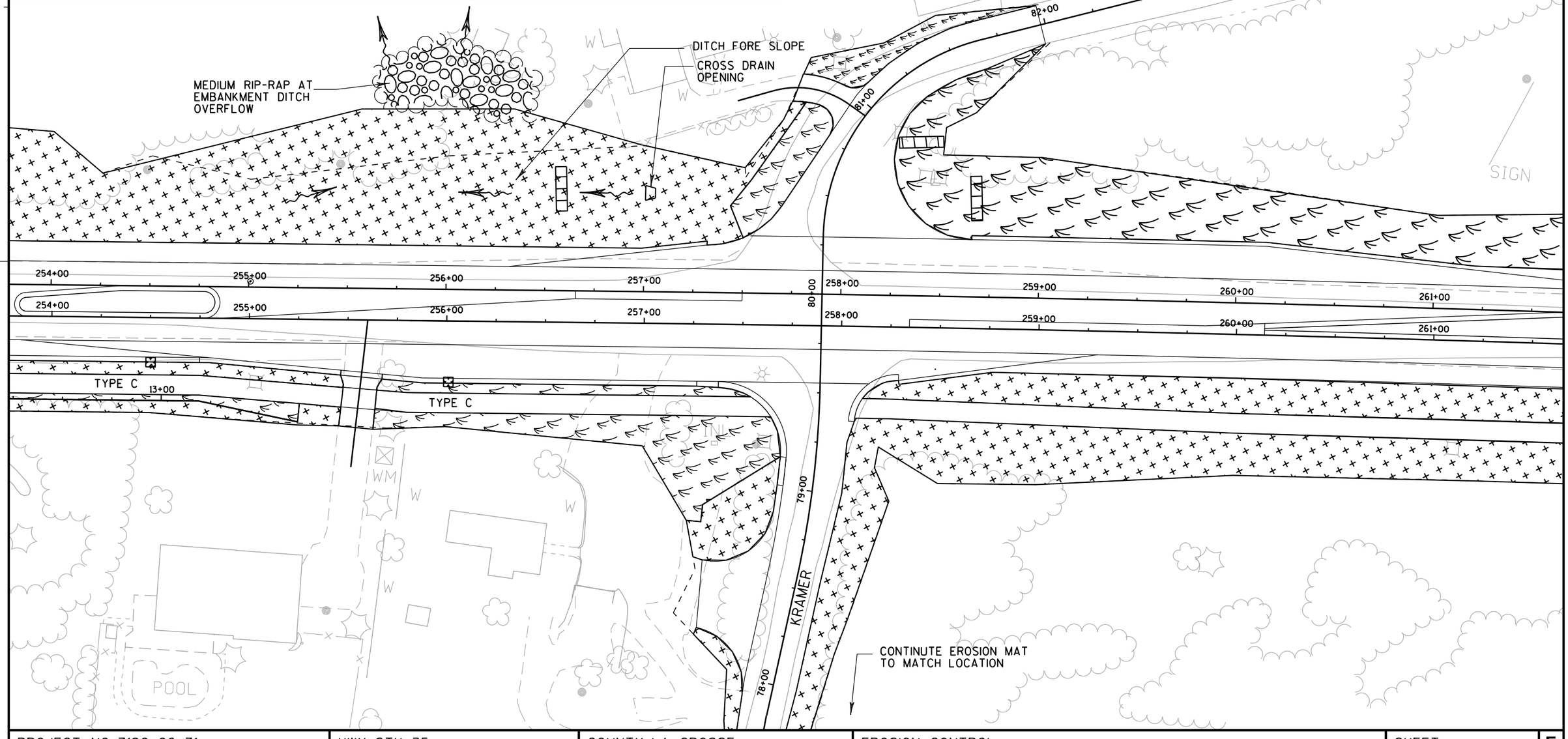
WISDOT/CADDS SHEET 42

MEDIUM RIP RAP DETAIL
256+00 LT





SECTION A-A



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

2

+00

SIGN

SIGN

SIGN

SIGN

S.

S.T.H. 35

261+00

262+00

263+00

264+00

265+00

266+00

267+00

268+00

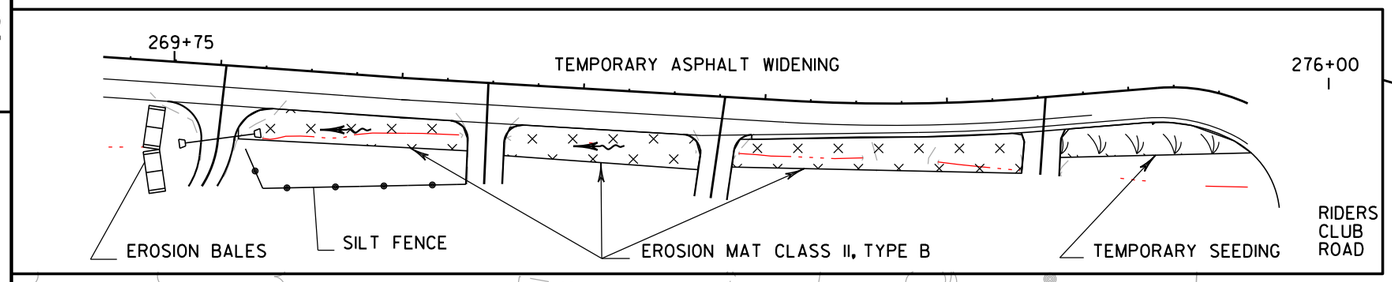
MULTI-USE TRAIL

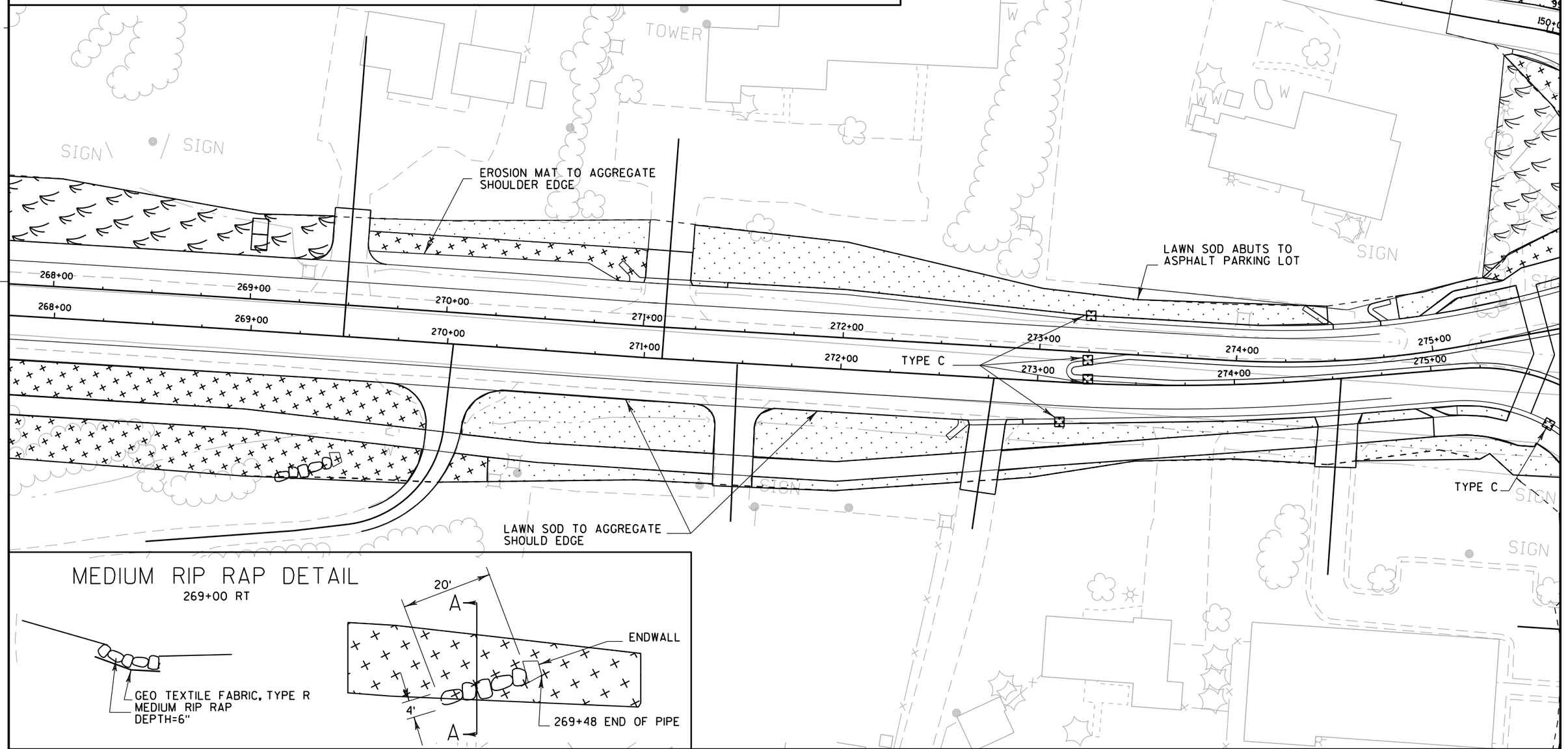
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WISDOT/CADDS SHEET 42

STAGE ONE EROSION CONTROL
TEMPORARY PAVEMENT DITCH WORK (RIGHT)





MEDIUM RIP RAP DETAIL
269+00 RT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

EXTEND TRAIL CONNECTION TO EXISTING
TRAIL BOTH SIDES OF TRAIL CONNECTION

MEDIUM RIP RAP
AT 24-INCH DISCHARGE (8'X4'XO.5' AREA OF RIP RAP)

BIO-INFILTRATION AREA

TYPE A AT MH59

TYPE C

TYPE B

TYPE C

TYPE C

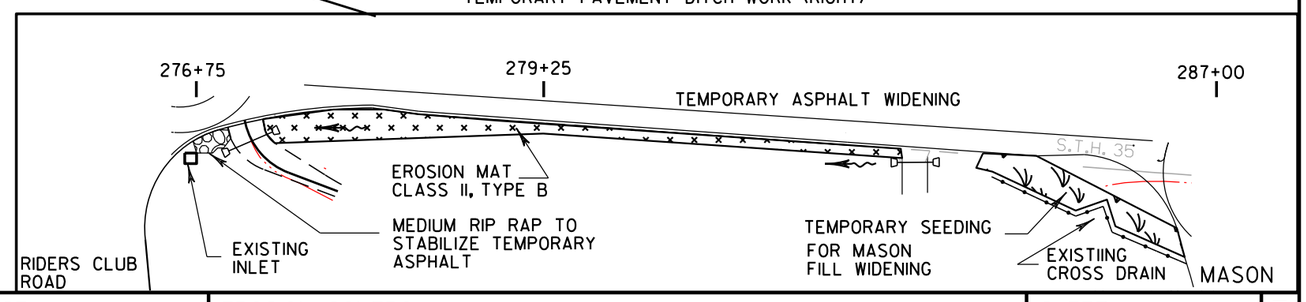
TYPE B

TYPE C

TYPE C

EXTEND LAWN SOD FROM
PROPOSED WALL TO SIDEWALK
MATCH

STAGE ONE EROSION CONTROL
TEMPORARY PAVEMENT DITCH WORK (RIGHT)



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

2

*RIP RAP AT END OF DISCHARGE PIPES ARE 6'X4'X0.5'

BIO-INFILTRATION AREA

MEDIUM RIP RAP AT PIPE DISCHARGES *

TYPE C

TYPE C

TYPE C

TYPE B

TYPE C

LAWN SOD TO BORDER SIDEWALK AND GO TO SLOPE BREAK POITN

DO NOT DISTURB EXISTING TREES OR PLANTINGS OR EXISTING STORM SEWER BASIN DURING LAWN SOD PLACEMENT

NEW COMMERCIAL DEVELOPEMENT DRIVEWAY (SEE PAGE NOTE)

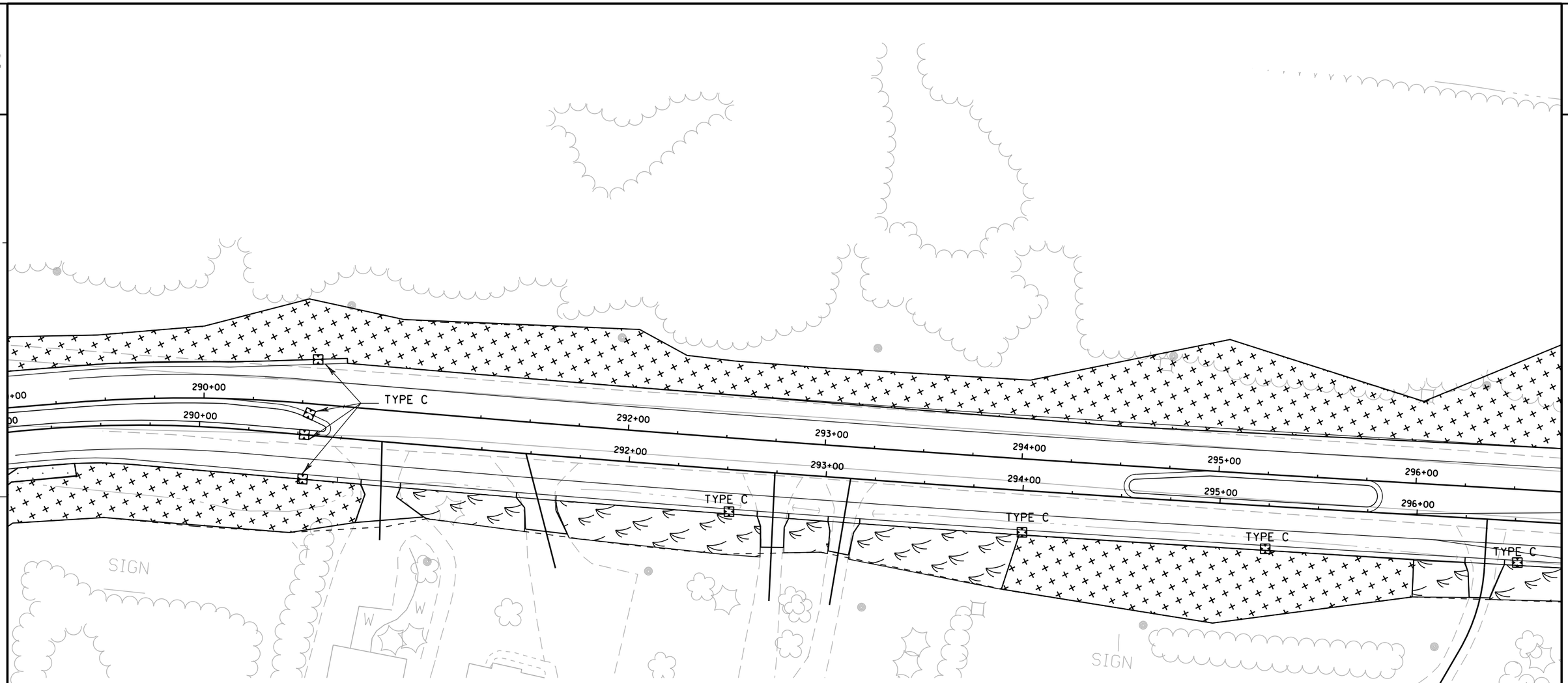
PAGE NOTE:

NEW DRIVEWAY IS TO HAVE LAWN SOD PLACED OF BOTH SIDEDS OF ENTRANCE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

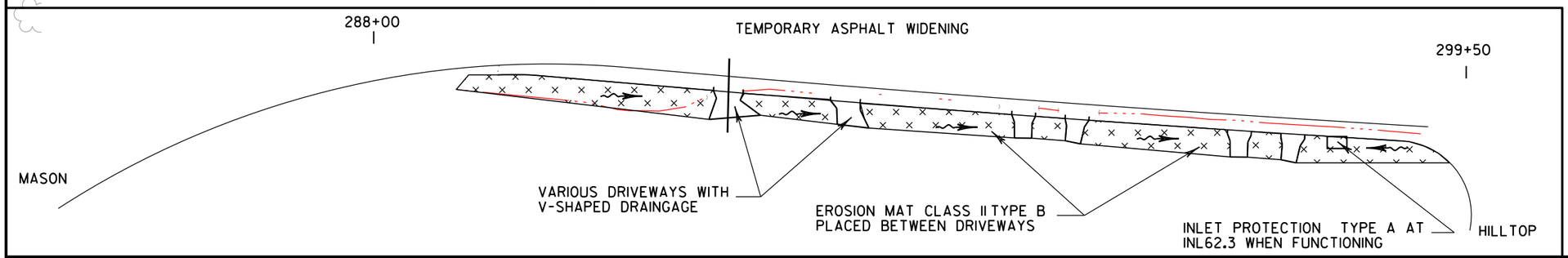
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2



STAGE ONE EROSION CONTROL

TEMPORARY PAVEMENT DITCH WORK (RIGHT)



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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WISDOT/CADDS SHEET 42

2

HEAVY RIP RAP AT OUT FALL

BIKE TRAIL

SILT FENCE FOR BOTH SLOPE WORK AND STORM SEWER EXCAVATION

WALL R-32-58

SILT FENCE FOR WALL BASE EXCAVATION EROSION MAT WHEN FINAL SHAPING IS DONE AT WALL BASE

EROSION BALES ALONG TRENCHING FOR STORM SEWER AND AT WALL POINT. SEE PAGE NOTE

CTH Z

296+00 297+00 298+00 299+00 300+00 301+00 302+00 303+00

106+00 107+00 108+00 109+00 110+00 111+00 112+00

K194

TYPE C

TYPE C

TYPE C

TYPE A

ØH W T SIGN

HILLTOP

STAGE ONE EROSION CONTROL
EROSION MAT CLASS II, TYPE B ADJACENT TO TEMPORARY ASPHALT WITH TEMPORARY SEEDING FROM 300+00 NB TO 305+00 NB RT

PAGE NOTE:
TEMPORARY SEEDING ALONG STORM SEWER TRENCH WITH EROSION BALES PRIOR TO FINAL GRADING

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022014_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42

WALL R-32-58

EXISTING ASPHALT SHOULDER

TAPER/SHAPE ASPHALT SHOULDER TO MATCH EXISTING CURB AND GUTTER SECTION.

BEAM GUARD TERMINAL EARTH WORK

CTH Z

106+00 105+00 104+00 103+00 102+00

303+00 304+00 305+00 306+00 307+00 308+00 309+00 310+00

2' WIDE RIP RAP BARRIER 100' LENGTH *

15'X6'X0.5' MEDIUM RIP RAP AT DISCHARGE POINT

DISCHARGE PIPE

* RAISED RIP RAP AT CENTER OF BARRIER TO CREATE A 6" RIDGE

310+00 (SEE CROSS SECTIONS)

MEDIUM RIP RAP FOR CROSS DRAIN DISCHARGE

SILT FENCE ADJACENT TO ASPHALT PAVEMENT FOR CTH Z TEMPORARY PAVEMENT IN STAGE 2A

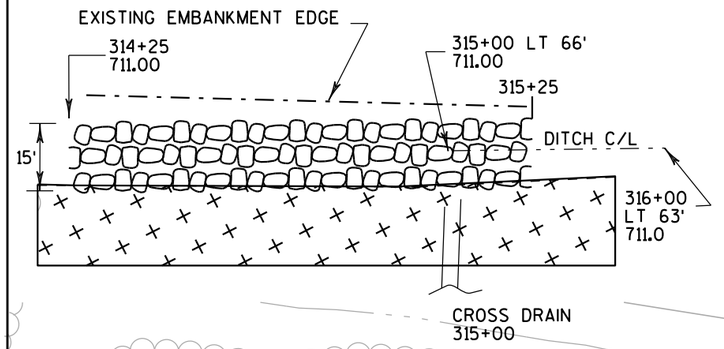
STAGE ONE EROSION CONTROL
TEMPORARY SEEDING AND MULCHING ALONG TEMPORARY ASPHALT PAVEMENT EDGE FROM 305+00 NB RT TO 313+00 NB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

MEDIUM RIP RAP DETAIL

314+25 TO 315+15

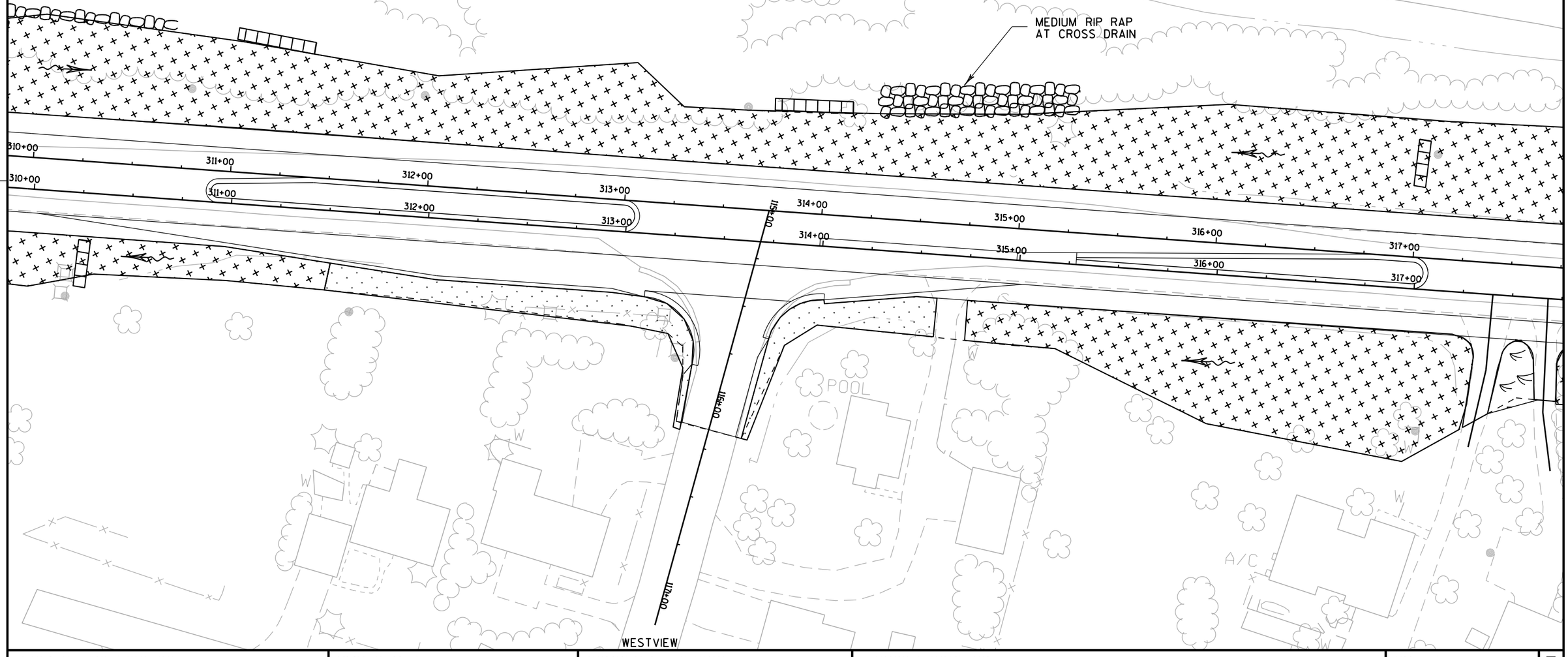


STAGE ONE EROSION CONTROL

MEDIUM RIP RAP AT CROSS DRAIN INTAKE TO STABILIZE TEMPORARY WIDENING.

TEMPORARY SEEDING AND MULCHING ALONG TEMPORARY ASPHALT PAVEMENT EDGE FROM STA 314+00 NB TO 321+00 NB RT.

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022016_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

STAGE ONE EROSION CONTROL

STAGE ONE SILT FENCE INDICATED AND NOT PART OF FINAL PLACEMENT.

TEMPORARY SEEDING AND MULCHING ALONG SILT FENCE AND TEMPORARY ASPHALT PAVEMENT EDGE

STAGE ONE SILT FENCE

LAWN SOD SHOULDER AGGREGATE EDGE

318+00 319+00 320+00 321+00 322+00 323+00 324+00

PI 125+00.00

126+00

127+00

PI 127+17.78

PI 139+21

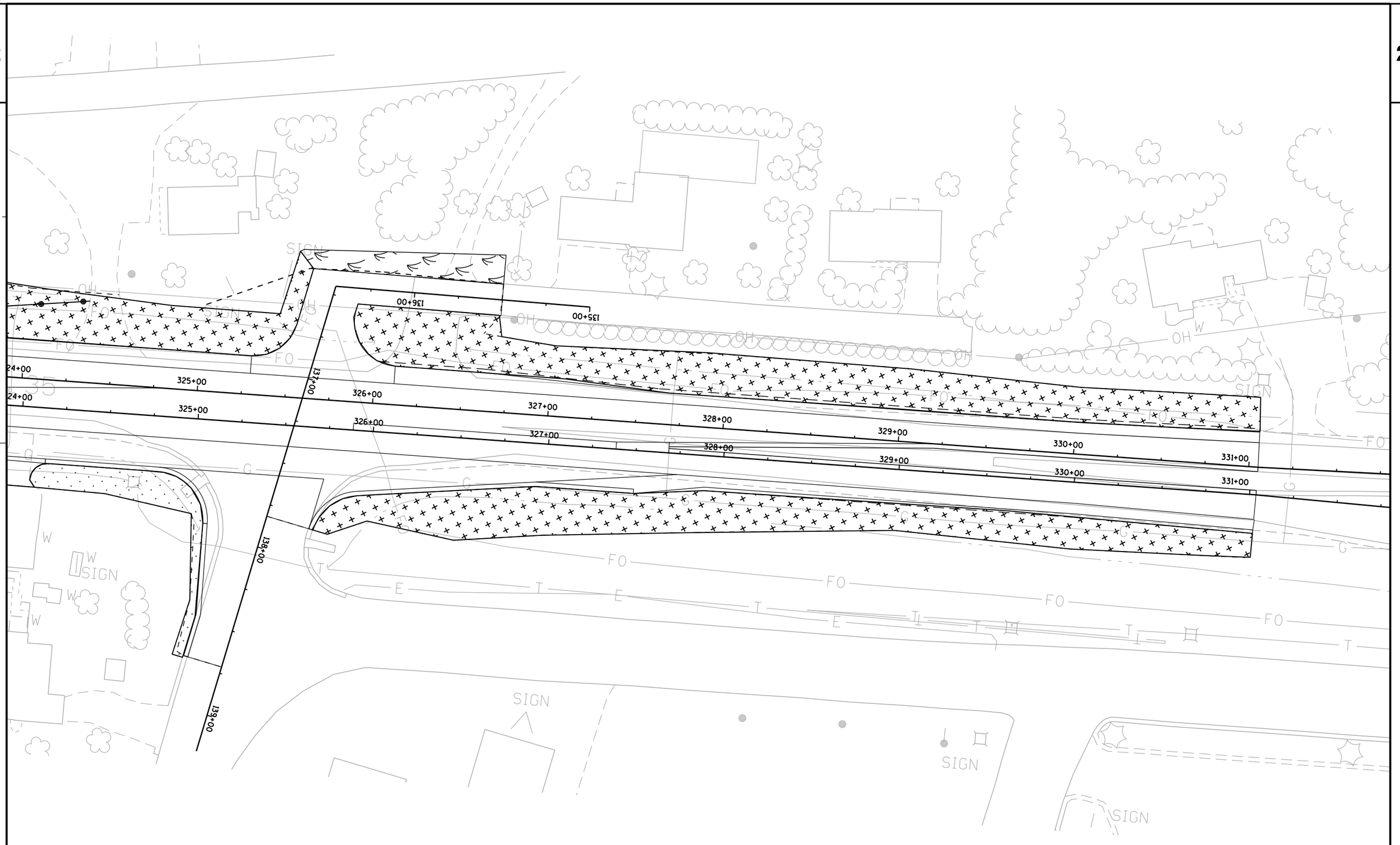
CLOVERDALE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022018_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

MONOTUBE GROUND RESTORATION

10' MULTI-USE TRAIL

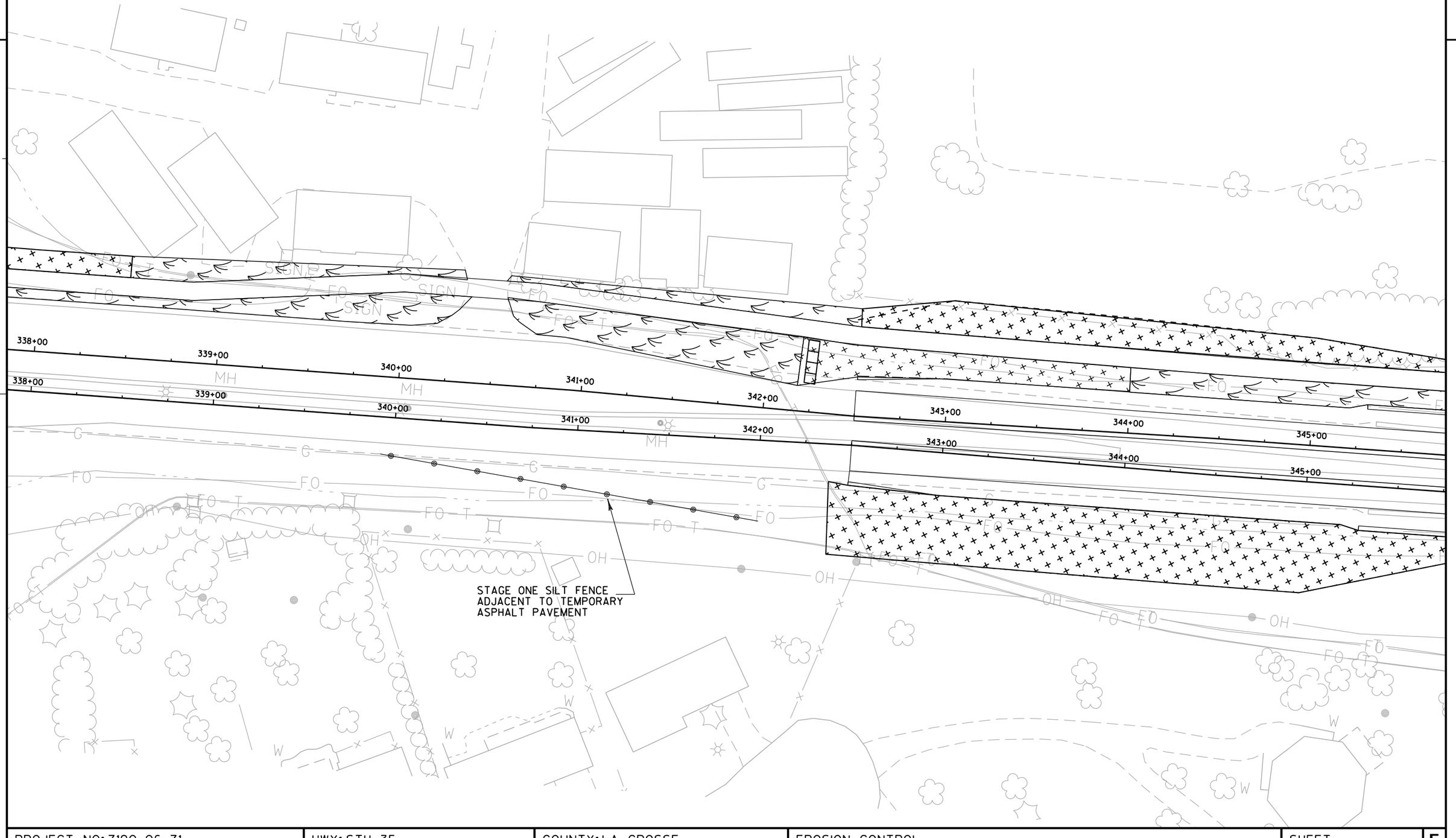
MONOTUBE GROUND RESTORATION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

STAGE ONE EROSION CONTROL

TEMPORARY SEEDING ALONG SILT FENCE



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

2

QUARRY

S.T.H. 35

345+00
346+00
347+00
348+00
349+00
350+00
351+00
352+00

TYPE C

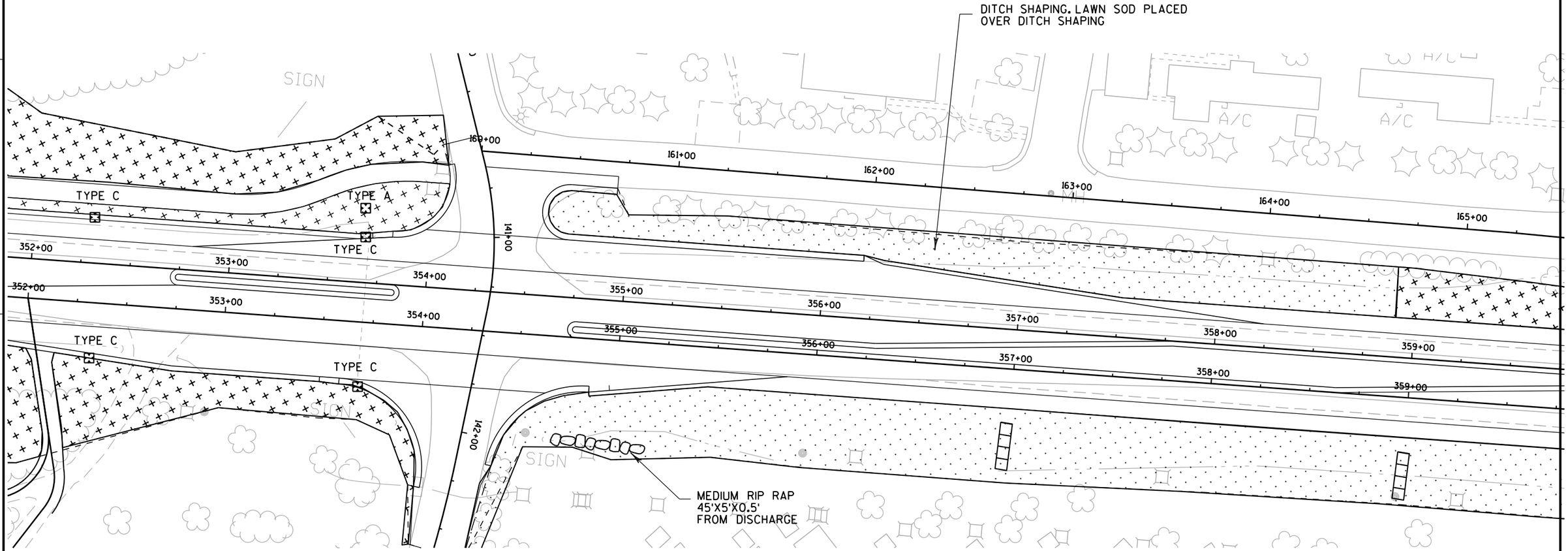
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022021_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

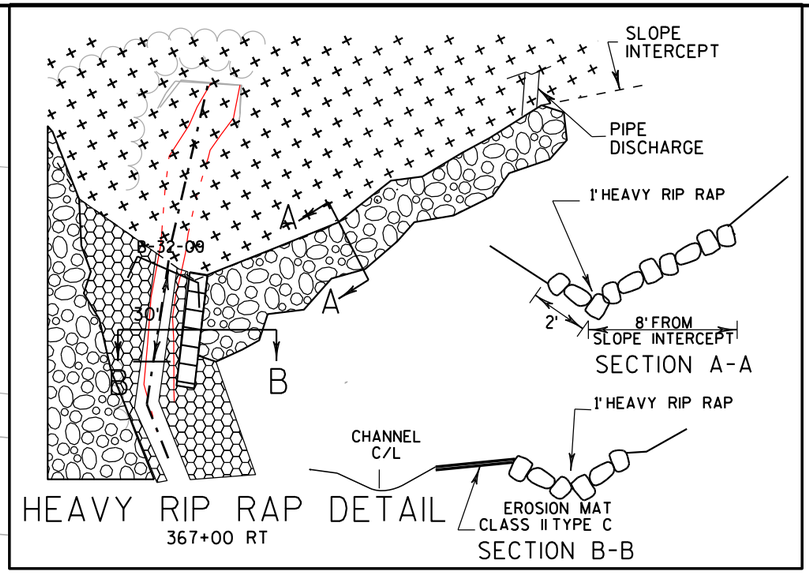


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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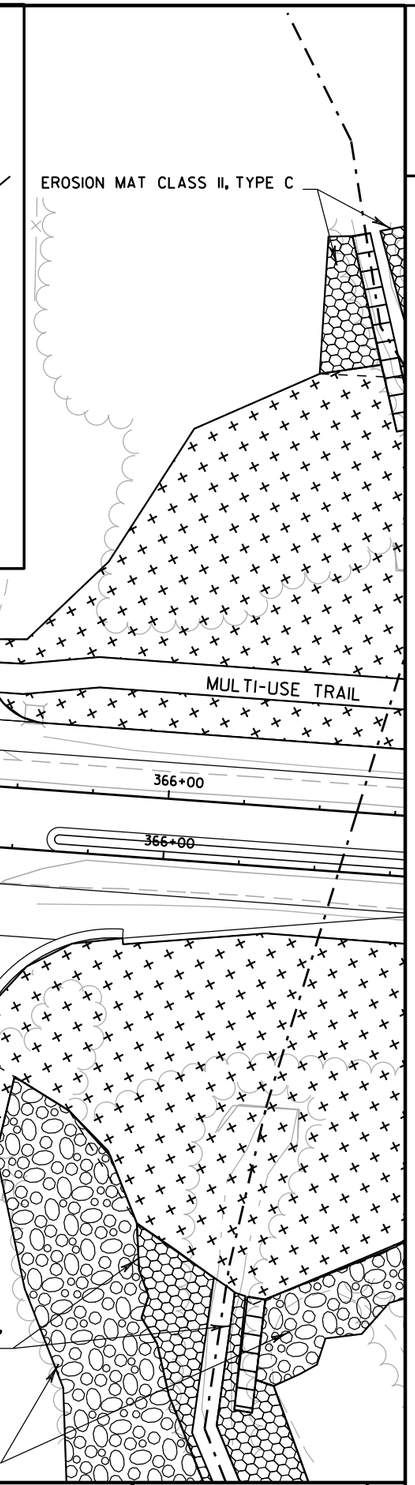
WISDOT/CADDS SHEET 42

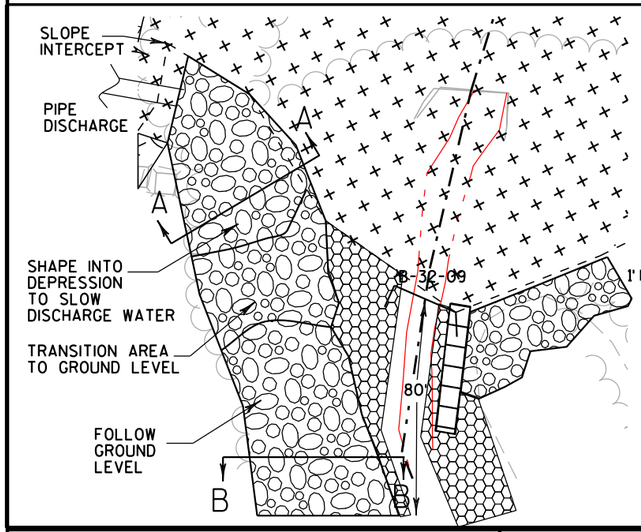
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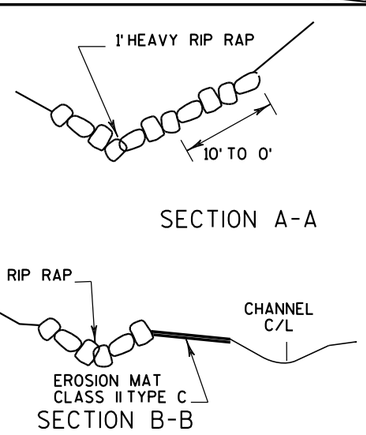


HEAVY RIP RAP DETAIL

367+00 RT







HEAVY RIP RAP DETAIL

366+00 RT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2

EROSION MAT CLASS II, TYPE C

HEAVY RIP RAP

EROSION BALES PLACED ON TOP
OF EROSION MAT CLASS II, TYPE C

EROSION MAT CLASS II, TYPE C
PLACED ALONG STREAM BANK FROM
WING WALL EDGE (100' FROM WING WALL)

CONTINUE TO
MATCH LOCATION

TYPE A

TYPE A
FOR INL 70.1 AND INL 70.2

STH 35

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022024_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

SIGN

SIGN

TYPE A

73+00

374+00

375+00

376+00

377+00

378+00

379+00

380+00

+00

374+00

375+00

376+00

377+00

378+00

379+00

380+00

T.H. 35

CANOPY

MH

SIGN

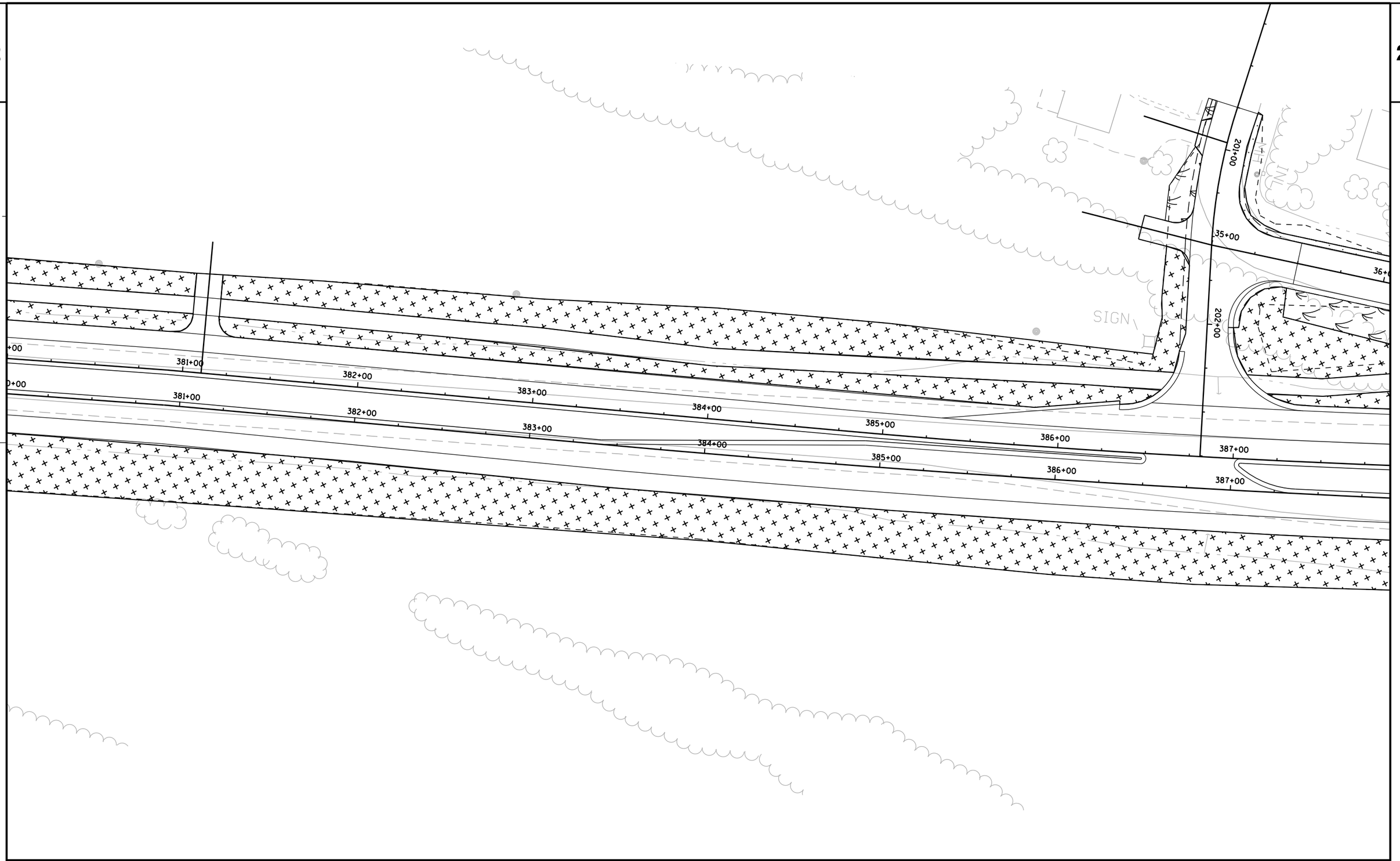
13+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

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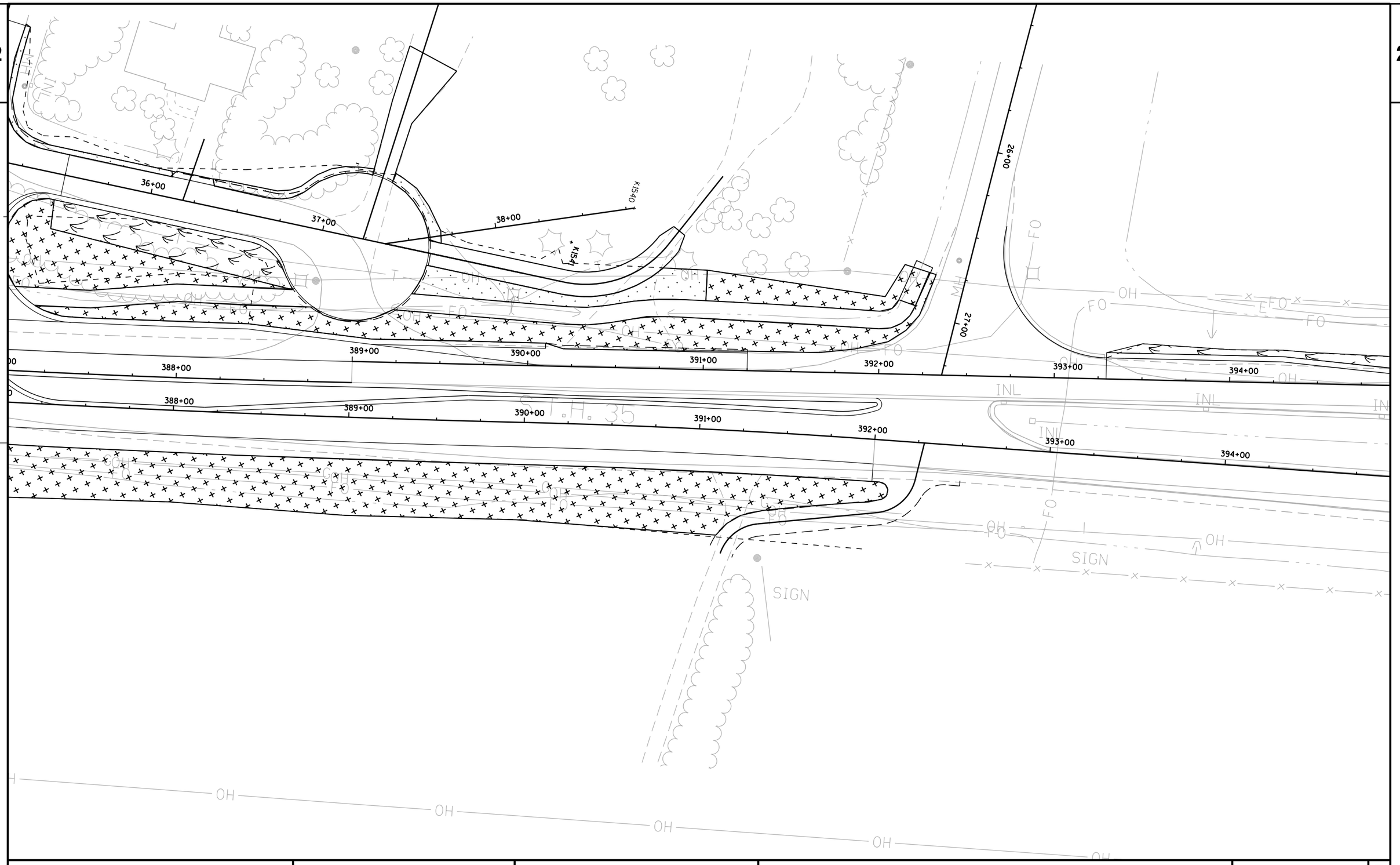
WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022027_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

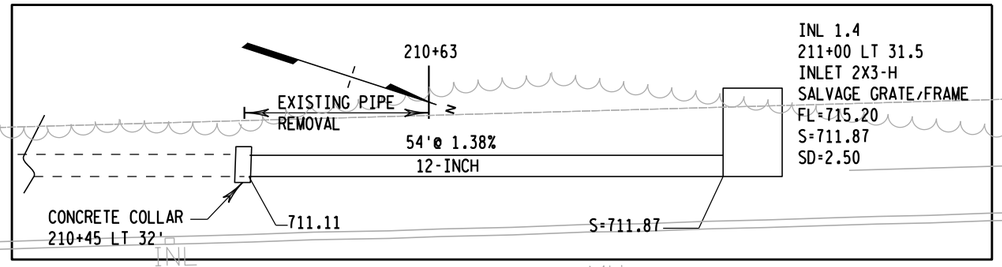
394+00
395+00
396+00
397+00
398+00
399+00
400+00

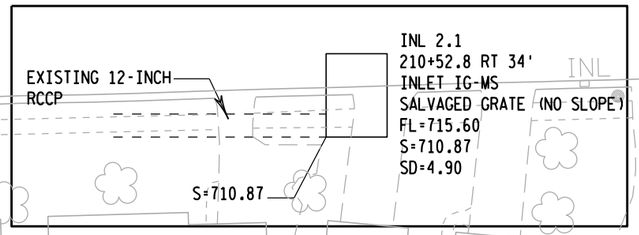
INL
S.T.H. 35
SIGN

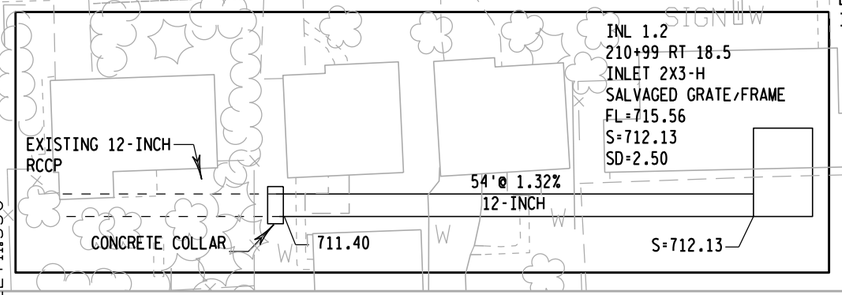
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	EROSION CONTROL	SHEET	E

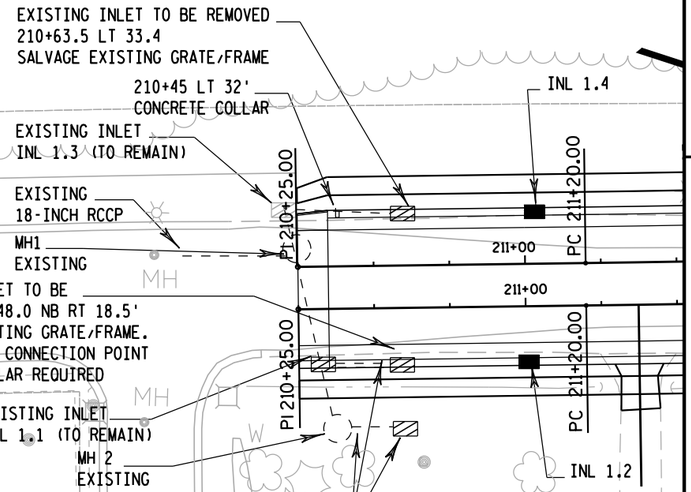
FILE NAME : P:\State\s35\71900600\Cad\022028_ec.dgn PLOT DATE : 15-SEP-2015 10:18 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42









STORM SEWER NOTES:

1) ALL STRUCTURE LOCATIONS ARE REFERENCED FROM THE NB REFERENCE LINE UNLESS OTHERWISE INDICATED.

2) PIPE LENGTHS ARE FROM STRUCTURE CENTERLINE TO STRUCTURE CENTERLINE. PIPES ARE ASSUMED TO BE IN 6-FOOT LENGTHS.

3) FOR HIGHWAY CROSS DRAIN PIPES, DRIVEWAY PIPES OR STORM SEWER OUT FALL PIPES WITH END WALLS, INDICATED INVERTS AND OFFSETS ARE AT THE END OF PIPE.

4) REFER TO STANDARD DETAIL DRAWING INLET OR MANHOLE MATRIX FOR TOP OPENING SIZE/CONFIGURATION TO MATCH SPECIFIED COVER UNLESS INDICATED.

5) ACTIVE STORM SEWER IS PRESENT FOR AREAS OF PLANNED STORM SEWER. SEE MANHOLE 12 STAGING CONNECTION METHOD FOR MAINTAINING STORM SEWER FLOW.

VPC STA 206+85.00
VPC EL 711.530

710

LEGEND

705

DIRECTION OF SURFACE FLOW

END WALL

INLET (PROPOSED)=INL

MANHOLE (PROPOSED)=MH

DASHED LINES TYPICALLY INDICATE EXISTING PIPE OR STRUCTURE

714.96 715.25 715.21 715.73 715.55 715.89 715.83

209+50 210+00 210+50 211+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

EXISTING 42-INCH

EXISTING MH 4 TO BE RECONSTRUCTED SEE SHEET NOTE

12-INCH

24-INCH

MH3

18-INCH

INL 3.5

INL 3.4

INL 3.2

INL 3.1

INL 3.3

EXISTING 42-INCH

11400

211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

12-INCH 72' @ 0.75%

N 710.56

INL 3.5
215+46.8 LT 38.1
INLET 2X3-H
FL=714.64
N=710.56
SD=3.25

12-INCH 30' @ 1.0%

MH3 6-J-S

S 710.0

NE 709.80

SW 709.46

INL 3.4
216+21.0 LT 40'
INLET 4-H
FL=714.13
S=710.0
NE=709.80
SD=3.50

SE 707.80

NW 704.99

VPI STA 212+85.00

VPI EL 721.016

INL 3.1

12-INCH 84' @ 0.8%

N 710.81

S 710.12

12-INCH 42' @ 0.9%

INL 3.2
215+33.3 RT 30.5'
INLET 2X3-H
FL=714.89
N=710.81
SD=3.25

NW 708.44

NE 709.03

S 709.42

INL 3.3
216+57 RT 54.2
INLET IG-MS (NO SLOPE)
FL=712.0
S=709.42
SD=2.75

720

715

710

212+87.22
716.291

INL 3.1
216+20 RT 30.5
INLET 4-H
FL=714.23
S=710.12
NW=708.44
NE=709.03
SD=5.00

MH 3
216+51.4 LT 25.1'
MH 6-J-S
R=715.15
SE=707.80
SW=709.46
NW=704.99
SD=8.00

MH 4
217+17.4 LT 64'
NOTE: SEE STORM SEWER DETAILS FOR RECONSTRUCTION

S 710.12

NE 709.03

18-INCH

NW 708.44

60' @ 1%

SE 707.80

SW 709.46 FROM 3.4

MH4 R=710.1

TO INL 4.1

NE 705.41

24-INCH

72' @ 0.8%

EXISTING MANHOLE CONNECTION 699.00

NW 704.99

SE 704.36

K = 380.89

VCL 1200.00

211+00	211+50	212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00
715.84	716.22	716.34	716.39	716.56	716.54	716.39	716.23	715.91	715.50	715.01	714.55	713.54	713.54	712.88
715.83	716.04	716.19	716.27	716.29	716.24	716.12	715.94	715.70	715.38	715.01	714.56	714.05	713.48	712.84

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022502_ss.dgn PLOT DATE : 28-JUL-2015 08:20 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1 WISDOT/CADDS SHEET 41

delete

INL 4.1
12-INCH
OF5*
INL6.1
INL6.2
INL6.3
INL6.4
INL6.5
MH6
18-INCH
SIGN
SIGN
STA 218+85.00
EL 711.600
VPT
VPT
STA 223+55.00
EL 704.224
VPC
VPC
INL6.1
221+00.8 RT 21.5'
INLET 2X3-H
FL=707.78
N=703.45
SD=3.5'
INL 6.2
221+75.3 RT 21.5'
INLET 4-H
FL=706.61
S=702.27
NE=702.27
SD=3.5'
INL 6.3
222+01.0 RT 29.9'
INLET 4-HS
FL=706.08
S=701.98
NE=701.75
SD=3.5'
INL6.4
223+05.1 RT 21.5'
INLET 2X3-H
FL=704.58
S=700.55
N=700.02
SD=3.75'
INL6.5
224+03.0 RT 21.5'
INLET 2X3-H
FL=703.05
S=698.74
W=697.73
SD=4.5'
INL6.5
224+03.0 RT 21.5'
INLET 2X3-H
FL=703.05
S=698.74
W=697.73
SD=4.5'
MH6
N
697.12
S
698.74
15'@1%
18-INCH
W
697.73
E
697.58
MH6
224+03.0 RT 7.5'
MANHOLE 4-J-S
R=703.33
N=697.12
E=697.58
SD=5.0
74.5'@1%
12-INCH
N
703.45
INL6.2
27.1'@1.1%
12-INCH
S
702.70
NE
702.27
INL6.3
104.4'@1.15%
12-INCH
SE
701.98
N
701.75
INL6.4
97.9'@1.3%
15-INCH
S
700.55
N
700.02
INL6.5
S
698.74
W
697.73
INL 4.1
218+93 LT 41.25'
INLET 4-H
FL=710.75
SW=706.92
SD=3.0'
174'@0.85%
12-INCH
-1.57 %
TO MH 4
MH 6
R=703.33
E
697.58
195'@0.95%
18-INCH
N
697.12
711
708.5
706
703.5
701
698.5
696
712.88 712.84
712.13 712.13
711.50 711.36
710.78 710.58
709.91 709.80
709.09 709.01
708.23 708.23
707.53 707.44
706.63 706.66
705.81 705.87
704.96 705.09
704.01 703.08
703.28 703.52
702.46 702.75
701.56 701.99
700.94 701.24
218+00 218+50 219+00 219+50 220+00 220+50 221+00 221+50 222+00 222+50 223+00 223+50 224+00 224+50 225+00 225+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

MH 7
INL 7.1
14.1'@0.95%
12-INCH
S 695.27
E 695.89
W 696.02
N 694.17

INL 7.1
225+97.9 RT 21.5'
INLET 2X3-H
FL=700.10
W=696.02
SD=3.25'

INL 8.1
227+41.5 RT 23.1
INLET 2X3-H
FL=697.99
N=693.91
SD=3.25

INL 8.2
228+39.5 RT 30.5'
INLET 2X3-H
FL=696.47
S=692.98
N=692.39
SD=3.25'

INL 8.3
229+01.5 RT 30.5'
INLET 2X3-H
FL=695.62
S=691.92
W=691.06
SD=3.75

98.3'@-0.95%
12-INCH
N 693.91
S 692.39

62'@-0.75%
12-INCH
N 692.39
S 691.42
W 691.06

INL 9.1
30+77.8 S RT 23.5'
INLET 4-H
FL=694.81
N=690.73
SD=3.25'

INL 9.2
30+62.6 S LT 19.5'
INLET 4-H
FL=694.40
S=690.50
SW=690.06
SD=3.5'

45.6'@0.5%
12-INCH
INL 9.1
N 690.73
S 690.50
INL 9.2
SW 690.06

INL 10.1
231+23.6 RT 21.5'
INLET 2X3-H
FL=692.80
N=689.22
SD=2.75'

INL 10.2
231+97.6 RT 21.5'
INLET 2X3-H
FL=692.09
S=688.66
F=688.50
SD=2.75'

74'@-0.75%
12-INCH
N 689.22
S 688.66
E 688.50

226+00 227+00 228+00 229+00 230+00 231+00 232+00 233+00

18-INCH
MH 7
INL 7.1
18-INCH
INL 8.1
INL 8.2
MH8
INL 8.3
24-INCH
MH9
INL 9.1
INL 9.2
48-INCH
INL 10.1
INL 10.2
MH10
48-INCH

POWER NOTE:
EXISTING POWER LINE POLES ARE LOCATED BETWEEN SPRUCE AND TROY. COORDINATE EXCAVATION WITH UTILITY COMPANY. POLE STABILIZATION MAY BE REQUIRED.

SHEET NOTE:
AT MH9, 30-INCH CONNECTION PIPE IS PLACED FROM EXISTING MANHOLE TO MH9. 6-FOOT CONNECTION PIPE INTO MH9 FROM EXISTING MANHOLE HAS A TEMPORARY PLUG TO PREVENT FLOW.

MANHOLE JOINT CONVERSION
SEE DETAIL

SEE POWER NOTE
SEE POWER NOTE

SPRUCE ST
EXISTING 30-INCH
(ACTIVE SEWER LINE)

INL10.2
S 688.66
45.6'@0.5%
12-INCH
E 688.50
MH10
W 688.42
S 688.32
N 682.94

VCL 500.00
K = 2565.22

MH 8
INL8.3
15-INCH
9'@1.10%
S 690.07
N 688.64
E 690.96
S 691.92
W 691.06

MH8
229+01.5 RT 21.5
MANHOLE 6-J-S
R=695.80
N=688.64
S=690.07
E=690.96
SD=6.0'

MH9(SEE SHEET NOTE)
230+02.2 RT 25.2'
MANHOLE 8-J-S
R=694.35
N=685.10
S=687.79
E-687.00
NE=689.93
SD=8.25'

MH10
231+98.6 RT 28.5'
MANHOLE 8-J
R=693.69
N=682.69
S=683.32
W=688.42
SD=10.0'

MH7
R=700.38
VPI STA 226+05.00
VPI EL 700.300
MH7
225+97.9 RT 7.5'
MANHOLE 4-J-S
R=700.38
N=694.17
S=695.27
E=695.89
SD=5.0'

E 695.89
195'@0.95%
18-INCH
S 695.27
N 694.17

304.4'@-1.4%
18-INCH

MH8
R=695.30
VPT STA 228+55.00
VPT EL696.864
E 690.96
S 690.07
N 688.64

MH9
-1.37 % R=694.85
INL 9.2
VPC STA 230+73.00
VPC EL693.867
S 690.50
16.9'@-0.75%
12-INCH
NE 698.93
SW 690.06
E 687.00
EXISTING
N 685.10
S 687.79

98.9'@-0.85%
24-INCH

197.9'@-0.9%
48-INCH

MH10
W 688.42
S 683.32
127.5'@ 5.0%
48-INCH
N 682.69

700 696 695 694 693 692 691 690 689 688 687 686 685 684 683 682

695
690
685

700.95 701.24 | 700.09 700.50 | 699.27 699.76 | 698.48 699.04 | 697.65 698.33 | 696.80 697.63 | 696.10 696+93 | 695.41 696.25 | 694.64 695.56 | 694.15 694.87 | 693.57 694.18 | 693.08 693.51 | 692.69 692.95 | 692.39 692.50 | 692.15 692.16

225+50 226+00 226+50 227+00 227+50 228+00 228+50 229+00 229+50 230+00 230+50 231+00 231+50 232+00 232+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\022504_ss.dgn PLOT DATE : 28-JUL-2015 08:20 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

INL 12.1
233+68.6 RT 24.4'
INLET IG-MS SPECIAL
FL=691.44
N=686.05
S=685.11
SD=6.5'

INL 12.2
234+70.6 RT 21.5'
INLET 4-H
FL=691.65
S=686.84
N=687.57
SD=4.0'

INL 12.3
236+97.9 RT 30.5'
INLET 2X3-H
FL=693.38
S=689.80
SD=2.75'

MH12
33.2'@-1.36%
18-INCH
N1
684.66
102'@-0.77%
15-INCH
S
685.11
N
686.05
227.6'@-0.98%
12-INCH
S
686.84
N
687.57
S
689.80

INL 21.1
40+91.0 T RT 21.9'
INLET 8-H
FL=694.75
NW=690.92
SD=3.0

INL 21.2
40+64.0 T LT 21.9
INLET 4-H
FL=694.61
SE=690.53
NE=690.52
SD=3.25'

INL 21.3
238+20.5 RT 32.2'
INLET 4-H
FL=694.57
SW=689.76
SE=690.36
SD=4.0'

MH21
237+89.0 RT 16.5'
MANHOLE 8-J-S
R=694.53
N=687.89
SE=687.86
NE=689.46
SD=5.75'

NW
690.92
51.7'@-0.75%
12-INCH
686.5'
SE
690.53
NE
690.52
24.8'@-0.65%
12-INCH
SE
690.36
SW
689.76
35.2'@-0.85%
15-INCH
687.0'
NE
689.46
SE
687.86
N
687.89

EXISTING
42-INCH
STORM

INSULATION BOARD
POLYSTYRENE
EXISTING 8-INCH SANITARY TRUNK
LINE, FIELD VARIFY DEPTH

SEE STORM SEWER, TROY STREET
DISCHARGE CROSS SECTION DETAIL
FOR DISCHARGE LAYOUT.

MH 13

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

INL12.1
18-INCH
15-INCH
INL12.2
12-INCH
MH12
48-INCH
12-INCH
INL12.4
INL12.3
12-INCH
48-INCH
MH21
24-INCH
15-INCH
MH20
12-INCH
INL21.3
12-INCH
INL21.2
INL21.1
18-INCH
MH22
24-INCH
INL22.2

SEE POWER NOTE

STORM DRAINAGE ADJUSTMENT
EXISTING PVC STORM PIPE.
CUT TO MATCH DITCH

STORM DRAINAGE ADJUSTMENT
EXISTING FLEXIBLE CORRUGATED
PIPE. RELOCATED TO DITCH

MANHOLE JOINT
CONVERSION. SEE
DETAIL

EXISTING 42-INCH
STORM SEWER TRUNKLINE

EXISTING SANITARY MANHOLE
ADJUSTMENT REQUIRED
COMPLETED UNDER PROJECT 7190-06-81

EXISTING 8-INCH SANITARY
(8' PARALLEL OFFSET)

TROY STREET

SEE POWER NOTE

SHEET NOTE:
AT MH20, 42-INCH CONNECTION PIPE IS PLACED FROM EXISTING MANHOLE TO MH20. 6-FOOT CONNECTION PIPE INTO MH9 FROM EXISTING MANHOLE HAS A TEMPORARY PLUG TO PREVENT FLOW.

VCL 500.00
K = 215.10

MH12
R=692.04
233+68.66
691.835

INL 12
233+36.1 RT 28.5'
MANHOLE 9-J
R=692.04
S=676.31
W=676.04
NE=684.26
N1=684.66
SD=15

VPI STA 233+23.00
VPI EL 690.431

INL 12.4
234+08.6 RT 47'
INLET 4-C
R=688.90
SW=684.82
SD=3

INL12.4
R=688.90

FROM INL12.1
83'@-0.68%
12-INCH

N1
684.66
NE
684.26
SW
684.82

STA 235+73.00
VPT EL 692.806

MH20
R=694.34
MH21
R=694.53
+0.95 %

MH20
237+85.5 RT 24.9'
MANHOLE 8-J
R=694.34
E=685.49
S=684.84
NW=687.62
SD=8.5

18.6'@+1.24%
24-INCH

NE
689.46
N
687.89
179'@+1.05%
24-INCH

MH22
R=696.43
E
691.40
237.3'@+0.85%
18-INCH
S
689.77
N
690.44

686.5

450'@1.83%
48-INCH

127.5'@-5.0%
48-INCH
W
676.04
S
676.31
N
676.61

S
684.84
NW
687.62
SE
687.86
SE
685.49
EXISTING 42-INCH
FROM EXISTING
MH CONVERSION

EXISTING 8-INCH
SANITARY. 8-FOOT
PARALLEL OFFSET TO
EXISTING 42-INCH
STORM TRUNKLINE

695 690 689 688 687 686 685 684 683 682 681 680 679 678

692.16
691.91 691.94
691.75 691.84
691.59 691.86
691.67 691.99
691.75 692.24
692.00 692.60
692.22 693.06
692.47 693.41
692.84 693.86
693.22 694.32
693.60 694.77
694.24 695.23
694.79 695.68
695.44 696.14
695.93 696.862

232+50 233+00 233+50 234+00 234+50 235+00 235+50 236+00 236+50 237+00 237+50 238+00 238+50 239+00 239+50 240+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

MH22
239+67.6 RT6.5'
MANHOLE 4-J-S
R=696.43
N=690.44
S=689.77
E=691.40
SD=5.5'

INL 22.2
239+67.6 RT 21.5'
INLET 4-H
FL=696.93
N=691.90
W=691.57
SD=3.75'

INL 22.1
240+66.80 RT 21.5'
INLET 4-H
FL=697.04
S=692.74
NE=693.5(12-INCH)
SD=3.5'

15'@1.5% 15-INCH
99'@0-85% 12-INCH
N 690.44
S 689.77
E 691.40
W 691.57
N 691.57
S 692.74
NE 693.5

MH25
245+22.2 RT 22.5'
MANHOLE 4-J-S
R=701.37
S=695.89
E=696.32
SD=4.25'

INL25.2
245+22.2 RT 30.5'
INLET 2X3-H
FL=701.21
W=696.37
N=697.43
SD=4.0'

INL 25.1
246+20.50 RT 30.5'
INLET 2X3-H
FL=702.15
S=698.32
SD=3.0'

8'@-0.65% 12-INCH
98.3'@-0.90% 12-INCH
S 695.89
E 696.32
W 696.37
N 697.43
S 698.32

FROM MH28
NW 694.61
E/W 686.62

26.6'@-1.15% 12-INCH
38.5'@-1.05% 12-INCH
SE 696.96
NW 697.26
N 697.83
S 698.24

INL 26.2
50+95.0 SR RT 19.1'
INLET 4-B (2x2 OPENING)
FL=703.35
N=697.83
NW=697.26
SD=5.0'

INL26.1
50+90.0 SR LT 19.1'
INLET 4-B (2X2 OPENING)
FL=703.40
S=698.24
SD=4.0'

EXISTING 36" (TO OUTFALL)

MH27
247+00.5
LT 66.5'
EXISTING

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 50+00

18-INCH
12-INCH
INL22.1
MH23
INL23.1
18-INCH
MH24
15-INCH
INL24.1
MH25
INL25.2
12-INCH
INL25.1
EXISTING 36-INCH
MH28
INL28.2
24-INCH
MH26
INL26.2
INL26.1
51+00

STORM DRAINAGE ADJUSTMENT
SEE DETAILS

NOTE:
PRIVATE 12-INCH SDR PVC PIPE PARALLEL TO STH 35 EXISTING BEND CONNECTION POINT AT 241+00 RT 55'

MH23
242+05.0 RT 7.5'
MANHOLE 4-J-S
R=698.66
N=692.46
S=692.45
E=694.15
SD=5.0'

INL 23.1
242+05.0 RT 21.5'
INLET 2X3-H
FL=698.38
W=694.30
SD=3.25

14'@1.05% 12-INCH
E 694.15
W 694.30
S 692.45
N 692.46

MH24
243+88.0 RT 7.5'
MANHOLE 4-J-S
R=700.40
N=694.74
S=694.19
E=695.93
SD=5.0'

INL 24.1
243+88.0 RT 21.5'
INLET 2X3-H
FL=700.12
W=696.04
SD=3.25

14'@-0.75% 12-INCH
E 695.93
W 696.04

MH 26
R=703.47
VPC STA 247+09.00
VPC EL 703.598

+0.95 %

MH23
R=698.66
MH24
R=700.40
MH25
R=701.37

E 694.15
237.3'@-0.85% 18-INCH
S 692.45
N 692.46
182.9'@-0.95% 18-INCH
E 695.93
S 694.19
N 694.74
135'@-0.85% 15-INCH
S 695.89
E 696.32

MH26(EXISTING 5-FT DIA STORM SEWER TAP (2 EACH)
246+93.7 RT 52.9'
ADJUST MANHOLE
R=703.47
N=696.96
S=694.61
E=686.62
SD=16'

FROM INL 26.2
26.6'@-1.15% 12-INCH
SE 696.96
NW 694.61

FROM MH28 : 24-INCH
46.9'2-0.85%

E AND W-686.62
EXISTING 36-INCH INVERTS

700 699 698 697 696 695 694 693 692 691 690

695.93 696.59 | 696.48 697.05 | 696.97 697.50 | 697.57 697.96 | 698.18 698.41 | 698.62 698.87 | 699.14 699.32 | 699.65 699.78 | 700.28 700.23 | 700.75 700.69 | 701.31 701.14 | 701.85 701.60 | 702.45 702.05 | 702.94 702.51 | 703.41 | 702.96

240+00 240+50 241+00 241+50 242+00 242+50 243+00 243+50 244+00 244+50 245+00 245+50 246+00 246+50 247+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

MH27
247+00.5 LT66.5'
EXISTING

MH29
250+13.8 RT 7.5'
MANHOLE 4-J-S
R=705.64
N=698.08
S=697.68
E=700.48
SD=6.75

INL29.2
14'@-1.25%
12-INCH
92'@-0.90%
12-INCH
S 697.68
E 700.48
W 700.65
N 700.98
S 701.81

INL29.1

INL 29.2
250+13.8 RT 21.5'
INLET 2X3-H
FL=705.49
W=700.65
N=700.98
SD=4.0'

INL 29.1
251+05.8 RT 21.5'
INLET 2X3-H
FL=705.64
S=701.81
SD=3.0'

247+00 50-00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

EXISTING 36-INCH

MH28
24-INCH
12-INCH
INL28.2
18-INCH
INL28.1
MH29
12-INCH
INL29.2
12-INCH
INL29.1
15-INCH
MH30
INL30.3
15-INCH
15-INCH
INL30.2

MH26
4+00 5+00 6+00 10+00 11+00 12+00 13+
12-INCH
INL26.2
51+00
INL26.1

MH28
247+21.40 RT 15.0'
MANHOLE 4-J-S
R=703.42
N=695.55
SE=695.01
NE=698.25
SD=7.25'

INL28.2
247+37.7 RT 31.2'
INLET 4-HM
(2X3 OPENING)
FL=703.25
SW=698.42
N=698.95
SD=4.0'

INL28.1
248+47.8 RT 21.5'
INLET 2X3-H
FL=704.33
S=700.00
SD=3.5'

22'@-0.75%
12-INCH
110.5'@-0.95%
12-INCH
46.9'@-0.85%
TO MH26
24-INCH
NE 698.25
SW 698.42
N 698.95
S 700.00
SE 695.01
N 695.55

MH30
253+04.80 RT 6.5'
MANHOLE 4-J-S
R=706.63
S=699.65
E=699.85
SD=5.75'

INL 30.3
253+04.8 RT 21.5'
INLET 4-H
FL=706.33
W=700.02
N=700.03
SD=5.5'

INL 30.2
254+63.8 RT 21.5'
INLET 4-H
FL=706.89
S=701.08
N=701.78
SD=5.0'

INL 30.1
255+98.0 RT 30.5'
INLET 2X3-H
FL=707.18
S=703.10
SD=3.25'

15'@-1.12%
15-INCH
159'@-0.66%
15-INCH
134.5'@-0.98%
12-INCH
S 699.65
E 699.85
W 700.02
N 700.03
S 701.08
N 701.78
S 703.10

VPC STA 247+09.00
VPC EL703.598
VPI STA 248+89.00
VPI EL705.308
VPT STA 250+69.00
VPT EL705.938

710 705 700

MH28
R=703.42
MH29
R=705.64
MH30
R=706.63
+0.35 %

K = 600.00
VCL 360.00

NE 698.25
TO MH26 : 24-INCH
46.9'@-0.73%
292.5'@-0.73%
18-INCH
E 700.48
N 698.08
S 697.68
291.5'@-0.54%
15-INCH
E 699.85
S 699.65

703.41 702.96 SE 695.51 N 695.55
703.85 703.40
704.26 703.81
704.60 704.18
704.95 704.52
705.32 704.81
705.66 705.07
705.89 705.30
706.18 705.49
706.38 705.68
706.52 705.88
706.69 706.07
706.85 706.26
707.06 706.45
707.17 706.65
707.42

247+00 247+50 248+00 248+50 249+00 249+50 250+00 250+50 251+00 251+50 252+00 252+50 253+00 253+50 254+00 254+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022507_ss.dgn PLOT DATE : 28-JUL-2015 08:20 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

MEDIUM RIP RAP REQUIRED AT OVERFLOW EMBANKMENT

ENSURE DRAINAGE IS SLOPED AWAY FROM DRIVEWAY AND RESIDENCE

DRAINAGE DITCH C/L (SEE TABLE)

24-INCH CPCS WITH END WALLS 150' PIPE

694.0
257+00
LT 79'

SUNSET VISTA

698.0
258+50
LT 83.6'

SIGN

254+00 255+00 256+00 257+00 258+00 259+00 260+00 261+00

80+00

79+00

15-INCH

INL 30.2

12-INCH

INL 30.1

13+00

SEE PRIOR SHEET FOR
INL 30.2 AND INL 30.1 DATA

DITCH CENTERLINE ELEVTIONS
SUNSET VISTA CROSS DRAIN
(NB OFFSET)

STATION	LT	ELEV
255+70	89.48	694.00
256+00	92.81	693.00
256+25	86.43	693.25
256+50	79.75	693.50
256+75	79.74	693.75
257+00	79.04	694.00

SEE CROSS SECTIONS FOR BACK SLOPE AND FORE SLOPE
DITCH DATA LEFT OF SHOULDER BREAK POINT

KRAMER

EXISTING CROSS DRAIN
CPCS (TO BE REMOVED)
78+30 KS

+0.35 %

699.4
78+01 KS
LT 20.7'

18-INCH CPCS
WITH ENDWALLS
54' PIPE

696.3
78+28.7 KS
RT 25.7'

710
705
700
695

INL 30.3
253+04.8 RT 21.5'
INLET 4-H
FL=706.33
W=700.02
N=700.03
SD=5.5'

INL 30.2
254+63.8 RT 21.5'
INLET 4-H
FL=706.89
S=701.08
N=701.78
SD=5.0'

INL 30.1
255+98.0 RT 30.5'
INLET 2X3-H
FL=707.18
S=703.10
SD=3.25'

MH30
253+04.80 RT 6.5'
MANHOLE 4-J-S
R=706.63
S=699.65
E=699.85
SD=5.75'

15'@-1.12%
15-INCH

159'@-0.66%
15-INCH

134.5'@-0.98%
12-INCH

S 699.65
E 699.85
W 700.02
N 700.03
S 701.08
N 701.78
S 703.10

707.17	706.65	707.42	706.84	707.50	707.03	707.70	707.22	707.87	707.41	707.96	707.61	708.18	707.80	708.22	707.99	708.15	708.18	708.35	708.38	708.56	708.57	708.68	708.76	708.88	708.95	708.93	709.14	709.09	709.34	709.24
254+00		254+50		255+00		255+50		256+00		256+50		257+00		257+50		258+00		258+50		259+00		259+50		260+00		260+50		261+00		261+50	

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

2

263+96.5 LT 61.3'

PI 263+76.51

PI 263+75.43

263+95 RT 56.3'

EXISTING CROSS DRAIN
24-INCH CPRC TO BE EXTENDED
8-FOOT SECTION AND ENDWALL

S.T.H. 35

SIGN

T FO

G

261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00

VCL 380.00

K = 463.41

+0.35 %

VPC STA 265+22.00
VPC EL 711.023

VPI STA 267+12.00
VPI EL 711.688

700 695 690 715 710 705 700

709.24 709.72 | 709.44 709.72 | 709.57 709.91 | 709.78 710.10 | 709.92 710.30 | 710.13 710.49 | 710.32 710.68 | 710.59 710.87 | 710.84 711.07 | 711.16 711.32 | 711.54 711.62 | 711.94 711.97 | 712.40 712.37 | 712.82 712.83 | 713.23 713.33

261+50 262+00 262+50 263+00 263+50 264+00 264+50 265+00 265+50 266+00 266+50 267+00 267+50 268+00 268+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

72'-18" CMCP
WITH APRON ENDWALLS
269+03 TO 269+75

LT 54'
711.00

LT 60.3
705.90

DRIVEWAY AT 1407
ENSURE DRIVEWAY IS SLOPED
AND DIRECTS SURFACE WATER
ACROSS TO FLUME

ASPHALTIC FLUME

STORM SEWER
SYSTEM FOR RIDERS CLUB
AND MASON

RT 37'
713.0

RT 37'
713.8

MEDIUM RIP RAP
AT DISCHARGE

RT 71'
708.5

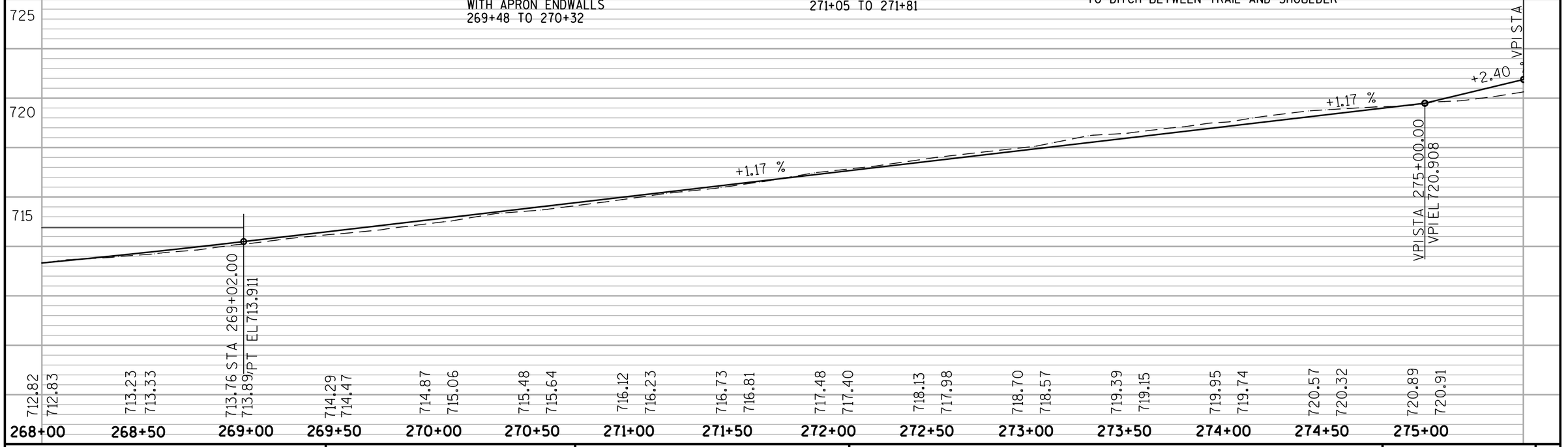
RT 37'
712.2

90'-18" CMCP
WITH APRON ENDWALLS
269+48 TO 270+32

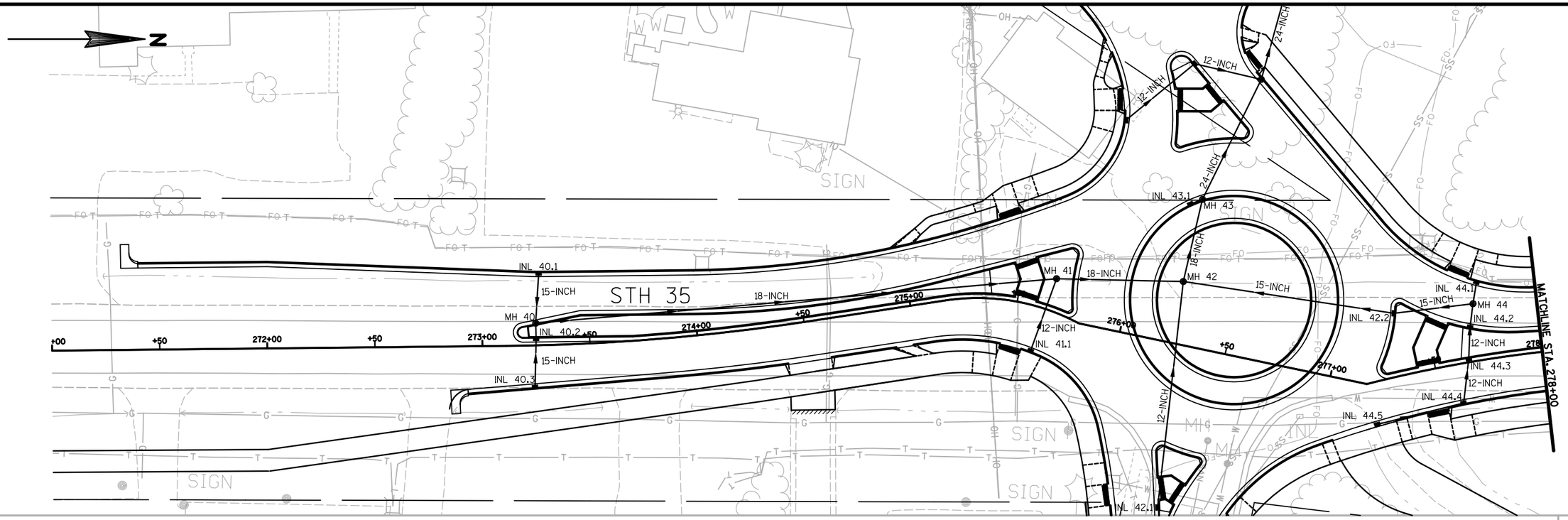
ASPHALTIC FLUME

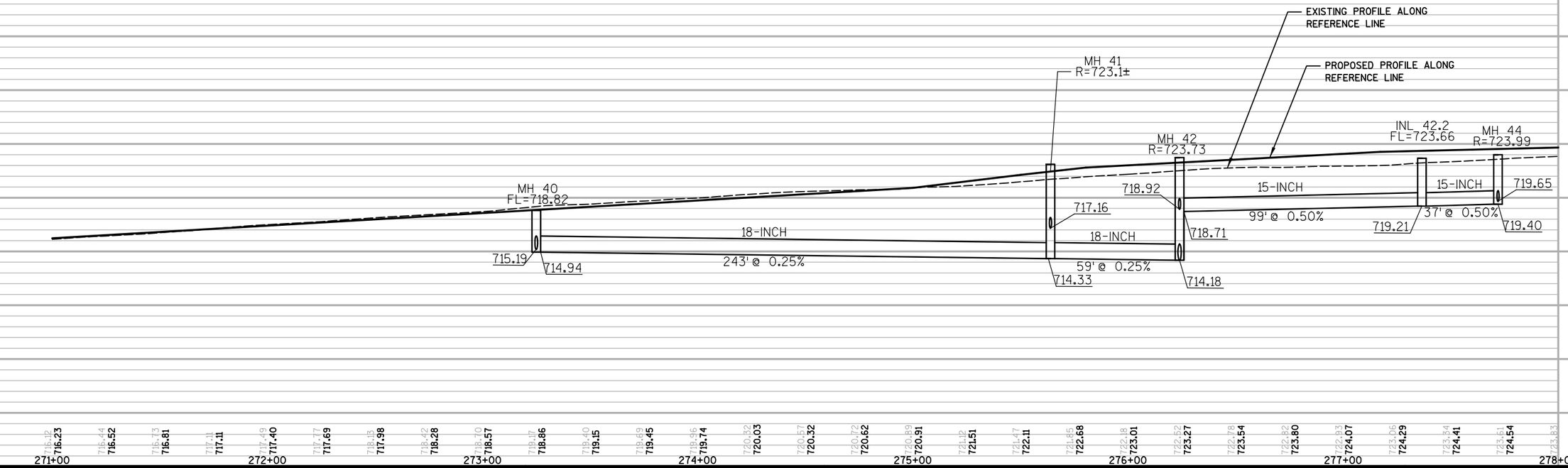
76'-18" CMCP
WITH APRON ENDWALLS
271+05 TO 271+81

SLOPE DRIVEWAY TO DRAIN ACROSS
AND CHANNELS SURFACE WATER DRAINAGE
TO DITCH BETWEEN TRAIL AND SHOULDER

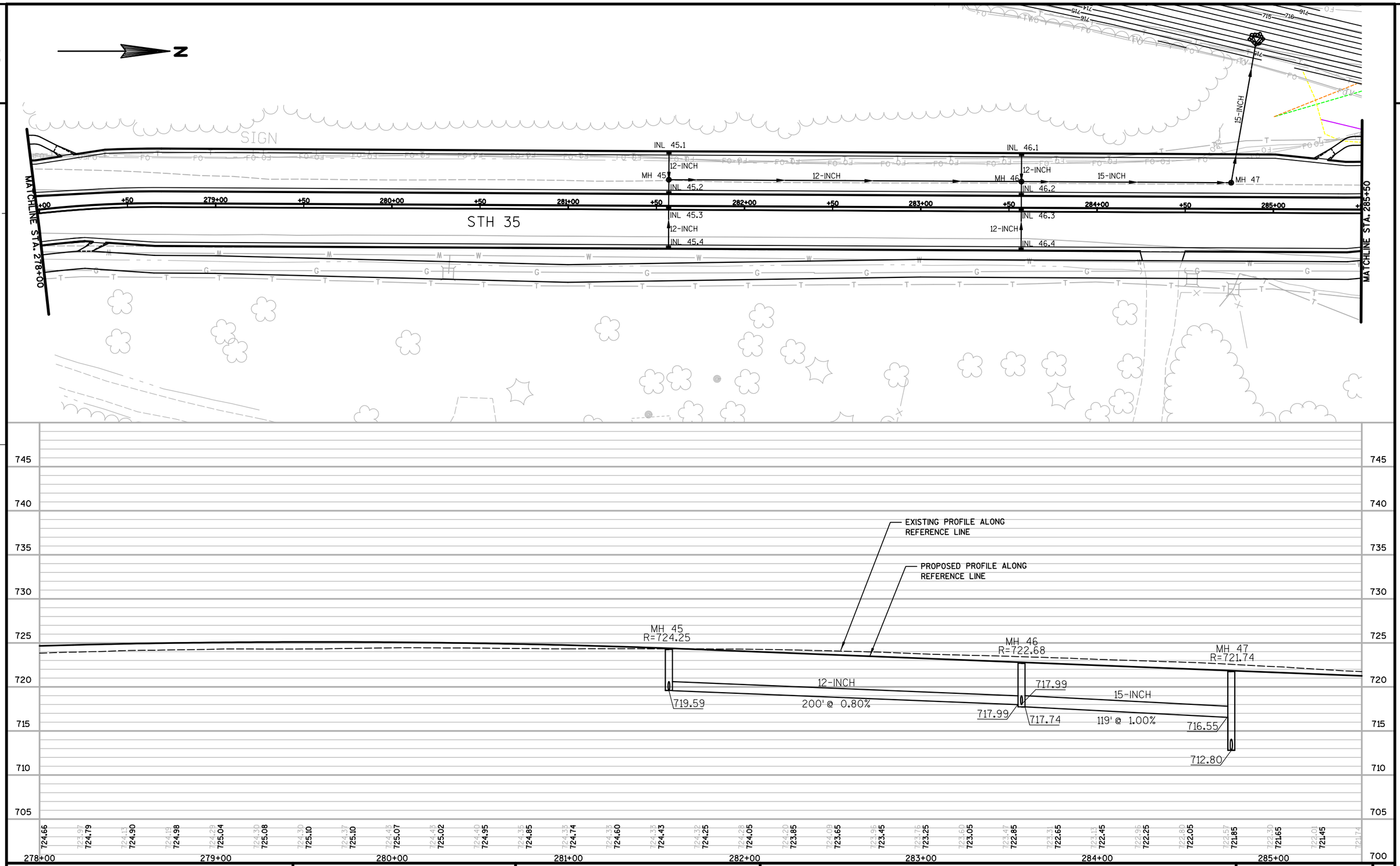


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E



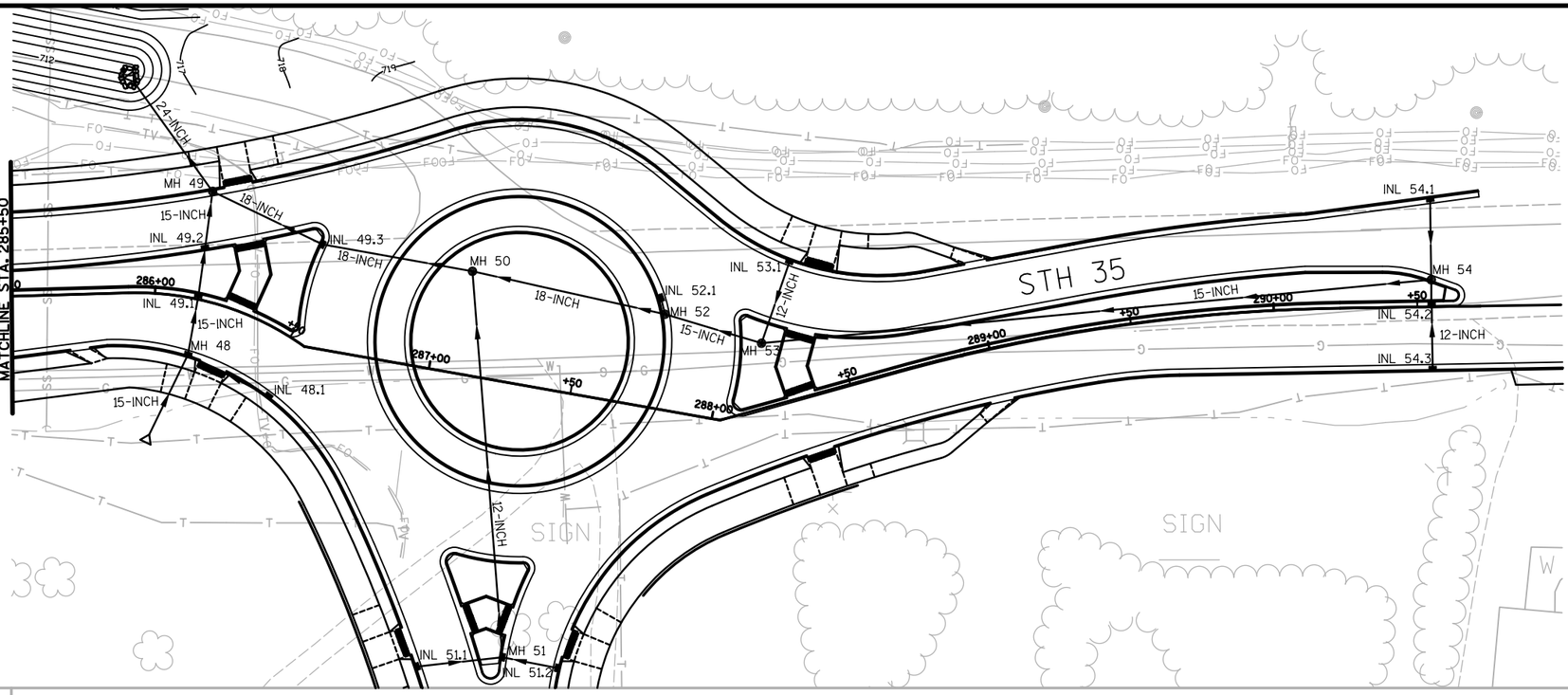


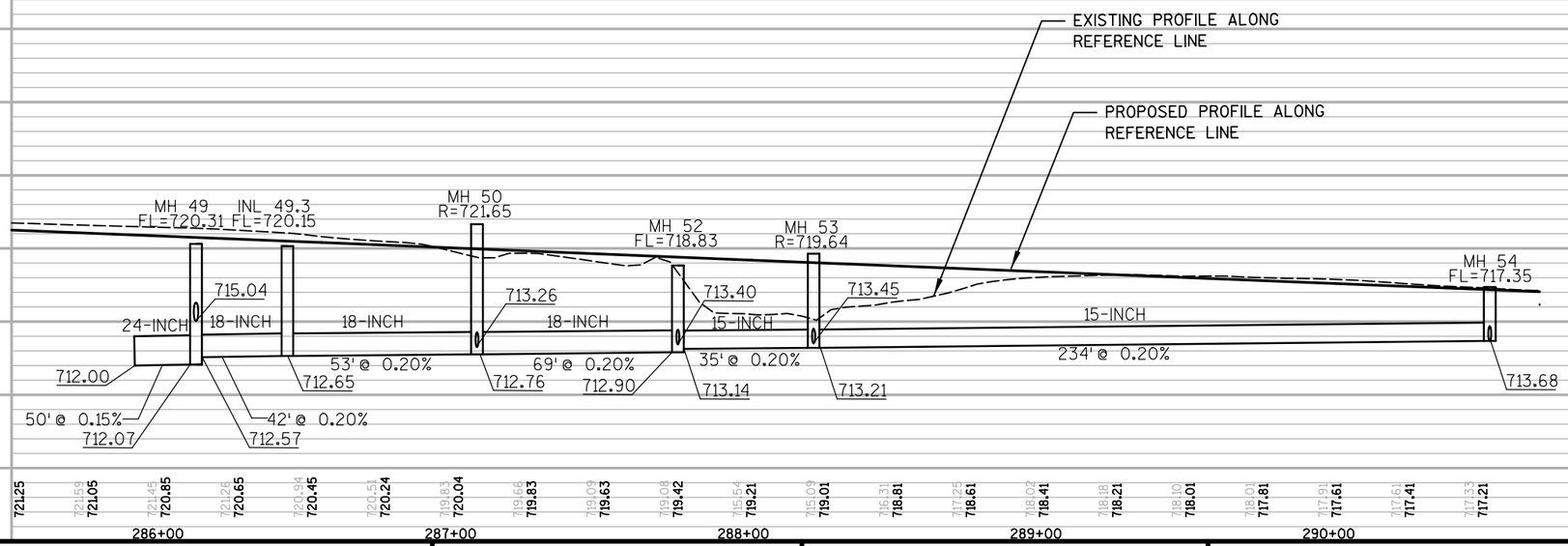
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET 105	E



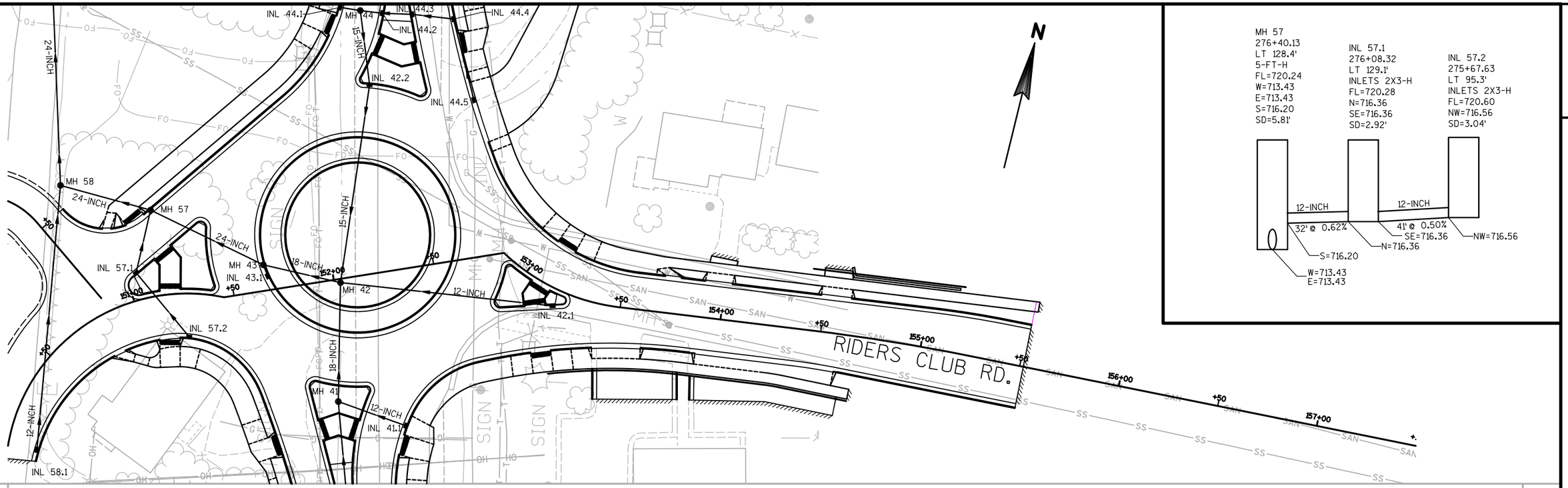
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

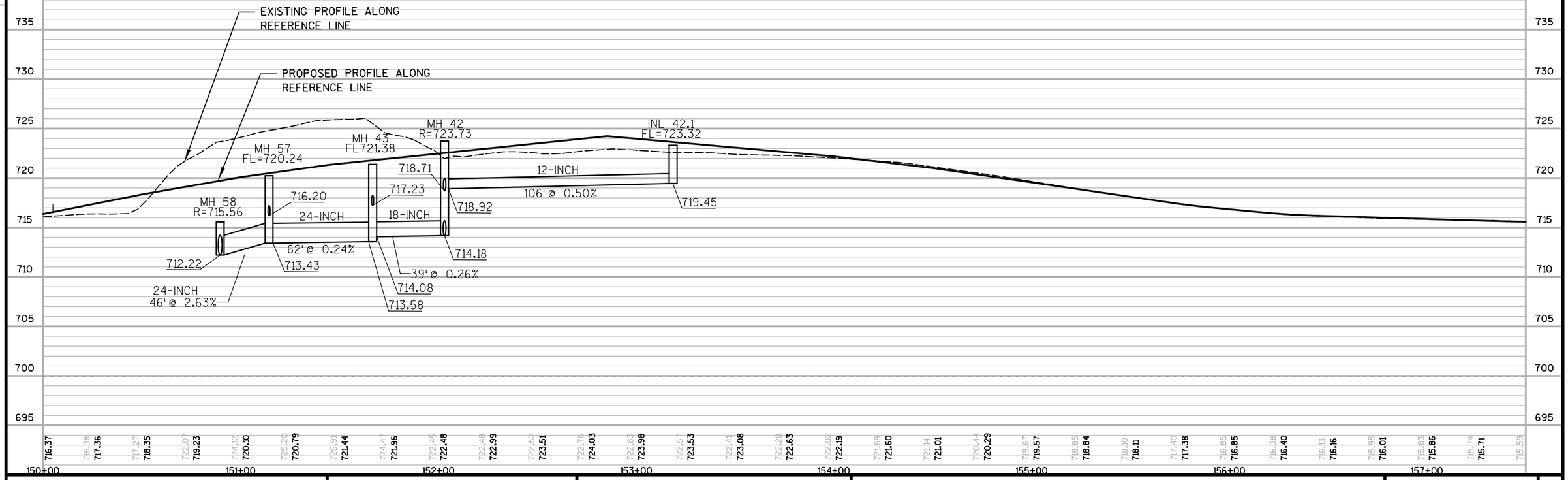
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET 107 E



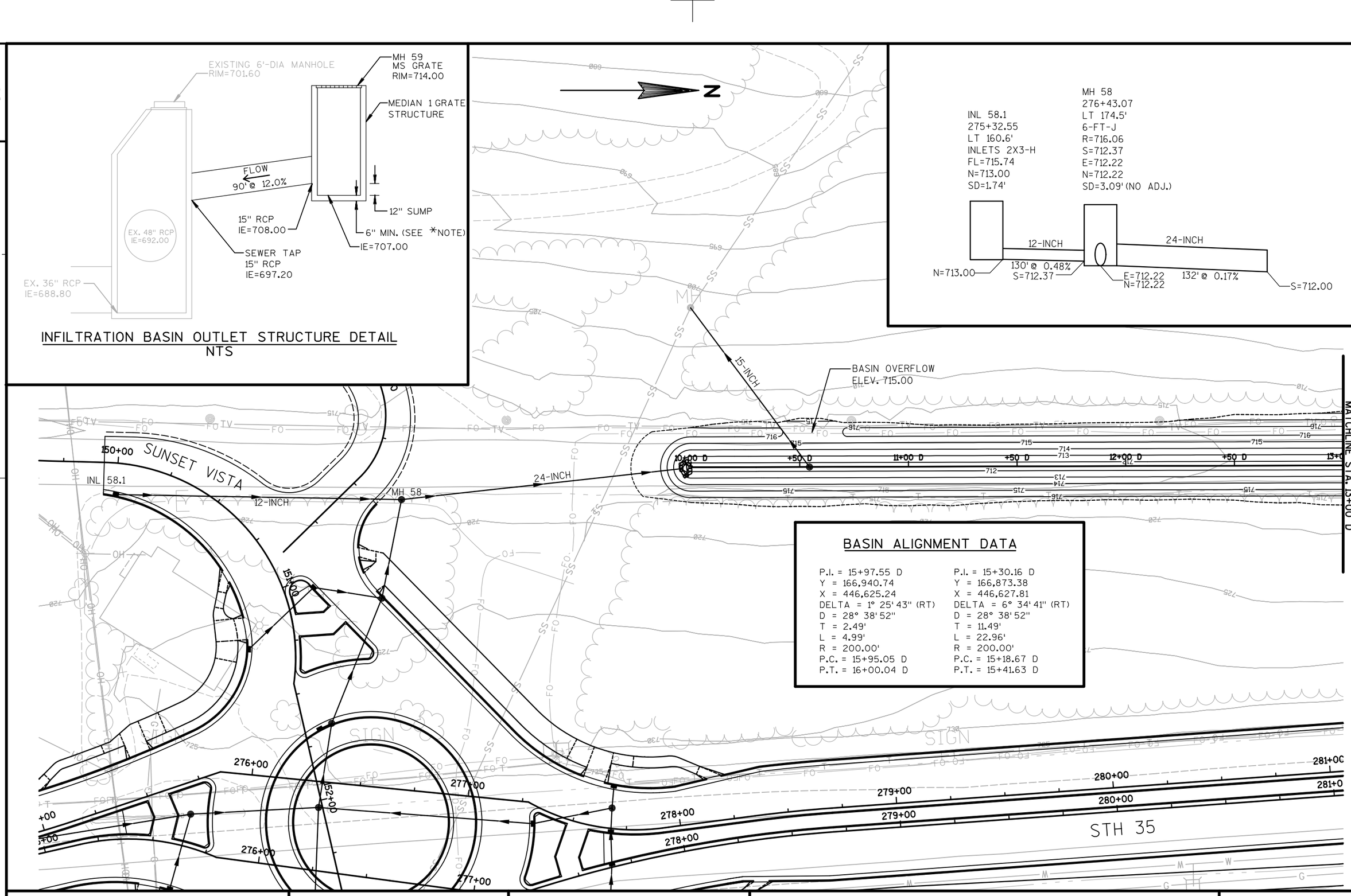


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET 108 E

INFILTRATION BASIN OUTLET STRUCTURE DETAIL
NTS

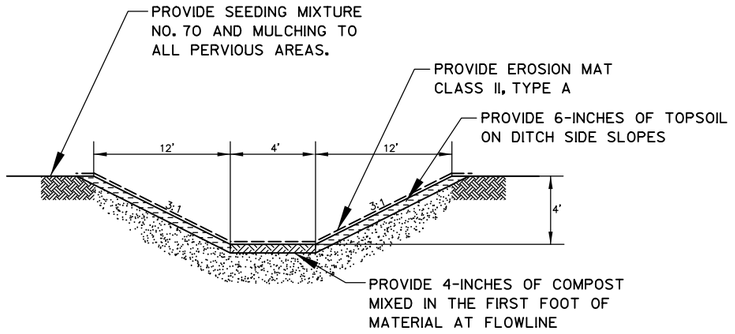
INL 58.1
275+32.55
LT 160.6'
INLETS 2X3-H
FL=715.74
N=713.00
SD=1.74'

MH 58
276+43.07
LT 174.5'
6-FT-J
R=716.06
S=712.37
E=712.22
N=712.22
SD=3.09' (NO ADJ.)



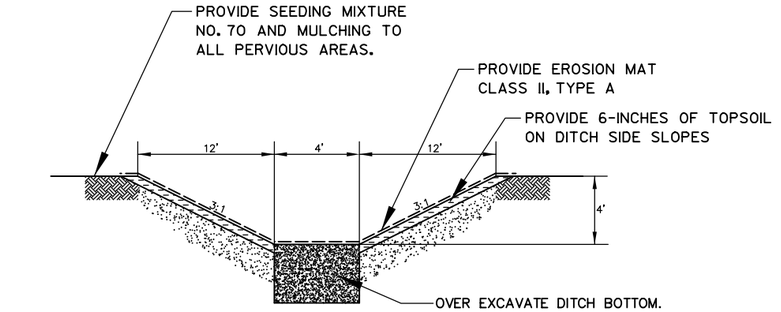
BASIN ALIGNMENT DATA

P.I. = 15+97.55 D	P.I. = 15+30.16 D
Y = 166,940.74	Y = 166,873.38
X = 446,625.24	X = 446,627.81
DELTA = 1° 25' 43" (RT)	DELTA = 6° 34' 41" (RT)
D = 28° 38' 52"	D = 28° 38' 52"
T = 2.49'	T = 11.49'
L = 4.99'	L = 22.96'
R = 200.00'	R = 200.00'
P.C. = 15+95.05 D	P.C. = 15+18.67 D
P.T. = 16+00.04 D	P.T. = 15+41.63 D



TYPICAL INFILTRATION BASIN

STA. 11+00 D - STA. 16+00 D

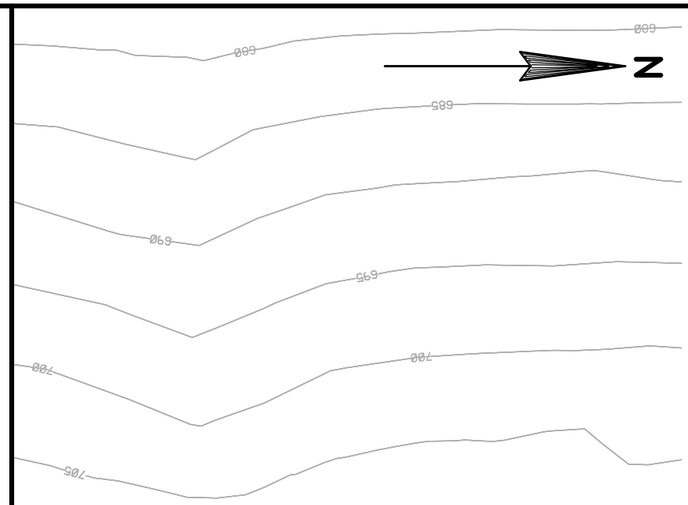


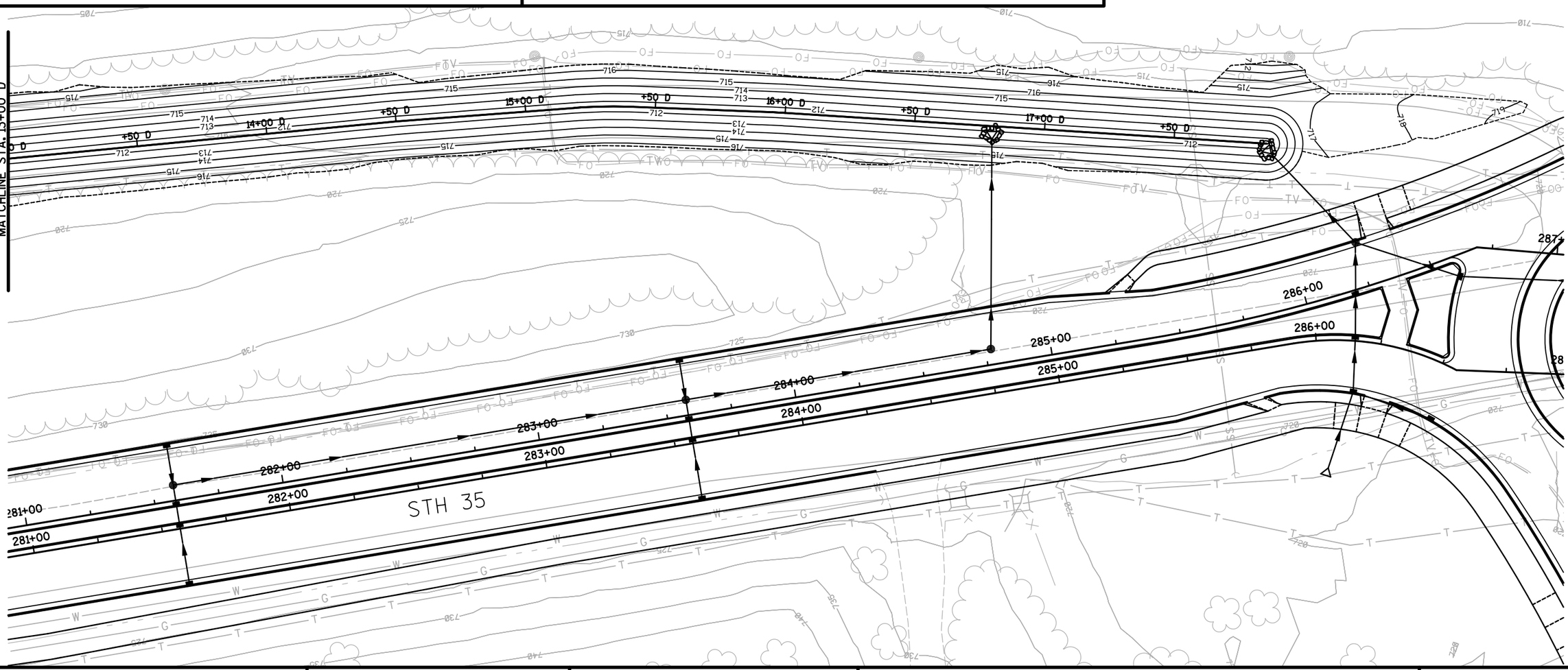
FOR INFORMATION ONLY:

ENGINEERED SOIL = 126.6 CY
ESTIMATED COMMON EXCAVATION = 2395 CY

TYPICAL INFILTRATION BASIN (BIO-INFILTRATION SECTION)

STA. 10+00 D - STA. 11+00 D
STA. 16+00 D - STA. 17+85 D





2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

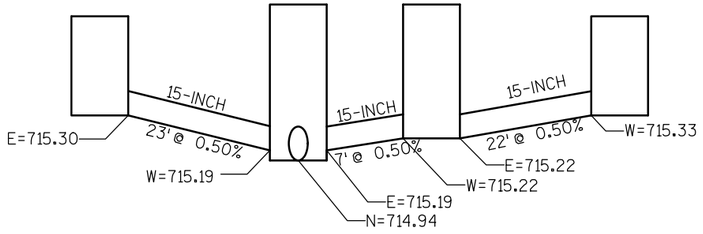
FILE NAME : S:\MAD\1000--1099\1089\337\Micros\PLAN\022506_ss.dgn PLOT DATE : 7/8/2015 PLOT BY : _username_ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

INL 40.1
273+27
LT 33.4'
INLETS 2X3-H
FL=718.42
E=715.30
SD=2.12'

MH 40
273+25
LT 10.3'
4-FT-H
FL=718.82
W=715.19
E=715.19
N=714.94
SD=2.88'

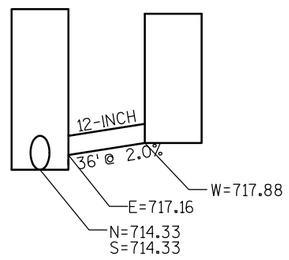
INL 40.2
273+25
LT 3.1'
INLETS 2X3-H
FL=718.77
W=715.22
E=715.22
SD=2.55'

INL 40.3
273+24
RT 19.3'
INLETS 2X3-H
FL=718.39
W=715.33
SD=2.06'



MH 41
275+64
LT 15'
6-FT-J
R=723.1±
E=717.16
N=714.33
S=714.33
SD=6.66'

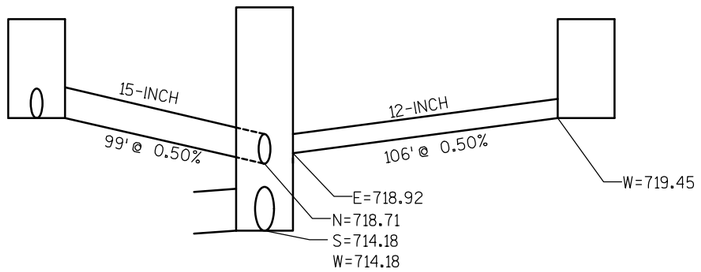
INL 41.1
275+63
RT 20.6'
INLETS 2X3-H
FL=721.92
W=717.88
SD=3.04'



INL 42.2
277+36.62
LT 29.0'
INLETS 2X3-H
FL=723.66
N=719.21
S=719.21
SD=3.45

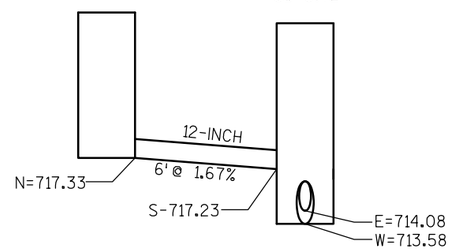
MH 42
276+24
LT 29'
4-FT-J
R=723.73
N=718.71
S=714.18
E=718.92
W=714.18
SD=8.14'

INL 42.1
276+33.96
RT 76.2'
INLETS 2X3-H
FL=723.32
W=719.45
SD=2.87'



INL 43.1
276+19.81
LT 65'
INLETS 2X2.5-T (SPECIAL)
FL=71721.33
N=717.33
SD=2.92'

MH 43
276+24.86
LT 68.2'
6-FT-T (SPECIAL)
FL=721.38
W=713.58
E=714.08
S=717.23
SD=6.72'



2

INL 44.1
277+75
LT 36.1'
INLETS 2X3-H
FL=723.79
E=719.75
SD=3.04'

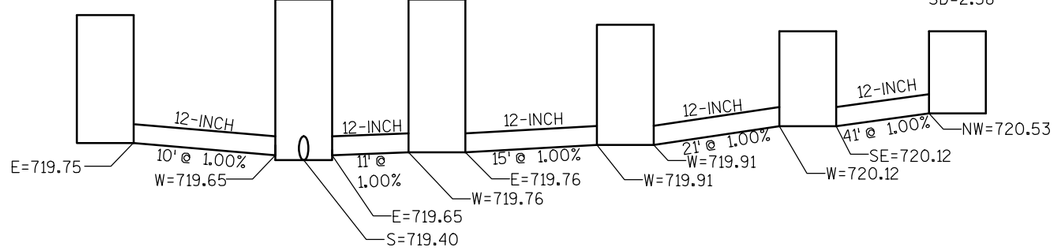
MH 44
277+72
LT 26.5'
4-FT-J
R=723.99
W=719.65
E=719.65
S=719.40
SD=3.18'

INL 44.2
277+69
LT 16'
INLETS 2X3-H
FL=724.19
W=719.76
E=719.76
SD=3.43'

INL 44.3
277+66
LT 1.5'
INLETS 2X3-H
FL=724.50
W=719.91
E=719.91
SD=3.59'

INL 44.4
277+60
RT 18.3'
INLETS 2X3-H
FL=724.13
W=720.12
SE=720.12
SD=3.01'

INL 44.5
277+17.33
RT 19.4
INLETS 2X3-DW
FL=723.94
NW=720.53
SD=2.58'



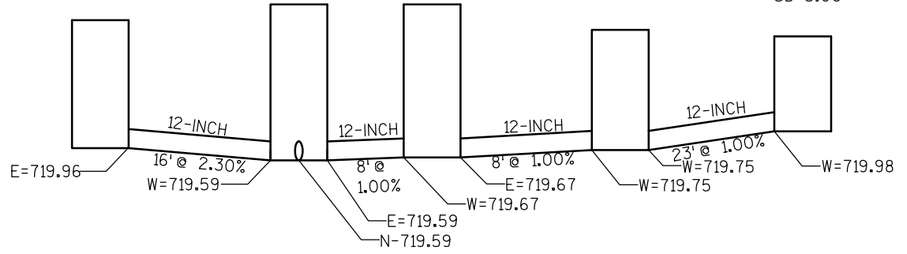
INL 45.1
281+57
LT 32.5'
INLETS 2X3-H
FL=723.97
E=719.96
SD=3.01'

MH 45
281+57
LT 17'
4-FT-J
R=724.25
W=719.59
E=719.59
N=719.59
SD=3.25'

INL 45.2
281+57
LT 9.5'
INLETS 2X3-H
FL=724.37
W=719.67
E=719.67
SD=3.70'

INL 45.3
281+57
LT 1.5'
INLETS 2X3-H
FL=724.38
W=719.75
E=719.75
SD=3.63'

INL 45.4
281+57
RT 21.5'
INLETS 2X3-H
FL=723.98
W=719.98
SD=3.00'



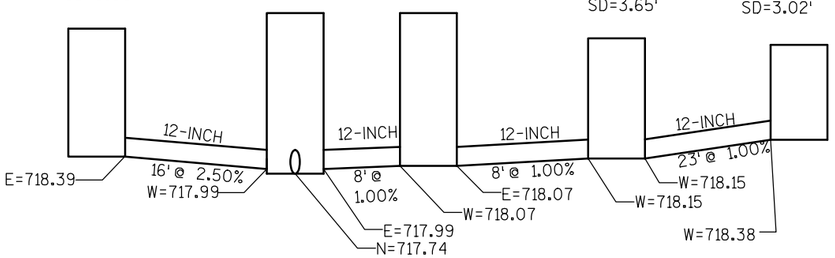
INL 46.1
283+57
LT 32.5'
INLETS 2X3-H
FL=722.39
E=718.39
SD=3.00'

MH 46
283+57
LT 17'
4-FT-J
R=722.68
W=717.99
E=717.99
N=717.74
S=717.99
SD=3.53'

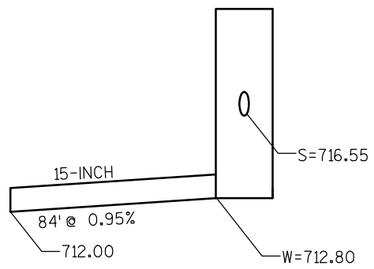
INL 46.2
283+57
LT 9.5'
INLETS 2X3-H
FL=722.79
W=718.07
E=718.07
SD=3.72'

INL 46.3
283+57
LT 1.5'
INLETS 2X3-H
FL=722.80
W=718.15
E=718.15
SD=3.65'

INL 46.4
283+57
RT 21.5'
INLETS 2X3-H
FL=722.40
W=718.38
SD=3.02'

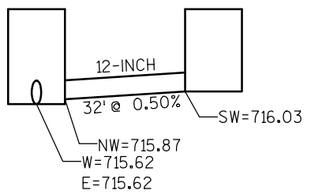


MH 47
284+76
LT 17'
4-FT-J
R=721.74
W=712.80
S=716.55
SD=7.53'



MH 48
286+16
RT 19.6'
4-FT-H
FL=720.37
W=715.62
E=715.62
NE=715.87
SD=3.75'

INL 48.1
286+55.85
LT 21.2'
INLETS 2X3-H
FL=720.02
SW=716.03
SD=2.99'

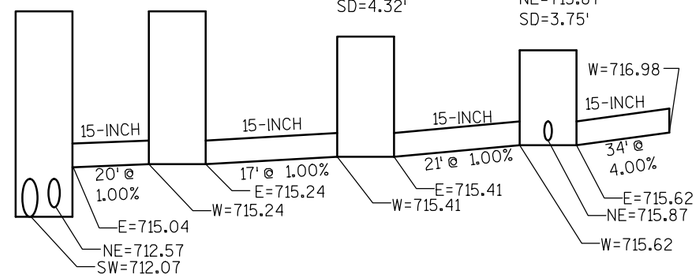


MH 49
286+13
LT 37.9'
6-FT-H
FL=720.31
NE=712.57
SW=712.07
E=715.04
SD=7.24'

INL 49.2
286+14
LT 18'
INLETS 2X3-H
FL=720.64
W=715.24
E=715.24
SD=4.40'

INL 49.1
286+15
LT 1.5'
INLETS 2X3-H
FL=720.73
W=715.41
E=715.41
SD=4.32'

MH 48
286+16
RT 19.6'
4-FT-H
FL=720.37
W=715.62
E=715.62
NE=715.87
SD=3.75'

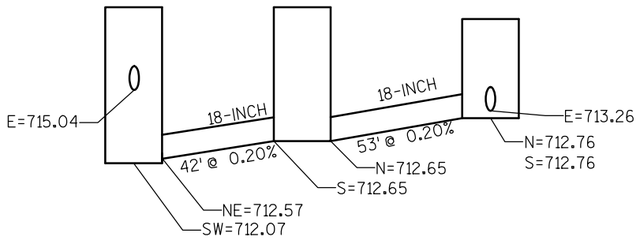


PROJECT NO: 7190-06-71 | HWY: STH 35 | COUNTY: LA CROSSE | STORM SEWER AND DRAINAGE PLAN | SHEET 111 | E

MH 49
286+13
LT 37.9'
6-FT-H
FL=720.31
SW=712.07
NE=712.57
E=715.04
SD=7.24'

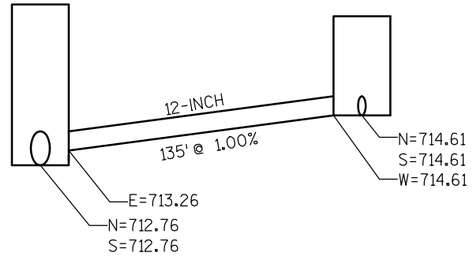
INL 49.3
286+44.23
LT 33.5'
INLETS 2X3-H
FL=720.15
N=712.65
S=712.65
SD=6.50'

MH 50
287+09
LT 36'
4-FT-J
R=721.65
N=712.76
S=712.76
E=713.26
SD=7.48'



MH 50
287+09
LT 36'
4-FT-J
R=721.65
N=712.76
S=712.76
E=713.26
SD=7.48'

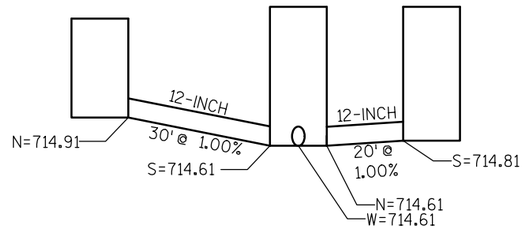
MH 51
287+42.72
RT 94.4'
4-FT-H
FL=718.95
N=714.61
S=714.61
W=714.61
SD=3.34'



INL 51.1
287+14
RT 102.9'
INLETS 2X3-H
FL=719.18
N=714.91
SD=3.27'

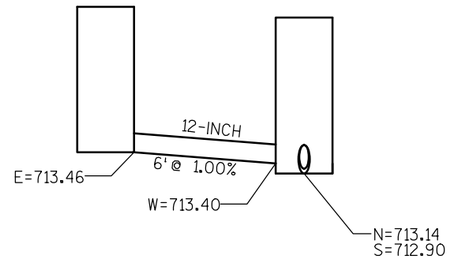
MH 51
287+42.72
RT 94.4'
4-FT-H
FL=718.95
W=714.61
S=714.61
N=714.61
SD=3.34'

INL 51.2
287+62.28
RT 94.8'
INLETS 2X3-H
FL=719.09
S=714.81
SD=3.28'



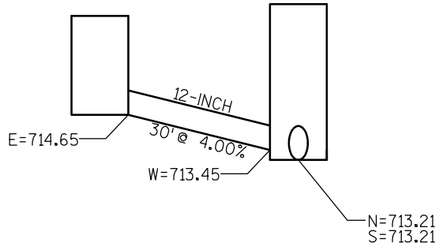
INL 52.1
287+75.25
LT 38.4'
INLETS 2X2.5-T (SPECIAL)
FL=718.86
E=713.46
SD=4.32'

MH 52
287+77.62
LT 33'
6-FT-T (SPECIAL)
FL=718.83
W=713.40
N=713.14
S=712.90
SD=4.85'



INL 53.1
288+41
LT 46.9'
INLETS 2X3-H
FL=718.63
E=714.65
SD=3.00'

MH 53
288+24
LT 22'
4-FT-J
R=719.64
W=713.45
N=713.21
S=713.21
SD=5.02'

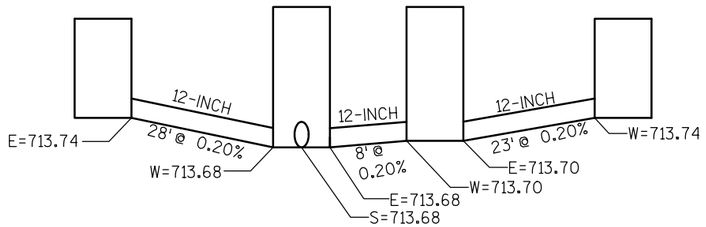


INL 54.1
290+55
LT 37.5'
INLETS 2X3-H
FL=716.74
E=713.74
SD=2.00'

MH 54
290+55
LT 9.4'
4-FT-H
FL=717.35
W=713.68
E=713.68
S=713.68
SD=2.67'

INL 54.2
290+55
LT 1.4'
INLETS 2X3-H
FL=717.23
W=713.70
E=713.70
SD=2.53'

INL 54.3
290+55
RT 21.6'
INLETS 2X3-H
FL=716.77
W=713.74
SD=2.03'



STORM SEWER SYSTEM
FOR RIDERS CLUB ROAD
AND MASON STREET

PC 289+32.57
PI 289+45.11
PI 289+91.84
PT 290+50.83
BACK 290+70.98
AHEAD 290+55.32
PT 290+23.07
BACK 290+72.01
AHEAD 290+53.47
INL60.1
PI 293+00.03
PI 293+01.66
INL60.2
MH60
PT 295+47.96
PT 295+46.55
INL60.3
INL61.1
SIGN
SIGN

-0.80 %
-0.78 %

VPI STA 290+72.01
BACK 290+72.01
AHEAD 290+53.47
VPI EL 717.037

INL 60.1
134.5'@-1.09%
12-INCH
N 710.70
INL 60.2
S 709.23
N 708.91
135.2'@-1.12%
15-INCH
INL 60.3
S 707.40
W 707.14
15'@-1.34%
18-INCH
MH60
E 706.94
N 706.77

INL60.1
292+56.0 RT 21.5'
INLET 2x3-H
FL=715.03
N=710.70
SD=3.5'

INL60.2
293+90.3 RT 21.5'
INLET 4-H
FL=713.98
S=709.23
N=708.91
SD=4.25'

INL60.3
295+25.3 RT 21.5'
INLET 4-H
FL=712.93
W=707.14
S=707.40
SD=5.0'

MH60
295+25.3 RT 6.5'
MANHOLE 4-J-S
R=713.23
N=706.77
E=706.94
SD=5.25'

MH60
R=713.23
VPC STA 295+15.00
VPC EL 713.436
E 706.94
N 706.77
244'@-0.75%
18-INCH

716
713.5
711
707.5
706
701

718.01 718.41
718.10 718.01
717.91 717.61
717.33 717.21
716.70 716.67
716.20 716.28
715.64 715.89
715.22 715.50
714.94 715.11
714.51 714.72
714.15 714.33
713.59 713.94
713.36 713.55
713.00 713.17
712.71 712.84

289+00 289+50 290+00 290+50 291+00 291+50 292+00 292+50 293+00 293+50 294+00 294+50 295+00 295+50 296+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022521_ss.dgn PLOT DATE : 28-JUL-2015 08:20 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

PAGE NOTE: FOR MANHOLE 64,65,66, SEE HILLTOP DISCHARGE CROSS SECTIONS

INL61.1
296+50.7 RT 21.5'
INLET 2x3-H
FL=712.12
N=708.04
SD=3.25'

INL61.2
297+67.7 RT 26.9'
INLET 4-H
FL=711.53
S=706.93
W=706.46
SD=4.25'

MH61
297+69.3 RT 5'
MANHOLE 6-J-S
R=711.96
N=704.29
S=704.94
E=706.19
SD=6.5'

MH62
298+63.1 RT 20.5'
MANHOLE 6-J-S
R=711.45
N=702.92
S=703.01
E=705.01
W=701.37
SD=9.0'

INL62.3
298+63.2 RT 30.5'
INLET 4-H
FL=711.25
N=705.48
W=705.21
SD=5.25'

INL62.2
110+76.2ZH RT 37.6'
INLET 4-HM-S
FL=711.17
NE=706.64
S=706.36
SD=4'

INL62.1
110+87.4ZH RT 19.8'
INLET 4-HM
FL=711.77
SW=706.94
SD=4'

INL63.1
110+63.8ZH LT 23.3'
INLET 4-HM-S
FL=711.16
N=706.34
SD=4.0'

INL63.2
300+45.60 RT 41'
INLET 2G-MS(SINGLE SLOPE)
FL=708.95
S=705.47
W=704.70
SD=4.5'

MH63
300+48.2 RT 20'
MANHOLE 6-J-S
R=711.55
S=704.14
E=704.25
SD=6.25'

TO MH66
MH65 (SEE PAGE NOTE)
MH64 (SEE PAGE NOTE)
WALL R-32-58
RELOCATED CTH Z
PC 108+58.72
PT 107+87.11
PI 107+00.00
PC 106+12.44
PI 105+96.02
PT 109+97.47ZH
PI 110+34.11ZH K194
PC 296+84.26
PI 298+01.61
PI 299+18.95
PC 296+82.85
PI 298+00.09
PT 299+17.33
36-INCH
24-INCH
18-INCH
HILLTOP
ASPHALTIC FLUME 3' WIDE U-SHAPED STRIP ADJACENT TO PAVEMENT TO CHANNEL STORM WATER TO CURB & GUTTER
72'-18" CMCP WITH APRON ENDWALLS 300+67 TO 301+38
60'-18" CMCP WITH APRON ENDWALLS 301+92 TO 302+52
60'-18" CMCP WITH APRON ENDWALLS 302+82 TO 303+42
RT 44' 709.2
RT 44' 709.5
RT 44' 709.6
RT 44' 709.7
RT 43.3' 709.75
RT 37.6' 709.95

MH61 R=711.96
MH62 R=711.45
MH63 R=711.55
299+29.21 711.820
VPI STA 298+15.00 VPI EL 711.095
VPT STA 301+15.00 VPT EL 712.145
244'@-0.75% 18-INCH
95'@-1.35% 24-INCH
185'@-0.66% 24-INCH
10'@1.94% 18-INCH
69'@-1.28% 15-INCH
21'@-1.43% 12-INCH
51.8'@-1.68% 15-INCH
21.2'@-2.12% 24-INCH

712.71 712.84 | 712.44 712.55 | 712.18 712.31 | 711.98 712.12 | 711.80 711.97 | 711.67 711.87 | 711.59 711.82 | 711.48 711.82 | 711.48 711.86 | 711.41 711.95 | 711.52 712.09 | 711.65 712.26 | 711.69 712.44 | 711.84 712.61 | 711.98 712.79

296+00 296+50 297+00 297+50 298+00 298+50 299+00 299+50 300+00 300+50 301+00 301+50 302+00 302+50 303+00

720 715 710 705

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\022522_ss.dgn PLOT DATE : 28-JUL-2015 08:20 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

2

PC 104+96.02
PT 105+96.02
PC 105+03.96
PI 103+29.67
PT 104+00
PC 103+00
102+00
105+00
106+00

END BARRIER DIVERSION
AT 311+00 LT 82

RIP RAP BARRIER
DIVERSION 309+90 TO 311+00
BARRIER RIDGE
LT 93'@705.7' AT 310+00

LT 71.1
705.74

MEDIUM
RIP RAP

303+00
304+00
305+00
306+00
307+00
308+00
309+00
310+00

PC 305+56.25
PC 305+54.63
PI 306+52.11
PI 306+50.62
PT 307+47.97
PT 307+46.61
PC 308+06.02
PC 308+04.65
PI 309+02.14
PI 309+00.65
PT 309+98.26
PT 309+96.64

RT 37.6'
709.95

RT 36'
710.03

RT 36'
710.22

RT 36'
710.35

RT 37'
710.54

RT 44'
710.15

RT 49'
708.70

RT 42.9'
707.80

60'-18" CMCP
WITH APRON ENDWALLS
302+82 TO 303+42

60'-18" CMCP
WITH APRON ENDWALLS
303+77 TO 304+37

60'-18" CMCP
WITH APRON ENDWALLS
304+88 TO 305+48

54'-18" CMCP
WITH APRON ENDWALLS
309+06 TO 309+60

+0.35 %

+0.35 %

CROSS DRAIN
114'-24" RCCP
310+00

715
711
710
709
707
705
700

303+00	303+50	304+00	304+50	305+00	305+50	306+00	306+50	307+00	307+50	308+00	308+50	309+00	309+50	310+00	310+50
711.98	712.21	712.53	712.68	712.90	713.14	713.37	713.57	713.80	714.07	714.21	714.45	714.74	714.96	715.18	715.30
712.79	712.97	713.14	713.32	713.49	713.67	713.84	714.02	714.19	714.37	714.54	714.72	714.89	715.07	715.24	715.42

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

MEDIUM RIP RAP

END BARRIER DIVERSION AT 311+00 LT 82

MEDIUM RIPRAP AT DISCHARGE. COVERAGE FROM DISCHARGE TO EDGE OF TREE LINE OR 5' FROM EMBANKMENT EDGE.

315+00
LT 55.0'
711.22

PT 309+98.26

PT 309+96.64

310+00

311+00

312+00

313+00

PI 115+00.00

115.00'

314+00

315+00

316+00

317+00

96' 24-INCH CPRC

CAUTION

EXISTING ABOVE GROUND GAS ASSEMBLY BEHIND NEW CURB AND GUTTER

REMOVE EXISTING CROSS DRAIN PIPE

315+34
RT 35'
712.57

EXISTING 18-INCH CMCP DO NOT DISTURB

POOL

WESTVIEW DRIVE

VPC STA 316+75.00

VPC EL 717.605

+0.35 %

+0.35 %

REMOVE EXISTING CROSS DRAIN PIPE 314+93.9

CROSS DRAIN 24-INCH CPRC STA 315+20

725

720

715

710

310+00	310+50	311+00	311+50	312+00	312+50	313+00	313+50	314+00	314+50	315+00	315+50	316+00	316+50	317+00	317+50
715.18	715.30	715.63	715.84	716.07	716.28	716.34	716.53	716.74	716.92	717.11	717.33	717.53	717.68	717.77	717.86
715.24	715.42	715.59	715.77	715.94	716.12	716.29	716.47	716.64	716.82	716.99	717.17	717.34	717.52	717.69	

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

2

CROSS DRAIN
96'-24" CPRC
319+75
LT55.1'
711.73

DITCH FROM 315+00LT TO 322+50 LT
SHAPED WITH 711.00 DITCH ELEVATION
FOR DETENTION BASIN
SEE CROSS SECTIONS

EXISTING 18" CPCS
TO BE REMOVED

RT40.9'
712.60

RT47.0'
712.75

RT43.0'
713.57

RT44.0
714.27

RT44.0
714.86

72'-18" CMCP
319+89 TO 320+61

CLOVERDALE
ROAD

84'-18" RCCP
321+50 TO 322+34

PI 125+00.00

REMOVE EXISTING CROSS
DRAIN PIPE AT CLOVERDALE

VPI STA 318+00.00
VPI EL 718.043

VPT STA 319+25.00
VPT EL 718.205

+0.13 %

K = 1136.66
VCL 250.00

CROSS DRAIN
96'-24" CPRC
319+75

725
720
715
710

717.77 717.69 717.86 717.84 717.96 717.97 718.07 718.08 718.15 718.17 718.26 718.24 718.31 718.30 718.35 718.37 718.42 718.43 718.46 718.50 718.43 718.56 718.51 718.63 718.60 718.69 718.68 718.76 718.80 718.82 718.88

317+00 317+50 318+00 318+50 319+00 319+50 320+00 320+50 321+00 321+50 322+00 322+50 323+00 323+50 324+00 324+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

LT58'
712.91

90' 18" CMCP
325+17 TO 326+07

LT53'
715.30

PRIVATE DRIVE EXTENSION

EXISTING ENTRANCE
TO BE REMOVED

PI 135+00

136+00

137+00

24+00

325+00

PI 137+27.97

326+00

327+00

328+00

329+00

330+00

331+00

PI 330+02.26

PI 331+05.26

PI 330+01.01

PI 331+03.64

ASPHALT FLUME AND
CURB AND GUTTER OPENING
FOR DRAINAGE

MATCH INTO EXISTING CURB AND GUTTER
137+81.7 PL LT 25'

EXISTING CURB AND GUTTER OPENING
AND FLUME TO REMAIN

138+00

EXISTING 12-INCH CPCS
6'EXTENSION REQ'D.
APRON ENDWALL

PENNY LANE

TO CTH OT
INTERSECTION SIGNAL

730

725

720

715

+0.13 %

718.80	718.82	718.88	718.89	719.03	718.95	719.31	719.02	719.26	719.08	719.16	719.15	719.19	719.21	719.32	719.28	719.36	719.34	719.49	719.41	719.64	719.47	719.60	719.54	719.51	719.60	719.73	719.67	719.79	719.73	719.66
324+00		324+50		325+00		325+50		326+00		326+50		327+00		327+50		328+00		328+50		329+00		329+50		330+00		330+50		331+00		331+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

2

PI 331+05.26

PI 331+03.64

PI 332+55.29

PI 332+53.68

CTH OT
INTERSECTION
SIGNAL

PI 336+75.20

PI 336+72.27

CTH OT
INTERSECTION
SIGNAL

PI 205+94.45

331+00 332+00 333+00 334+00 335+00 336+00 337+00 338+00

204+00 205+00 206+00

+0.13 %

+0.13 %

VPC STA 337+50.00
VPC EL 720.580

VPI STA 338+50.00

BACK 336+74.17
AHEAD 336+73.15

725
720
715
710

719.73 719.73
719.66 719.80
719.79 719.86
719.87 719.93
720.00 719.99
720.04 720.06
720.16 720.12
720.35 720.19
720.42 720.25
720.38 720.32
720.50 720.38
720.45 720.45
720.34 720.51
720.49 720.58
720.42 720.63
720.47

331+00 331+50 332+00 332+50 333+00 333+50 334+00 334+50 335+00 335+50 336+00 336+50 337+00 337+50 338+00 338+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022527_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

EXISTING 18-INCH CMCP
TO REMAIN IN PLACE
DO NOT DISTURB

DITCH SHAPING
FOR DRAINAGE

PI 340+95.31

PI 340+74.66

PI 342+50.00

PI 342+50.00

PI 344+50.00

PI 344+50.00

338+00 339+00 340+00 341+00 342+00 343+00 344+00 345+00

VPI STA 338+50.00
VPI EL 720.710

VPT STA 339+50.00
VPT EL 720.645

VPC STA 341+50.00
VPC EL 720.515

VPI STA 342+50.00
VPI EL 720.450

VPT STA 343+50.00
VPT EL 720.179

VPC STA 344+50.00
VPC EL 719.907

-0.07 %

-0.27 %

338+83.35
720.667

K = 1025.34
VCL 200.00

K = 968.86
VCL 200.00

725
720
715
710

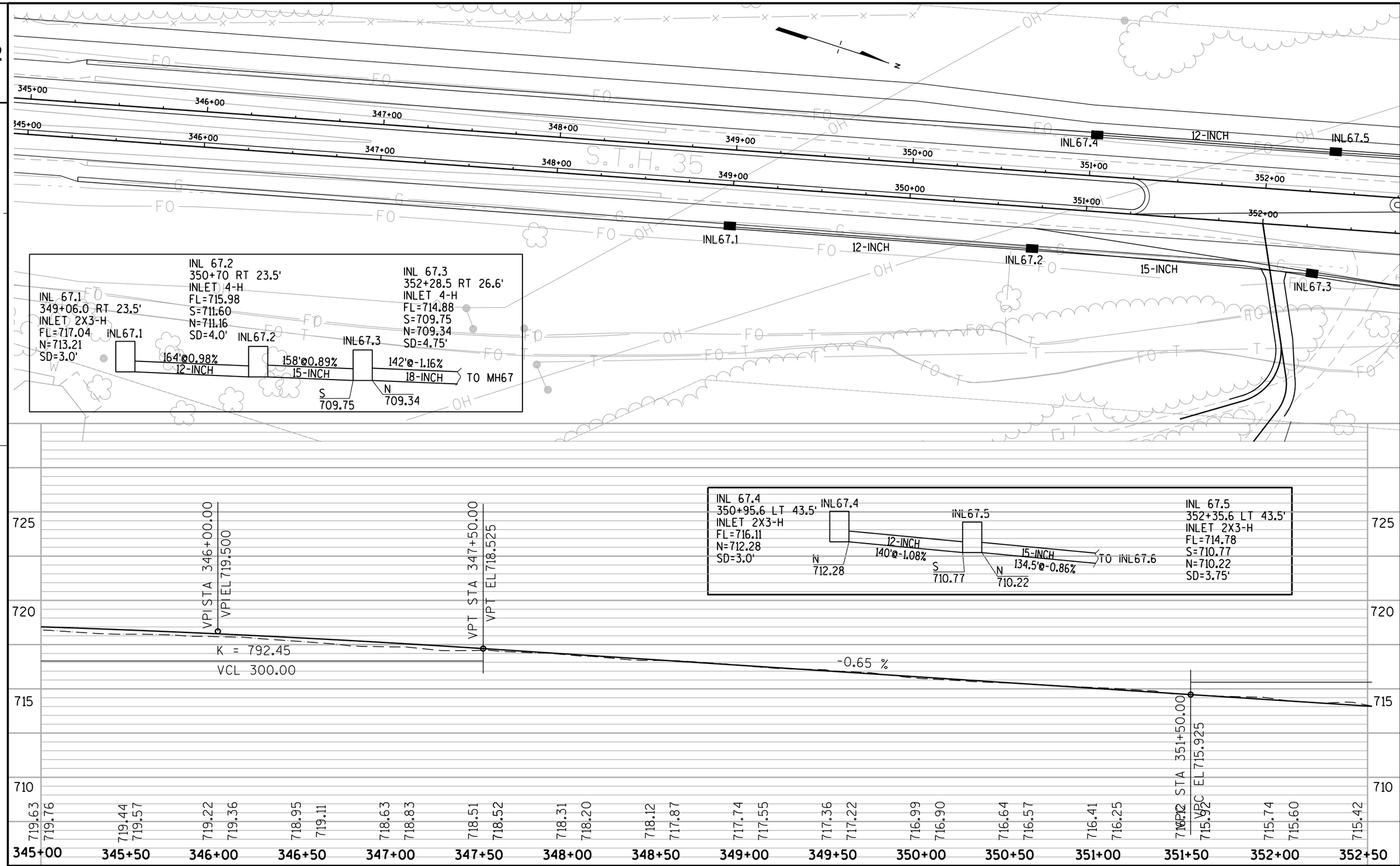
338+00	338+50	339+00	339+50	340+00	340+50	341+00	341+50	342+00	342+50	343+00	343+50	344+00	344+50	345+00	345+50
720.42	720.47	720.54	720.47	720.52	720.48	720.36	720.54	720.41	720.31	720.28	720.15	719.97	719.72	719.57	719.33
720.63	720.66	720.67	720.64	720.61	720.58	720.55	720.51	720.47	720.40	720.30	720.18	720.04	719.91	719.76	719.57

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022528_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

INL 67.6
353+70 LT 44.1'
INLET 4-H
FL=714.02
S=709.06
W=709.32
E=708.46
SD=4.75'

INL 67.7
353+74.8 LT 63.8
INLET 1G-MS(NO SLOPE)
FL=712.00
E=709.42
SD=2.75'

ASPHALTIC FLUME
CURB CUT AT 354+70 SB LT

INL67.7 — INL67.6 — TO MH67
12-INCH 20.2'@-0.51%
18-INCH SSPRC SPECAIL 76'@-0.63%
E 709.42
W 709.32
E 708.46
S 709.06

PI 160+00.00
PC 140+61.30
PI 165+21.72
PI 141+00.00
PT 141+37.41
PC 142+14.94
PI 142+47.31

INL67.5
15-INCH
INL67.7
INL67.6
INL67.3
18-INCH
18-INCH

ASPHALTIC FLUME

PARTIAL REMOVAL OF 60-INCH PIPE INCIDENTAL TO INL 67.6 PLACEMENT

359+02.5
LT 49.5
705.8

354+91.5 RT 52'
705.23

MH 67
WITH TYPE HM
COVER (2X3 OPENING)

PLACE PROPOSED 18-INCH SSPRC INSIDE EXISTING 60-INCH SSPRC. 60-INCH PIPE IS CARRIER PIPE

OF8
MEDIUM RIP-RAP
36-INCH
PIPE GRATE REQUIRED

96'-24-INCH CPRC

359+42.5
LT 37.8
703.5

VCL 500.00
K = 22542.83

MH67
353+70.5 RT31.8
MH6-HM(2X3 OPENING)
FL=713.90
W=707.98
S=707.69
N=706.06
SD=7.6

W 707.98
FROM INL67.3
18-INCH SSPRC
128.5'@-0.65%
36-INCH
S 707.69
N 706.06
705.23

VPI STA 354+00.00
VPI EL 714.300
VPT STA 356+50.00
VPT EL 712.730
-0.63 %

PARTIAL REMOVAL OF 60-INCH PIPE INCIDENTAL TO MH 67

705.7
EXISTING 60-INCH
INVERT 353+69.1 RT 32'

STORM SEWER CARRIER PIPE LINING

CROSS DRAIN
96'-24-INCH CPRC
359+24

715.74 715.60 | 715.42 | 715.17 714.95 | 714.87 714.63 | 714.43 714.31 | 714.14 713.99 | 713.90 713.68 | 713.56 713.36 | 713.23 713.04 | 712.96 712.73 | 712.65 712.42 | 712.38 712.10 | 711.99 711.79 | 711.62 711.47 | 711.33 711.16

352+00 352+50 353+00 353+50 354+00 354+50 355+00 355+50 356+00 356+50 357+00 357+50 358+00 358+50 359+00 359+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\022530_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

2

165+00 166+00 167+00 168+00 96+00

PI 165+21

PC 166+97.

PI 166+09.53

PI 167+95.72

PI 96+39.28

PC 96+23.46

PT 96+54.93

359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

PI 96+97.80

SANITARY MANHOLE ADJUSTMENT

EXISTING SANITARY

EXISTING POWER POLE

PI 181+06.92 PC 181+07.23

RT 49.1
701.55

PI 181+50.1

108'-36" RCCP
364+64.1 TO 365+72.4
PIPE GRATES REQUIRED

CAUTION
NEARBY UNDERGROUND
GAS AND CABLES IN
INTERSECTION AREA

PT 181+92.7

SPRING LANE

RT 57.3
701.0

HEAVY RIP RAP

VCL 400.00
K = 510.97

JOINT TIES REQUIRED

EXISTING SANITARY

EXISTING
WATER MAIN

EXISTING INLET
DO NOT DISTURB

366+10 RT 124
INLET DISCHARGE
DO NOT DISTURB

CAUTION
COMMUNICATIONS
PEDESTALS
DO NOT DISTURB

SPRING LANE
R/L
181+60.7 RT 5.3 | 181+60.4 LT 4.8
108' 36-INCH CPRC
701.55 | 700.1 | 701.00
688.5
EXISTING SANITARY SEWER
EXISTING WATER MAIN
INSULATION BOARD POLYSTYRENE

715 710 705 700

-0.63 %

VPC STA 362+64.00
VPC EL 708.876

VPI STA 364+64.00
VPI EL 707.620

365+84.80
707.869

VPT STA 366+64.00
VPT EL 707.930

359+50	360+00	360+50	361+00	361+50	362+00	362+50	363+00	363+50	364+00	364+50	365+00	365+50	366+00	366+50
710.85	710.61	710.16	709.81	709.38	709.03	708.76	708.54	708.43	708.24	708.03	707.90	707.79	707.68	707.54
710.85	710.53	710.22	709.90	709.59	709.28	708.96	708.66	708.41	708.20	708.05	707.94	707.88	707.87	707.91

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

704.85
69+48 EW RT 28.8'
=371+06.4 LT 81.1
60'-12-INCH CMCP
UNDER TRAIL
703.70
370+50 LT 60'

CAUTION

PI 69+35.00

68+90.45

INL 71.1

PT 69+79.49

PI 70+04.91

PI 70+25.10

24-INCH

MH68

0F9
367+50 RT 68.5'

36-INCH
TIE JOINTS
REQD.

36-INCH

EXISTING POWER POLE

EXISTING SANITARY MH

MH69

EXISTING ABOVE GROUND
GS VALVE ASSEMBLY

36-INCH

MH71

MH70

INTAKE 702.0 PIPE INPUT
371+57.8 RT 58.1=
70+74.0 EW LT 46.1
TIE JOINTS REQD.
18'-24-INCH SSPRC @1.08%
TO END WALL

12-INCH WATER MAIN CROSSING
70+61 EW=371+42
FIELD VERIFICATION REQUIRED
FOR TOP OF PIPE.

SEE NEXT SHEET FOR INLET
70.1 AND 70.2 LAYOUT

HEAVY RIP RAP

EXISTING POWER POLE WITH LIGHT

54"-12-INCH CMCP
71+09 EW RT 45'
TO 71+63 EW RT 38'

FROM INL 70.2

8-INCH WATER MAIN CROSSING
70+97.2 EW RT 22
FIELD VERIFICATION REQUIRED
36-INCH STORM UNDER WATERLINE

MH68	MH69	APPROX. LOCATION	MH70
367+51 RT 36'	369+72 RT 30'	70+97.2 EW RT 22'	71+00 EW LT 13.5'
MANHOLE 6-J	MANHOLE 6-J-S		MANHOLE 6-J-S
R=704.0	R=707.80		R=707.25
S=691.78	S=693.22		SW=694.17
E=691.42	NE=693.35		NW=699.68
SD=11.50"	SD=13.50"		E=698.94
			SD=12.0"

32.5'@-0.45%
36-INCH
0F9
691.27
BELL JOINT
E
691.42

221'@0.65%
36-INCH
N
691.78
S
693.22

118' | 36'
8-INCH WATER
698.8
EST. DEPTH
155.1'@-0.53%
36-INCH
NE
693.35
SW
694.17

NW
699.68
E
698.94
SD=12.0

MH70	MH71	INL 71.1
71+00 EW LT 13.5'	371+40.3 RT 47.4=	372+00 LT 87'
MANHOLE 6-J-S	70+67.6 EW LT 26.7'	INLET 2G-MS(NO SLOPE)
R=707.25	MANHOLE 6-J-S	R=704.35
SW=694.17	NE=701.78	SE=700.85
E=698.94	SE=699.98	SD=3.75
SD=12.0"	NW=700.04	
	SD=7.0'	

APPROX. LOCATION
70+61.4 EW LT 27.8'

6.3' | 140.8'

FROM
INL 70.2
E
698.94
SW
694.17

35'@0.85%
24-INCH
NW
699.68
SE
699.98

147.1'@-0.55%
24-INCH
NE
701.78
NW
700.04

INSULATION POLYSTYRENE
SE
700.85

12-INCH WATER
698.7 EST. DEPTH
FIELD VARIFICATION REQD.

MH68
R=704.0

MH69
R=707.80

PT STA 366+64.00
VPT EL707.930

366+50	367+00	367+50	368+00	368+50	369+00	369+50	370+00	370+50	371+00	371+50	372+00	372+50	373+00	373+50
707.54	707.62	707.81	707.90	708.00	708.05	708.16	708.27	708.34	708.64	708.49	708.55	708.60	708.65	708.72
707.91	707.99	708.06	708.15	708.22	708.30	708.37	708.45	708.52	708.61	708.60	708.76	708.83	708.91	

715
710
705

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022532_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

705.70
69+48 EW RT 28.8'
=371+06.4 LT 81.1
60'-12-INCH CPCS
UNDER TRAIL
703.70
370+50 LT 60'

CAUTION

PI 69+35.00

68+90.45

INL 71.1

PT 69+79.49

PI 70+04.91

PI 70+25.10

24-INCH

MH68

36-INCH

36-INCH
TIE JOINTS
REQD.

OF 9
367+50 RT 68.5'

EXISTING POWER POLE

EXISTING SANITARY MH

MH69

EXISTING ABOVE GROUND
GS VALVE ASSEMBLY

36-INCH

MH71

MH70

HEAVY RIP RAP

EXISTING POWER POLE WITH LIGHT

8-INCH WATER MAIN CROSSING
70+97.2 EW RT 22
FIELD VERIFICATION REQUIRED
36-INCH STORM UNDER WATERLINE

12 INCH 54' CPCS
71+09 EW RT 45'
TO 71+63 EW RT 38'

INTAKE 702.0 PIPE INPUT
371+57.8 RT 58.1=
70+74.0 EW LT 46.1
TIE JOINTS REQD.
18'-24-INCH SSPRC @1.08%
TO END WALL

12-INCH WATER MAIN CROSSING
70+61 EW=371+42
FIELD VERIFICATION REQUIRED
FOR TOP OF PIPE.

WATER

RELOCATED WALDEN PLACE

18-INCH

WALDEN PLACE

INL 70.1
73+14.5 EW LT 37.9'
INLET 1G-MS(NO SLOPE)
R=704.00
W=701.17
SD=3.0

INL 70.2
72+54.3 EW LT 45.2'
INLET 2G-MS(NO SLOPE)
R=704.00
E=700.68
W=699.95
SD=4.25

MH70

49.5'@-0.98%
12-INCH

153.3'@-0.66%
18-INCH

FROM
MH71

W
701.17

E
700.68

W
699.95

E
698.94

SW
694.17

NW
699.68

703.57

42' 12-INCH CPCS

703.67

INL 70.2

NORTH
COURT

12-INCH

INL 70.1

VPT STA 366+64.00
VPT EL 707.930

366+50	367+00	367+50	368+00	368+50	369+00	369+50	370+00	370+50	371+00	371+50	372+00	372+50	373+00	373+50
707.54 707.91	707.62 707.99	707.81 708.06	707.90 708.15	708.00 708.22	708.05 708.30	708.16 708.37	708.27 708.45	708.34 708.52	708.64 708.61	708.49 708.60	708.55 708.76	708.60 708.83	708.65 708.91	708.72

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

2

42' 18-INCH CMCP
375+66 TO
376+08

LT 52'
707.55

LT 52'
707.38

42' 18-INCH CMCP
376+80 TO
377+22

LT 52'
707.70

LT 52'
707.75

DRAINAGE DETENTION DITCH
378+31 LT TO 386+00 LT

INL 73

18-INCH

OF 10

RT 44.0'
703.7

84'-24-INCH CMCP
377+08-377+92

RT 44.0'
703.9

PI 380+91.24

T.H. 35

CANOPY

373+00 374+00 375+00 376+00 377+00 378+00 379+00 380+00

715 710 705 700

INL 73
378+25 LT 68.7'
INLET 4G-MS
FL=704.92 (INTAKE)
E=704.8 (DISCHARGE)

108'@-0.74%
18-INCH

E
704.8

704.0
OF 10
378+25 RT 34.5

373+50	374+00	374+50	375+00	375+50	376+00	376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	380+50
708.72 / 708.99	708.74 / 709.07	708.76 / 709.14	708.86 / 709.22	708.92 / 709.30	709.09 / 709.38	709.07 / 709.45	709.10 / 709.53	709.22 / 709.61	709.25 / 709.69	709.30 / 709.76	709.40 / 709.84	709.48 / 709.92	709.59 / 710.00	709.68 / 710.07

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

DRAINAGE DETENTION DITCH
378+30 LT TO 386+00 LT

FIELD ENTRANCE
42' 18-INCH CMCP
381+10.6 SB

54' 18-INCH CPRC
202+12 PD

RT 22.4'
704.9

LT 32.6'
705.2

PI 380+91.13

PI 380+94.24

PC 383+50.35

PC 384+75.86

PI 386+75.14

PI 386+75.75

PI 202+75.46

PT 201+54.24

PI 35+00.00

EXISTING 24-INCH RCCP

STA 386+90 NB
EXISTING 24" RCCP
TO BE REMOVED

380+00	380+50	381+00	381+50	382+00	382+50	383+00	383+50	384+00	384+50	385+00	385+50	386+00	386+50	387+00	387+50
709.59	709.79	709.79	709.86	709.87	709.90	709.93	710.06	710.22	710.21	710.23	710.22	710.22	710.46	710.48	710.57
710.00	710.07	710.15	710.23	710.31	710.38	710.46	710.54	710.62	710.69	710.77	710.85	710.93	711.00	711.08	711.16

710 705 700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINAGE PLAN	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022535_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 41

2

388+40 SB
CURB OPENING FOR DRAINAGE

REMOVE EXISTING
24" CMCP

REMOVE EXISTING
24" CMCP

REVERSE SLOPE

3/4"/FT SLOPE

REVERSE SLOPE CURB AND GUTTER
TRANSITION 388+18 NB TO 388.38

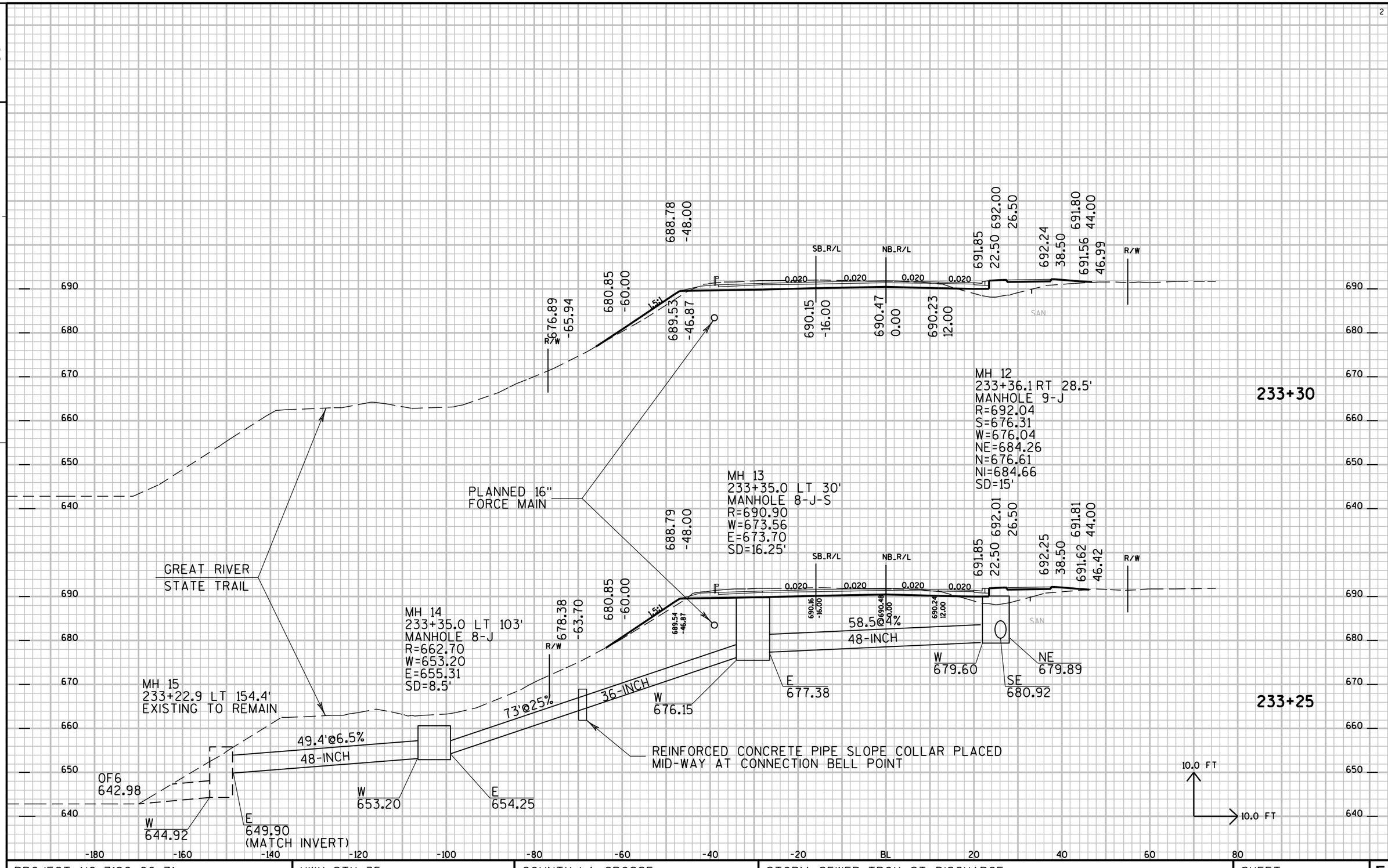
PAGE NOTE:
SEE STANDARD DETAIL DRAWING
"CONCRETE SURFACE DRAINS &
ASPHALTIC FLUMES" FOR CURB OPENING DETAIL.

387+00	387+50	388+00	388+50	389+00
710.48	710.57	710.70	710.58	710.86
711.08	711.16	711.24	711.31	711.39

389+50	390+00	390+50	391+00	391+50	392+00
710.93	711.27	711.31	711.61	711.84	711.98
711.47	711.55	711.62	711.70	711.78	711.86

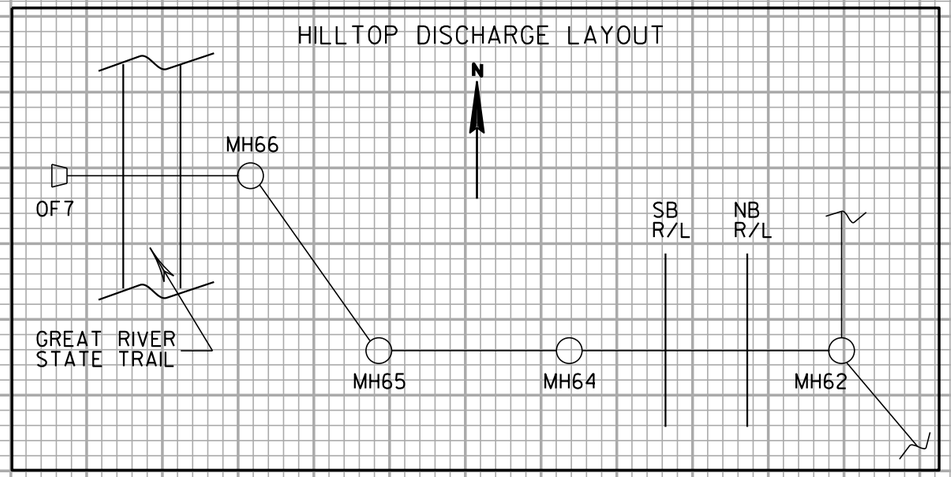
392+50	393+00	393+50	394+00
712.13	712.23	712.32	712.43
711.93	712.06	712.13	712.17

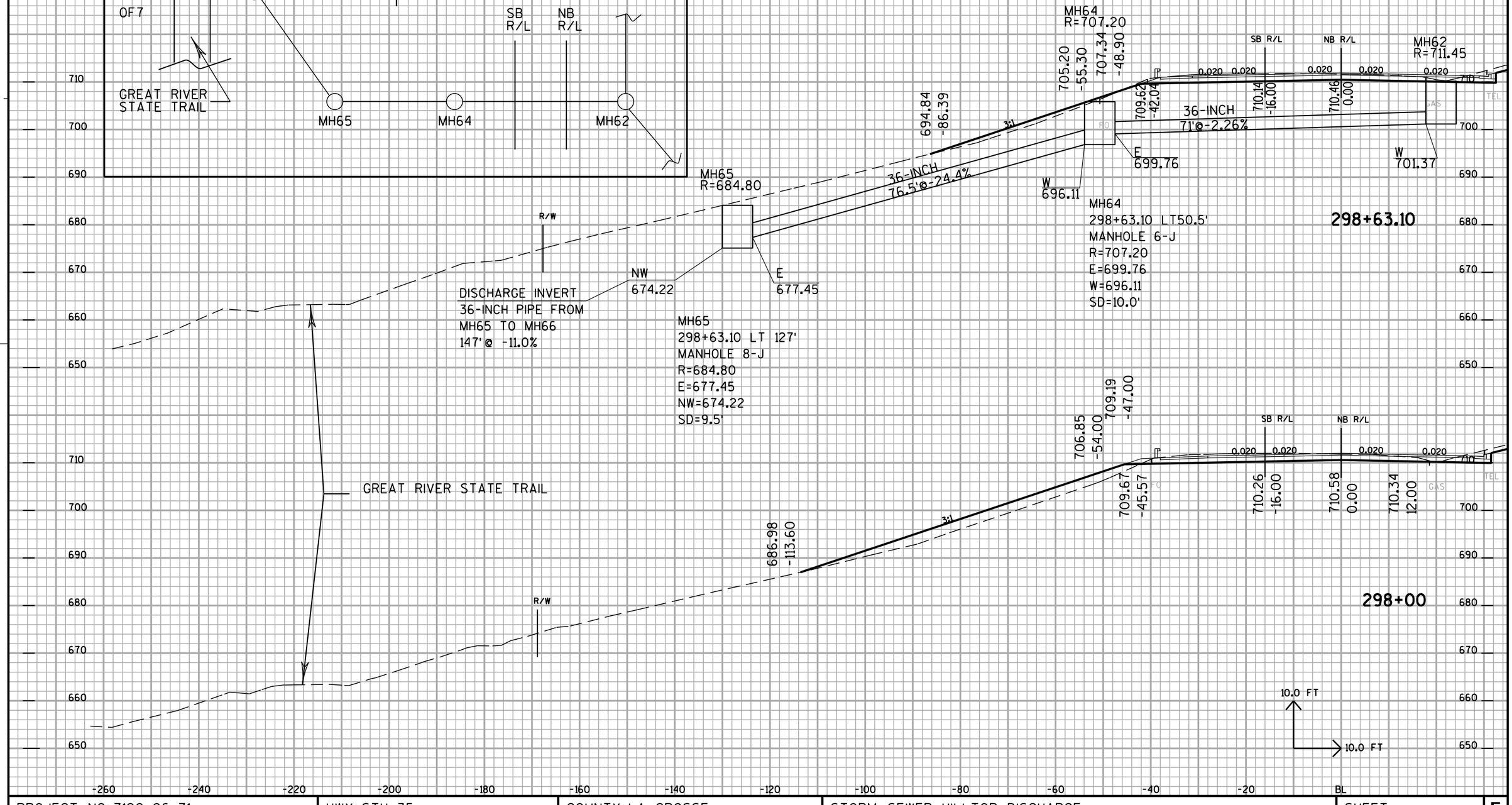
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER AND DRAINGAGE PLAN	SHEET	E



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER-TROY ST. DISCHARGE	SHEET	E

HILLTOP DISCHARGE LAYOUT

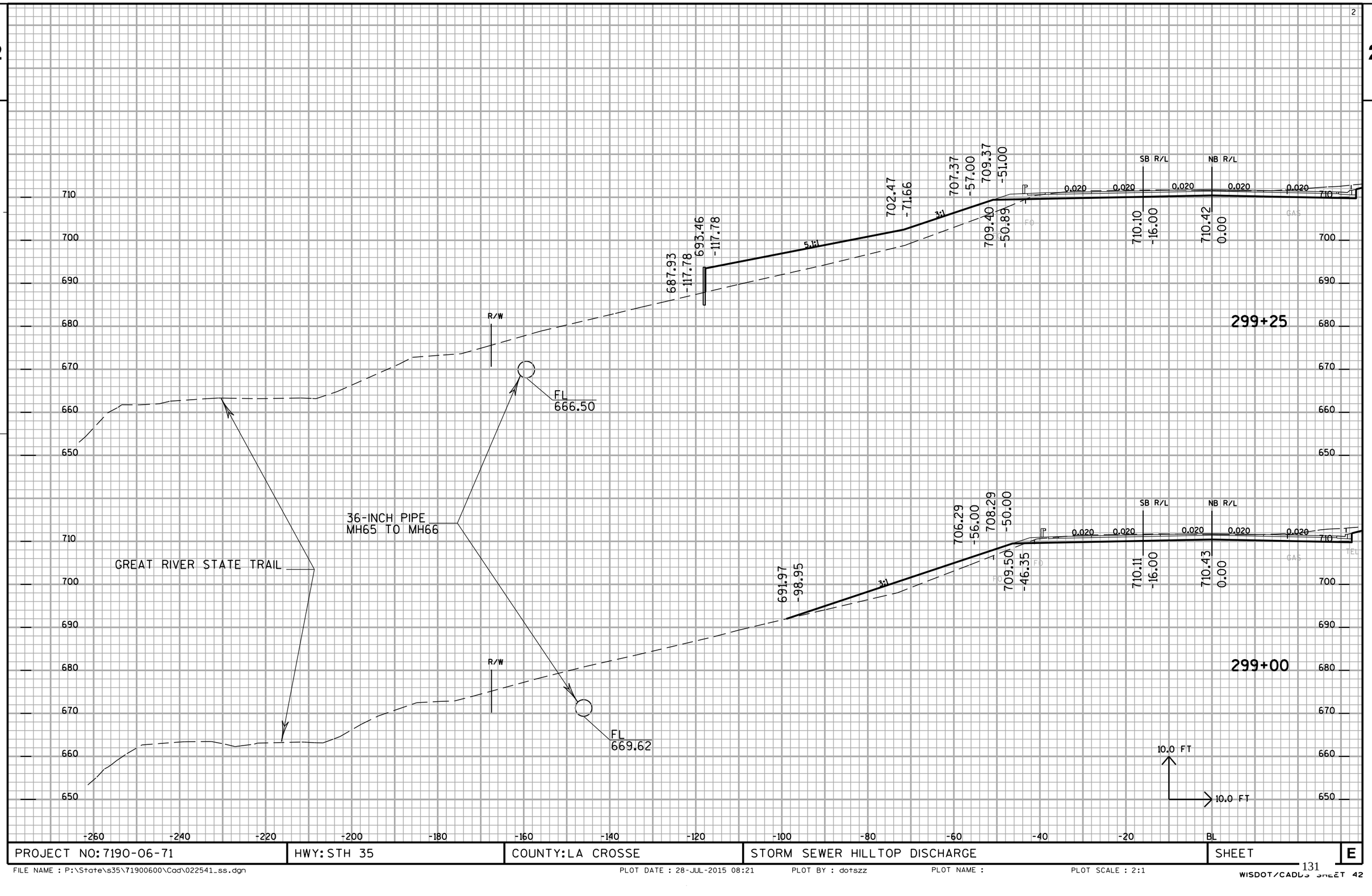




PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER HILLTOP DISCHARGE	SHEET	E

2

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER HILLTOP DISCHARGE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022541_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 2:1

WISDOT/CADDS SHEET 42

2

2

710
700
690
680
670
660
650

707.67
-137.35

710.55
-98.30

710.63
-97.30

7.4%

0.008

0.008

0.020

0.020

0.020

0.020

0.020

SB R/L

NB R/L

709.21
-85.95

709.54
-45.00

710.12
-16.00

710.44
0.00

710.20
12.00

683.95
-137.35

R/W

299+77.80

FL
659.95

36-INCH PIPE
MH65 TO MH66

GREAT RIVER STATE TRAIL

703.94
-84.00

709.25
-57.43

709.25
-57.20

709.28
-57.10

697.36
-127.15

6.6:1

709.28
-57.06

686.12
-127.15

R/W

299+50

710.10
-16.00

710.42
0.00

710.18
12.00

FL
663.40

10.0 FT

10.0 FT

-260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 BL

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER HILLTOP DISCHARGE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022541_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 2:1

WISDOT/CADDS SHEET 42

2

2

710
700
690
680
670
660
650

R/W

CTH Z R/L

709.57
-45.00

0.020 0.020 0.020 0.020 0.020 0.020

SB R/L
710.15
-16.00

NB R/L
710.47
0.00

710.23
12.00

710

FES GAS TEL

300+00

GREAT RIVER STATE TRAIL

MH66
299+93.8 LT 195'
MANHOLE 8-J
R=667.0
SE=657.97
W=657.92
SD=8.0'

704.09
-141.75

4.5:1

709.95
-115.22

710.18
-113.90

683.07
-141.75

709.14
-105.77

0.016 0.016 0.000 0.020 0.020 0.020 0.020 0.020

CTH Z R/L
709.56
-79.41

709.56
-45.00

SB R/L
710.14
-16.00

NB R/L
710.46
0.00

710.22
12.00

710

FES GAS TEL

299+93.80

R/W

MH66
R=667.0

HEAVY
RIP RAP

36-INCH
56' @ -4.2%

OF7
655.56

W
657.91

SE
657.97

INTAKE INVERT
36-INCH PIPE
FROM MH65 TO MH66

10.0 FT
10.0 FT

-260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 BL

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STORM SEWER HILLTOP DISCHARGE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\022541_ss.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 2:1

WISDOT/CADDS SHEET 42

1-01R BEGIN REMOVE CENTER LANE ONLY 1-02M
209+25
MOVE. MOUNT HIGHER ON EXISTING POST

1-06 SOUTH AMERICA'S BYWAYS
JV-1
24" X 60"

1-07R SPEED LIMIT 25
REMOVE

SPEED LIMIT 25
R2-1
24" X 30"
1-10

NO PARKING ANY TIME
REMOVE
1-11R

LEGEND
* SIGN BOX OUT REQUIRED

CENTER LANE ONLY
R3-9B
24" X 36"
1-15

REDUCED SPEED AHEAD 25 M.P.H.
REMOVE
1-16R

DO NOT ENTER
R5-1
30" X 30"
1-17

SOUTH ALTERNATE INTERSTATE 35 90
J4-2
48" X 36"
1-19

NO PARKING ANY TIME
REMOVE
1-20R

R4-7
24" X 30"
1-18 * 1-23 * 1-25 *

ONE WAY
R6-2L
24" X 30"
1-24

DO NOT ENTER
R5-1
30" X 30"
1-26

209+25
END CENTER LANE ONLY
REMOVE
1-03R

SPEED LIMIT 40
REMOVE
1-04R

SPEED LIMIT 25
R2-1
24" X 30"
1-05

CENTER LANE ONLY
R3-9B
24" X 36"
1-08

BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"
1-09

NO PARKING ANY TIME
REMOVE
1-12R

1-13
W11-2
30" X 30"
1-14 AHEAD W16-9P
24" X 12"

NO PARKING ANY TIME
REMOVE
1-21R

DO NOT ENTER
R5-1
30" X 30"
1-22

STOP
REMOVE
1-27R

STOP
R1-1
30" X 30"
1-28

DIVIDED HIGHWAY
R6-3A
30" X 24"
1-29

211+00 212+00 213+00 214+00 215+00 216+00 217+00

QUINCY ST 00+11

2-13R TWO HOUR PARKING 10PM-6AM
REMOVE

2-14 TWO HOUR PARKING 10PM-6AM
R7-5R
18" X 24"

2-30 TWO HOUR PARKING 10PM-6AM
R7-5L
18" X 24"

2-31R TWO HOUR PARKING 10PM-6AM
REMOVE

2-07 * ONE WAY
R6-2R
24" X 30"

2-05R NO PARKING ANY TIME
REMOVE

2-06 STOP
R1-1
30" X 30"

2-12 * DO NOT ENTER
R5-1
30" X 30"

2-15
W11-2
30" X 30"
2-16 W16-7L
24" X 12"

2-21 * ONE WAY
R6-2L
24" X 30"

2-22R NO PARKING ANY TIME
REMOVE

2-23 * SPEED LIMIT 25
R2-1
24" X 30"

2-28 * STOP
R1-1
30" X 30"
2-29 DIVIDED HIGHWAY
R6-3
30" X 24"

2-36 DO NOT ENTER
R5-1
30" X 30"

2-37
D5-5A
24" X 30"

2-38R NO OVERNIGHT CAMPING
REMOVE

NORTH AMERICA'S BYWAYS
JV-1
24" X 60"
2-40

218+00 219+00 220+00 221+00 222+00 223+00 224+00

ONE WAY
R6-1L
36" X 12"
2-27 2-32

ROYAL ST 00+12

QUINCY ST 00+11

NORTH ALTERNATE INTERSTATE 35 90
2-01 J4-2
48" X 36"

SPEED LIMIT 25
R2-1
24" X 30"
2-02

NO PARKING ANY TIME
REMOVE
2-03R

REMOVE
2-04R

2-10 2-17
W11-2
30" X 30"
2-11 2-18 W16-7R
24" X 12"

2-08
W11-2
30" X 30"
2-09 W16-7L
24" X 12"

DO NOT ENTER
R5-1
30" X 30"
2-20

R4-7
24" X 30"
2-19 *

NO PARKING ANY TIME
REMOVE
2-24R

D5-5A
24" X 30"
2-25

DO NOT ENTER
R5-1
30" X 30"
2-26

2-33 STOP
R1-1
30" X 30"
2-34 DIVIDED HIGHWAY
R6-3
30" X 24"

STOP
REMOVE
2-35R

SPEED LIMIT 50
REMOVE
2-39R

2-41
W11-2
30" X 30"
AHEAD 2-42
W16-9P
24" X 12"

NO PARKING ANY TIME
REMOVE
2-43R 2-44R

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\023201_ps.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

3-01 ✳ R4-7 24" X 30"

3-02 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

3-03 ✳ R4-7 24" X 30"

3-07 SPEED LIMIT 25 R2-1 24" X 30"

3-08R NO PARKING ANY TIME REMOVE

3-09 ONE WAY R6-2L 24" X 30"

3-15 DO NOT ENTER R5-1 30" X 30"

225+00 226+00 227+00 228+00 229+00 230+00 231+00 232+00

3-04 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

3-05 DO NOT ENTER R5-1 30" X 30"

3-06 SPEED LIMIT 45 R2-1 24" X 30"

SPRUCE ST. 31+00

3-10 STOP R1-1 30" X 30"

3-11 DIVIDED HIGHWAY R6-3A 30" X 24"

3-12R STOP REMOVE

3-13R 3-14R NO PARKING ANY TIME REMOVE

3-16R 3-17R SPEED LIMIT 50 REMOVE

LEGEND

✳ SIGN BOX OUT REQUIRED

4-01 ✳ 4-02 ✳ R4-7 24" X 30"

4-04 SPEED LIMIT 25 W3-5 36" X 36"

4-08 CENTER LANE ONLY R3-9B 24" X 36"

4-09R Onalaska Population 17736 REMOVE

4-10 SPEED LIMIT 45 R2-1 24" X 30"

4-13R NO PARKING ANY TIME REMOVE

4-14 STOP R1-1 30" X 30"

4-15 DIVIDED HIGHWAY R6-3 30" X 24"

4-16 ONE WAY R6-1L 36" X 12"

232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00

4-03 DO NOT ENTER R5-1 30" X 30"

4-05 CENTER LANE ONLY R3-9B 24" X 36"

4-06R NO PARKING ANY TIME REMOVE

4-07 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

4-11 D5-5A 24" X 30"

4-12R NO PARKING ANY TIME REMOVE

TROY ST 41+00

4-17 STOP R1-1 30" X 30"

4-18 DIVIDED HIGHWAY R6-3 30" X 24"

4-19 ONE WAY R6-1L 36" X 12"

4-20R STOP REMOVE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

5-02 TWO HOUR PARKING 10PM-6AM → R7-5R 18" X 24"

TWO HOUR PARKING 10PM-6AM → REMOVE 5-01R

5-04 NO DUMPING R9-53 21" X 21"

NO DUMPING REMOVE 5-05R

5-10 TWO HOUR PARKING 10PM-6AM ← R7-5L 18" X 24"

TWO HOUR PARKING 10PM-6AM ← REMOVE 5-11R

5-06 DO NOT ENTER R5-1 30" X 30"

5-09 STOP R1-1 30" X 30"

5-13R REMOVE

5-14 D5-5A 24" X 30"

5-15 * R4-7 24" X 30"

5-20R SPEED LIMIT 50 REMOVE

* 5-23 R4-7 24" X 30"

5-21 DO NOT ENTER R5-1 30" X 30"

5-22 CENTER LANE ONLY R3-9B 24" X 36"

5-03 SPEED LIMIT 45 R2-1 24" X 30"

5-07 * R4-7 24" X 30"

Holmen 4
Trempealeau 14
REMOVE 5-08R

5-12 * ONE WAY R6-2R 24" X 30"

5-16 CENTER LANE ONLY R3-9B 24" X 36"

5-17 DO NOT ENTER R5-1 30" X 30"

SPEED LIMIT 50 REMOVE 5-18R

5-19 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

SPONSOR Holmen Area Rotary Club REMOVE 5-24R

SPONSOR Holmen Area Rotary Club 155-56 30x36 5-25

238+00 239+00 240+00 241+00 242+00 243+00 244+00 245+00

3+00 4+00 5+00

LEGEND
* SIGN BOX OUT REQUIRED

* 6-02 R4-7 24" X 30"

6-03 ONE WAY R6-2L 24" X 30"

6-07R SPONSOR Jennifer Rude Family and Friends REMOVE

6-08 SPONSOR Jennifer Rude Family and Friends 155-56 30x36

6-11 DO NOT ENTER R5-1 30" X 30"

6-12 * 6-14 * R4-7 24" X 30"

6-17R SPEED LIMIT 50 REMOVE

246+00 247+00 248+00 249+00 250+00 251+00 252+00 253+

6-01 DO NOT ENTER R5-1 30" X 30"

SCHNICK RD

6-04 STOP R1-1 30" X 30"

6-05 DIVIDED HIGHWAY R6-3A 30" X 24"

6-06R STOP REMOVE

6-09R Van Riper Park ½ Mile OmniCenter REMOVE

6-10 ROAD TO Van Riper Park Omni Center ½ Mile D7-68 60" X 54"

6-13M TOURIST INFORMATION 1/2 MILE MOVE SIGN FROM STA 251+00

6-15 CENTER LANE ONLY R3-9B 24" X 36"

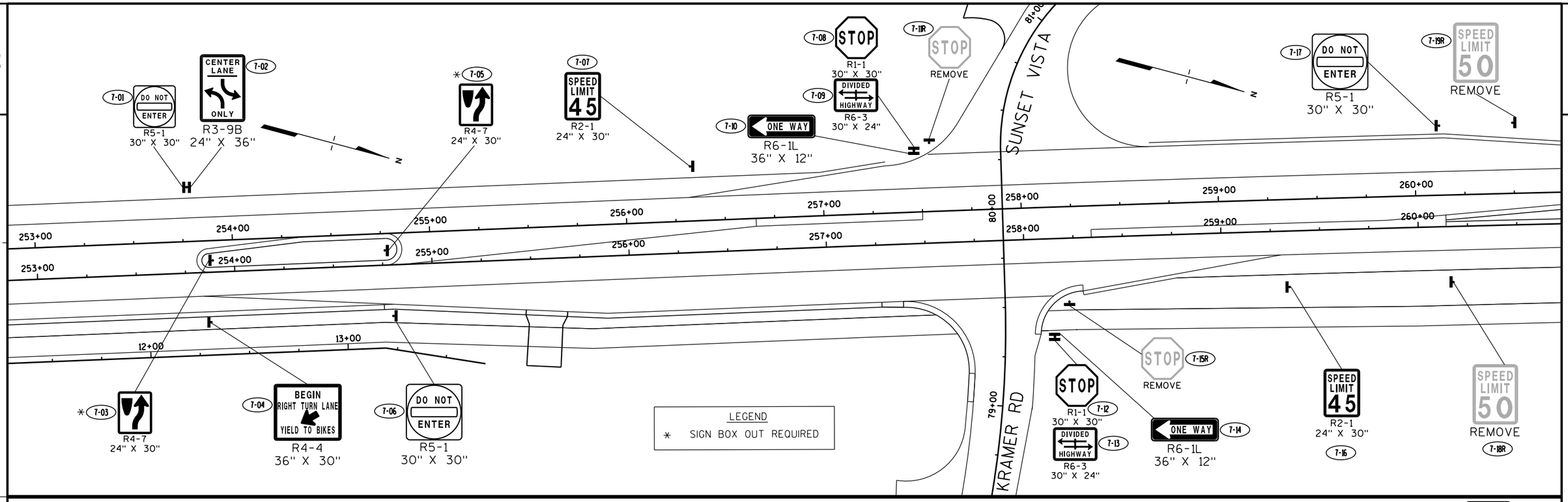
6-16 DO NOT ENTER R5-1 30" X 30"

TOURIST INFORMATION 1/2 MILE MOVE SIGN TO STA 249+85

4+00 5+00 6+00 10+00 11+00

41+00 50+00 51+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

2

9-03R NO PASSING ZONE
REMOVE

9-04 SOUTH
AMERICA'S BYWAYS
JV-1
24" X 60"

9-06 SPEED LIMIT 45
R2-1
24" X 30"

9-07R SPEED LIMIT 50
REMOVE

9-09 DO NOT ENTER
R5-1
30" X 30"

9-10 CENTER LANE ONLY
R3-9B
24" X 36"

9-14 WRONG WAY
R5-1A
36" X 24"

9-15 SOUTH ALTERNATE 35 INTERSTATE 90
J4-2
48" X 36"

267+00 268+00 269+00 270+00 271+00 272+00 273+00 274+00

9-01
W2-6
36" X 36"

9-02 15 M.P.H.
W13-1
24" X 24"

9-05 35 NORTH
Sunset Vista Dr
Riders Club Rd
D1-62
120" X 72"

TOURIST INFORMATION
MOVE SIGN TO
STA 274+25

9-08
W3-2
36" X 36"

* 9-11
R4-7
24" X 30"

9-12 Van Riper Park / Omni Center
D7-68R
60" X 48"

9-13M TOURIST INFORMATION
MOVE SIGN FROM
STA 270+85

ROUNDABOUT SIGNING NEXT SHEET

LEGEND
* SIGN BOX OUT REQUIRED

ROUNDABOUT MATCHLINE
274+75

274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00

152+00

153+00

RIDERS CLUB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\023205_ps.dgn PLOT DATE : 28-JUL-2015 08:21 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

MATCHLINE STA. 278+25

STH 35

278+00

277+00

276+00

275+00

274+75

MATCHLINE STA. 274+75

152+00

153+00

154+00

155+00

RIDERS CLUB RD.

5+00

150+00

151+00

SUNSET VISTA DR.

N

11-48 11-49 R1-2 36" X 31" R1-54 24" X 15" TO TRAFFIC FROM LEFT

11-50 11-51 R1-2 36" X 31" R6-2R 24" X 30" ONE WAY

11-43 11-45 W11-15 30" X 30" W16-7L 24" X 12" 11-44 11-46

11-33 Sunset Vista Dr SOUTH 35 NORTH 35 D1-62 108" X 60"

11-52R Van Riper Park Omni Center REMOVE

11-47 NORTH 35 D1-1 42" X 30"

11-40 R1-2 36" X 31" R1-54 24" X 15" TO TRAFFIC FROM LEFT 11-41

11-35 W11-15 30" X 30" W16-7L 24" X 12" 11-36

11-23 11-24 11-25 11-26 11-53 11-54 11-55 11-56 R6-1R 36" X 12" R6-4B 60" X 24" ONE WAY

11-42R STOP REMOVE

11-38 R1-2 36" X 31" R6-2R 24" X 30" ONE WAY 11-39

11-58 W11-15 30" X 30" W16-7L 24" X 12" 11-59

11-37 R4-7 24" X 30"

11-34 W3-2 36" X 36"

Sunset Vista Dr 11-57 D1-1 84" X 15"

11-09R NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTED SEC 943.13 WIS STATUTES REMOVE

11-06 R4-7 24" X 30"

11-30M NO TRUCKS MOVE

11-04 W11-15 30" X 30" W16-7L 24" X 12" 11-05

11-28 W11-15 30" X 30" 11-29 W16-7L 24" X 12"

11-27 Riders Club Rd D1-1 84" X 15"

11-31 W2-6 30"x30" 11-32 15 M.P.H. W13-1 18"x18" (350 FEET FROM YIELD SIGN)

11-03 W3-2 36" X 36"

11-07 11-08 R1-2 36" X 31" R6-2R 24" X 30" ONE WAY

11-12R NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTED SEC 943.13 WIS STATUTES REMOVE

11-20 R1-2 36" X 31" R1-54 24" X 15" TO TRAFFIC FROM LEFT 11-21

Van Riper Park Omni Center 11-22R REMOVE

11-01 W2-6 30"x30" 11-02 15 M.P.H. W13-1 18"x18" (350 FEET FROM YIELD SIGN)

11-10 R1-2 36" X 31" R1-54 24" X 15" TO TRAFFIC FROM LEFT 11-11

11-15 SOUTH 35 D1-1 42" X 30"

11-16 R1-2 36" X 31" R6-2R 24" X 30" ONE WAY 11-17

11-13 11-18 11-14 11-19 W11-15 30" X 30" W16-7L 24" X 12"

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- (x-xx) DENOTES SIGN NUMBER
- TWO 18"X18" SIGN FLAGS PERMANENT TYPE II
- * SIGN BOX OUT REQUIRED
- ** USE SEVEN FOOT MOUNTING HIEGHT TO THE BOTTOM OF R2-1 YIELD SIGNS
- *** USE FOUR FOOT MOUNTING HIEGHT TO THE BOTTOM OF THE R6-4B CHEVRON BANK SIGNS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

2

N

12-08

35 SOUTH Series C

Riders Club Rd

Sunset Vista Dr

D1-62
120" X 72"

TOURIST INFORMATION

MOVE SIGN TO
STA 279+00

12-02

Van Riper Park

Omni Center

D7-68-L
60" X 48"

12-01M

TOURIST INFORMATION

MOVE SIGN FROM
STA 282+85

12-05R

SPEED LIMIT 50

R2-1
24" X 30"
REMOVE

12-06
12-07

W3-2
36" X 36"

MATCHLINE STA. 284+25

284+00
284+00

283+00
283+00

282+00
282+00

281+00
281+00

280+00
280+00

279+00
279+00

STH 35

MATCHLINE STA. 278+25

12-04R

SPEED LIMIT 50

R2-1
24" X 30"
REMOVE

35 NORTH Series C

Mason St

12-03

D1-62
78" X 72"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\023207_ps.dgn PLOT DATE : 28-JUL-2015 08:22 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 40:1

2

N

13-41
SOUTH 35
D1-1
42" X 30"

13-22 13-36 13-38
13-23 13-37 13-39
*** ONE WAY
R6-1R 36" X 12"
R6-4B 60" X 24"

13-42
W11-15 30" X 30"
13-43
W16-7L 24" X 12"

STOP
R1-1
30" X 30"
REMOVE
13-40R

13-34
YIELD
TO TRAFFIC FROM LEFT
R1-2 36" X 31"
R1-54 24" X 15"
13-35

13-32
YIELD
ONE WAY
R1-2 36" X 31"
R6-2R 24" X 30"
13-33

13-30
W11-15 30" X 30"
13-31
W16-7L 24" X 12"

13-05
YIELD
ONE WAY
R1-2 36" X 31"
R6-2R 24" X 30"
13-06

13-01
W11-15 30" X 30"
13-02
W16-7L 24" X 12"

MATCHLINE STA. 284+25

285+00
285+00
286+00
286+00
287+00
288+00
288+00
289+00
289+00
290+00
290+00
MATCHLINE STA. 290+25

STH 35

SPEED LIMIT 50
R2-1
24" X 30"
REMOVE
13-28R
13-29R

13-25
NORTH 35
D1-1
42" X 30"

13-03
YIELD
TO TRAFFIC FROM LEFT
R1-2 36" X 31"
R1-54 24" X 15"
13-04

13-07
Mason St
D1-1
72" X 15"

13-08
W11-15 30" X 30"
13-09
W16-7L 24" X 12"

13-10M
TRUCK ROUTE
MOVE

SOUTH 35 NORTH 35
D1-62
108" X 42"
(300 FEET FROM YIELD SIGN)
13-14

13-11
R4-7
24" X 30"

MASON ST.

92+00

13-20
YIELD
TO TRAFFIC FROM LEFT
R1-2 36" X 31"
R1-54 24" X 15"
13-21

STOP
R1-1
30" X 30"
REMOVE
13-24R

13-26
W11-15 30" X 30"
13-27
W16-7L 24" X 12"

13-18
YIELD
ONE WAY
R1-2 36" X 31"
R6-2R 24" X 30"
13-19

13-15
W3-2
36" X 36"
(150 FEET FROM YIELD SIGN)

13-16
W11-15 30" X 30"
W16-7L 24" X 12"
13-17

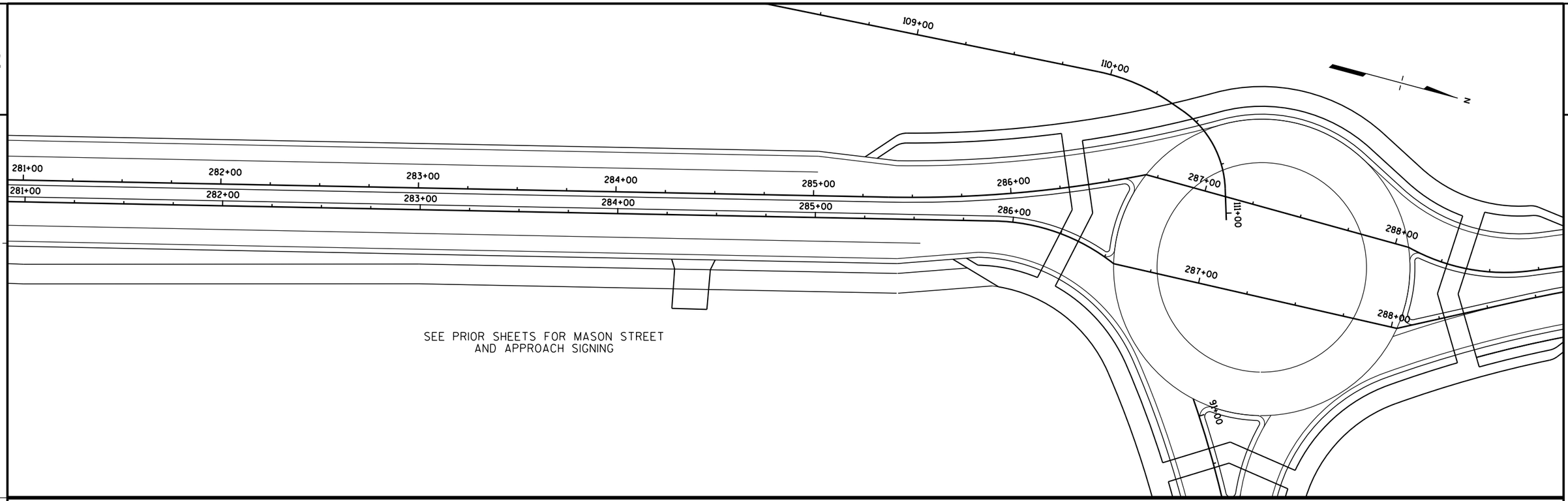
13-12
W2-6
30" X 30"
15 M.P.H.
W13-1
18" X 18"
13-13
(500 FEET FROM YIELD SIGN)

LEGEND

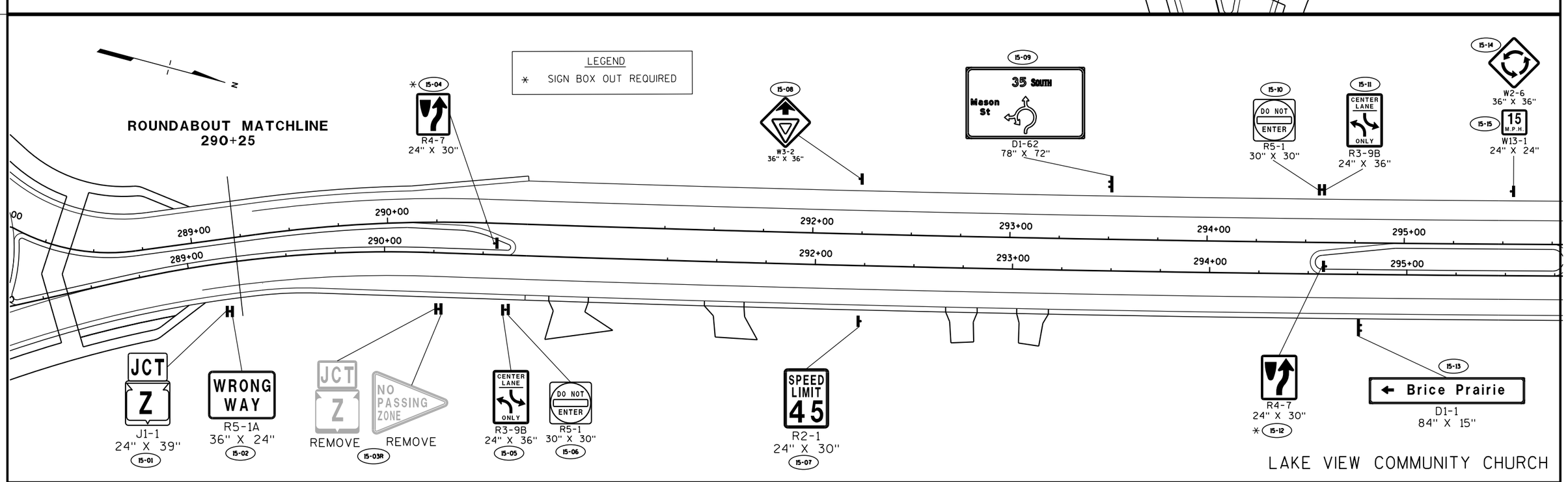
- PROPOSED SIGN MOUNTED ON POST(S)
- (x-xx) DENOTES SIGN NUMBER
- TWO 18"X18" SIGN FLAGS PERMANENT TYPE II
- * SIGN BOX OUT REQUIRED
- ** USE SEVEN FOOT MOUNTING HIEGHT TO THE BOTTOM OF R2-1 YIELD SIGNS
- *** USE FOUR FOOT MOUNTING HIEGHT TO THE BOTTOM OF THE R6-4B CHEVRON BANK SIGNS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

2



SEE PRIOR SHEETS FOR MASON STREET
AND APPROACH SIGNING



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMAMENT SIGNING	SHEET	E

LEGEND

* SIGN BOX OUT REQUIRED

16-02 R4-7 24" X 30"

16-03 Onalaska POPULATION 17736 I2-3 66" X 24"

16-05 SPEED LIMIT 45 R2-1 24" X 30"

NO PASSING ZONE REMOVE

16-06R SOUTH AMERICA'S BYWAYS REMOVE

16-07R SOUTH 35 REMOVE

16-09 SOUTH AMERICA'S BYWAYS JV-1 24" X 60"

16-10 SOUTH ALTERNATE INTERSTATE 35 90 J4-2 48" X 36"

16-12 35 J13-1 24" X 45"

16-13 STOP R1-1 30" X 30"

16-18 COUNTY Z J13-1 24" X 45"

16-01 DO NOT ENTER R5-1 30" X 30"

16-04 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

←Brice Prairie REMOVE

16-08R

16-11 COUNTY Z J13-1 24" X 45"

HILLTOP RD

16-15R STOP REMOVE

16-14 STOP R1-1 30" X 30"

16-16 NORTH AMERICA'S BYWAYS JV-1 24" X 60"

16-17 NORTH ALTERNATE INTERSTATE 35 90 J4-2 48" X 36"

16-19R SPEED LIMIT 50 REMOVE

295+00 296+00 297+00 298+00 299+00 300+00 301+00 302+00 110+00 111+00 107+00 108+00 109+00

17-01 CENTER LANE ONLY R3-9B 24" X 36"

17-02R COUNTY Z REMOVE

17-03 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

17-04R SPEED LIMIT 50 REMOVE

17-05 SPEED LIMIT 45 R2-1 24" X 30"

17-06R 35 REMOVE

17-07R STOP REMOVE

17-08R COUNTY Z REMOVE

17-09 Brice Prairie D1-1 84" X 15"

17-10R Van Riper Park ½ Mile OmniCenter REMOVE

17-12 ROAD TO Van Riper Park Omni Center ½ Mile D7-68 60" X 54"

17-14R NORTH AMERICA'S BYWAYS REMOVE

17-15R NORTH 35 REMOVE

NO PASSING ZONE REMOVE

17-11M TOURIST INFORMATION 1/2 MILE MOVE SIGN FROM STA 308+75

TOURIST INFORMATION 1/2 MILE MOVE SIGN TO STA 307+00

17-13M ROAD TO NATIONAL WILDLIFE REFUGE VISITOR CENTER ½ MILE MOVE SIGN FROM STA 309+75

302+00 303+00 304+00 305+00 306+00 307+00 308+00 309+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

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2

18-01R
Brice Praire →
REMOVE

18-02
JCT
COUNTY Z
J1-1
24" X 39"

18-05
DO NOT ENTER
R5-1
30" X 30"

18-06
CENTER LANE
ONLY
R3-9B
24" X 36"

18-08R
SPEED LIMIT 50
REMOVE

18-09
SPEED LIMIT 45
R2-1
24" X 30"

18-10 *
R4-7
24" X 30"

18-12
ONE WAY
R6-2L
24" X 30"

18-16
DO NOT ENTER
R5-1
30" X 30"

18-18R
JCT
COUNTY Z
REMOVE

309+00 310+00 311+00 312+00 313+00 314+00 315+00 316+00

ROAD TO NATIONAL WILDLIFE REFUGE VISITOR CENTER ½ MILE

MOVED SIGN TO STA 308+00

BEGIN RIGHT TURN LANE
YIELD TO BIKES
R4-4
36" X 30"
18-03

R4-7
24" X 30"
18-04 *

SPEED LIMIT 55
REMOVE
18-07R

DO NOT ENTER
R5-1
30" X 30"
18-11

WESTVIEW DR
115+00

STOP
R1-1
30" X 30"
18-13

DIVIDED HIGHWAY
R6-3A
30" X 24"
18-14

STOP
REMOVE
18-15R

R4-7
24" X 30"
* 18-17

LEGEND
* SIGN BOX OUT REQUIRED

R4-7
24" X 30"
19-03 *

SCHOOL SPEED LIMIT 50
REMOVE
19-05R

CENTER LANE
ONLY
19-06
R3-9B
24" X 36"

NO PASSING ZONE
REMOVE
19-08R

316+00 317+00 318+00 319+00 320+00 321+00 322+00 323+00

CENTER LANE
ONLY
R3-9B
24" X 36"
19-01

DO NOT ENTER
R5-1
30" X 30"
19-02

BEGIN RIGHT TURN LANE
YIELD TO BIKES
R4-4
36" X 30"
19-04

CENTER LANE
ONLY
R3-9B
24" X 36"
19-07

CLOVERDALE RD
126+00

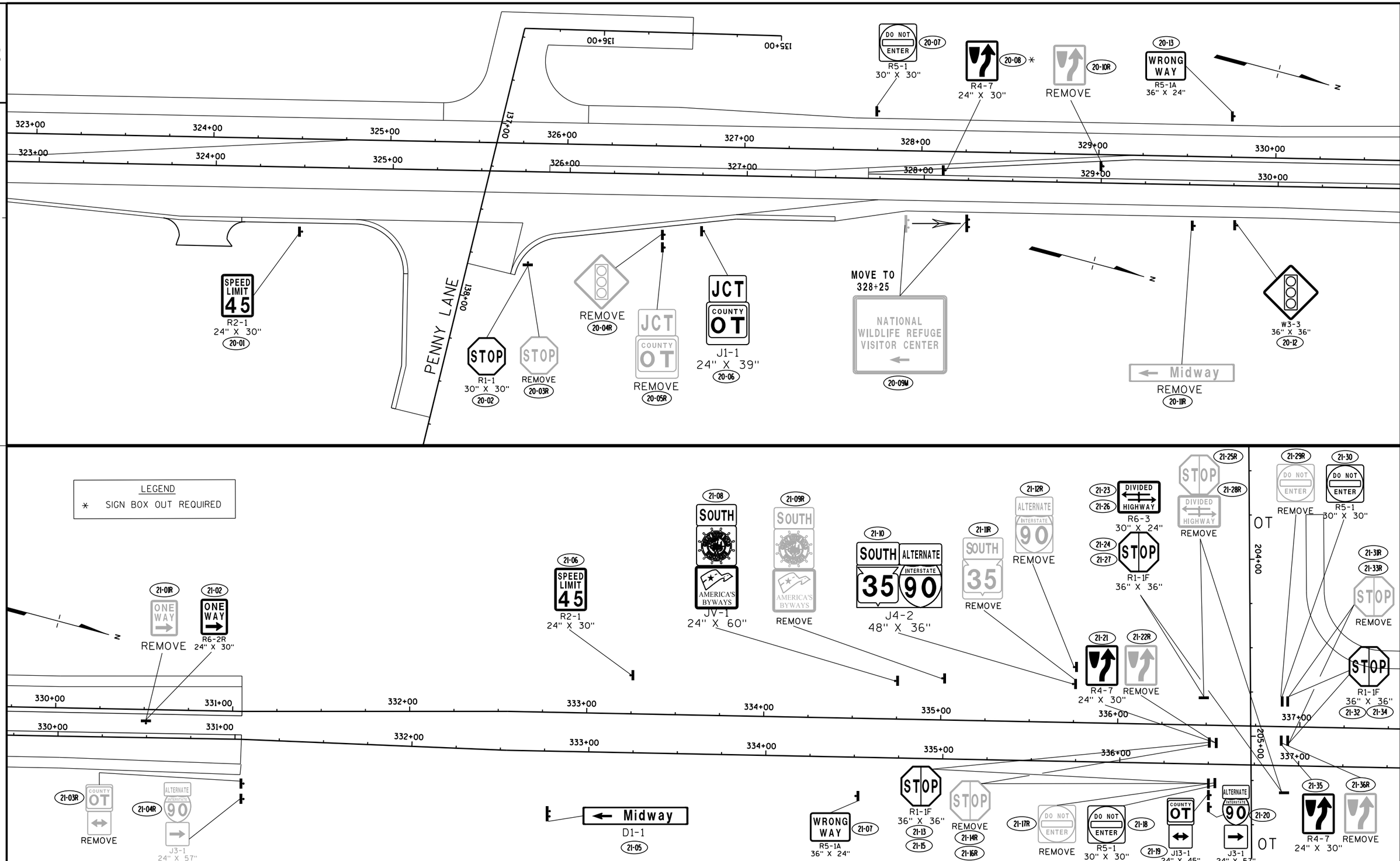
STOP
REMOVE
19-10R

STOP
R1-1
30" X 30"
19-09

BEGIN RIGHT TURN LANE
YIELD TO BIKES
R4-4
36" X 30"
19-11

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

2

22-01 COUNTY OT
J13-1
24" X 45"

22-07 WRONG WAY
R5-1A
36" X 24"

22-08 ONE WAY
R6-2R
24" X 30"

22-09R ONE WAY
REMOVE

22-12R COUNTY OT
REMOVE

22-13
W3-3
36" X 36"

22-14R
REMOVE

204+00
205+00
206+00

337+00 338+00 339+00 340+00 341+00 342+00 343+00 344+00

22-02R NORTH 35
REMOVE

EMPTY POST
REMOVE
22-03R

NORTH
AMERICA'S BYWAYS
JV-1
24" X 60"
22-04

NORTH 35
J4-1
24" X 36"
22-05

SPEED LIMIT 55
REMOVE
22-06R

SPEED LIMIT 45
R2-1
24" X 30"
22-10

NORTH
AMERICA'S BYWAYS
REMOVE
22-11R

LEGEND
* SIGN BOX OUT REQUIRED

23-01M NATIONAL WILDLIFE REFUGE VISITOR CENTER
MOVE

23-02R
REMOVE

23-03R JCT COUNTY OT
REMOVE

23-04 JCT COUNTY OT
J1-1
24" X 39"

344+00 345+00 346+00 347+00 348+00 349+00 350+00 351+00

23-10 *
R4-7
24" X 30"

23-05 Holmen POPULATION 9005
I-2-3

Holmen POPULATION 9005
23-06R
REMOVE

23-07 WRONG WAY
R5-1A
36" X 24"

23-08 BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"

23-09 DO NOT ENTER
R5-1
30" X 30"

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FILE NAME : P:\State\s35\71900600\Cad\023213_ps.dgn PLOT DATE : 28-JUL-2015 08:22 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

24-02 * R4-7 24" X 30"

24-03 DO NOT ENTER R5-1 30" X 30"

24-04 SPEED LIMIT 45 R2-1 24" X 30"

24-07 STOP R1-1 30" X 30"

24-08 DIVIDED HIGHWAY R6-3 30" X 24"

24-10R STOP REMOVE

ULMAN ST

24-16 DO NOT ENTER R5-1 30" X 30"

24-18 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

24-09 ONE WAY R6-1L 36" X 12"

24-01R NO PASSING ZONE REMOVE

24-05 DO NOT ENTER R5-1 30" X 30"

24-06 * 24-15 * R4-7 24" X 30"

SPRUCE ST

24-14R STOP REMOVE

24-13 ONE WAY R6-1L 36" X 12"

24-11 STOP R1-1 30" X 30"

24-12 DIVIDED HIGHWAY R6-3 30" X 24"

24-17 SPEED LIMIT 45 R2-1 24" X 30"

LEGEND

* SIGN BOX OUT REQUIRED

25-07R STOP REMOVE

25-05 STOP R1-1 30" X 30"

25-06 DIVIDED HIGHWAY R6-3A 30" X 24"

25-10 DO NOT ENTER R5-1 30" X 30"

25-11 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

25-14 ONE WAY R6-2L 24" X 30"

25-15R STOP REMOVE

25-01M ROAD TO NATIONAL WILDLIFE REFUGE VISITOR CENTER ½ MILE MOVED FROM STATION 363+00

25-02 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36" X 30"

25-03 DO NOT ENTER R5-1 30" X 30"

25-04 * 25-09 * R4-7 24" X 30"

25-08 ONE WAY R6-2L 24" X 30"

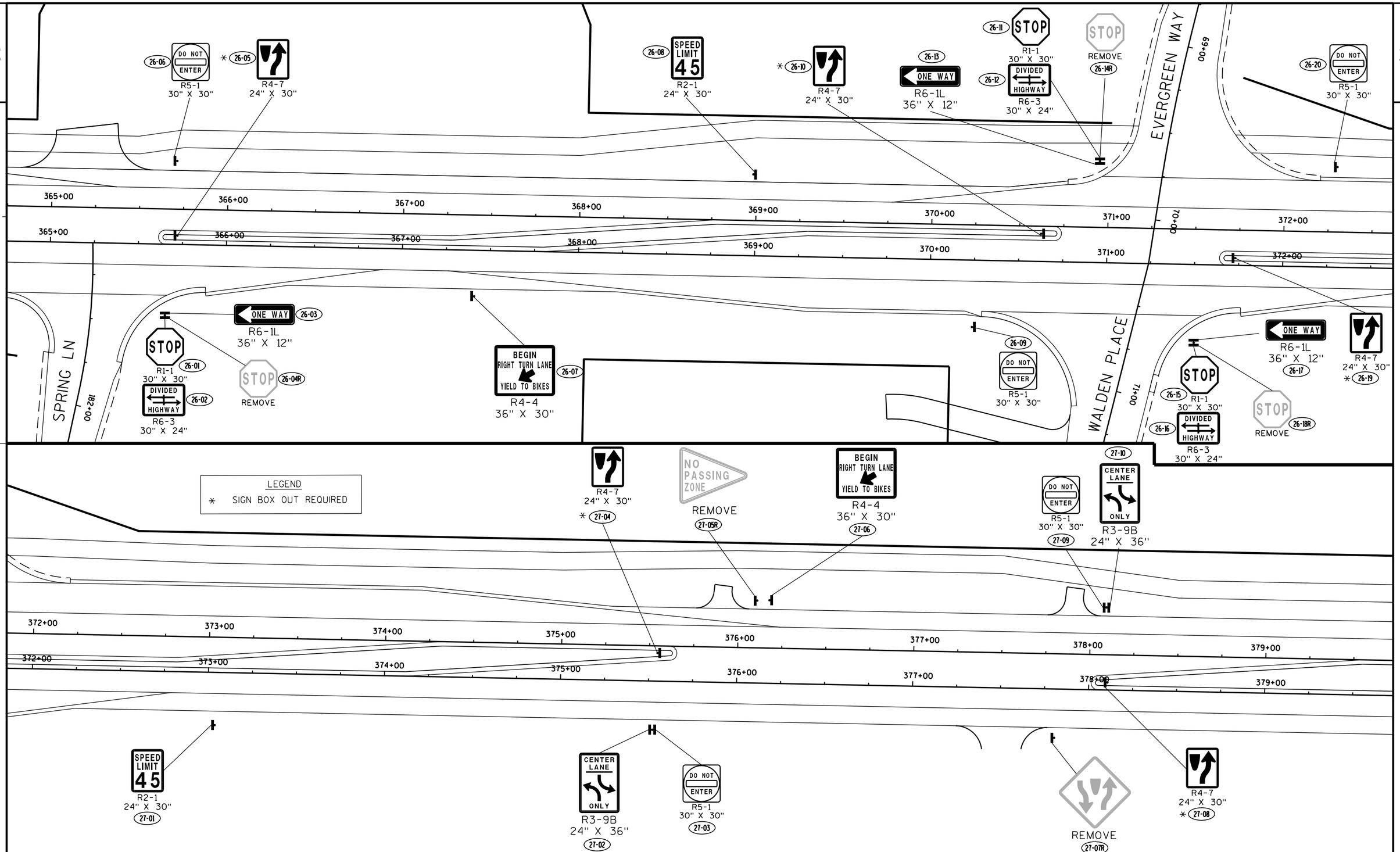
* 25-12 R4-7 24" X 30"

25-13 DO NOT ENTER R5-1 30" X 30"

SPRING LN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\023214_ps.dgn PLOT DATE : 28-JUL-2015 08:22 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1 WISDOT/CADDS SHEET 42



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2

28-01 WRONG WAY
R5-1A
36" X 24"

28-04 SPEED LIMIT 45
R2-1
24" X 30"

28-06R SOUTH 35 SOUTH
REMOVE

28-08R
REMOVE

* 28-11
R4-7
24" X 30"

379+00 380+00 381+00 382+00 383+00 384+00 385+00 386+00

379+00 380+00 381+00 382+00 383+00 384+00 385+00 386+00

LEGEND

* SIGN BOX OUT REQUIRED

*** USE FOUR FOOT MOUNTING HEIGHT TO THE BOTTOM OF THE W5-56 END ROAD MARKER SIGNS

28-02R JCT COUNTY OT
REMOVE

28-03 JCT COUNTY OT
J1-1
24" X 39"

28-05 WRONG WAY
R5-1A
36" X 24"

28-07R JCT 53
REMOVE

28-09 JCT 53
J1-1
24" X 39"

28-10 DO NOT ENTER
R5-1
30" X 30"

29-06 STOP
R1-1
30" X 30"

35+00 36+00 37+00 38+00

29-01 STOP
R1-1
30" X 30"

29-02 DIVIDED HIGHWAY
R6-3A
30" X 24"

202+00

29-05 DO NOT ENTER
R5-1
30" X 30"

29-08R STOP
REMOVE

29-09 *** 29-10 *** 29-11 ***
W5-56

29-13 SOUTH
AMERICA'S BYWAYS
JV-1
24" X 60"

29-14 SOUTH 35
J4-1
24" X 36"

29-19R AMERICA'S BYWAYS
REMOVE

29-20R STOP
REMOVE

29-21 STOP
R1-1
30" X 30"

29-22 DIVIDED HIGHWAY
R6-3A
30" X 24"

270+00

PINEVIEW DR

386+00 387+00 388+00 389+00 390+00 391+00 392+00 393+00

386+00 387+00 388+00 389+00 390+00 391+00 392+00 393+00

29-03 ONE WAY
R6-2L
24" X 30"

* 29-04
R4-7
24" X 30"

29-07 SPEED LIMIT 45
R2-1
24" X 30"

29-12 BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"

29-15 COUNTY OT
J13-1
24" X 45"

29-16 DO NOT ENTER
R5-1
30" X 30"

29-17R COUNTY OT
REMOVE

29-23 ONE WAY
R6-2L
24" X 30"

* 29-18 29-24
R4-7
24" X 30"

29-25R
REMOVE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

2

30-03
DO NOT ENTER
R5-1
30" X 30"

30-04R
DO NOT ENTER
REMOVE

COUNTY OT
REMOVE

30-05
COUNTY OT
J13-1
24" X 45"

30-06
SPEED LIMIT 45
R2-1
24" X 30"

30-07R
SPEED LIMIT 55
REMOVE

30-08
BEGIN RIGHT TURN LANE
YIELD TO BIKES
R4-4
36" X 30"

393+00 394+00 395+00 396+00 397+00 398+00

393+00 394+00 395+00 396+00 397+00 398+00 399+00 400+00

30-01R
NORTH 53 | NORTH 35 | NORTH | SOUTH 53
REMOVE

30-02
NORTH 53 | NORTH 35 | SOUTH 53
J2-3
72" X 57"

399+00 400+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET	E

LEGEND

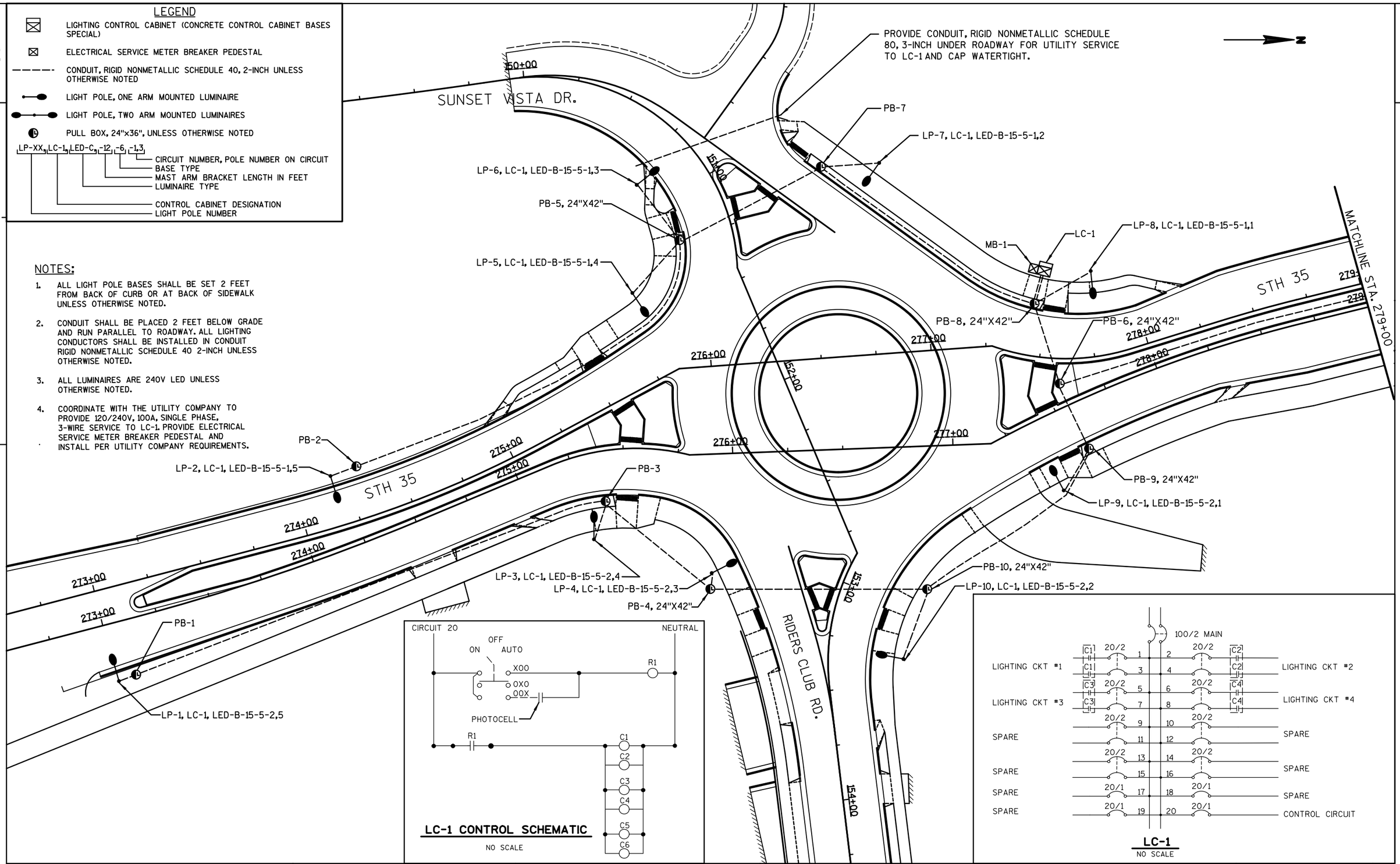
- LIGHTING CONTROL CABINET (CONCRETE CONTROL CABINET BASES SPECIAL)
- ELECTRICAL SERVICE METER BREAKER PEDESTAL
- CONDUIT, RIGID NONMETALLIC SCHEDULE 40, 2-INCH UNLESS OTHERWISE NOTED
- LIGHT POLE, ONE ARM MOUNTED LUMINAIRE
- LIGHT POLE, TWO ARM MOUNTED LUMINAIRES
- PULL BOX, 24"x36", UNLESS OTHERWISE NOTED

LP-XX, LC-1, LED-C, -12, -6, -1,3

- CIRCUIT NUMBER, POLE NUMBER ON CIRCUIT
- BASE TYPE
- MAST ARM BRACKET LENGTH IN FEET
- LUMINAIRE TYPE
- CONTROL CABINET DESIGNATION
- LIGHT POLE NUMBER

NOTES:

1. ALL LIGHT POLE BASES SHALL BE SET 2 FEET FROM BACK OF CURB OR AT BACK OF SIDEWALK UNLESS OTHERWISE NOTED.
2. CONDUIT SHALL BE PLACED 2 FEET BELOW GRADE AND RUN PARALLEL TO ROADWAY. ALL LIGHTING CONDUCTORS SHALL BE INSTALLED IN CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH UNLESS OTHERWISE NOTED.
3. ALL LUMINAIRES ARE 240V LED UNLESS OTHERWISE NOTED.
4. COORDINATE WITH THE UTILITY COMPANY TO PROVIDE 120/240V, 100A, SINGLE PHASE, 3-WIRE SERVICE TO LC-1. PROVIDE ELECTRICAL SERVICE METER BREAKER PEDESTAL AND INSTALL PER UTILITY COMPANY REQUIREMENTS.



LC-1 CONTROL SCHEMATIC

NO SCALE

LC-1

NO SCALE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	LIGHTING PLAN - STH 35/RIDERS CLUB ROAD	SHEET 151	E

LEGEND

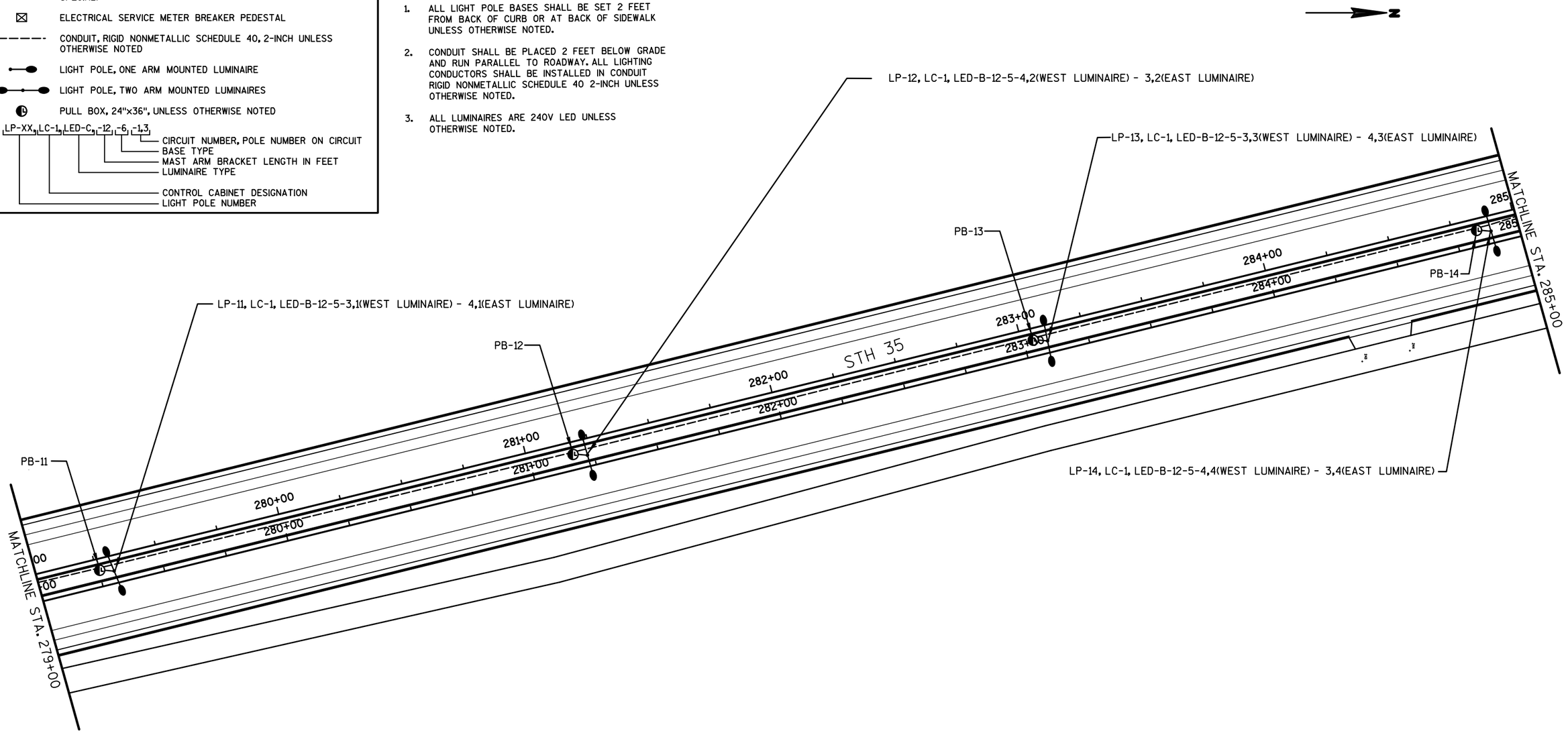
- LIGHTING CONTROL CABINET (CONCRETE CONTROL CABINET BASES SPECIAL)
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- LIGHT POLE, ONE ARM MOUNTED LUMINAIRE
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LP-XX, LC-1, LED-C, -12, -6, -1,3

- CIRCUIT NUMBER, POLE NUMBER ON CIRCUIT
- BASE TYPE
- MAST ARM BRACKET LENGTH IN FEET
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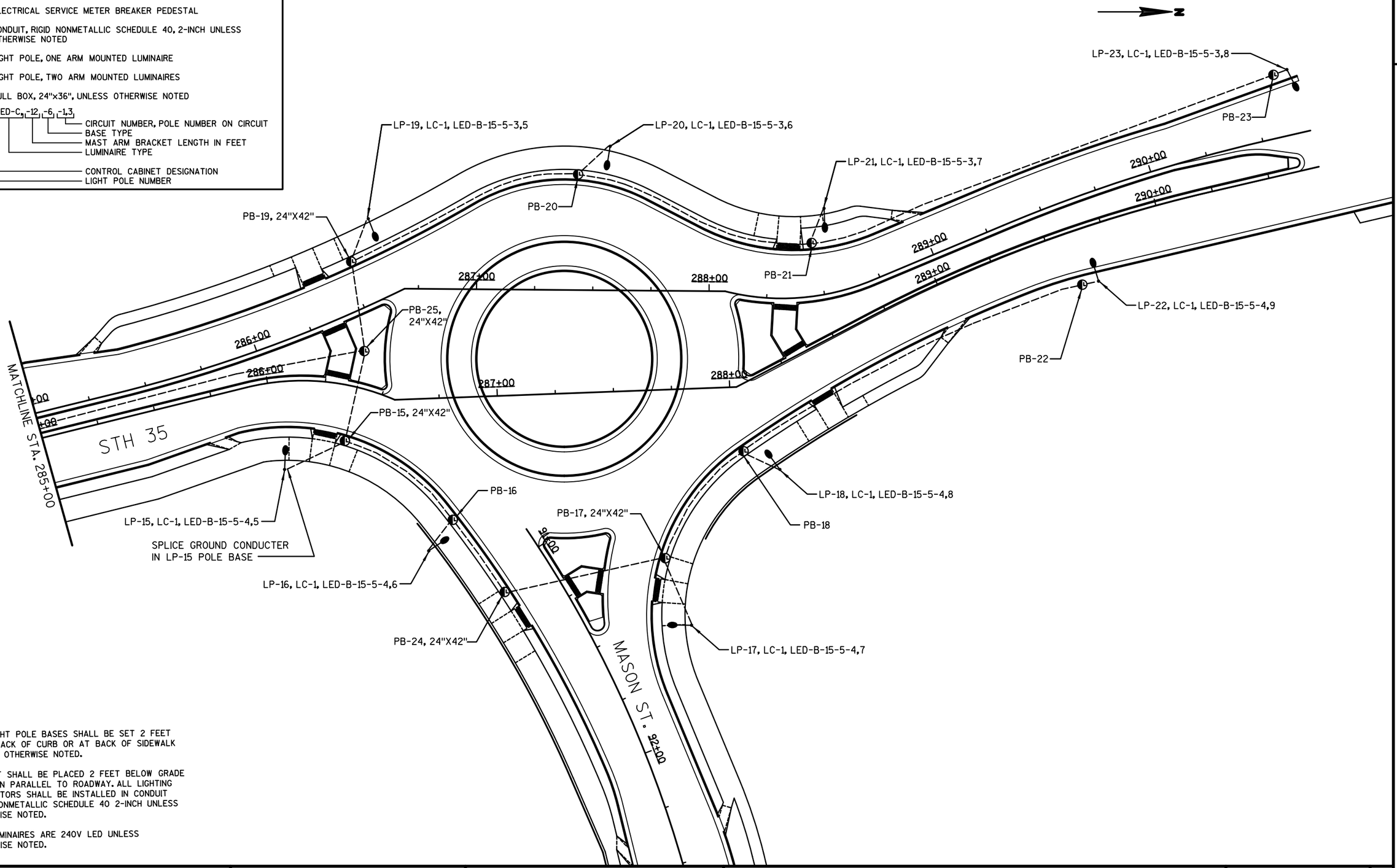
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	LIGHTING PLAN - STH 35	SHEET 152	E

LEGEND

- LIGHTING CONTROL CABINET (CONCRETE CONTROL CABINET BASES SPECIAL)
- ELECTRICAL SERVICE METER BREAKER PEDESTAL
- CONDUIT, RIGID NONMETALLIC SCHEDULE 40, 2-INCH UNLESS OTHERWISE NOTED
- LIGHT POLE, ONE ARM MOUNTED LUMINAIRE
- LIGHT POLE, TWO ARM MOUNTED LUMINAIRES
- PULL BOX, 24"x36", UNLESS OTHERWISE NOTED

LP-XX, LC-1, LED-C, -12, -6, -1,3

- CIRCUIT NUMBER, POLE NUMBER ON CIRCUIT
- BASE TYPE
- MAST ARM BRACKET LENGTH IN FEET
- LUMINAIRE TYPE
- CONTROL CABINET DESIGNATION
- LIGHT POLE NUMBER



NOTES:

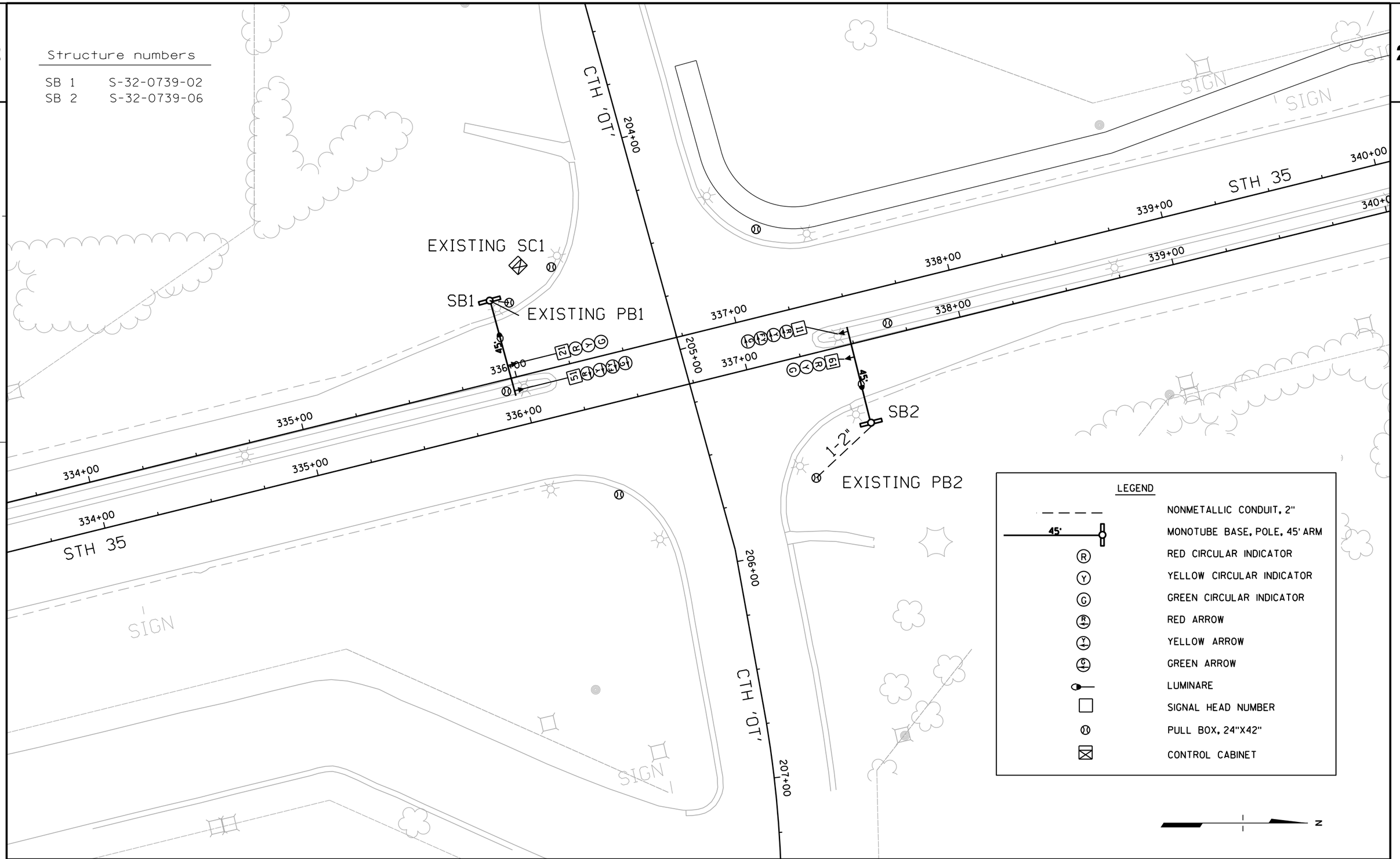
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2. CONDUIT SHALL BE PLACED 2 FEET BELOW GRADE AND RUN PARALLEL TO ROADWAY. ALL LIGHTING CONDUCTORS SHALL BE INSTALLED IN CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH UNLESS OTHERWISE NOTED.
3. ALL LUMINAIRES ARE 240V LED UNLESS OTHERWISE NOTED.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	LIGHTING PLAN - STH 35/MASON STREET	SHEET 153	E

2

Structure numbers

SB 1	S-32-0739-02
SB 2	S-32-0739-06



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STH 35 & CTH OT MONOTUBE	SHEET E

FILE NAME : P:\State\s35\71900600\Traffic\OT_Signal\024001_sp.dgn PLOT DATE : 28-JUL-2015 07:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 39.99992:1

WISDOT/CADDS SHEET 42

EDGELINE (1)
BEGIN 210+25 SB
END 216+75 SB

EDGELINE (1)
BEGIN 210+25 SB
END 219+25 SB

LANE LINES (1)
BEGIN 210+25 NB
END 216+10 NB

EDGELINE (1)
BEGIN 210+25 NB
END 216+48 NB

EDGELINE (1)
BEGIN 210+25 NB
END 216+75 NB

212+96 NB

SKIP EDGE EXTENSION
BEGIN 213+12 NB
END 214+88 NB

SKIP EDGE EXTENSION
BEGIN 213+80 NB
END 214+88 NB

EDGELINE
BEGIN 215+00 NB
END 216+60 NB

CHANNELINZING LINE
BEGIN 215+00 NB
END 216+60 NB

CURB RAMP
TYPE 2

CROSSWALK
6-FOOT WIDE

CENTERLINE
BEGIN 10+67 '0'
END 11+58 '0'

LANE LINES (1)
BEGIN 11+70 '0'
END 13+20 '0'

QUINCY ST

LEGEND

W4	PAVEMENT MARKING EPOXY 4-INCH, WHITE
WS4	PAVEMENT MARKING EPOXY 4-INCH, WHITE SKIP, 3'LINE, 9'GAP
Y4	PAVEMENT MARKING EPOXY 4-INCH, YELLOW
DY4	PAVEMENT MARKING EPOXY 4-INCH, DOUBLE YELLOW
YS4	PAVEMENT MARKING EPOXY 4-INCH, YELLOW SKIP, 12.5'LINE, 37.5'GAP
W8	PAVEMENT MARKING EPOXY 8-INCH, WHITE
WG8	PAVEMENT MARKING GROOVED PREFORMED THERMOPLASTIC 8-INCH, WHITE
WS8	PAVEMENT MARKING EPOXY 8-INCH, WHITE SKIP, 3'LINE, 9'GAP
W12	PAVEMENT MARKING EPOXY 12-INCH, WHITE
WG12	PAVEMENT MARKING GROOVED PREFORMED THERMOPLASTIC 12-INCH, WHITE
W18	PAVEMENT MARKING STOP LINE EPOXY, 18-INCH
WS18	PAVEMENT MARKING GROOVED PREFORMED THERMOPLASTIC 18-INCH, WHITE SKIP, 2'LINE, 2'GAP
YC	PAVEMENT MARKING CURB EPOXY, YELLOW
YL	PAVEMENT MARKING YIELD LINE SYMBOLS EPOXY, 18-INCH
DIAY	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, YELLOW
DIAW	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH, WHITE
W	PAVEMENT MARKING WORDS EPOXY
WO	PAVEMENT MARKING WORDS GROOVED PREFORMED THERMOPLASTIC
IN	PAVEMENT MARKING ISLAND NOSE EPOXY, YELLOW
AR	PAVEMENT MARKING ARROWS EPOXY TYPE 2
CM	PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY
SB	PAVEMENT MARKING SYMBOLS BIKE LANE EPOXY
AB	PAVEMENT MARKING ARROWS BIKE LANE EPOXY

MARKING NOTE APPLICABLE TO ALL SHEETS:
(1) MATCH MARKING SEQUENCE AT MATCH PAVEMENTS.
MATCH DISTANCE IS APPROXIMATELY 100'BEYOND
CONSTRUCTION OR PROJECT LIMITS.

CURB RAMP
TYPE 2

CURB RAMPS
TYPE 6

EDGELINE
BEGIN 220+08 SB
END 222+20 SB LT 22'

LANE LINES
BEGIN 220+15 SB
END 220+61 SB

STA 220+58 SB

DOUBLE YELLOW
BEGIN 220+61 SB
END 221+66 SB

EDGELINE
BEGIN 220+08 SB
END 222+21 SB

CHANNELIZING LINE
BEGIN 217+50 SB
END 218+52 SB

CHANNELIZING LINE
BEGIN 222+85 SB
END 224+16 SB

EDGE LINE
BEGIN 222+95 SB
END 224+25 SB

EDGE LINE
BEGIN 222+85 SB
END 224+16 SB

CHANNELIZING LINE
BEGIN 222+85 SB
END 224+35 SB

TAPER EDGE LINE
BEGIN 224+25 SB
END 225+96 SB

219+25 SB
LT 20'

222+00 NB

EDGELINE
BEGIN 218+00 NB
END 219+97 NB

EDGELINE
BEGIN 217+54 NB
END 219+97 NB

STA 219+47 NB

CROSSWALK
8-FOOT WIDE

CURB RAMP
TYPE 7B

EDGELINE
BEGIN 220+07 NB
END 221+20 NB

EDGELINE
BEGIN 220+07 NB
END 222+20 NB

LANE LINES
BEGIN 220+15 NB
END 220+60 NB

EDGELINE
BEGIN 220+60 NB
END 221+65 NB

221+20 NB

CHANNELIZING LINE
BEGIN 221+80 NB
END 222+20 NB

CURB RAMP
TYPE 2

223+96 NB

EDGELINE
BEGIN 222+85 NB
END 229+40 NB

EDGELINE
BEGIN 222+95 NB
END 229+29 NB

CURB RAMP
TYPE 2

CROSSWALK
10-FCOT WIDE

LANE LINES (1)
BEGIN 20+62 'R'
END 22+12 'R'

QUINCY ST

CURB RAMP
TYPE 2

CHANNELIZING LINE
BEGIN 10+71 '0'
END 11+10 '0'

ROYAL ST

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024501_pm.dgn PLOT DATE : 28-JUL-2015 08:22 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

SKIP EDGE EXTENSION
BEGIN 224+16 SB
END 225+00 SB

SKIP EDGE EXTENSION
BEGIN 224+16 SB
END 225+96 SB

EDGELINE
BEGIN 225+96 SB
END 237+60 SB

EDGELINE
BEGIN 222+85 SB
END 229+35 SB

LANE LINES
BEGIN 226+45 SB
END 229+35 SB

CHANNELIZING LINE
BEGIN 230+25 SB
END 231+00 SB

225+96 SB

230+25 SB

W4 WS8 WS4 225+00 WS-9 226+00 227+00 228+00 229+00 Y4 230+00 W8 231+00 232+00 CM IN 20' AR

Y4 225+00 226+00 YC YS4 227+00 AR AR 228+00 YS4 229+00 WS-4 WS8 20' AR W12 W18

226+26 NB

LANE LINES
BEGIN 226+45 NB
END 229+30 NB

EDGELINE
BEGIN 222+85 NB
END 229+40 NB

SKIP EDGE EXTENSION
BEGIN 227+20 NB
END 228+30 NB

EDGELINE
BEGIN 228+30 NB
END 229+40 NB

CHANNELIZING LINE
BEGIN 228+30 NB
END 229+40 NB

SKIP EDGE EXTENSION
BEGIN 226+26 NB
END 228+30 NB

CURB RAMP
TYPE 2

231+32 NB

EDGELINE
BEGIN 230+35 NB
END 237+25 NB

CURB RAMP
TYPE 2

CROSSWALK
10-FOOT WIDE

SPRUCE ST.

LANE LINES (1)
BEGIN 30+64 'S'
END 31+64 'S'

EDGELINE BEGIN
238+25 SB
END 240+20 SB

CHANNELIZING LINE
BEGIN 238+25 SB
END 239+25 SB

EDGELINE
BEGIN 230+25 NB
END 237+50 SB

LANE LINES
BEGIN 232+50 SB
END 235+55 SB

CHANNELIZING LINE
BEGIN 236+75 NB
END 237+50 NB

236+65 SB

237+60 SB

W4 232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 Y4 CM IN 20' AR W8 W12 W18

Y4 232+00 YC YS4 233+00 AR AR 234+00 235+00 WS-4 WS8 236+75 NB 20' AR

234+50 NB

231+32 NB

LANE LINES
BEGIN 232+50 NB
END 235+55 NB

EDGELINE
BEGIN 230+25 NB
END 237+50 NB

SKIP EDGE EXTENSION
BEGIN 234+50 NB
END 236+54 NB

SKIP EDGE EXTENSION
BEGIN 235+46 NB
END 236+54 NB

EGELINE
BEGIN 236+54 NB
END 237+50 NB

CURB RAMP
TYPE 2

CHANNELIZING LINE
BEGIN 236+54 NB
END 237+50 NB

CURB RAMP
TYPE 2

EDGELINE
BEGIN 238+50 NB
END 246+50 NB

CROSSWALK
10-FOOT WIDE

TROY ST

CENTERLINE
BEGIN 41+23 T
END 42+13 T

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024502_pm.dgn PLOT DATE : 28-JUL-2015 08:23 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

EDGELINE
BEGIN 238+25 SB
END 240+20 SB

CHANNELIZING LINE
BEGIN 238+25 SB
END 239+25 SB

EDGELINE
BEGIN 238+25 SB
END 246+30 SB

241+00 SB

LANE LINES
BEGIN 241+00 SB
END 243+30 SB

EDGELINE
BEGIN 242+25 SB
END 257+32 SB

238+00
239+00
240+00
241+00
242+00
243+00
244+00
245+00
W4
W8
Y4
CM
YC
YS4
WS4
WS8
AR
20'

239+50 NB

LANE LINES
BEGIN 241+15 NB
END 243+40 NB

242+94 NB

SKIP EDGE EXTENSION
BEGIN 242+94 NB
END 244+98 NB

SKIP EDGE EXTENSION
BEGIN 243+90 NB
END 244+98 NB

EDGELINE
BEGIN 244+98 NB
END 246+25 NB

CHANNELIZING LINE
BEGIN 244+98 NB
END 246+25 NB

EDGELINE
BEGIN 238+50 NB
END 246+50 NB

EDGELINE
BEGIN 238+25 NB
END 246+30 NB

CURB RAMP
TYPE 2

W12
W18

EDGELINE
BEGIN 247+50 SB
END 254+85

CHANNELIZING LINE
BEGIN 247+50 SB
END 248+75 SB

LANE LINES
BEGIN 250+70 SB
END 254+25 SB

246+00
247+00
248+00
249+00
250+00
251+00
252+00
45'
60'
IN

248+55 NB

LANE LINES
BEGIN 250+75 NB
END 253+80 NB

CURB RAMP
TYPE 2

CROSSWALK
10-FOOT WIDE

SCHNICK RD

LANE LINES (1)
BEGIN 50+62 SR
END 52+25 SR

EDGELINE
BEGIN 247+85 NB
END 257+30

EDGELINE
BEGIN 247+50 NB
END 257+65 NB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

2

EDGELINE
BEGIN 247+50 SB
END 254+85 SB

DOUBLE YELLOW
254+85 SB
TO 256+65 SB

EDGELINE
BEGIN 242+25 SB
END 257+32 SB

EDGELINE
BEGIN 256+65 SB
END 257+65 SB

LANE LINES (1)
BEGIN 80+30 KS
END 82+50 KS

256+32 SB

256+65 SB

SUNSET VISTA

CHANNELIZING LINE
BEGIN 258+35 SB
END 260+15 SB

EDGELINE
BEGIN 258+35 SB
END 260+15 SB

EDGELINE BEGIN
258+65 SB END
271+50 SB
MATCHLINE

W4 W8 W12 W18 WS4 WS8 Y4 YS4 CM IN DY4 YC AR

253+00 254+00 255+00 256+00 257+00 258+00 259+00 260+00

12+00 13+00 79+00 80+00 81+00

20' 70' 60' 5'

253+84 NB

DOUBLE YELLOW
254+85 NB
TO 256+65 NB

256+65 NB

CURB RAMP
TYPE 2

EDGELINE
247+85 NB TO
254+85

SKIP EDGE EXTENSION
BEGIN 253+84 NB
END 255+88 NB

SKIP EDGE EXTENSION
BEGIN 254+80 NB
END 255+88 NB

EDGELINE
255+88 NB
END 257+65 NB

CHANNELIZING LINE
BEGIN 255+88 NB
END 257+65 NB

EDGELINE
BEGIN 256+65 NB
END 257+65 NB

EDGELINE
BEGIN 247+85 NB
END 257+30 NB

CHANNELIZING LINE
BEGIN 256+65 NB
END 257+65 NB

CURB RAMP
TYPE 2

KRAMER RD

LANE LINES (1)
BEGIN 78+00 KS
END 79+35 KS

EDGELINE
BEGIN 258+26 NB
END 271+50 NB

259+30 NB

CHANNELIZING LINE
BEGIN 258+35 SB
END 259+85 SB

EDGELINE
BEGIN 258+35 NB
END 271+50 NB

SKIP EDGE EXTENSION
BEGIN 260+15 SB
END 260+75 SB

SKIP EDGE EXTENSION
BEGIN 260+15 SB
END 262+19 SB

262+19 SB

EDGELINE
BEGIN 258+65 SB
END 271+50 SB
MATCHLINE

EDGELINE
BEGIN 258+35 SB
END 271+50 SB
MATCHLINE

LANE LINES
BEGIN 267+15 SB
END 271+50 SB
MATCHLINE

261+00 262+00 263+00 264+00 265+00 266+00 267+00

EDGELINE
BEGIN 258+76 NB
END 271+50 NB

EDGELINE
BEGIN 258+35 NB
END 271+50 NB
MATCHLINE

LANE LINES
BEGIN 267+00 NB
END 271+50 NB
MATCHLINE

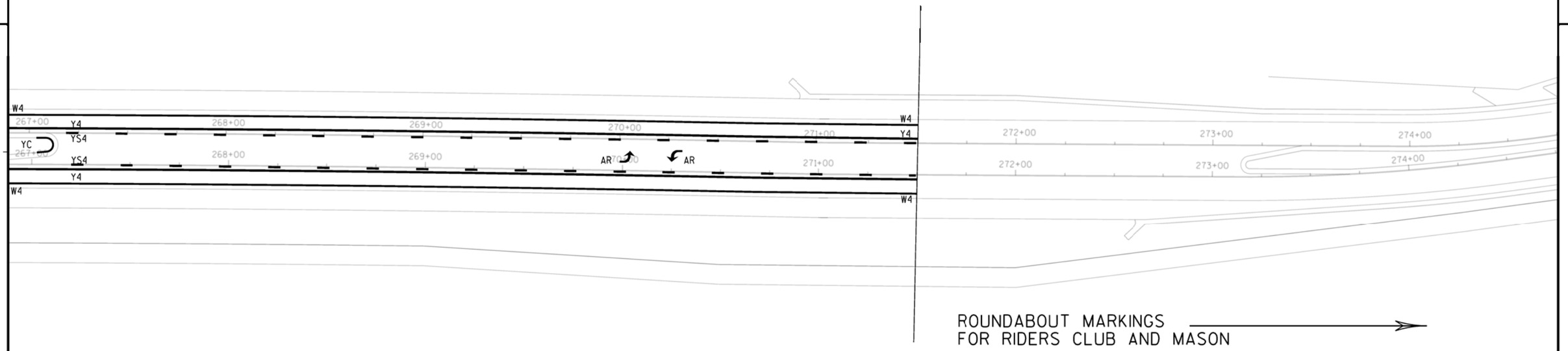
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024504_pm.dgn PLOT DATE : 28-JUL-2015 08:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

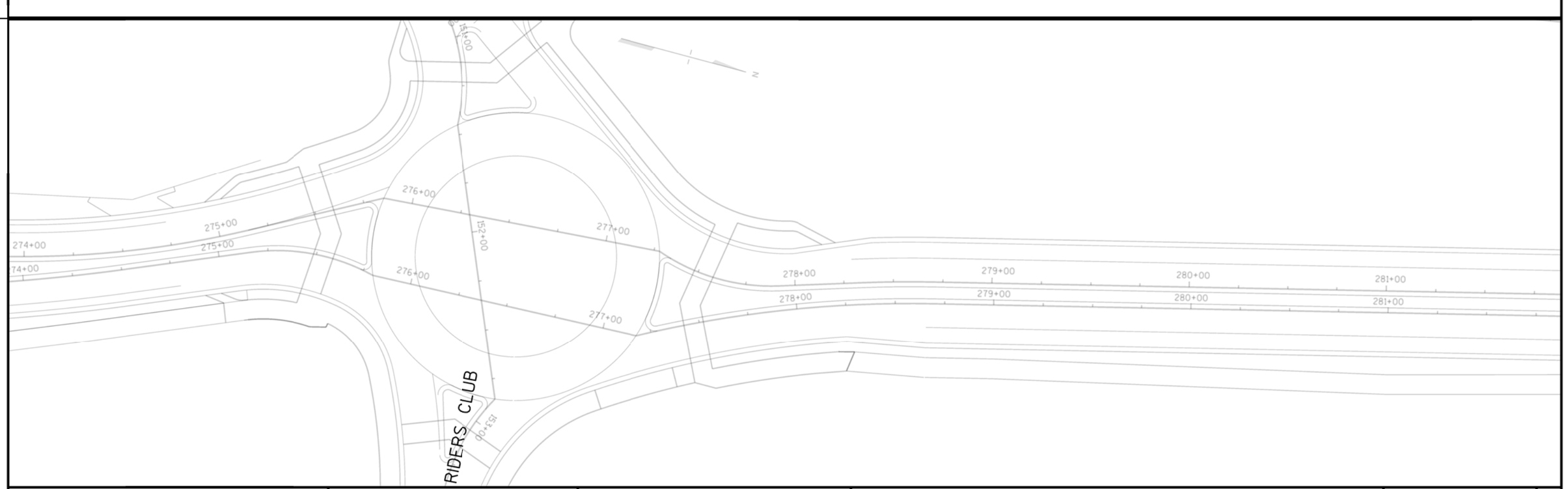
2

2

MATCH LINE STA 271+50



ROUNDABOUT MARKINGS
FOR RIDERS CLUB AND MASON



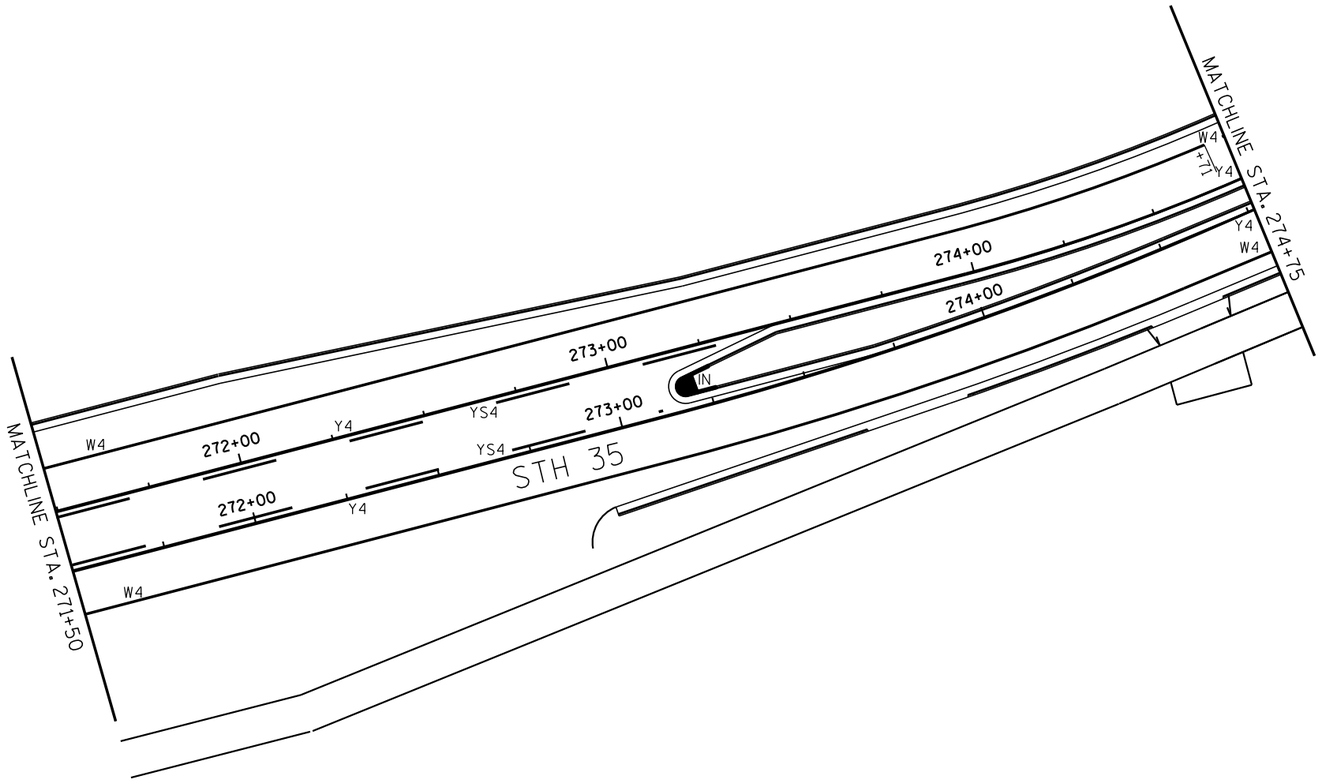
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024505_pm.dgn PLOT DATE : 28-JUL-2015 08:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

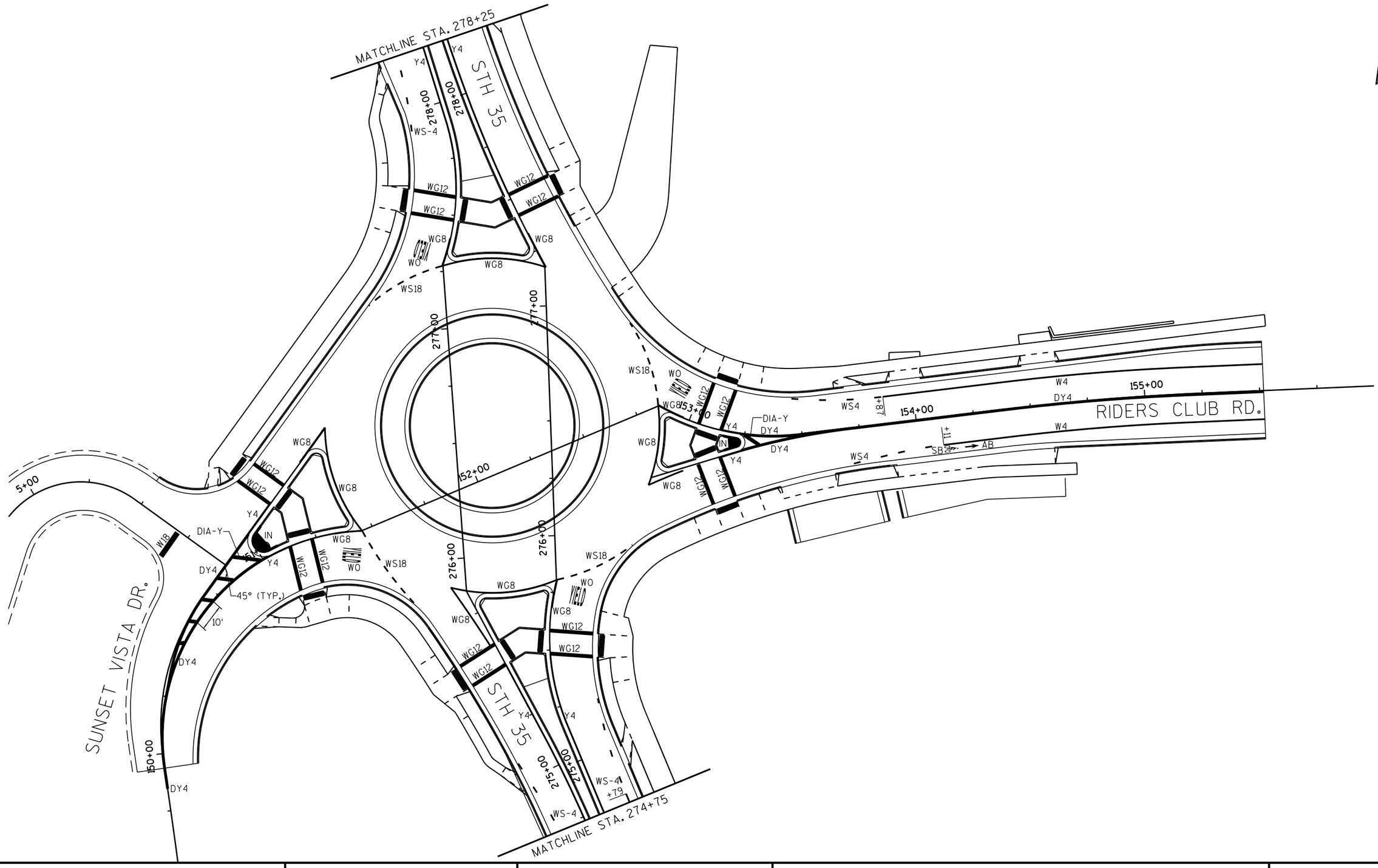
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024506_pm.dgn PLOT DATE : 28-JUL-2015 08:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 40:1

2

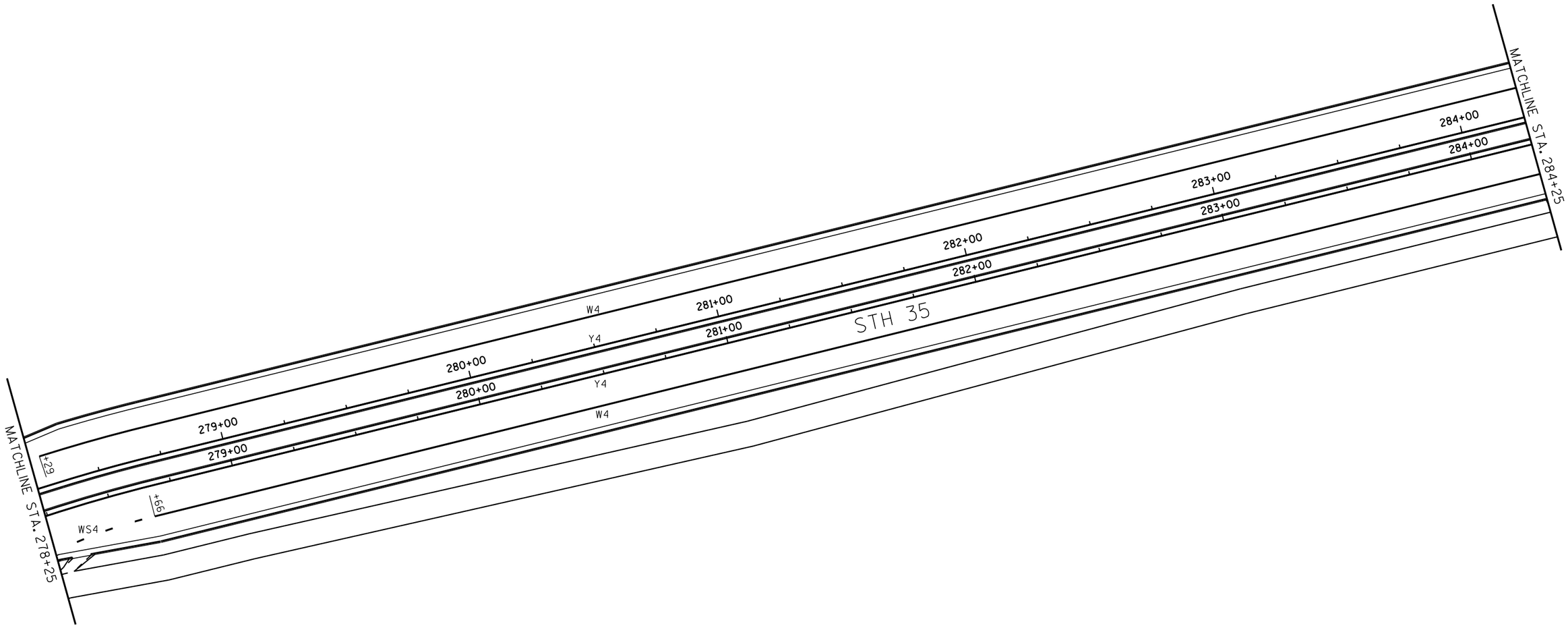


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

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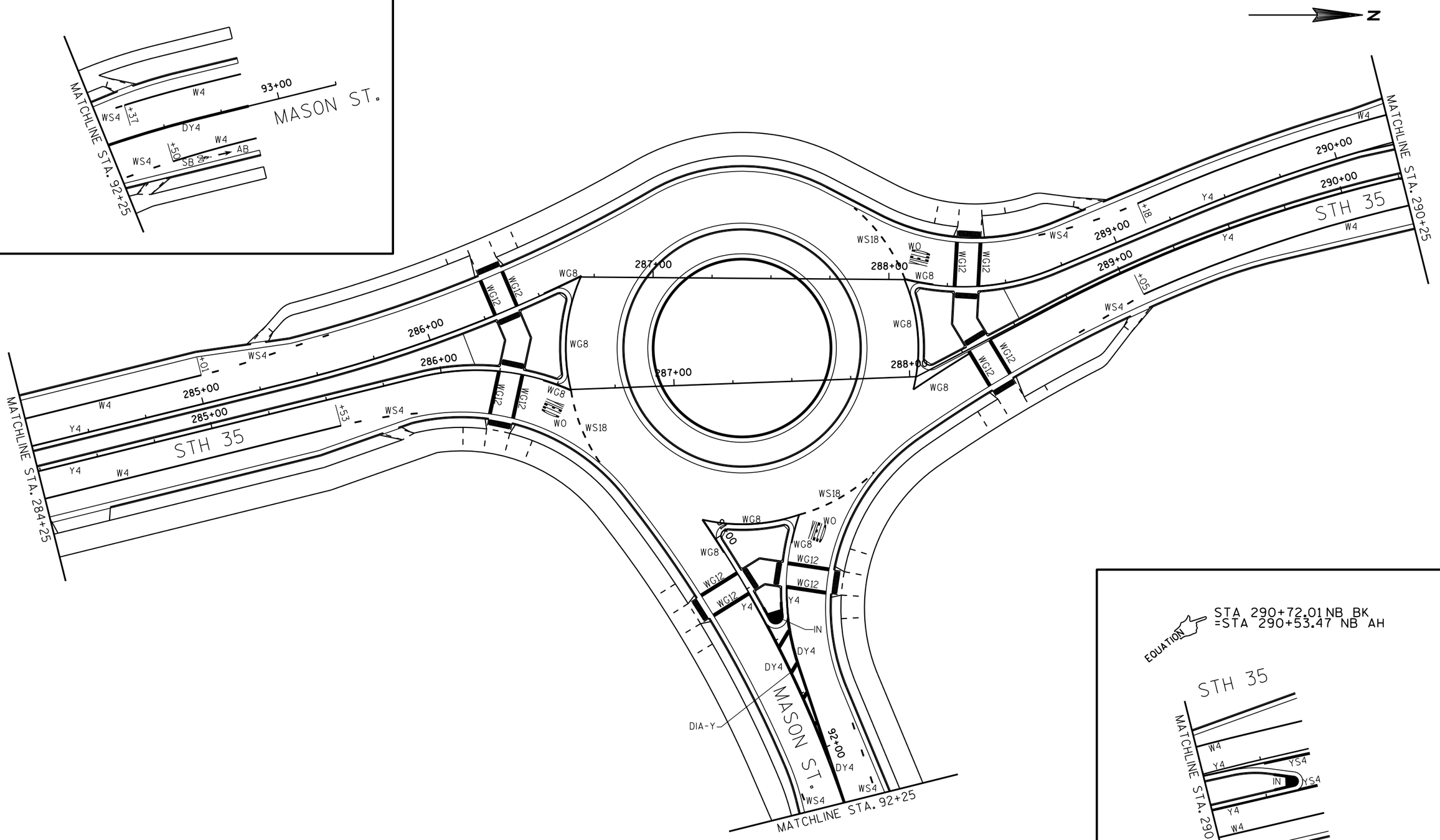
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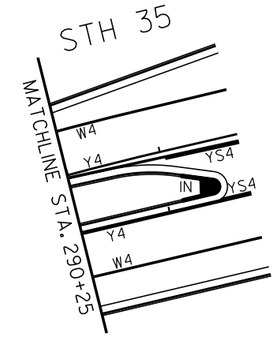


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

2

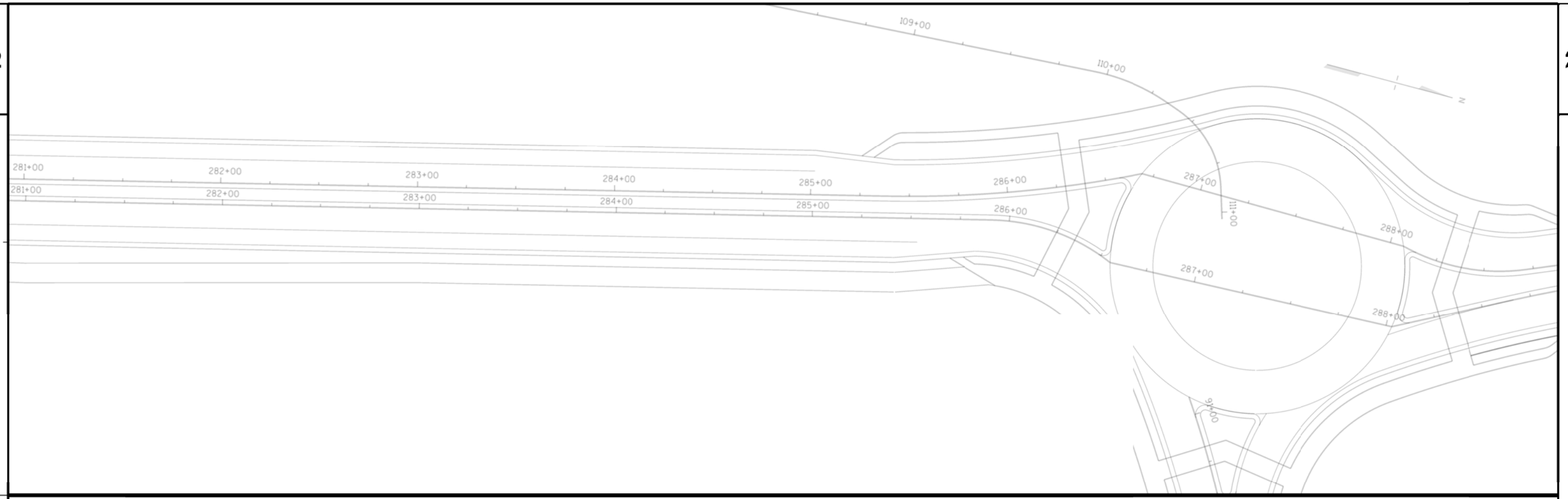


EQUATION STA 290+72.01 NB BK
=STA 290+53.47 NB AH

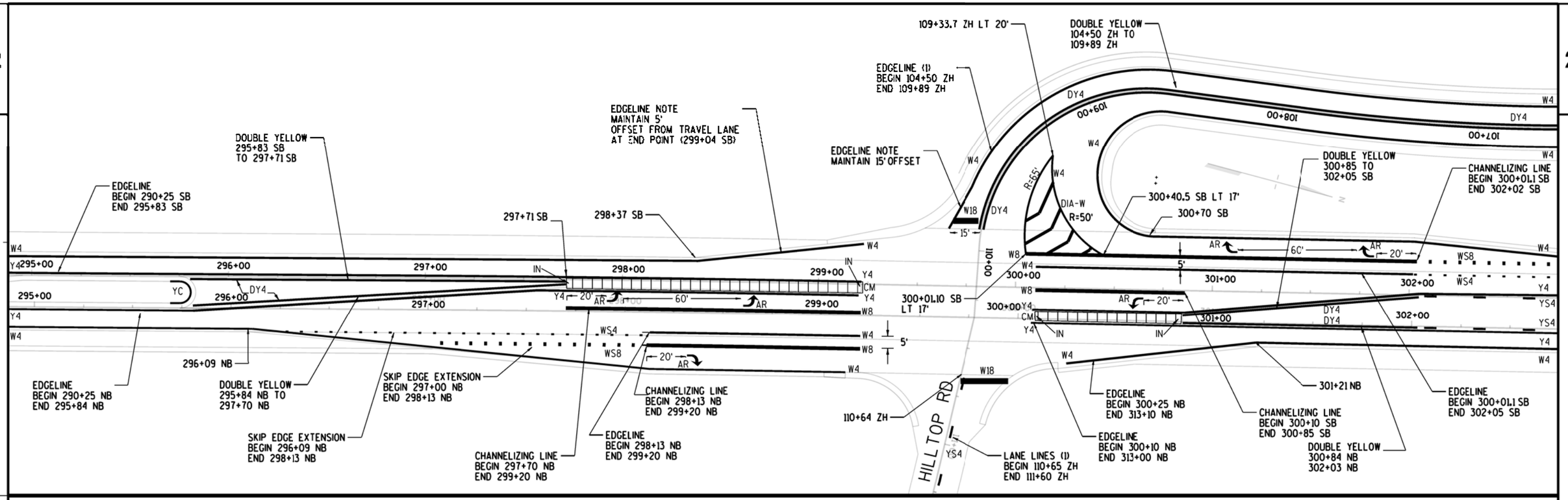


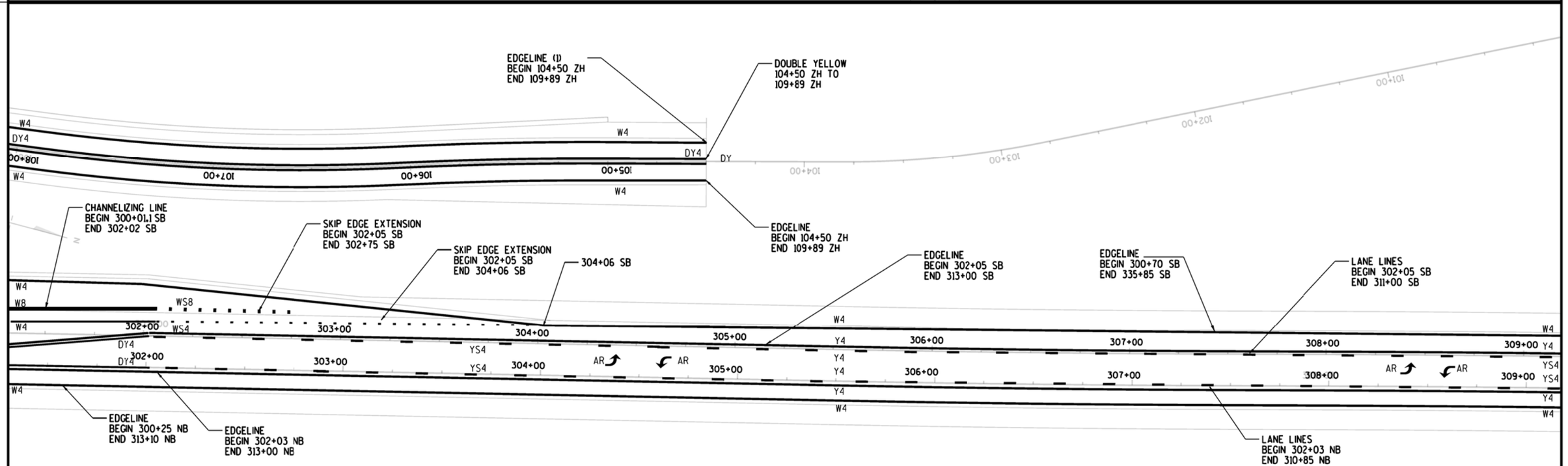
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E





PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024511_pm.dgn PLOT DATE : 28-JUL-2015 08:26 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

EDGELINE
BEGIN 300+70 SB
END 335+85 SB

EDGELINE
BEGIN 302+05 SB
END 313+00 SB

313+00 SB

CHANNELIZING LINE
BEGIN 314+00 SB
END 315+00 SB

309+00 310+00 311+00 312+00 313+00 314+00 315+00 316+00

W4 Y4 YS4 YC W8 WS4 WS8 W18 CM IN

20' AR 5'

EDGELINE
BEGIN 302+03 NB
END 313+00 NB

310+02 NB

SKIP EDGE EXTENSION
BEGIN 310+02 NB
END 312+06 NB

SKIP EDGE EXTENSION
BEGIN 311+00 NB
END 312+06 NB

EDGELINE
BEGIN 312+06 NB
END 313+10 NB

EDGELINE
BEGIN 300+25 NB
END 313+10 NB

CHANNELIZING LINE
BEGIN 312+06 NB
END 313+10 NB

WESTVIEW DR

115+00 116+00

115+45 W

LANE LINES (1)
BEGIN 115+46 W
END 116+40 W

EDGELINE
BEGIN 314+05 NB
END 321+43 NB

315+02 NB

EDGELINE
BEGIN 314+00 NB
END 321+50 NB

EDGELINE
BEGIN 300+70 SB
END 335+85 SB

EDGELINE
BEGIN 314+00 SB
END 321+50 SB

LANE LINES
BEGIN 317+07 SB
END 321+50 SB

EDGELINE
BEGIN 300+70 SB
END 335+85 SB

EDGELINE
BEGIN 322+30 SB
END 323+00 SB

CHANNELIZING LINE
BEGIN 322+30 SB
END 323+00

DOUBLE YELLOW
BEGIN 323+00 SB
END 325+15 SB

316+00 317+00 318+00 319+00 320+00 321+00 322+00 323+00

W4 Y4 YS4 W8 WS4 WS8 W18 CM IN DY4

AR 20' 5'

EDGELINE
BEGIN 314+00 NB
END 321+50 NB

LANE LINES
BEGIN 317+05 NB
END 321+50 NB

318+39 NB

SKIP EDGE EXTENSION
BEGIN 318+39 NB
END 320+43 NB

SKIP EDGE EXTENSION
BEGIN 319+35 NB
END 320+43 NB

EDGELINE
BEGIN 320+43 NB
END 321+43 NB

CHANNELIZING LINE
BEGIN 320+43 NB
END 321+43 NB

EDGELINE
BEGIN 314+49 NB
END 321+43 NB

SKIP EDGE EXTENSION
BEGIN 322+72 NB
END 323+80 NB

DOUBLE YELLOW
BEGIN 323+00 NB
END 325+15 NB

EDGELINE
BEGIN 322+45 NB
END 324+80 NB

EDGELINE
BEGIN 322+27 NB
END 323+00 NB

125+46 C

LANE LINES
BEGIN 125+47
END 126+50

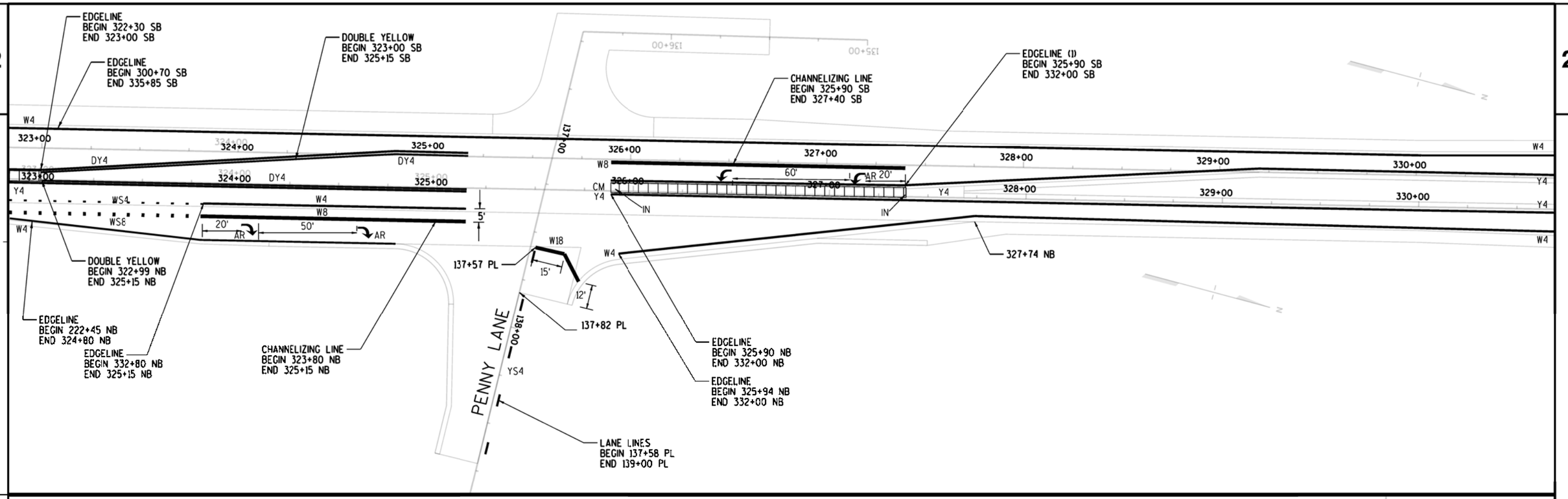
CLOVERDALE RD

125+00 126+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024512_pm.dgn PLOT DATE : 28-JUL-2015 08:27 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024513_pm.dgn PLOT DATE : 28-JUL-2015 08:27 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

204+00

205+00

206+00

337+45 SB

EDGELINE
BEGIN 337+45 SB
END 353+85 SB

W18

W4

W8

Y4

337+00

338+00

339+00

340+00

341+00

342+00

343+00

344+00

AR

W

EDGELINE NOTE:
FLARE FOR TURN BAY

EDGELINE
BEGIN 337+45 SB
END 351+35 SB

337+45 NB

EDGELINE
BEGIN 337+45 NB
END 351+35 NB

EDGELINE
BEGIN 337+45 NB
END 353+59 NB

AR3

ONLY

CTH OT SIGNAL INTERSECTION
PAVEMENT MATCH

EDGELINE
BEGIN 337+45 SB
END 353+85 SB

EDGELINE
BEGIN 337+45 SB
END 351+35 SB

345+00

346+00

347+00

348+00

349+00

350+00

351+00

351+35 SB

YC

DY4

WS4

350+71 NB

351+35 NB

EDGELINE
BEGIN 337+45 NB
END 353+59 NB

EDGELINE
BEGIN 337+45 NB
END 351+35 NB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

2

EDGELINE
BEGIN 337+45 SB
END 353+85 SB

DOUBLE YELLOW
BEGIN 351+35 SB
END 352+70 SB

140+98 US

ULMAN ST

CHANNELIZING LINE
BEGIN 352+75 NB
END 353+75 NB

EDGE LINE
BEGIN 352+70 SB
END 353+78 SB

353+25 SB

EDGELINE
BEGIN 354+70 SB
END 361+85 SB

CHANNELIZING LINE
BEGIN 354+70 SB
END 356+20 SB

CHANNELIZING LINE
BEGIN 354+75 SB
END 356+29 SB

SKIP EDGE EXTENSION
BEGIN 356+20 SB
END 357+70 SB

SKIP EDGE EXTENSION
BEGIN 356+20 SB
END 358+20 SB

CHANNELIZING LINE
BEGIN 354+70 SB
END 356+20 SB

DOUBLE YELLOW
BEGIN 351+35 NB
END 352+71 NB

SKIP EDGE EXTENSION
BEGIN 350+71 NB
END 352+75 NB

SKIP EDGE EXTENSION
BEGIN 351+90 NB
END 352+75 NB

CHANNELIZING LINE
BEGIN 352+75 NB
END 353+75 NB

EDGELINE
BEGIN 352+71 NB
END 353+75 NB

CHANNELIZING LINE
BEGIN 352+75 NB
END 353+75 NB

141+76 US

SPRUCE ST

LANE LINES
BEGIN 141+77 US
END 143+00 US

EDGELINE
BEGIN 354+85 NB
END 361+73 NB

EDGELINE
BEGIN 354+86 NB
END 364+73 NB

EDGELINE
BEGIN 354+80 SB
END 361+73 SB

EDGELINE
BEGIN 362+67 SB
END 370+76 SB

CHANNELIZING LINE
BEGIN 362+50 SB
END 363+67 SB

SKIP EDGE EXTENSION
BEGIN 363+67 SB
END 364+55 SB

SKIP EDGE EXTENSION
BEGIN 363+67 SB
END 365+37 SB

CHANNELIZING LINE
BEGIN 362+50 SB
END 363+67 SB

EDGELINE
BEGIN 362+70 SB
END 364+60 SB

365+37 SB

EDGELINE
BEING 354+85 NB
END 361+73 NB

EDGELINE
BEGIN 354+86 NB
END 364+73 NB

360+85 SB

361+85 SB

360+91 NB

CHANNELIZING LINE
BEGIN 360+13 NB
END 361+73 NB

SKIP EDGE EXTENSION
BEGIN 360+91 NB
END 362+95 NB

SKIP EDGE EXTENSION
BEGIN 361+65 NB
END 362+95 NB

EDGELINE
BEGIN 362+95 NB
END 364+73 NB

CHANNELIZING LINE
BEGIN 362+95 NB
END 364+73 NB

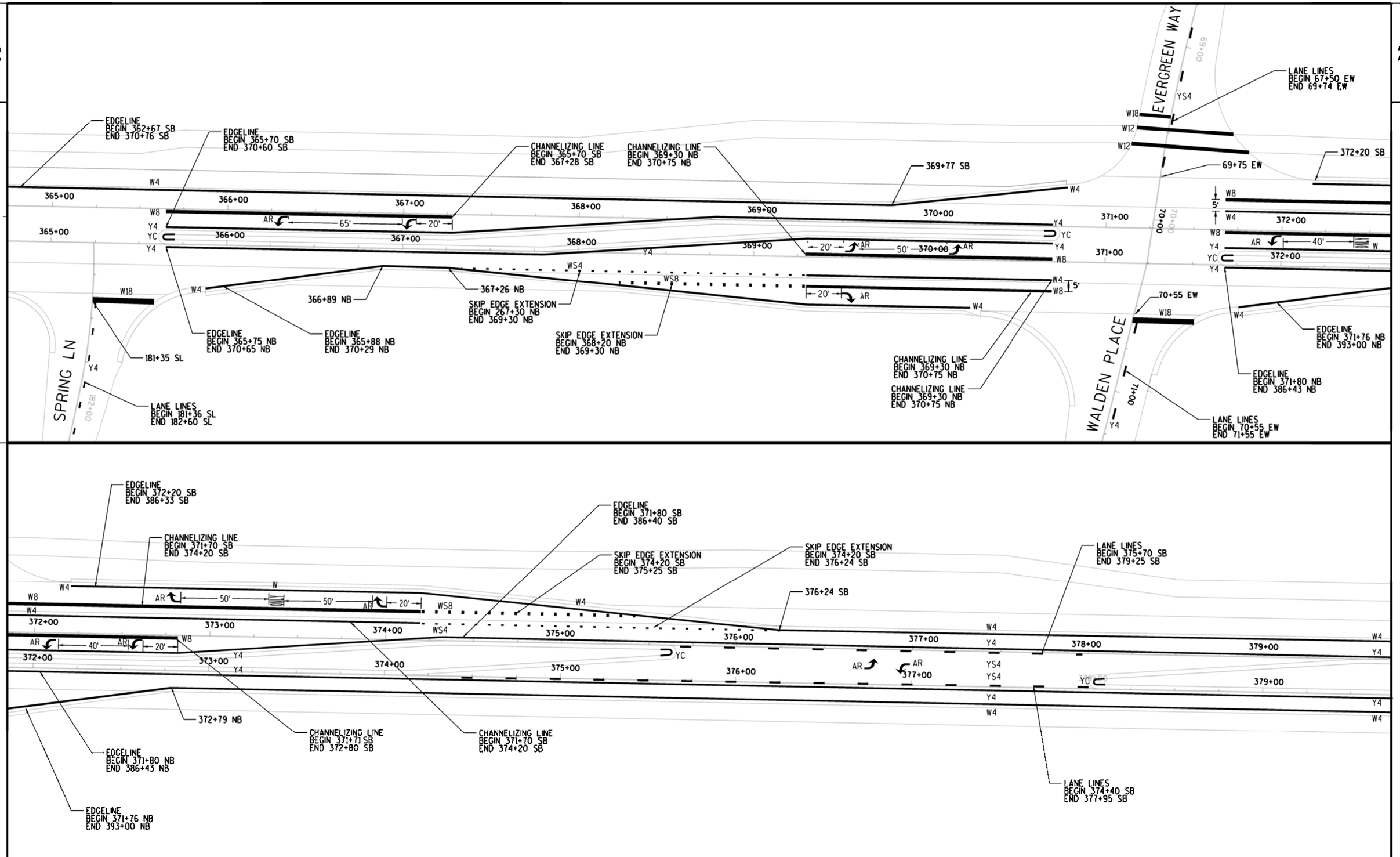
EDGELINE
BEGIN 363+00 NB
END 365+00 NB

SPRING LN

181+35 SL

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

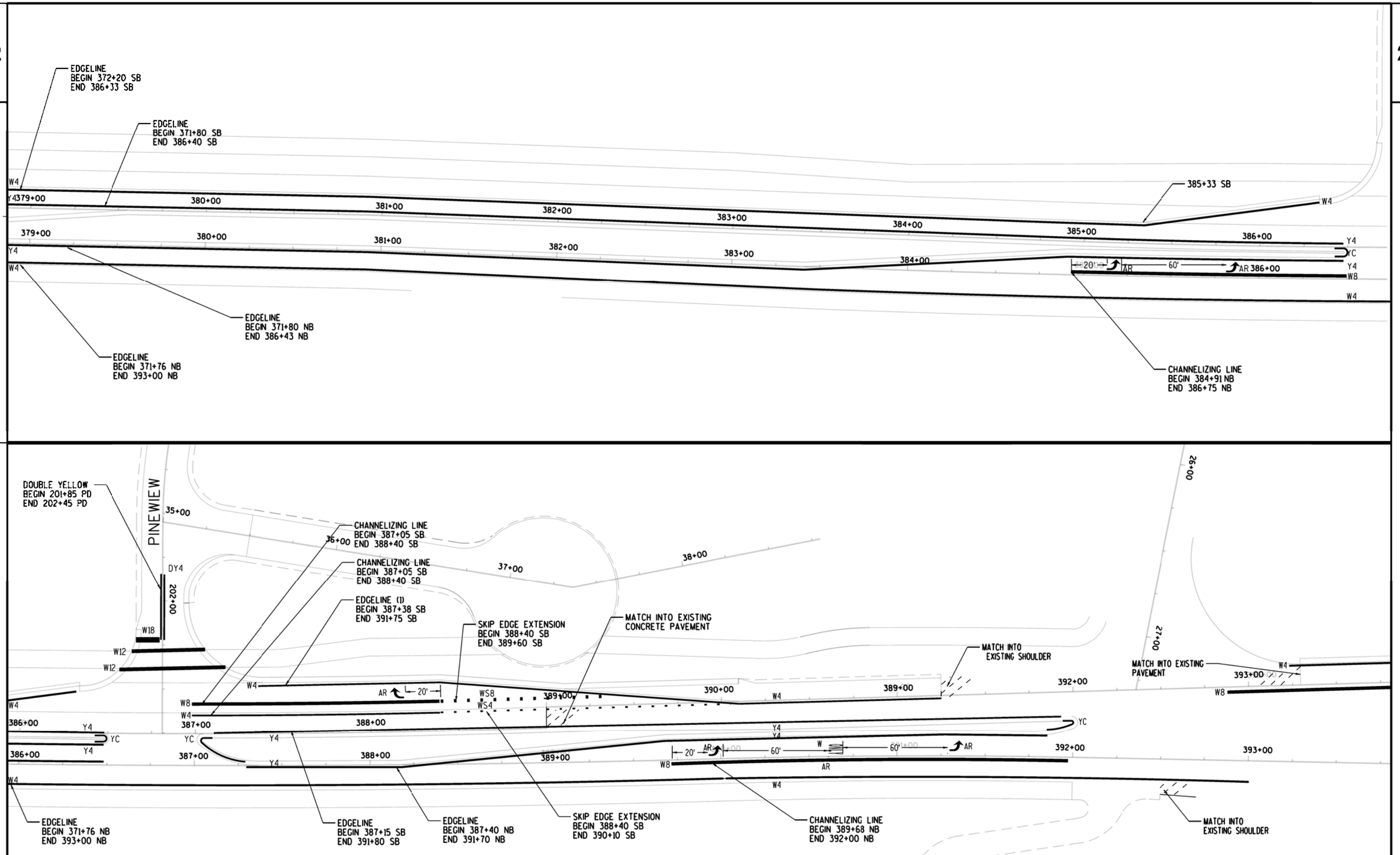
2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\024516_pm.dgn PLOT DATE : 28-JUL-2015 08:29 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1 WISDOT/CADDS SHEET 42

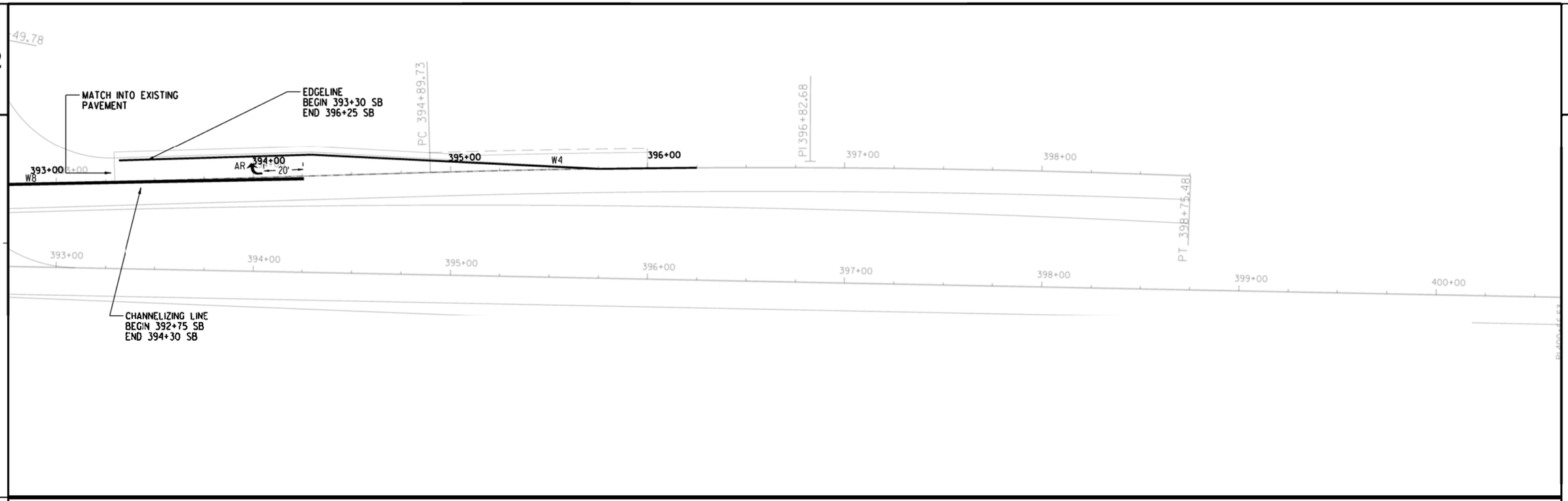
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E

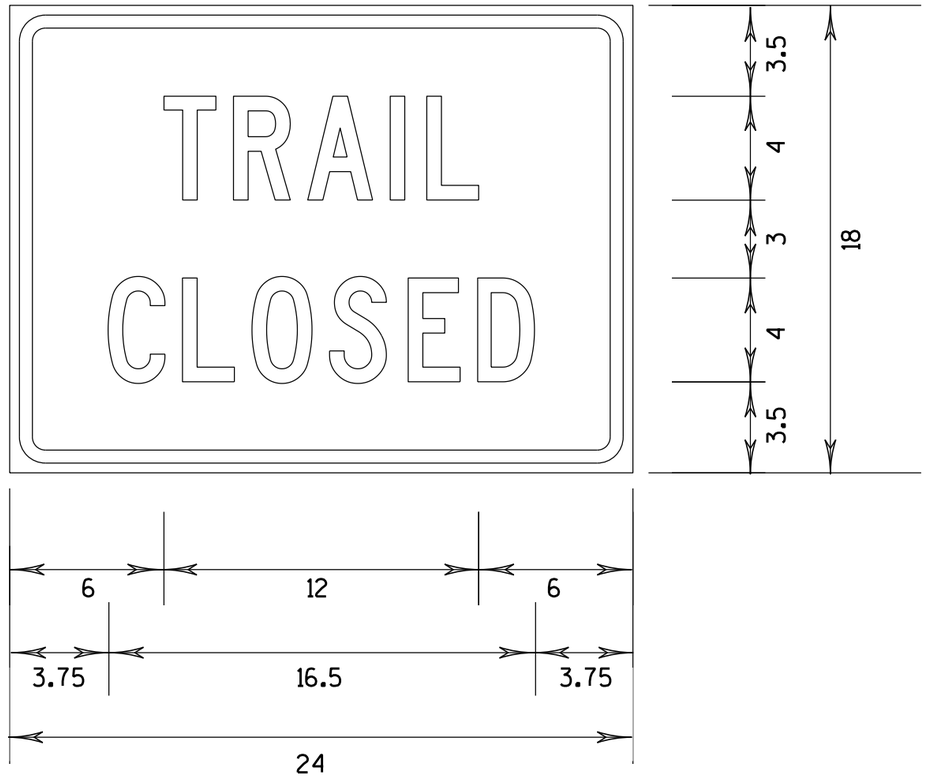
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WISDOT/CADDS SHEET 42



2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PAVEMENT MARKING	SHEET	E



1.375" Radius, 0.500" Border, 0.375" Indent

NOTES

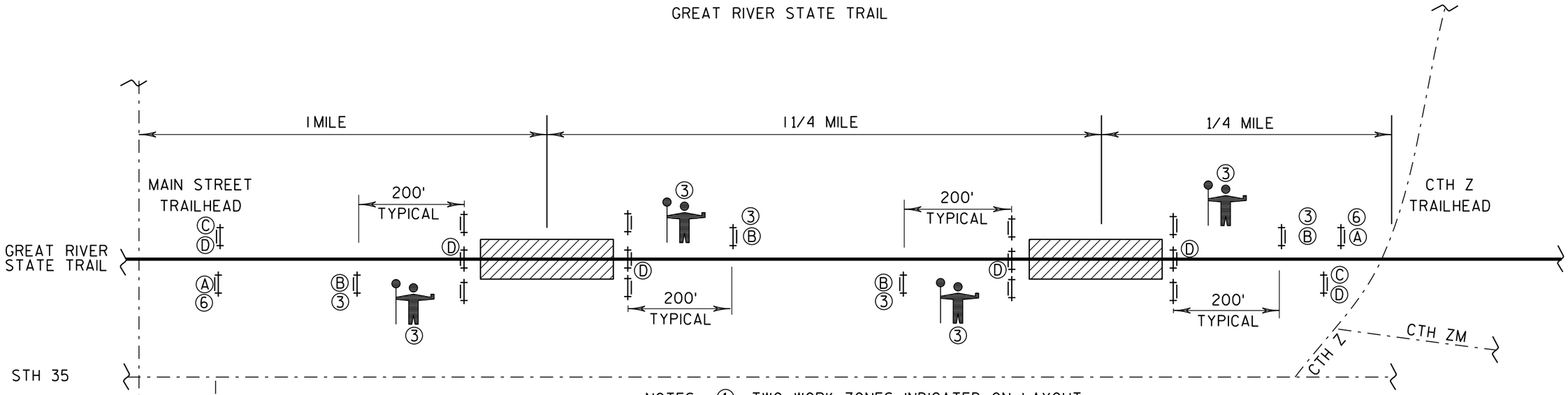
1. All Sign Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D

2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL	SHEET	E

OUTFALL TRAFFIC CONTROL

GREAT RIVER STATE TRAIL



LEGEND

OUTFALL WORK ZONE

Ⓐ UTILITY WORK AHEAD — W21-7

Ⓑ — W20-7

Ⓒ XX MILES AHEAD — W057-52
W57-52
36" X 24"

Ⓓ TRAIL CLOSED — R9-9 (MODIFIED)
R9-9
30" X 18"

NOTES:

① TWO WORK ZONES INDICATED ON LAYOUT. CONTRACTOR MAY ELECT NOT TO WORK AT EACH SITE CONCURRENTLY

② WORK ZONE IS TO BE CLOSED WITH BARRICADES ON EITHER SIDE WITH 'TRAIL CLOSED" SIGN.

③ TRAIL IS TO BE CLOSED FOR ONLY EIGHT (8) HOURS PER WORK DAY. IF WORK IS BEYOND 8 HOURS PER WORK DAY, CONTRACTOR IS TO OPEN TRAIL FOR USE. CONTRACTOR SHALL BACK FILL PIPE TRENCH TO PROVIDE A MINIMUM TEN (10) FEET OF TRAIL PASSAGE THROUGH WORK ZONE. TRAIL SURFACE IS TO HAVE 6-INCHS OF AGGREGATE AND BE COMPACTED. TRAIL GRADE IS TO MATCH INTO EXISTING GRADE BEYOND EXCAVATION TRENCH SIDES. ACCESS IS TO BE CONTROLLED BY FLAGGING OPERATIONS WHEN EQUIPMENT IS IN USE.

④ OPEN TRENCHES AT END OF WORK DAY ARE TO BE FENCED TO PREVENT ACCESS. ORANGE SECURITY FENCE IS REQUIRED.

⑤ FOR VEGETATION CLEARING PRIOR TO EXCAVATION ACTIVITIES, FLAGGER OPERATIONS ARE TO BE IN PLACE AT EACH ZONE TO GUIDE TRAIL USERS THROUGH WORK ZONE.

⑥ TRAIL CLOSURE COORDINATION REQUIRED WITH DNR ON CLOSURE DATE(S). PRIOR TO AND DURING WORK ACTIVITIES, THE CONTRACTOR IS TO POST A NOTICE OF CLOSURE INFORMATIONAL SHEET AT EACH TRAIL HEAD. THE NOTICE OF CLOSURE INFORMATIONAL SHEET SHALL CONTAIN SCHEDULED CLOSURE DATES AND PLANNED ACTIVITY.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAIL TRAFFIC CONTROL	SHEET	E

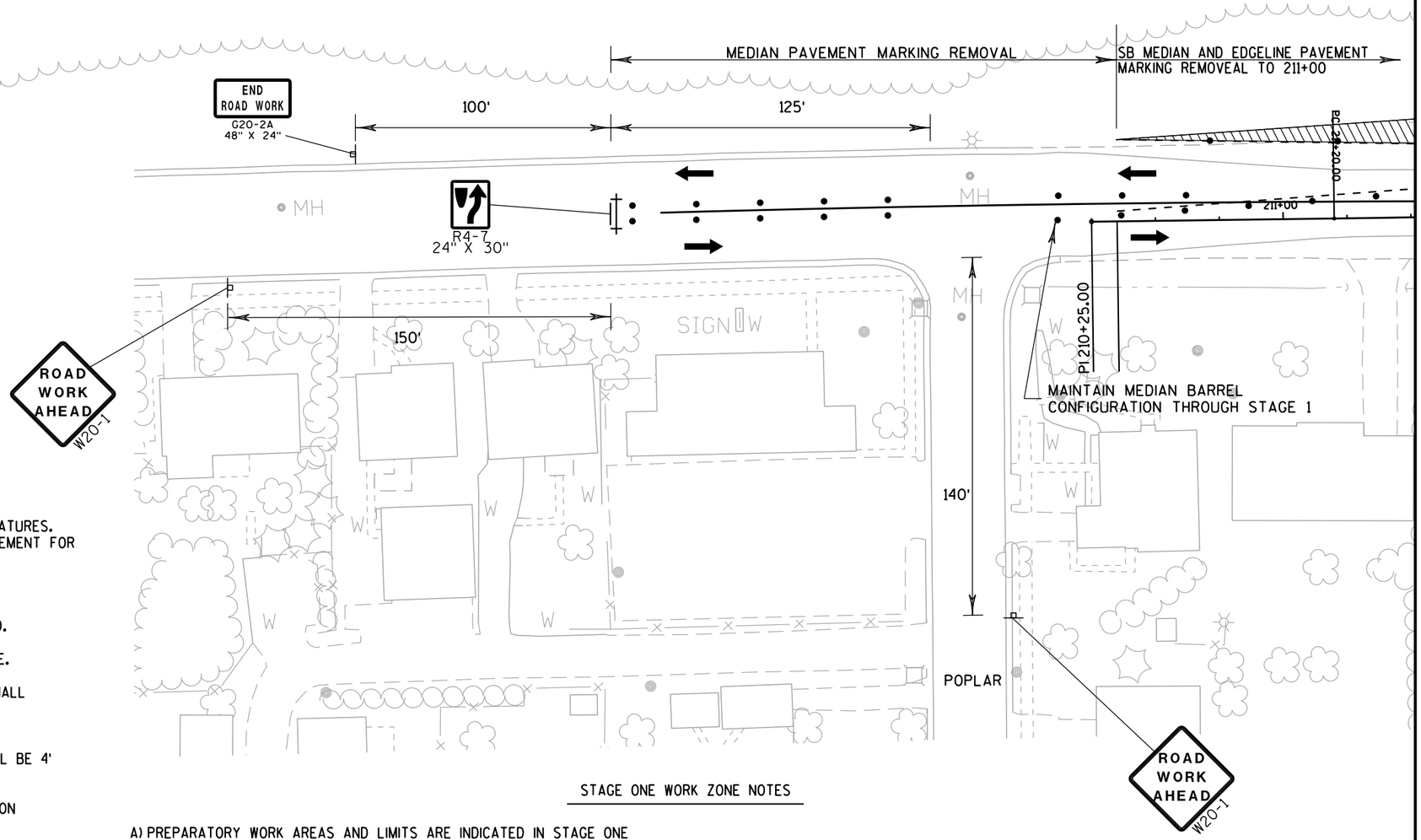
2

LEGEND

- TRAFFIC CONTROL DRUM WITH TYPE 'C' WARNING LIGHT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- WORK ZONE AREA
- PROPERTY ACCESS LOCATION AND STREET/ROAD ACCESS
- TYPE 'A' WARNING LIGHT
- TEMPORARY COMPACTED CRUSHED AGGREGATE DRIVING/PEDESTRIAN SURFACE
- TEMPORARY SURFACE ASPHALTIC
- TUBULAR MARKER
- SAFETY FENCE
- SAW CUT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CONCURRENT CONSTRUCTION ACTIVITY

- SALVAGE COVER AND INSTALL COVER PLATE TO EXISTING INLET AT 210+63 NB LT 47'
- PARTIAL FILL PLACEMENT



TRAFFIC CONTROL NOTES FOR ALL TRAFFIC CONTROL SHEETS

1. TRAFFIC CONTROL BACKGROUND INDICATES APPROXIMATE LOCATION OF EXISTING FEATURES. BOTH BACKGROUND AND TRAFFIC CONTROL FEATURES INDICATE LAYOUT AND PLACEMENT FOR TRAFFIC FLOW MANAGEMENT.
2. ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.
3. ALL TYPE III BARRICADES ARE 8' IN LENGTH UNLESS OTHERWISE SPECIFIED OR NOTED.
4. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE SIGH BACKGROUND IS ORANGE.
5. WHEN TYPE "A" WARNING LIGHT SYMBOL IS SHOWN AT EACH TYPE 3 BARRICADE SHALL BE FITTED WITH TWO WARNING LIGHTS.
6. TYPE 3 BARRICADE MAY BE SUBSTITUTED FOR A POST MOUNTED SIGN WHEN SIGN LOCATION CONDITIONS (SURFACE) PREVENT PROPER INSTALLATION. BARRICADE SHALL BE 4' IN WIDTH.
7. ALL TRAFFIC CONTROL DEVICE LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ANY EXISTING SIGN OR MARKING WHICH CONFLICTS WITH THE TRAFFIC CONTROL PLAN SHALL EITHER BE REMOVED OR COVERED AS NEEDED AND APPROVED BY THE ENGINEER.
9. REFLECTIVE DRUMS LOCATED IN LANE TAPERS OR CURVES SHALL BE EQUIPPED WITH TYPE "C" STEADY BURN LIGHTS.
10. IF TWO SIGNS ARE SPECIFIED ON A TYPE 3, LOWEST SIGN IS TO HAVE A MINIMUM GROUND CLEARANCE OF 4.5' FROM BOTTOM OF SIGN.

STAGE ONE WORK ZONE NOTES

A) PREPARATORY WORK AREAS AND LIMITS ARE INDICATED IN STAGE ONE

B) ASPHALT REMOVAL AND TEMPORARY PAVING OPERATIONS ARE RESTRICTED TO DAYTIME ONLY. CONTRACTOR IS TO RESTORE DRIVING OPERATIONS AT THE END OF EACH WORKDAY.

C) PRIOR TO PAVEMENT/SHOULDER SAW CUT OPERATIONS, ASPHALT REMOVAL OR TEMPORARY PAVING OPERATIONS, CONTRACTOR IS TO ESTABLISH DAILY WORK ZONE LIMITS WITH THE PROJECT ENGINEER. THESE LIMITS ARE TO RESTRICT/LIMIT THE LENGTH OF TRAFFIC SHIFTS WITHIN THE PROJECT LIMITS IN ORDER TO MAINTAIN AND MAXIMIZE EXISTING DRIVING CONDITIONS

D) PROPOSED WORK ZONE LIMITS ARE INDICATED FOR PROPOSED ACTIVITY

E) MAINTAIN EXISTING SIDELINE STOP SIGNS UNLESS OTHERWISE NOTED.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

STORM SEWER EXTENSION NOTE:
AREA OF EXISTING CONCRETE IS TO BE REPLACED WITH ASPHALT. DO NOT OPEN TO THROUGH TRAFFIC WITH AGGREGATE SURFACE.

CONCURRENT CONSTRUCTION ACTIVITY

- INSTALL MH3 AND PIPE TO MH4. COVER PLATE MH3
- INSTALL 18-INCH PIPE FROM MH3 TO NBRL AREA. TEMPORARY CAP PIPE END
- PARTIAL FILL PLACEMENT 210+50 NB LT TO 219+25 NB LT

217+99.9 NB LT 34.3'
218+00.4 LT 8.3'

UTILITY POLE RECLOCATION
TO BE COMPLETED BY OTHERS

216+80.40 NB
BEGIN FULL SHOULDER REMOVAL

ASPHALT SAW LINE
ALONG EXISTING SHOULDER
10' PARALLEL TO EXISTING SB
OUTSIDE CONCRETE SHOULDER EDGE

213+50 NB
LT 47.7'

SB MEDIAN AND EDGELINE PAVEMENT
MARKING REMOVEAL TO 211+00

215+00.8 NB LT 18'
215+01.2 NB LT 44'

STORM SEWER PIPE

STORM SEWER EXTENSION
SEE NOTE

EXISTING
MH4

MH3

* LOW SHOULDER W08-9

26'

211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

213+50 NB
START OF EXISTING CONCRETE PAVEMENT
(2-11' LANES)

TRIANGLE ASPHALT SAW CUT AREA
AREA WITHIN SAW CUT MAINTAINS EXISTING PAVEMENT FOR TEMPORARY LANE USAGE
SEE BELOW

EXISTING SB OUTSIDE
CONCRETE PAVEMENT EDGE

LIGHT POLE REMOVAL
TO BE COMPLETED BY OTHERS

210+35 NB
LT 32'

213+50 NB
LT 23.7'

2'

213+50 NB
LT 21.7'

210+35 NB
LT 4'

DIAGONAL SHOULDER
ASPHALT SAW CUT
215+00.8 NB LT 18' TO
216+80.4 NB LT 11' TO
216+80.4 NB LT 7'

SB TRANSVERSE SAW CUT FOR
STORM SEWER PIPE PLACEMENT
216+20 NB (EXISTING C/L POINT)
TO SB EXISTING PAVEMENT
EDGE. EXTEND SAW CUT
TO EXISTING C/L PAVEMENT
JOINT LINE AT 216+50.5 NB.
SEE BELOW

TEMPORARY ASPHALT PLACED ONLY
TO MAINTAIN DRIVING SURFACE PRIOR
TO STAGE 2A

TEMPORARY PAVEMENT
ASPHALT WEDGE
SHOULDER SAW CUT POINTS
216+80.4 LT NB 11'
216+80.4 LT NB 7'

320' OR 50' WEST OF
4TH AVE. INTERSECTION

ROAD WORK AHEAD W20-1

QUINCY ST

STORM SEWER SAW CUT

SB OUTSIDE PAVEMENT EDGE

216+00

NB R/L

4'

EXISTING C/L

+20.5 +50.5

REMOVED ASPHALT SHOULDER SEGMENT SIGNING
(PRE PAVING AND POST PAVING)

- POST SHOULDER PAVING BARREL LAYOUT INDICATED PRIOR TO STAGE 2A. BARREL LAYOUT TO MARK OUTSIDE DRIVING LANE EDGE. ADJUST PLACEMENT FOR BY PASS LANES AT QUINCY, SPRUCE, TROY, CTH Z.
- * UTILIZE LOW SHOULDER SIGN AFTER REMOVAL OF SHOULDER ASPHALT AND DURING SHOULDER AGGREGATE PREPARATION PRIOR TO PAVING OF TEMPORARY ASPHALT.
- BARRELS ALSO ALONG EXISTING CONCRETE PAVEMENT AFTER ASPHALT SHOULDER REMOVAL TO DELINEATE ROADWAY.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

BIKE PATH

UTILITY POLE RELOCATION
TO BE COMPLETED BY OTHERS

217+99.9 NB LT 34.3'
218+00.4 LT 8.3'

218+99.7 NB LT 36.5'

SAW CUT
ASPHALT

220+99.6 NB LT 41.5' (BEGIN TAPER)
221+00.2 NB LT 15.5' (OUTSIDE CONCRETE PAVEMENT)

SAW CUT
ASPHALT

222+99.8 NB LT 35'
223+00.5 NB LT 9.5' (EXISTING C/L)

* LOW SHOULDER W08-9

26'
26'
26'
15'
11'

218+00
219+00
220+00
221+00
222+00
223+00
224+00
225+00

PT 218+67.37

PC 223+10.42

PI 225+20.25

TRANSVERSE CONCRETE SAW CUT
221+00.2 NB (SB LANE)

130'

ROAD WORK AHEAD W20-1

SIGN
INL
SIGN
SIGN
SIGN
MH
MH
MH
MH

ROYAL ST.

WEST AVE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026003_s1.dgn PLOT DATE : 28-JUL-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

227+00.7 NB LT 41'

228+00.7 NB LT 36'

MAINTAIN EXISTING BEAM GUARD FOR STAGE 2A

EXISTING SB OUTSIDE PAVEMENT EDGE

15'

10'

11'

5'

226+00

227+00

228+00

229+00

230+00

231+00

232+00

233+00

EXISTING C/L JOINT

NB R/L

CONCRETE SAW CUT
227+00.7 NB LT 10'
OFFSET 5'RT FROM EXISTING
C/L JOINT

SIGN

SIGN

SIGN

SIGN

MH

MH

150'

ROAD WORK AHEAD
W20-1

SPRUCE ST

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026004_s1.dgn PLOT DATE : 28-JUL-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

LOW SHOULDER
W0B-9

EXISTING SB OUTSIDE PAVEMENT EDGE

MAINTAIN EXISTING BEAM GUARD FOR STAGE 2A

236+00.7 NB LT 36'

237+51 NB LT 40.7'

NORTH OVERLOOK

SAW CUT ASPHALT

10'

11'

15'

11'

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

NB R/L

EXISTING C/L JOINT

SAW CUT CONCRETE
237+50.8 NB LT 9.7'
OFFSET 5'RT FROM
EXISTING C/L JOINT

SIGN TO INTERSECTION
OF WEST AVE.
(WEST OF INTERSECTION)

ROAD WORK AHEAD
W20-1

TROY ST

MH SIGN MH SIGN CANOPY PHONE SIGN ANT. FILLER CAPS W A/C A/C SIGN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\026005_s1.dgn PLOT DATE : 28-JUL-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50.0001:1

WISDOT/CADDS SHEET 42

2

2

N

SIGN

NORTH OVERLOOK

SAW CUT ASPHALT

EXISTING SB OUTSIDE PAVEMENT EDGE

S.T.H. 35

15'

11'

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00

LOW SHOULDER W08-9

EXISTING CL JOINT

NB R/L

SIGN

PT 242+40.78

SIGN

SIGN

A/C

280' SEE NOTE

ROAD WORK AHEAD W20-1

PLACE SIGN WEST OF THE HURRICANE CT INTERSECTION

SCHNICK ROAD

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026006_s1.dgn PLOT DATE : 28-JUL-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

BIKE PATH

N

248+75.8 NB LT 34'

249+75.8 NB LT 31'

EXISTING SB OUTSIDE PAVEMENT EDGE

EXISTING CL JOINT

15'

12'

11'

3'

247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

EXISTING CL JOINT

SAW CUT CONCRETE 248+75.8 NB LT 5' OFFSET 3'RT FROM EXISTING CENTERLINE JOINT

NB RL

180'

ROAD WORK AHEAD W20-1

SCHNICK ROAD

W

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026007_s1.dgn PLOT DATE : 28-JUL-2015 08:32 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1 WISDOT/CADDS SHEET 42

2

PLACED APPROXIMATELY 330' FROM INTERSECTION WITH STH 35

ROAD WORK AHEAD W20-1

SUNSET VISTA

ROAD CLOSED 1500 FT W20-3

STAGE 2A TRAFFIC CROSSOVER

257+50.9 NB LT 33.3'
END TEMPORARY ASPHALT.
SAW CUT AT END POINT
(SHOULDER REMOVAL)

EXISTING SB OUTSIDE PAVEMENT EDGE

254+75.8 NB LT 31'

256+00.8 NB LT 34'

* LOW SHOULDER W08-9

STOP R1-1 36"x36"

CROSS SAW CUT FROM TEMPORARY ASPHALT END

259+00.7 NB
TRANSVERSE SAW CUT CONCRETE
PAVEMENT EDGE.

EXISTING CL JOINT

12'
11'
15'
11'
3'
15'
11'
15'

254+00 255+00 256+00 257+00 258+00 259+00 260+00 261+00

EXISTING CL JOINT

SAW CUT CONCRETE
256+00 NB LT 5'

256+75.8 NB
TRANSVERSE SAW CUT CONCRETE
PAVEMENT AND SHOULDER
15' TEMPORARY PAVEMENT
TO 257+74.8 NB RT 18.9'

CROSS SAW CUT PARALLEL
TO OUTSIDE TEMPORARY ASPHALT
EDGE. 15' RT OF EXISTING NB
EDGE OF PAVEMENT.

STOP R1-1 36"x36"

* LOW SHOULDER W08-9

EXISTING NB OUTSIDE
PAVEMENT EDGE

258+25.7 NB
BEGIN FULL SHOULDER REMOVAL

SIGN TO HURRICANE COURT INTERSECTION
(WEST OF INTERSECTION)

ROAD WORK AHEAD W20-1

KRAMER ROAD

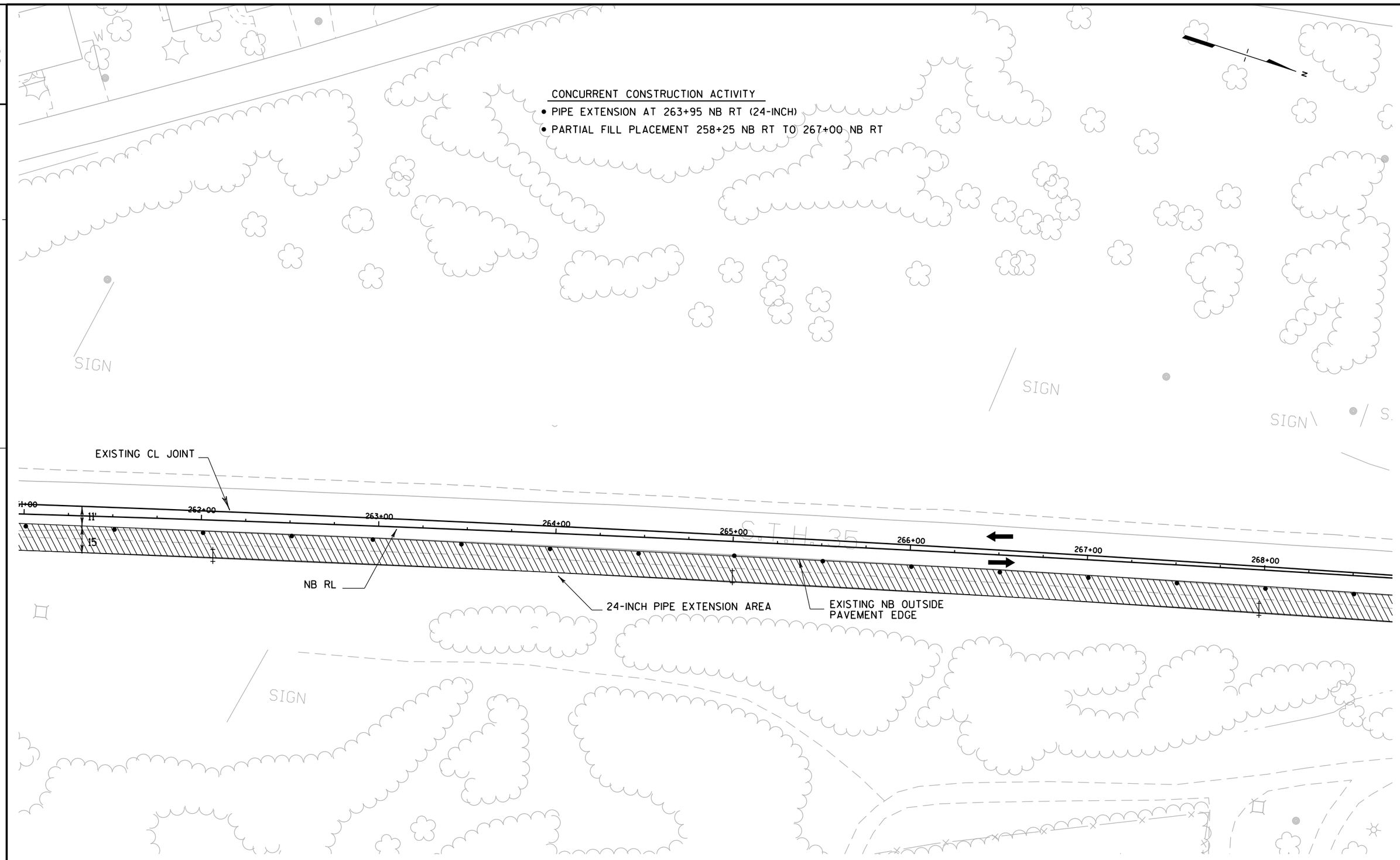
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026008_s1.dgn PLOT DATE : 28-JUL-2015 08:32 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

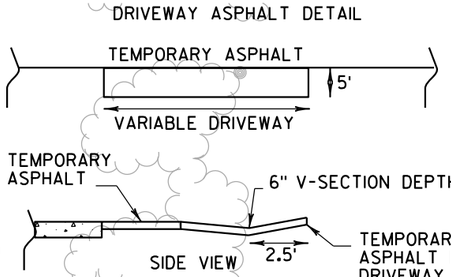
CONCURRENT CONSTRUCTION ACTIVITY

- PIPE EXTENSION AT 263+95 NB RT (24-INCH)
- PARTIAL FILL PLACEMENT 258+25 NB RT TO 267+00 NB RT



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

DRIVEWAY ASPHALT DETAIL



2

ROAD CLOSED 500 FT
W20-3

N

TOWER

SIGN

BEGIN RIGHT TURN LANE
R3-20R
24" X 36"

*

LOOSE GRAVEL
W8-7
36" X 36"

EXISTING CL JOINT

EXISTING NB OUTSIDE PAVEMENT EDGE

NB R/L

268+00 269+00 270+00 271+00 272+00 273+00 274+00 275+00

11'
15'

DITCH SHAPING

MAINTAIN EXISTING DRIVEWAY CROSS DRAIN PIPE

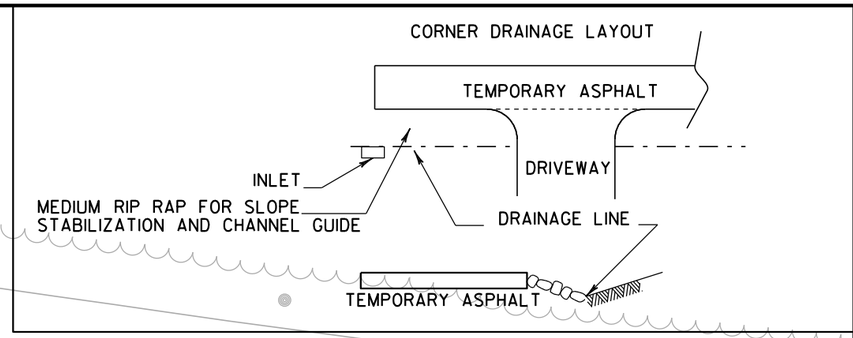
REMOVE EXISTING DRIVEWAY PIPE SEE DRIVEWAY ASPHALT DETAIL

REMOVE EXISTING DRIVEWAY PIPE

SEPTIC VENT
274+97.6 NB RT 59.9'
DO NOT DISTURB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2



ROAD CLOSED
R11-2
48" X 30"

CLOSURE OF SUNSET VISTA IS TO BE DONE PRIOR TO THE TRANSITION TO STAGE 2A. CLOSURE IS TO COMPLETE STORM SEWER RETENTION BASIN, MANHOLE 59, AND CONNECTION TO EXISTING MANHOLE. DISCHARGE OUTLET PIPE INTO BASIN TO BE INSTALLED ALSO.

EXISTING CL JOINT

EXISTING NB OUTSIDE PAVEMENT EDGE

275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00

11' 15' 11' 15'

276+00 NB RT 20.6'
END TEMPORARY ASPHALT.
SAW CUT AT END POINT
TO INCLUDE CURB AND GUTTER
REMOVAL AT 276+03 NB RT 35.2'

CROSS SAW CUT
15' PARALLEL TO OUTSIDE
TEMPORARY ASPHALT EDGE

STOP
R1-1
36"X36"

LOW SHOULDER
W08-3

DITCH SHAPING

MAINTAIN EXISTING DRIVEAY PIPE
PLACE MEDIUM RIP RAP TO STABILIZE
SLOPE AND CHANNEL GUIDE. SEE LAYOUT.

276+77.8 NB TR 4.4'
BEGIN FULL SHOULDER REMOVAL.
ASPHALT SAW CUT AND CURB AND
GUTTER REMOVAL AT 276+81.3 NB RT 19'

400'

ROAD WORK AHEAD
W20-1

RIDERS CLUB ROAD

SIGN MH IN W

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

EXISTING DRAINAGE PIPE
TO BE REMOVED

WORKZONE SAW CUT LINE
AND TEMPORARY LANE EDGE
286+93.9 NB RT 1.3'
287+54 NB LT 9.2'
288+42.27 NB LT 4.7'

288+45.7 NB LT 19.3'
BEGIN SHOULDER SAW CUT
REMOVAL EAST OF SAWCUT
FOR TEMPORARY ASPHALT

288+47.2 NB LT 25.1'
288+49.8 NB LT 35.8'
TRANSVERSE CONCRETE
PAVEMENT SAW CUT

EXISTING CL JOINT

282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00

BARRELS TO DELINEATE
TURN BAY
284+83.4 NB
RT 4.4'

286+11.3 NB RT 13.6'
286+09 NB RT 2.8'
TRANSVERSE CONCRETE
PAVEMENT SAWCUT

R3-1
24" X 24"

11'
15'
26'
26'
26'

BEGIN RIGHT TURN LANE
R3-20R
24" X 36"

* LOOSE GRAVEL
W8-7
36" X 36"

MAINTAIN EXISTING
DRIVEWAY
DRAINAGE PIPE

284+83.4 NB RT 30.4'
TAPER POINT

MAINTAIN DRAINAGE INTAKE AND DISCHARGE
IN CONSTRUCTION ZONE FOR STAGE 2A
CONTRACTOR TO PROVIDE WORKZONE DRAINAGE
METHOD.

STOP
R1-1
36"X36"

288+36.5 NB RT 18.6'
TAPER POINT

286+98.8 NB
RT 24.8'
END TEMPORARY ASPHALT
PLACEMENT SAW CUT AT END
POINT TO INCLUDE CURB AND
GUTTER REMOVAL.

287+58.9 NB RT 14.3'
BEGIN TEMPORARY ASPHALT PLACEMENT
SAW CUT TO INCLUDE CURB AND GUTTER
REMOVAL

ROAD
CLOSED
R11-2
48" X 30"

CONCURRENT CONSTRUCTION ACTIVITY

- EROSION CONTROL ITEMS
- PARTIAL FILL PLACEMENT 284+85 NB RT
  TO 290+80 NB RT

MASON
STREET

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

290+19.1 NB LT 2.2'
SAW CUT TAPER POINT AT EXISTING
EDGE OF PAVEMENT

EXISTING CL JOINT

EXISTING NB OUTSIDE
PAVEMENT EDGE

290+00
292+00
293+00
294+00
295+00
296+00

26'

* LOW SHOULDER
W08-9

290+19.4 NB RT 23.8'
TAPER POINT
26' TEMPORARY ASPHALT
ALONG EXISTING NB PAVEMENT EDGE

25'

SIGN

REMOVE EXISTING DRIVEWAY PIPE
SEE ASPHALT DRIVEWAY DETAIL

DITCH SHAPING

REMOVE EXISTING DRIVEWAY
PIPE. PLACE ASPHALT.

SIGN

A/C

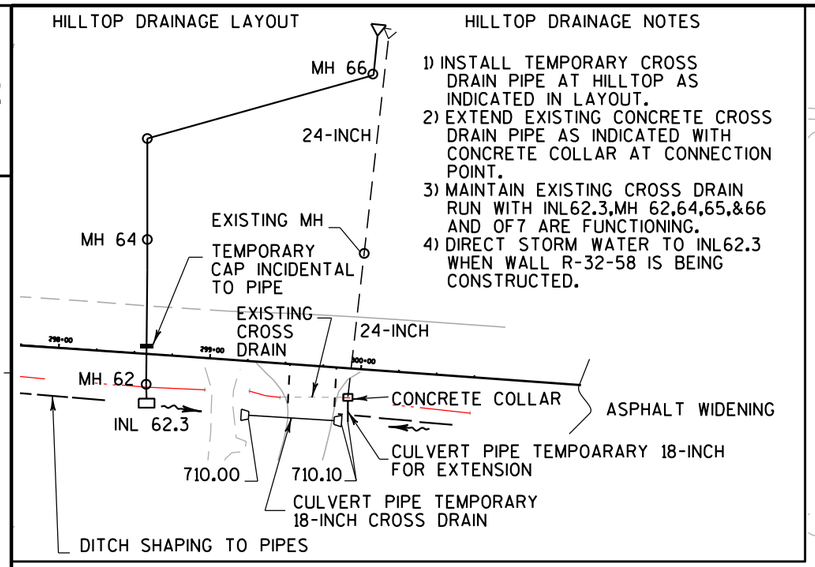
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026013_s1.dgn PLOT DATE : 28-JUL-2015 08:32 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

HILLTOP DRAINAGE LAYOUT

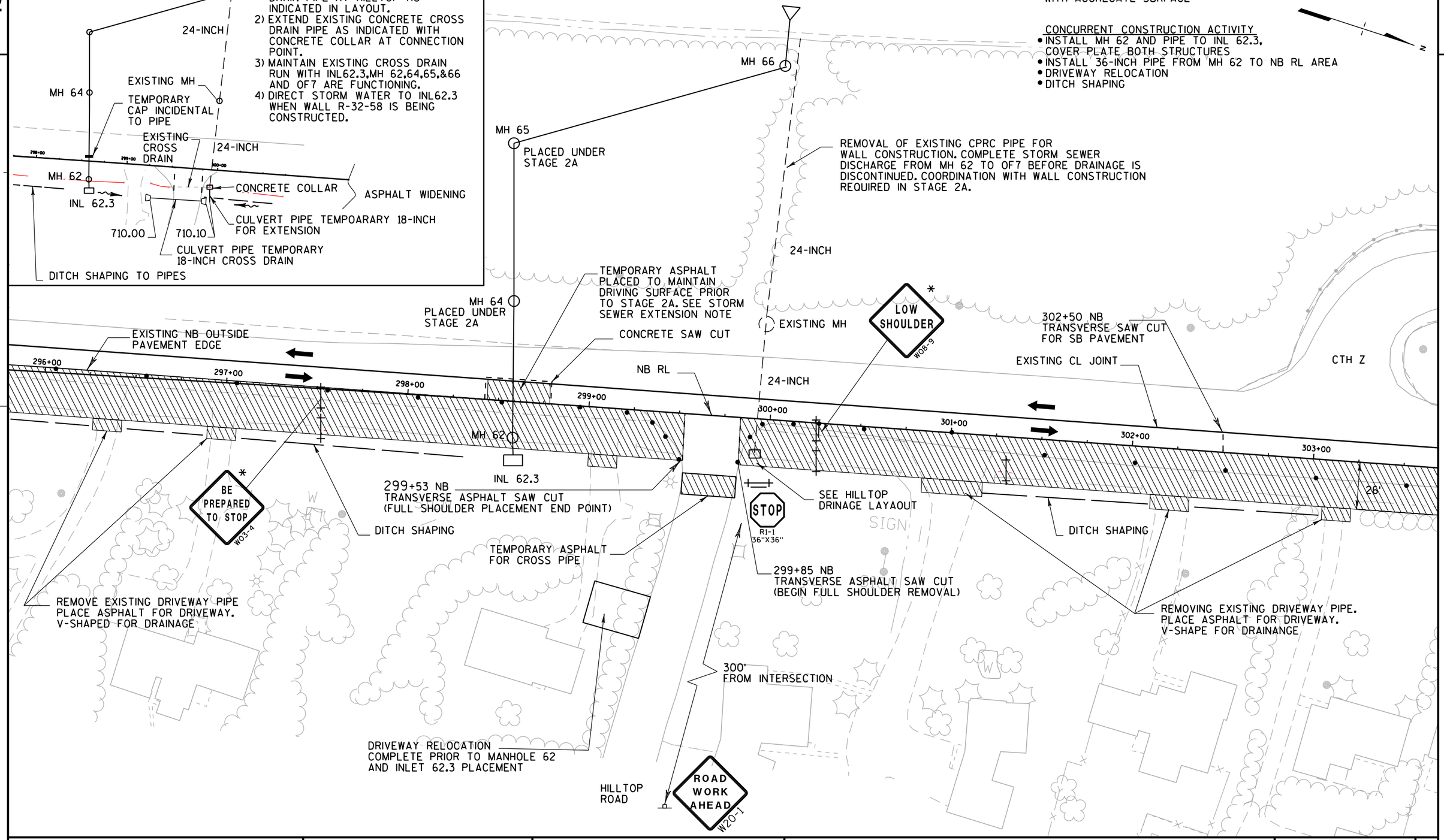


HILLTOP DRAINAGE NOTES

1) INSTALL TEMPORARY CROSS DRAIN PIPE AT HILLTOP AS INDICATED IN LAYOUT.
2) EXTEND EXISTING CONCRETE CROSS DRAIN PIPE AS INDICATED WITH CONCRETE COLLAR AT CONNECTION POINT.
3) MAINTAIN EXISTING CROSS DRAIN RUN WITH INL62.3,MH 62,64,65,&66 AND OF7 ARE FUNCTIONING.
4) DIRECT STORM WATER TO INL62.3 WHEN WALL R-32-58 IS BEING CONSTRUCTED.

STORM SEWER EXTENSION NOTE:
AREA OF EXISTING CONCRETE IS TO BE REPLACED WITH ASPHALT. DO NOT OPEN TO THROUGH TRAFFIC WITH AGGREGATE SURFACE

CONCURRENT CONSTRUCTION ACTIVITY
- INSTALL MH 62 AND PIPE TO INL 62.3, COVER PLATE BOTH STRUCTURES
- INSTALL 36-INCH PIPE FROM MH 62 TO NB RL AREA
- DRIVEWAY RELOCATION
- DITCH SHAPING



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2

PLACED APPROXIMATELY 700'
TO INTERSECTION WITH STH 35

ROAD WORK AHEAD W20-1

2

CTH Z

304+25 NB
TRANSVERSE SAW CUT
PAVEMENT AND SHOULDER

304+75.7 NB
LT 88'

305+45.7 NB
LT 88.5'

304+50.6 NB
LT 34'

305+45.7 NB
LT 34'

307+00 NB
TRANSVERSE SAW CUT
PAVEMENT AND SHOULDER

EXISTING CL

NB RL

EXISTING NB
OUTSIDE PAVEMENT EDGE

S.T.H. 35

303+00 304+00 305+00 306+00 307+00 308+00 309+00 310+00

26'

15'

DITCH SHAPING

REMOVE EXISTING
DRIVEWAY PIPE. PLACE ASPHALT
FOR DRIVEWAY. U-SHAPE FOR
DRAINAGE.

307+00.3 NB RT 26.8'
ASPHALT TAPER POINT

309+00.5 NB
RT 18.6'
ASPHALT TAPER POINT

W

A/C

WM

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026015_s1.dgn PLOT DATE : 28-JUL-2015 08:32 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

INL

N

NB RL

EXISTING CL JOINT

EXISTING PIPE
24-INCH RCCP

310+00
311+00
312+00
313+00
314+00
315+00
316+00
317+00

11'
15'
11'
15'

EXISTING NB
OUTSIDE PAVEMENT EDGE

313+10 NB
TRANSVERSE ASPHALT SAW CUT
(FULL SHOULDER PLACEMENT END POINT)

314+00 NB
TRANSVERSE ASPHALT SAW CUT
(BEGIN FULL SHOULDER REMOVAL)

MEDIUM RIP RAP AT PIPE
INTAKE SLOPE TO STABILIZE
PAVEMENT EDGE

POOL

W

A/C

ROAD
WORK
AHEAD
W20-1

PLACED APPROXIMATELY 200' FROM CURB
AND GUTTER END POINT

WEST VIEW
DRIVE

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WISDOT/CADDS SHEET 42

2

EXISTING NB
OUTSIDE PAVEMENT EDGE

EXISTING CL

NB RL

317+00
318+00
319+00
320+00
321+00
322+00
323+00
324+00

11'
15'

END SHOULDER TEMPORARY ASPHALT
323+75.7 NB LT 18.1', 34.8', 52'
SHOULDER TRANSVERSE ASPHALT SAW CUT

BEGIN SHOULDER TEMPORARY ASPHALT
322+25.7 NB LT 18.1', 28.1'
TRANSVERSE ASPHALT SAW CUT

323+98 NB
LT 40', 52'

12' LANE SEPERATE
FROM EXISTING SHOULDER

322+00.7 NB
TRANSVERSE CONCRETE
SAW CUT

DO NOT DISTURB
EXISTING CROSS
DRAIN PIPE

LOW
SHOULDER *
W8-9

STOP
R1-1
36"x36"

321+60.7 NB RT 18.9'
TRANSVERSE ASPHALT SAW CUT
END FULL SHOULDER PLACEMENT
CURB AND GUTTER REMOVAL ALSO

322+26.3 NB RT 23.4'
TRANSVERSE ASPHALT SAW CUT
FULL SHOULDER PLACEMENT WITH
CURB AND GUTTER REMOVAL

323+34.7 NB RT 30.9'
TRANSVERSE ASPHALT AND
CONCRETE PAVEMENT SAW CUT
END SHOULDER REPLACEMENT

ASPHALT
SAW CUT

12' LANE SEPERATE
FROM EXISTING SHOULDER

PLACED 200' FROM STH 35 INTERSECTION

ROAD
WORK
AHEAD
W20-1

CLOVERDALE

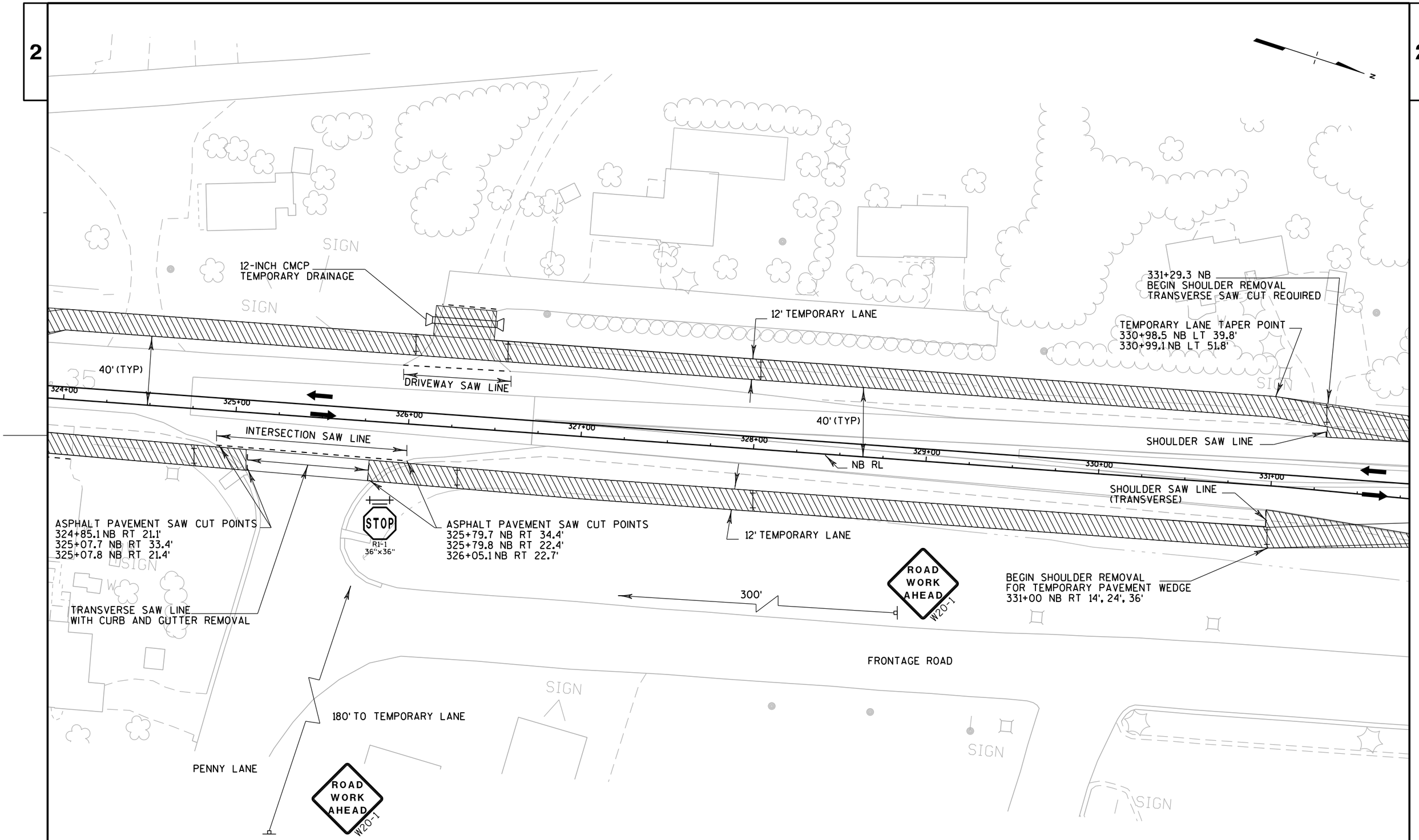
INL
POOL
SIGN
SIGN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026017_s1.dgn PLOT DATE : 28-JUL-2015 08:32 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

TEMPORARY LANE TAPER POINT
330+98.5 NB LT 39.8'
330+99.1 NB LT 51.8'

331+29.3 NB
BEGIN SHOULDER REMOVAL
TRANSVERSE SAW CUT REQUIRED

TEMPORARY LANE TAPER POINT
332+78.7 NB LT 42.2'
TRANSVERSE SAW CUT REQUIRED

LOW SHOULDER
W08-9

SHOULDER SAW LINE

ROAD WORK AHEAD
W20-1

150'

CTH OT

SIGNAL INTERSECTION

331+00 332+00 333+00 334+00 335+00 336+00 337+00 338+00

SHOULDER SAW LINE
(TRANSVERSE)

BEGIN SHOULDER REMOVAL
FOR TEMPORARY PAVEMENT WEDGE
331+00 NB RT 14', 24', 36'

TEMPORARY LANE TAPER POINT
332+11.8 NB RT 25.2'
TRANSVERSE SAW CUT REQUIRED

200'

ROAD WORK AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

2

341+36 NB LT 43.1, 46.1'
TEMPORARY LANE TAPER POINT
TRANSVERSE SAW CUT REQUIRED
(ASPHALT SHOULDER) BEGIN
SHOULDER REMOVAL

342+50 NB LT 30',36',48'
TEMPORARY LANE TAPER POINT
END SHOULDER REMOVAL
TRANSVERSE SAW CUT REQUIRED

345+00 NB
END PARALLEL 12'
TEMPORARY ASPHALT LANE

TEMPORARY 12' ASPHALT LANE
IS PLACED NEXT TO AND PARALLEL
TO EXISTING ASPHALT SHOULDER

SIGN
SIGN
SIGN

MH
MH
MH

338+00
339+00
340+00
341+00
342+00
343+00
344+00
345+00

12'
12'

NB RL

340+00 NB RT 14',20'
TEMPORARY LANE TAPER POINT
TRANSVERSE SAW CUT REQUIRED (ASPHALT SHOULDER)
BEGIN SHOULDER REMOVAL

342+50.9 NB LT 14',20',32'
TEMPORARY LANE TAPER POINTS
END SHOULDER REMOVAL
TRANSVERSE SAW CUT REQUIRED
(ASPHALT SHOULDER)

TEMPORARY 12' ASPHALT LANE IS
PLACED NEXT TO AND PARALELL
TO EXISTING ASPHALT SHOULDER

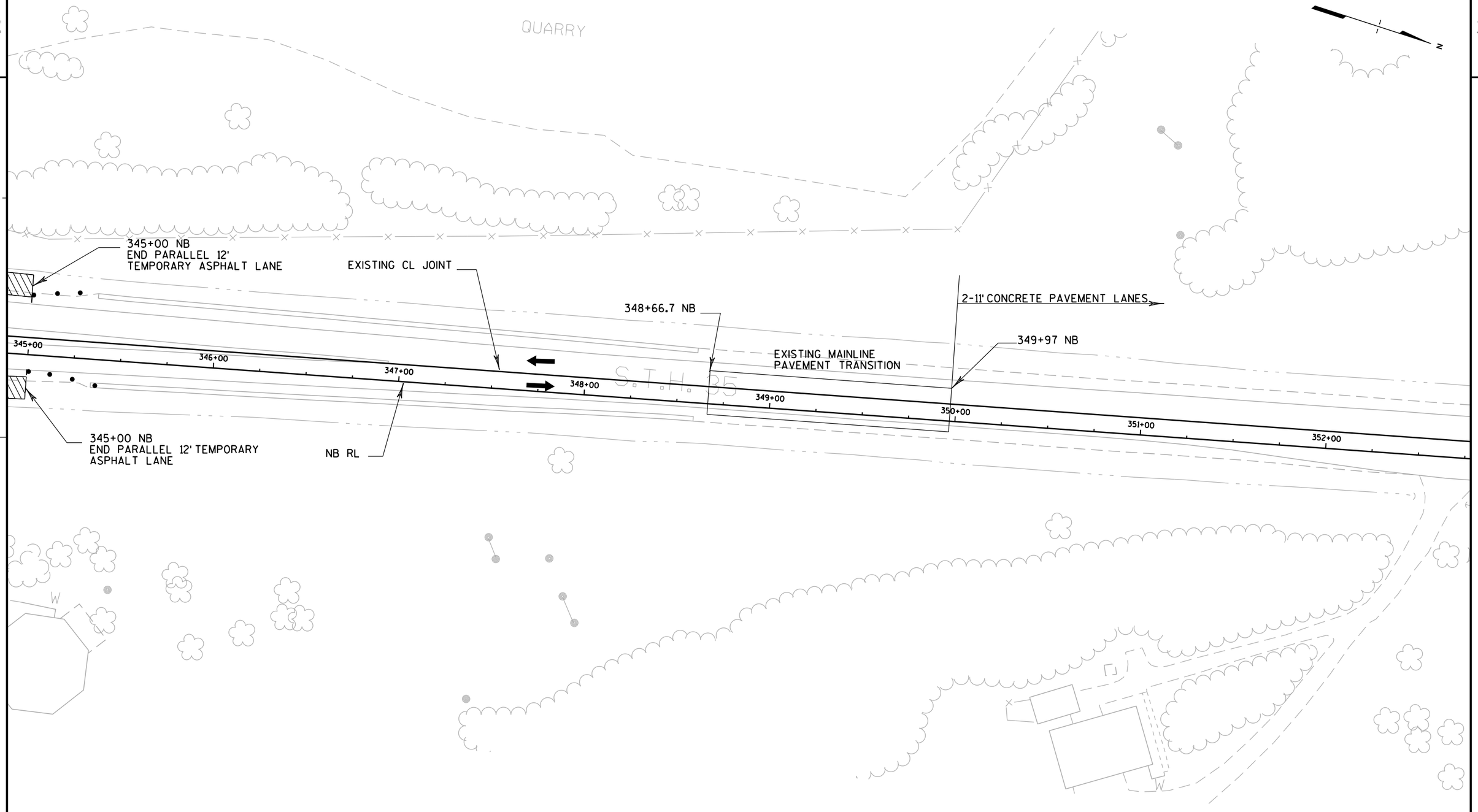
345+00 NB
END PARALLEL 12' TEMPORARY
ASPHALT LANE

LOW SHOULDER W08-9 *

LOW SHOULDER W08-9 *

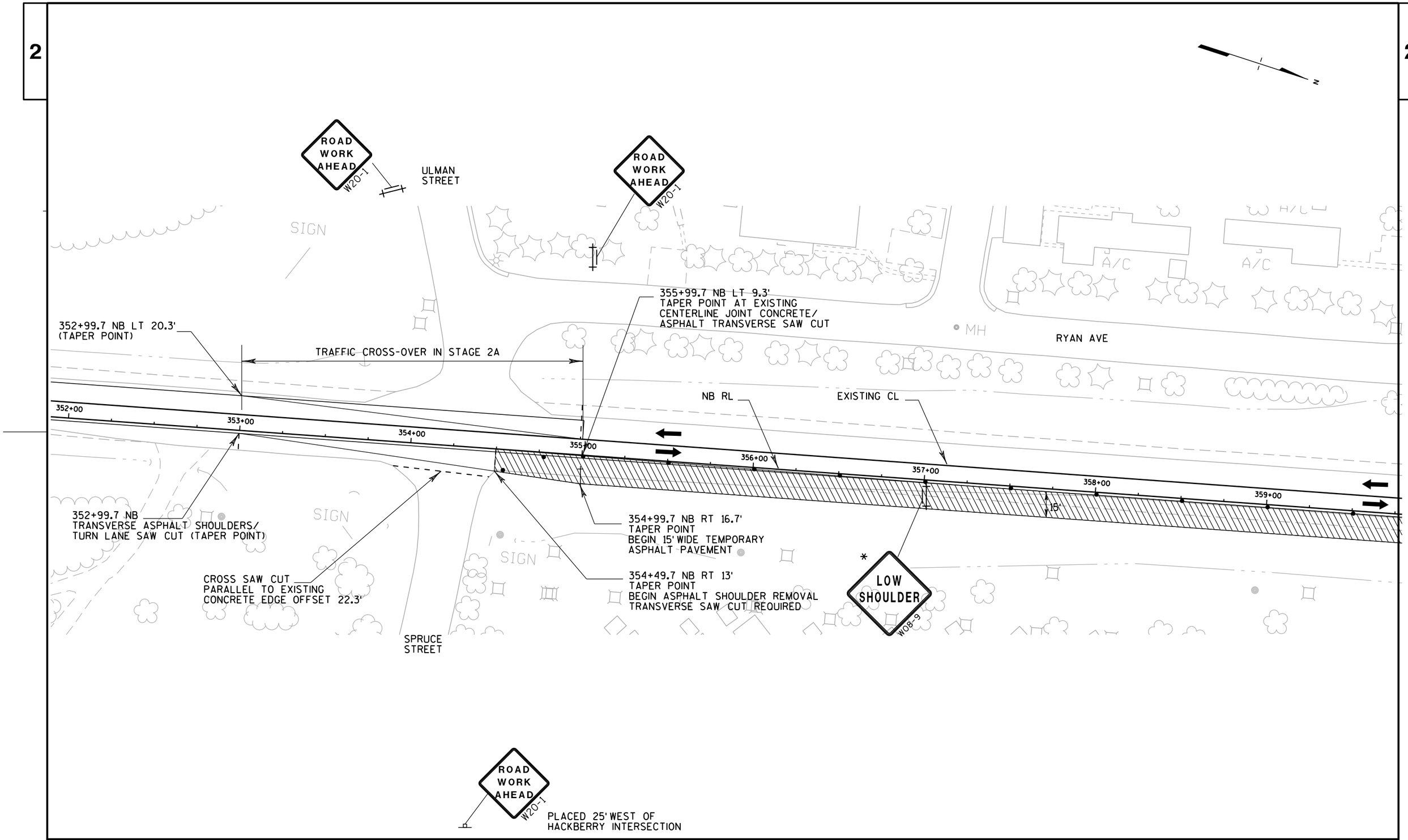
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2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

SCOTT
DRIVE

RYAN AVE

ROAD
WORK
AHEAD
W20-1

NB RL

EXISTING C/L

359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

15'

5'

10'

CONCRETE SAW CUT
363+99.7 NB LT 9.3', 14.3'
OFFSET 5' FROM EXISTING CENTERLINE
FULL TRANSVERSE SAW CUT FOR EXISTING
SB PAVEMENT ALSO

365+49.73 NB LT 14.3'
TAPER POINT IN STAGE 2A

364+89.74 NB
END TEMPORARY ASPHALT
SAW CUT AT END POINT

CROSS ASPHALT SAW CUT
364+89.74 NB RT 16.7'
TO 365+46.7 NB RT 11.7'

365+46.7 NB
BEGIN FULL SHOULDER
REMOVAL

120'

ROAD
WORK
AHEAD
W20-1

HACKBERRY

SPRING
LANE

A/C W MH INL SIGN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

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2

2

CONCRETE SAW CUT
363+99.7 NB TO 370+99.7 NB
OFFSET 5'LT FROM EXISTING C/L JOINT

369+74.7 LT 14.3'
TAPER POINT IN STAGE 2A

END CONCRETE SAW CUT
370+99.7 NB LT 9.3'LT 14.3'
FULL TRANSVERSE SAW CUT FOR
EXISTING SB PAVEMENT ALSO

370+99.7 NB LT 9.3'
TAPER POINT IN STAGE 2A

EXISTING C/L

NB RL

367+00 368+00 369+00 370+00 371+00 372+00 373+00

15'

ROAD WORK AHEAD W20-1

EVERGREEN WAY

200'

S.T.H. 35

LOW SHOULDER W08-9

*

369+74.7 NB
END FULL SHOULDER REMOVAL

CROSS ASPHALT SAW CUT
369+74.7 NB RT 11.7'
TO 370+84.7 NB RT 16.7'

370+84.7 NB
BEGIN FULL SHOULDER REMOVAL

WALDEN

ROAD WORK AHEAD W20-1

ADVANCE TRAFFIC CONTROL SIGN "ROAD WORK AHEAD"
FOR WALDEN PLACE AND NORTH COURT.

WALDEN - PLACE 125' BEYOND (EAST) NORTHCOURT INTERSECTION

NORTH COURT - PLACE 150' NORTH OF WALDEN INTERSECTION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

2

SIGN

SIGN

EXISTING C/L

T.H. 35

374+00

375+00

376+00

377+00

378+00

379+00

380+00

15'

NB RL

CANOPY

CONCRETE SAW CUT
FOR DRIVEWAY

MAINTAIN EXISTING DRIVEWAY
CROSS DRAIN

MH

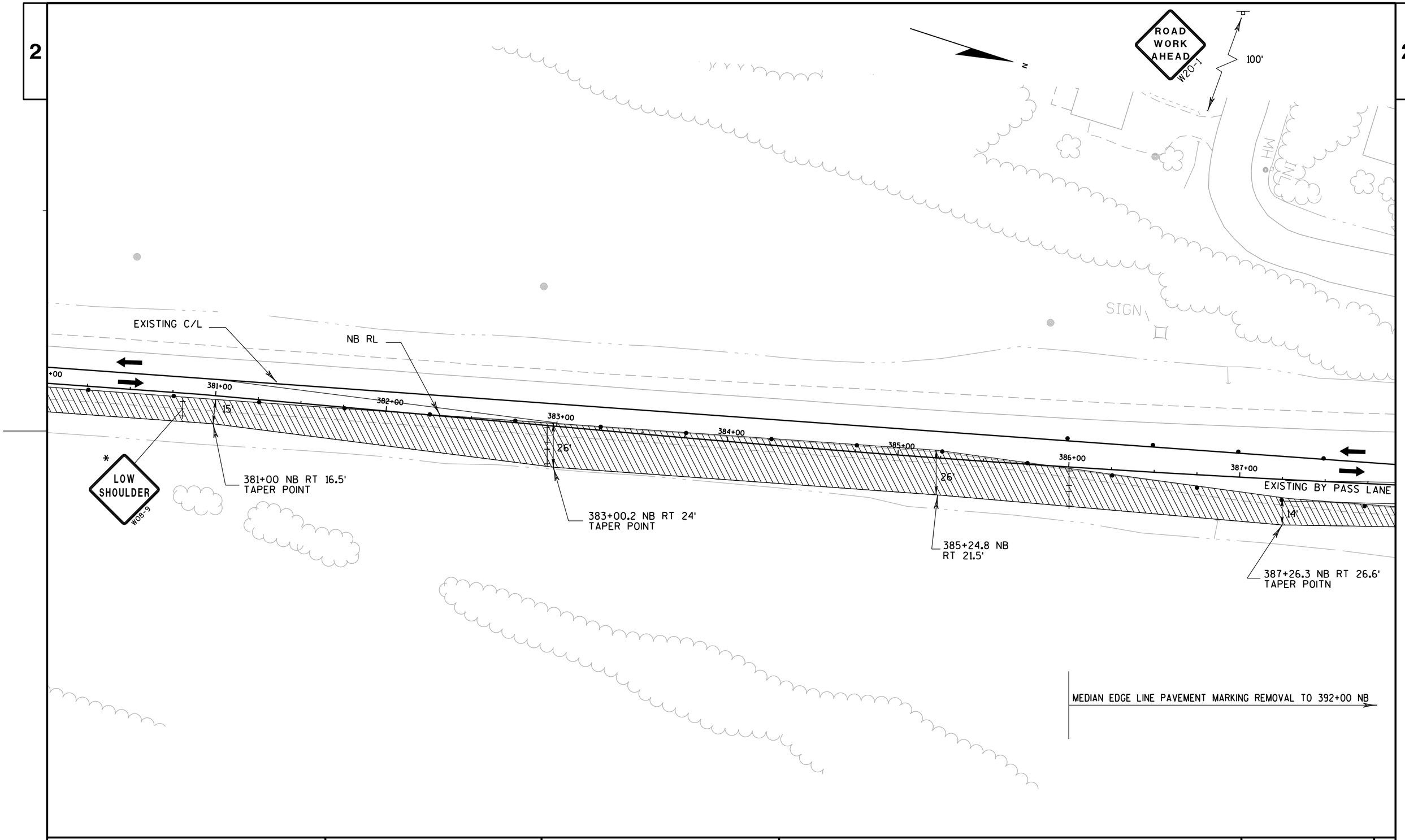
SIGN

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

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WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

ROAD WORK AHEAD
W20-1

CTH OT
(NORTH)

N

200'

MH

INL

388+00
389+00
390+00
391+00
392+00
393+00
394+00

STH 35

14'

EXISTING BY PASS LANE

387+26.3 NB RT 26.6'
TAPER POINT

389+76 NB RT 20.7'
TAPER POINT
END TEMPORARY PAVEMENT

R4-7
24" X 30"

SIGN

MEDIAN/EDGELINE REMOVAL TO 386+00 NB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

2

2

REPLACE EXISTING SIGN

SPEED LIMIT 45

R2-1
24" X 30"

USH 53
INTERCHANGE

ROAD WORK AHEAD
W20-1

120'

I SIGN

+00 395+00 396+00 397+00 398+00

00 395+00 396+00 397+00 398+00 399+00 400+00

INL

S.T.H. 35

END ROAD WORK
G20-2A
48" X 24"

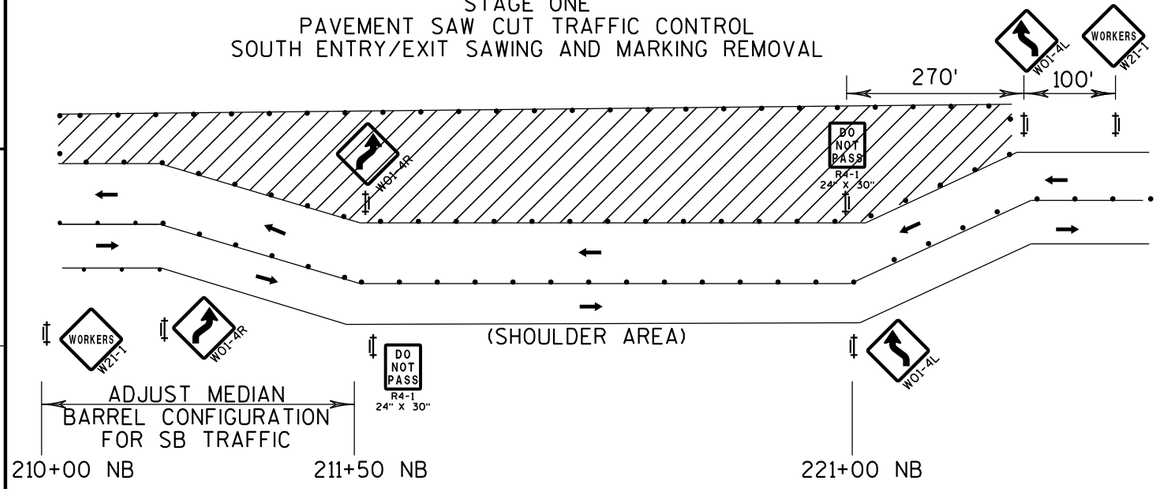
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE	SHEET	E

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WISDOT/CADDS SHEET 42

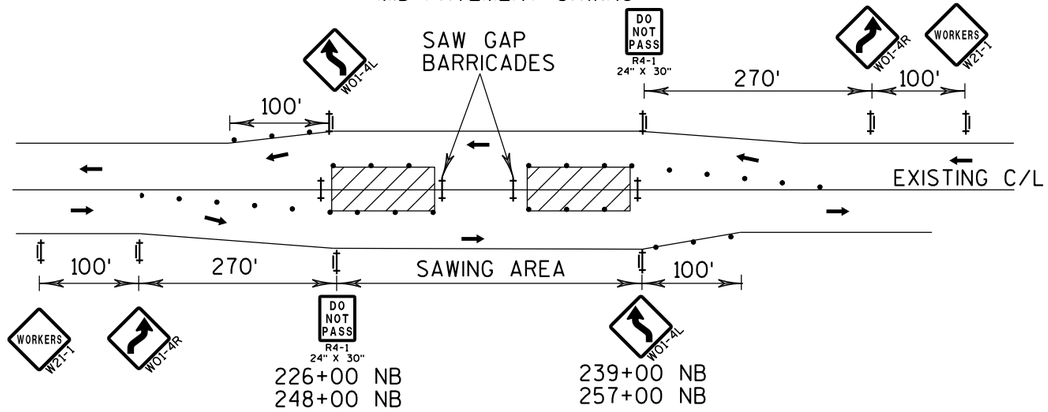
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STAGE ONE
PAVEMENT SAW CUT TRAFFIC CONTROL
SOUTH ENTRY/EXIT SAWING AND MARKING REMOVAL



- MAINTAIN 50' BARREL SPACING.
- TRAFFIC TO UTILIZE SHOULDER AREA AS DRIVING LANE. MAINTAIN 12' LANES IN WORK AREA.
- MEDIAN BARREL ADJUSTMENT REQUIRED IN ORDER TO CONTINUE SAW CUT THROUGH SB LANE OF TRAVEL.

STAGE ONE
PAVEMENT SAW CUT TRAFFIC CONTROL
MID-PAVEMENT SAWING



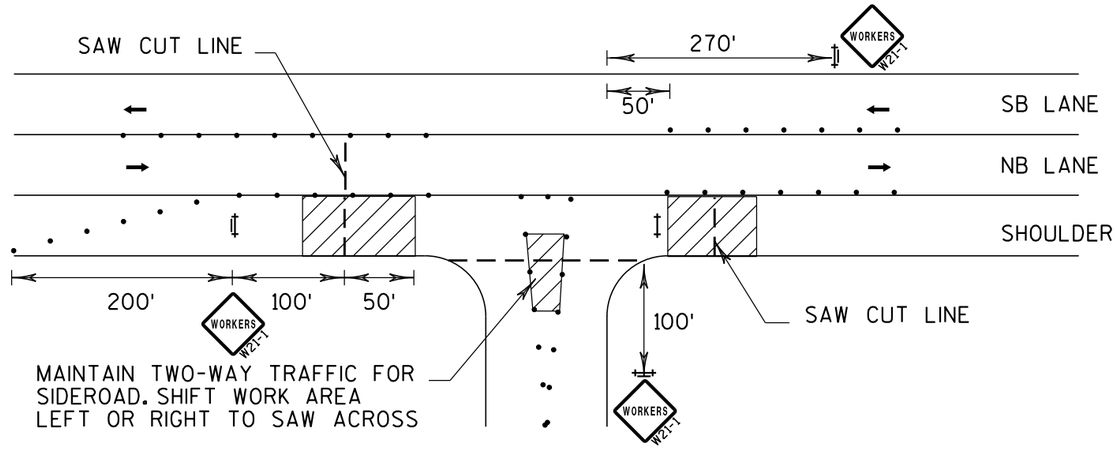
- MAINTAIN SAW GAP BARRICADES AT DRIVEWAY AND SIDE ROADS. SHIFT TO ALLOW SAWING THROUGH/PAST ACCESS POINT.
- MAINTAIN 50' BARREL SPACING.
- TRAFFIC TO UTILIZE SHOULDER AND PARTIAL SECTION OF THROUGH LANE. MAINTAIN 12' LANES THROUGH WORK AREA.
- WORK ZONE SAW AREA IS LIMITED TO 10 FEET IN WIDTH IN ORDER TO MAINTAIN TRAFFIC.

STAGE ONE PAVEMENT SAW CUT TRAFFIC CONTROL NOTES (FOR MARKING REMOVALS ALSO)

1) ALL ACTIVITY WILL REQUIRE 12' THROUGH LANES THROUGH WORK AREA IF NOT NOTED
2) TRIANGLE SHAPED ASPHALT SAW CUT AREA TO MAINTAIN EXISTING PAVEMENT FOR LANE USAGE
3) SAW CUT AREA NOTED ON SHEETS. SAW CUTS ARE REFERENCED ALONG THE NB REFERENCE LINE

STAGE ONE
PAVEMENT SAW CUT TRAFFIC CONTROL
INTERSECTION AND MAINLINE TRANSVERSE AND LONGITUDINAL

FIRST PART-SHOULDER/INTERSECTION



SECOND PART-MAINLINE PAVEMENT

- TWO PART PROCESS TO MAINTAIN TRAFFIC WITH SHOULDER SAWING SEPARATE FROM MAINLINE PAVEMENT SAWING.
- EAST SIDE INDICATED ON WORK ZONE LAYOUT. APPLY SAME OPERATION TO WESTERN SIDE (OPPOSITE) SIDE OF STH 35.

INTERSECTION LOCATIONS

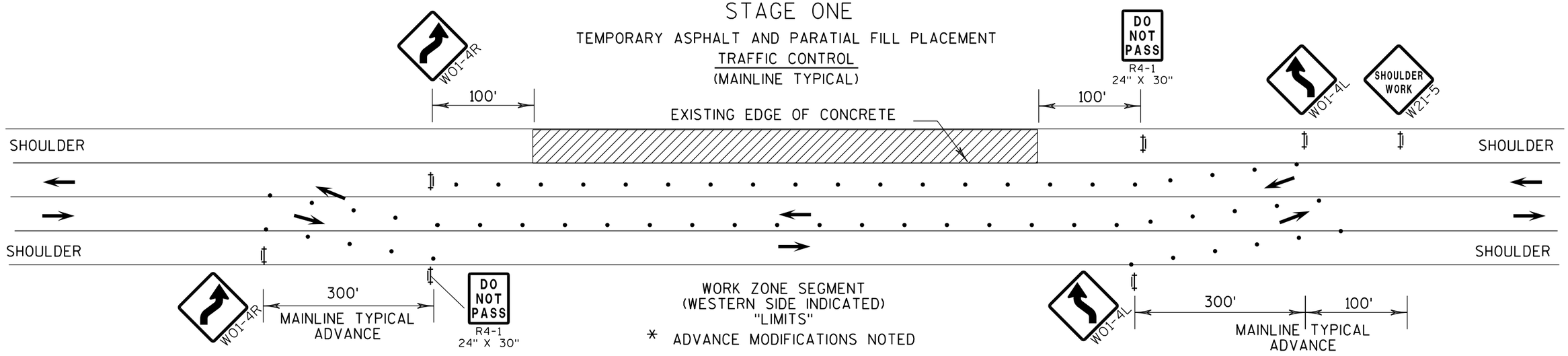
KRAMER/SUNSET VISTA
RIDERS CLUB
MASON
HILLTOP CTH 'Z'
WEST VIEW
CLOVERDALE
PENNY LANE
CTH OT (SIGNALS)

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE ONE-SAW CUTS	SHEET	E

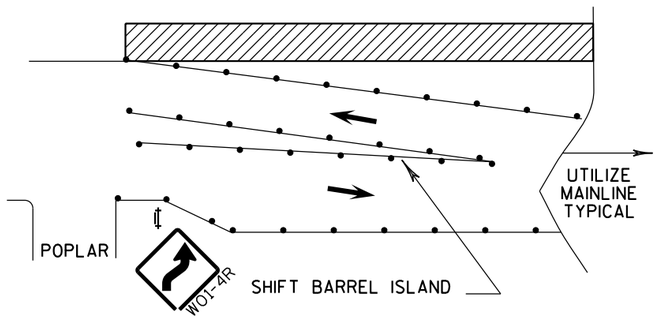
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STAGE ONE

TEMPORARY ASPHALT AND PARATIAL FILL PLACEMENT
TRAFFIC CONTROL
(MAINLINE TYPICAL)



* ADVANCE TRAFFIC CONTROL MODIFICATIONS (SOUTH PROJECT END)

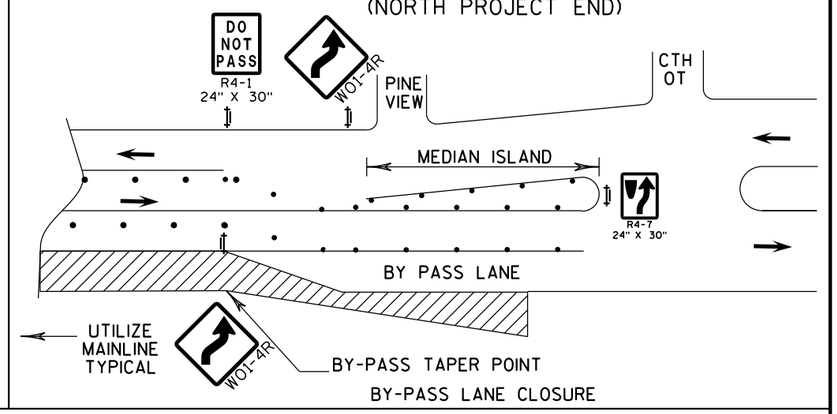


PROPOSED WORK ZONE LIMITS FOR SHOULDER PREPARATION AND PAVING

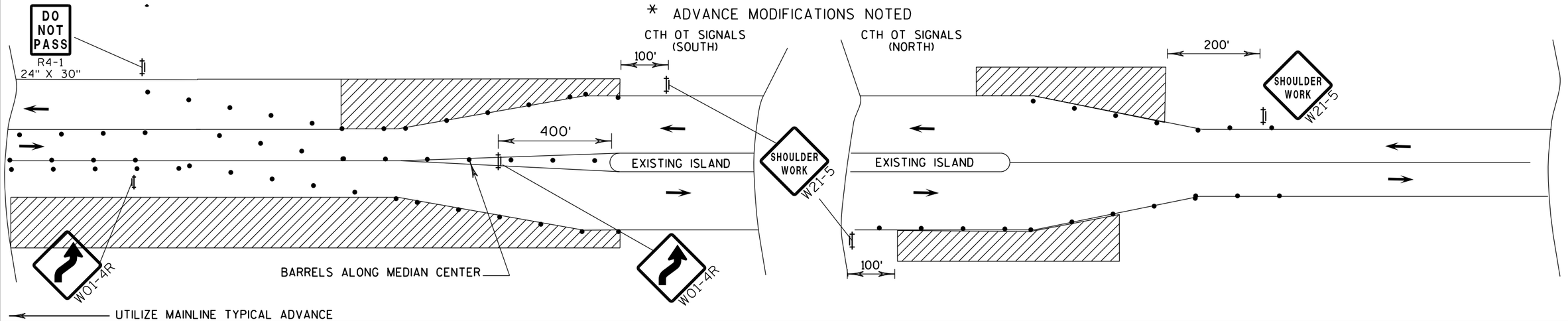
210+25 NB TO 257+50 NB
256+75 NB TO 257+75 NB
258+25 NB TO 276+00 NB
276+77 NB TO 286+95 NB
287+60 NB TO 313+10 NB
314+00 NB TO 333+00 NB
340+00 NB TO 345+00 NB
354+50 NB TO 364+75 NB
371+00 NB TO 389+76 NB

BARREL SPACING IS TYPICALLY 50'

* ADVANCE TRAFFIC CONTROL MODIFICATIONS (NORTH PROJECT END)



* ADVANCE MODIFICATIONS NOTED

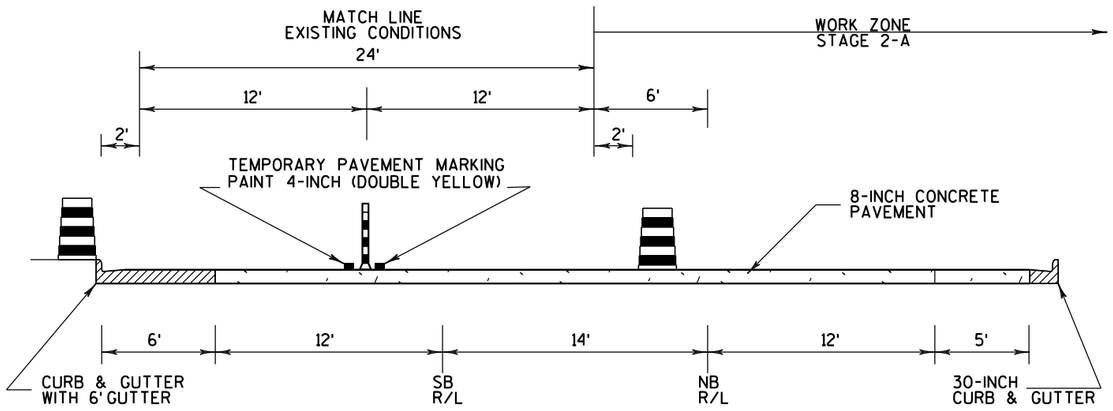


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	STAGE ONE-TEMP. ASPHALT PLACEMENT/SHOULDER REMOVAL T.C.	SHEET	E

2

WORK ZONE TYPICAL SECTION STAGE 2-A

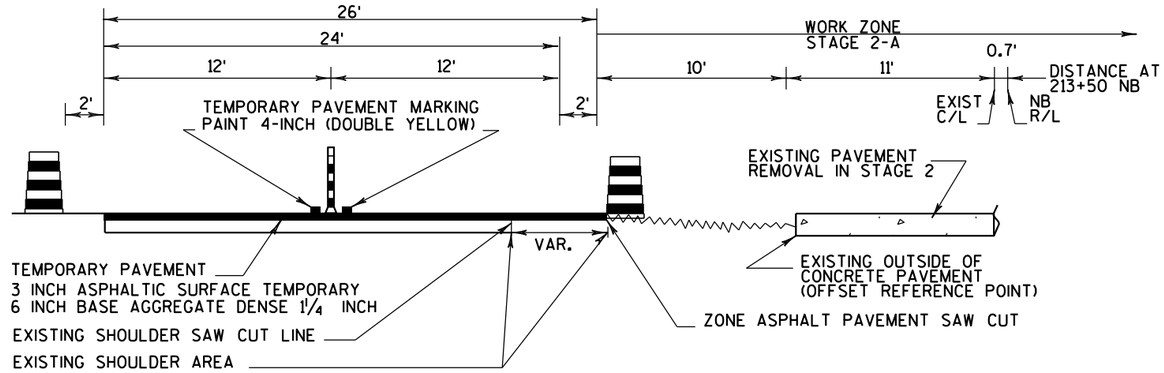
210+35 NB



STAGE TWO ENTRY CONDITIONS AT MATCH PAVEMENT

WORK ZONE TYPICAL SECTION STAGE 2-A

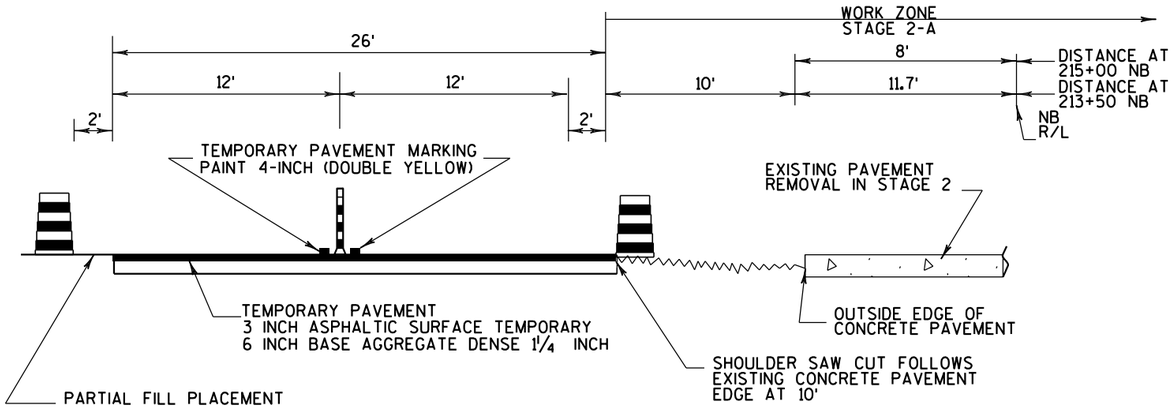
210+35 NB TO 213+50 NB
TRAFFIC TRANSITION -WEST SHIFT



- ZONE ASPHALT PAVEMENT SAW CUT LINE FROM 210+35 NB LT 4' (MATCH CONCRETE) TO 213+50 NB LT 21.7'
- EXISTING SHOULDER SAW LINE EDGE FROM 210+35 NB LT 32' TO 213+50 NB LT 23.7'
- TEMPORARY PAVEMENT IS TRIANGULAR IN SHAPE. L=315' BASE WIDTH=26'
- REMOVE/SALVAGE INLET COVER AND PLACE COVER PLATE ON INLET 210+63 NB LT 47'

WORK ZONE TYPICAL SECTION STAGE 2-A

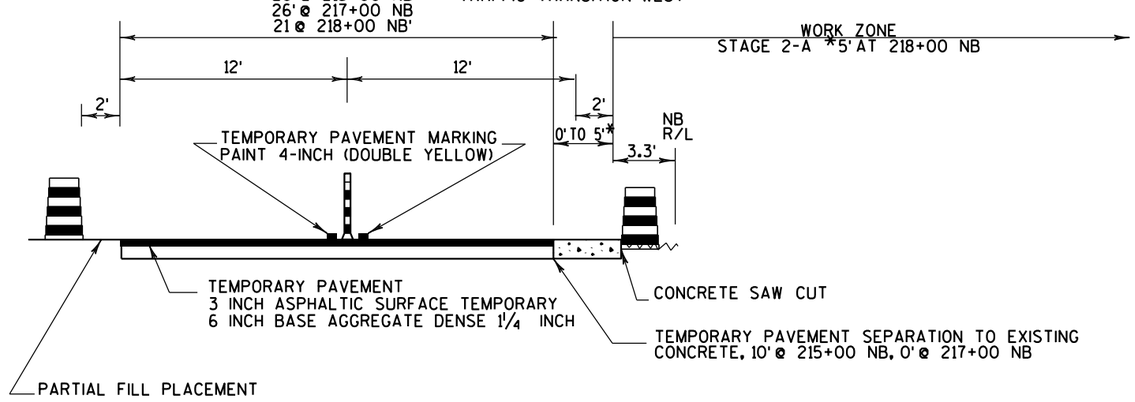
213+50 NB TO 215+00 NB
TRAFFIC TRANSITION -WEST



- UNIFORM SAW CUT OFFSET 10' FROM WESTERN EDGE OF EXISTING CONCRETE PAVEMENT TO EXISTING SHOULDER SAW CUT IS WESTERN EDGE WORK ZONE.
- PARTIAL FILL PLACEMENT. TEMPORARY SUBGRADE ELEVATION IS 8 INCHES BELOW EXISTING OUTSIDE EDGE OF PAVEMENT ELEVATION TO OUTSIDE EDGE OF TEMPORARY PAVEMENT.

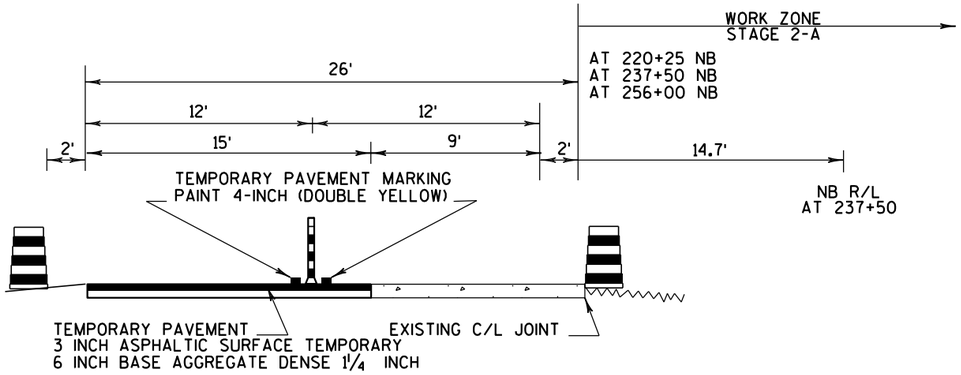
WORK ZONE TYPICAL SECTION STAGE 2-A

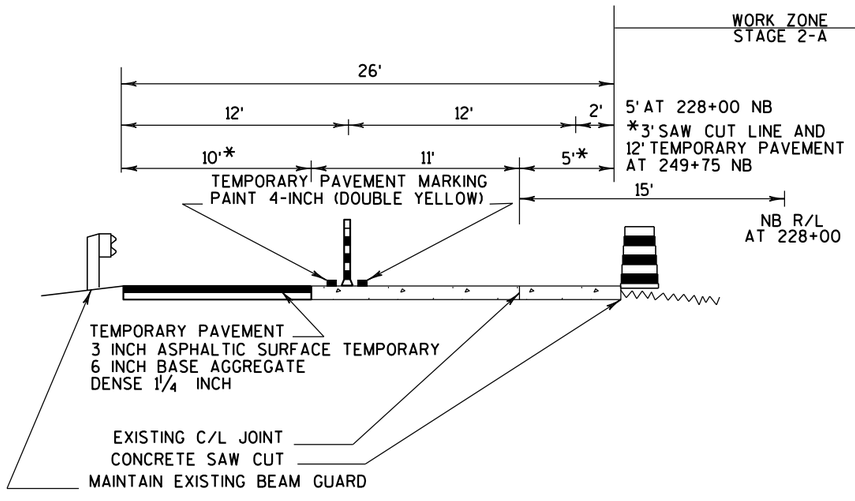
215+00 NB TO 220+25 NB
TRAFFIC TRANSITION-WEST



- BEGIN CONCRETE PAVEMENT SAW CUT FROM 216+50 NB TO 219+00 NB OFFSET 5' FROM EXISTING OUTSIDE CONCRETE EDGE (SB)
- SECOND CONCRETE SAW CUT FROM 219+00 NB TO 220+25 NB. ANGLE SAW CUT FROM 5' OFFSET TO EXISTING CENTERLINE JOINT
- SHOULDER ASPHALT SAW CUT FROM 215+00 NB OFFSET 10' FROM EXISTING PAVEMENT TO 216+50 NB EXISTING OUTSIDE EDGE OF CONCRETE PAVEMENT (SB) WESTERN EDGE OF WORK ZONE. SHOULDER MATERIAL REMOVED EAST OF SAW LINE FOR TEMPORARY PAVEMENT PLACEMENT IN STAGE ONE
- PARTIAL TEMPORARY FILL IS PLACED. FILL IS REQUIRED FOR TEMPORARY ROADWAY AND STORM SEWER
- TEMPORARY SUBGRADE ELEVATION IS 8-INCHES BELOW EXISTING OUTSIDE EDGE OF PAVEMENT ELEVATION TO OUTSIDE EDGE OF TEMPORARY ASPHALT PAVEMENT.
- MANHOLE 3 PLACEMENT AND PIPE CONNECTION WITH MANHOLE RECONSTRUCTION OF MH4 REQUIRED BEFORE TEMPORARY ASPHALT PAVEMENT. INLETS 3.5, 3.4 AND 4.1 PLACEMENT IS REQUIRED .TEMPORARY COVER PLATE REQUIRED IN TEMPORARY ROADWAY AREA.
- OUTSIDE EDGE OF TEMPORARY ASPHALT LIMITS ARE 215+00 NB LT 44', 218+00 NB LT 29.3', 219+00 NB LT 31.5' AND 220+25 NB LT 28.6' (15' OFFSET FROM EXISTING CONCRETE PAVEMENT)

WORK ZONE TYPICAL SECTION
STAGE 2-A
220+25 NB TO 257+50 NB
TRAFFIC TRANSITION - WEST

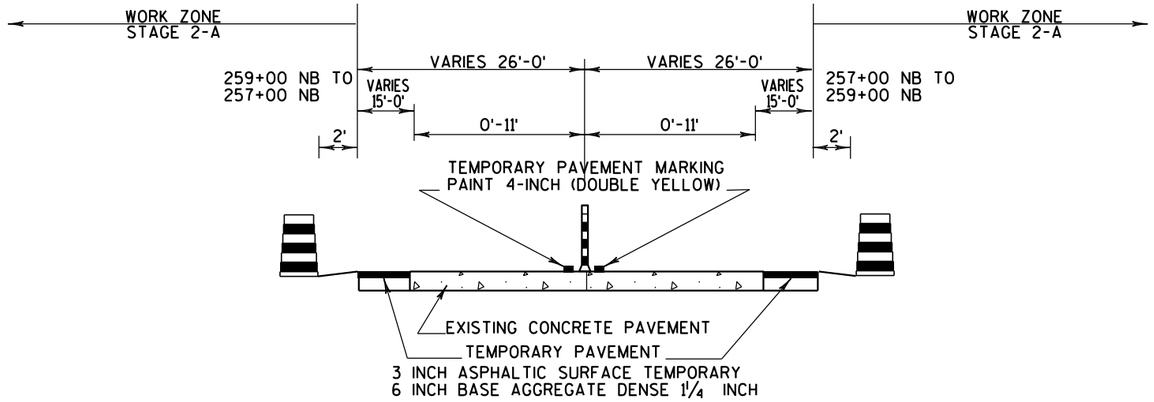


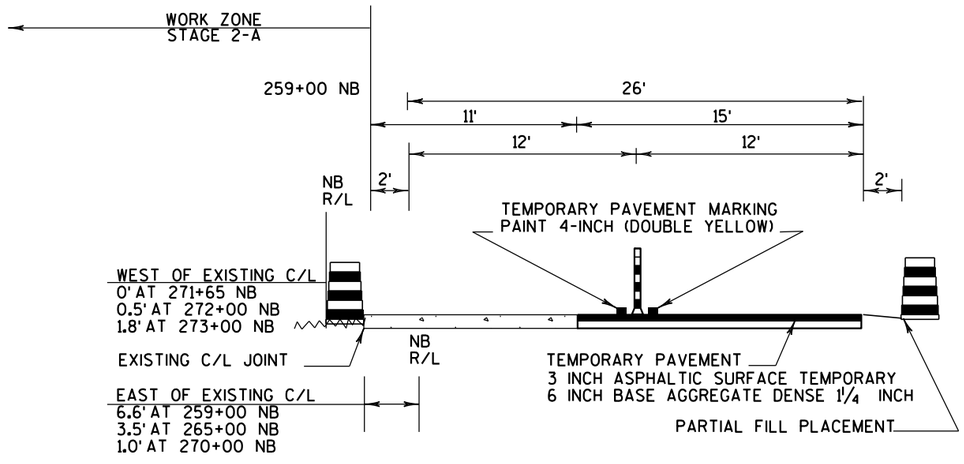


- REMOVAL OF EXISTING SB SHOULDER FROM 220+25 NB TO 257+50 NB
- CONCRETE SAW CUT FROM 227+00 NB TO 237+50 NB. SAW CUT IS OFFSET 5' EAST OF EXISTING CENTERTLINE JOINT. CONCRETE SAWCUT FROM 248+75 NB TO 256+00 NB SAWCUT IS OFFSET 3' EAST OF EXISTING CENTERLINE JOINT.
- FOUR TRANSITIONS FOR TEMPORARY ASPHALT PAVEMENT WIDTHS ARE:
  227+00 NB @15' TO 228+00 NB @10';
  236+00 NB @10' TO 237+50 NB @15';
  248+75 NB @15' TO 249+75 NB @12';
  254+75 NB @12' TO 256+00 NB @15'
- DIMENSIONS AND OFFSETS ARE FOR REMOVAL OF THE SB SHOULDER.

WORK ZONE TYPICAL SECTION
STAGE 2-A

257+50 NB TO 276+00
TRAFFIC TRANSITION - EAST SHIFT

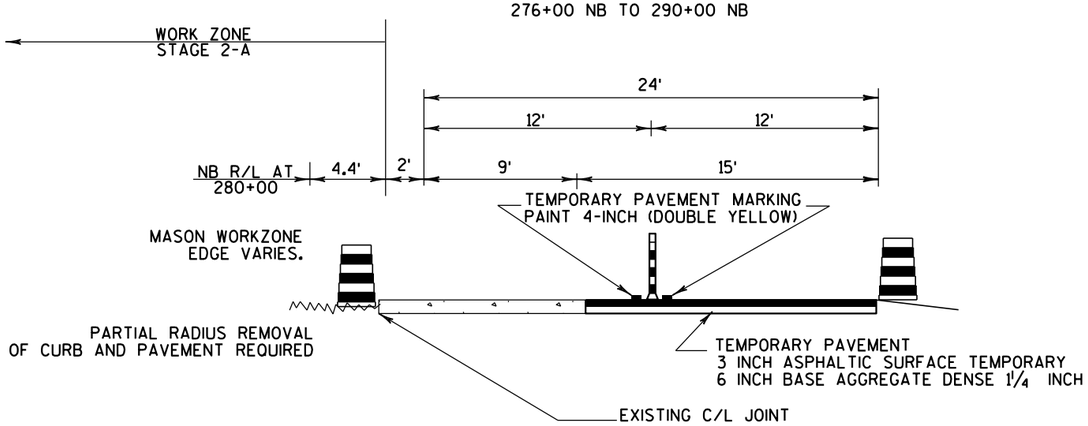




- DIAGONAL ASPHALT SAW CUTS CROSS OVER TRANSITION TO MARK WORK ZONE EDGES. 257+50 NB LT 33.3' TO 259+00 NB LT 17.6' (SB CONCRETE EDGE) AND 257+00 NB RT 14.7' TO 258+25 NB RT 19'
- PARTIAL FILL PLACEMENT FROM 258+00 NB TO 270+00 NB RIGHT
- FULL SHOULDER REMOVAL FROM 258+25 NB RT (NB SHOULDER) TO 275+75 NB RT (RIDERS CLUB ROAD INTERSECTION)

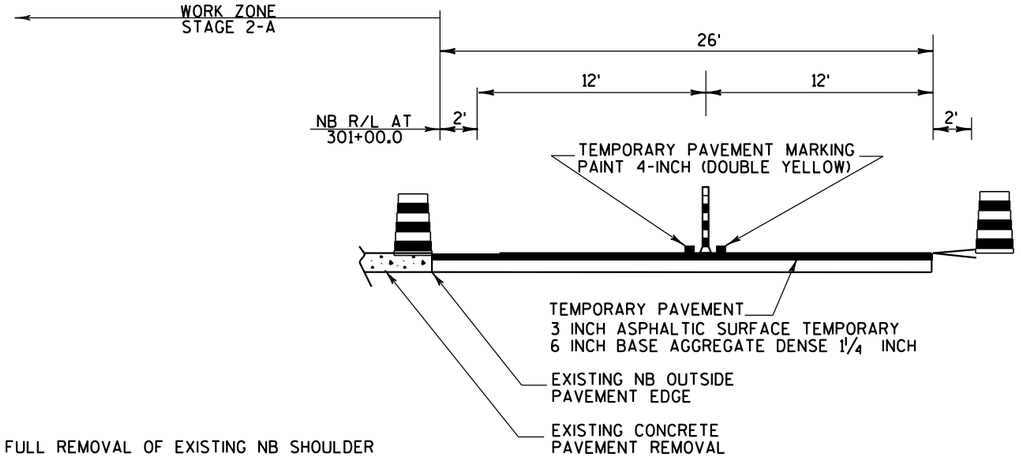
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WORK ZONE TYPICAL SECTION
STAGE 2-A
276+00 NB TO 290+00 NB



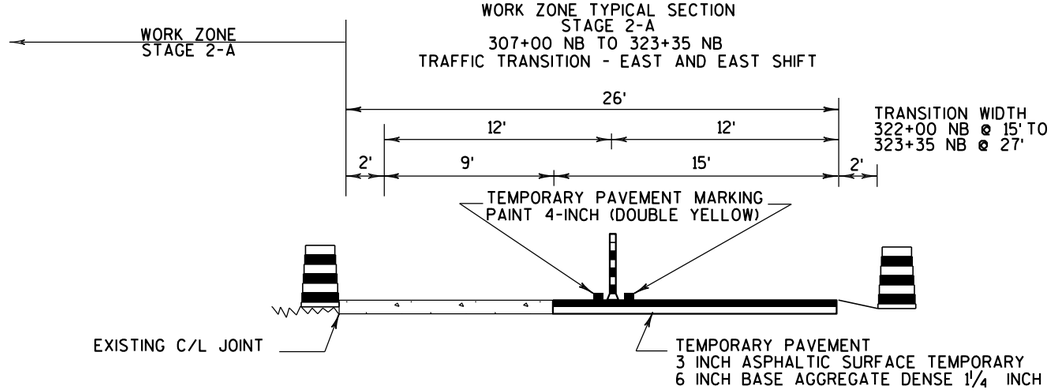
- REMOVAL OF EXISTING NB SHOULDER FROM 277+00 NB TO 286+50 NB
- PLACEMENT OF 15' WIDE TEMPORARY ASPHALT ALONG EXISITING NB CONCRETE PAVEMENT
- RIDERS CLUB ROAD INTERSECTION PAVEMENT ASPHALT SAW CUTS TO DELINEATE EASTERN WORK ZONE OR 26' WIDTH FOR LANES. UTILIZE NB 11' CONCRETE SECTION AND SAW A PARALLEL ASPHALT SAW CUT OFFSET 15' FROM EXISTING OUTSIDE EDGE OF PAVEMENT. PARTIAL REMOVAL OF EXISTING CURB AND GUTTER REQUIRED WITHIN TEMPORARY ASPHALT LANES.
- MAINTAIN EXISTING NB CONCRETE PAVEMENT 286+10 NB FOR TEMPORARY ROADWAY.
- ASPHALT SAW CUT LIMITS TO DELINEATE WESTERN EDGE OF WORK ZONE AT MASON. BEGIN AT 286+11.3 NB RT 13.6' (EXISTING NB CONCRETE PAVEMENT EDGE) TO 286+87.6 NB LT 4.5', CONTINUE TO 288+45.7 NB LT 19.3' THEN TURN CUT TO EXISTING NB CONCRETE EDGE.
- PLACE 26' WIDE TEMPORARY ASPHALT PAVEMENT FROM 286+10 NB TO 286+87.6 NB (MASON) AND FROM 287+55 NB TO 290+19 (EXISTING NB PAVEMENT EDGE.) SURFACE BETWEEN 26' PLACEMENT IS EXISTING INTERSECTION PAVEMENT FOR TEMPORARY LANES.

WORK ZONE TYPICAL SECTION
STAGE 2-A
290+00 NB TO 307+00 NB



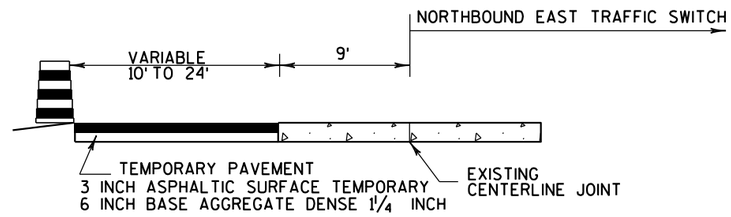
- FULL REMOVAL OF EXISTING NB SHOULDER
- 26' WIDE TEMPORARY ASPHALT PAVEMENT PLACED ALONG NB OUTSIDE PAVEMENT EDGE

WORK ZONE TYPICAL SECTION
STAGE 2-A
307+00 NB TO 323+35 NB
TRAFFIC TRANSITION - EAST AND EAST SHIFT



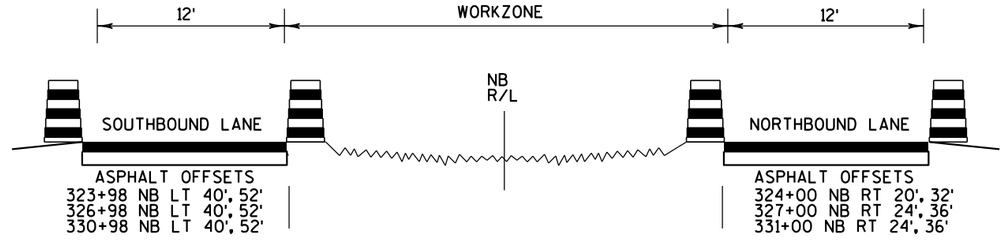
- REMOVAL OF EXISTING NB SHOULDER
- TRANSITION TAPER FOR TEMPORARY PAVEMENT FROM 307+00 NB RT 26.8' (26' OFFSET FROM EXISTING NB PAVEMENT) TO 309+00 NB RT 18.6' (15' OFFSET FROM EXISTING NB PAVEMENT)
- NB TRAFFIC TRANSITION TO 12' LANE AT 323+35 NB FROM 322+00 NB RT 18.9' (15' OFFSET FROM EXISTING NB PAVEMENT) TO 323+35 NB RT 30.9' (27' OFFSET FROM EXISTING NB PAVEMENT)

WORK ZONE TYPICAL SECTION
STAGE 2-A
322+25 NB TO 323+51 NB
TRAFFIC TRANSITION - WEST SHIFT



- REMOVAL OF SOUTHBOUND SHOULDER
- TRANSITION TEMPORARY PAVEMENT TAPER FROM 322+25 NB LT 28.1' (10' OFFSET FROM EXISTING SB SHOULDER) TO 323+51 NB LT 42.1' (24' OFFSET FROM EXISTING SB SHOULDER)
- FROM 323+51 NB TRANSITION TRAFFIC TO 12' LANE

WORK ZONE TYPICAL SECTION
STAGE 2-A
323+35 NB TO 333+00 NB
TRAFFIC SEPARATION - NB AND SB TRAFFIC

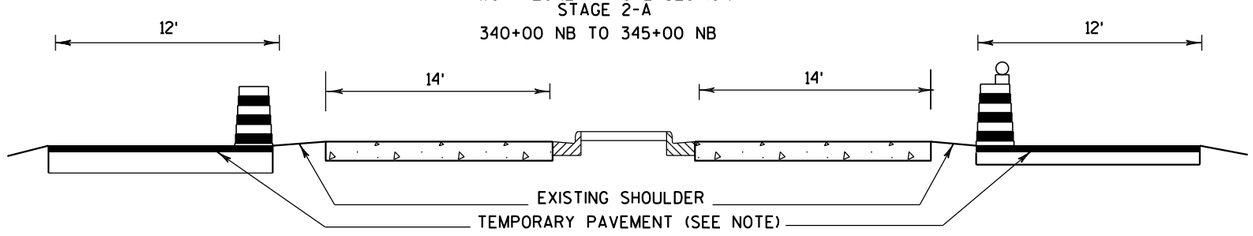


- WORKZONE INSIDE NB AND SB TRAFFIC TO CONSTRUCT MEDIAN ISLAND AND PAVEMENT
- TRANSITION NB 12' LANE TO 333+00 NB. 3' SHOULDER REMOVAL AT EXISTING CONCRETE
- TRANSITION SB 12' LANE TO EXISTING PAVEMENT POINT OF 333+00 SB. 6' REMOVAL OF EXISTING SHOULDER ALONG EXISTING CONCRETE PAVEMENT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	WORK ZONE TYPICAL SECTIONS-STAGE TWO-A	SHEET E

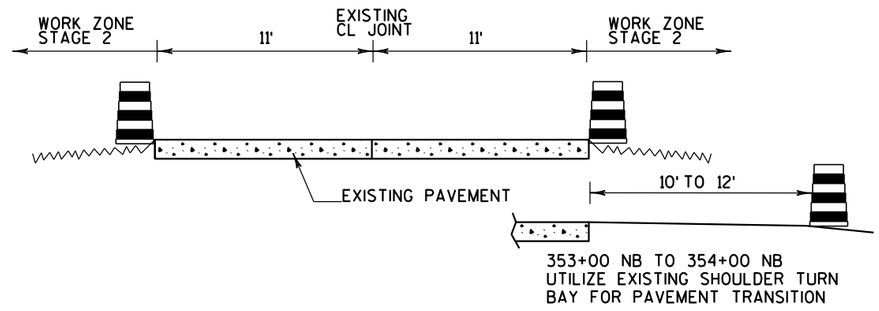
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WORK ZONE TYPICAL SECTION
STAGE 2-A
340+00 NB TO 345+00 NB



- MATCH CONCRETE PAVEMENT AT 342+50 NB AT 14' WIDTH
- TRAFFIC IS ON EXISTING PAVEMENT
- TEMPORARY PAVEMENT TO BE UTILIZED IN STAGE 2B
- TEMPORARY PAVEMENT IS PLACED PARALLEL TO EXISTING SHOULDERS
- TEMPORARY ASPHALT PAVEMENT CONNECTION PLACEMENT IS PRIOR TO STAGE 2B SWITCH

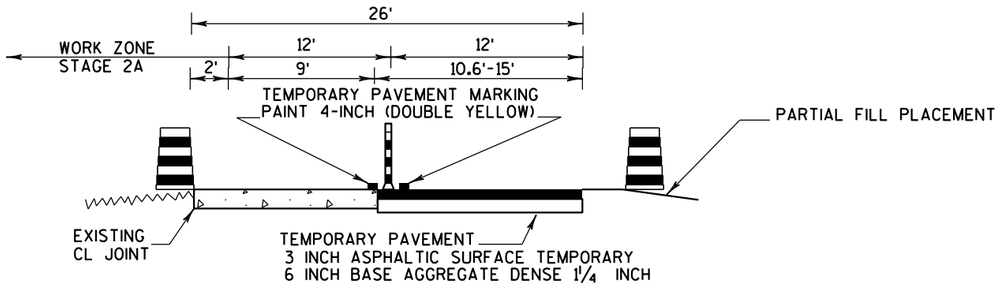
WORK ZONE TYPICAL SECTION
STAGE 2-A
345+00 NB TO 354+50 NB



- NB AND SB TRAFFIC TRANSITION TO THE EASTERN SIDE AT THE ULMAN/SPRUCE INTERSECTION FROM 353+00 NB
- TRAFFIC CROSS OVER FRO STAGE 2A FROM 353+00 NB TO 355+00 NB

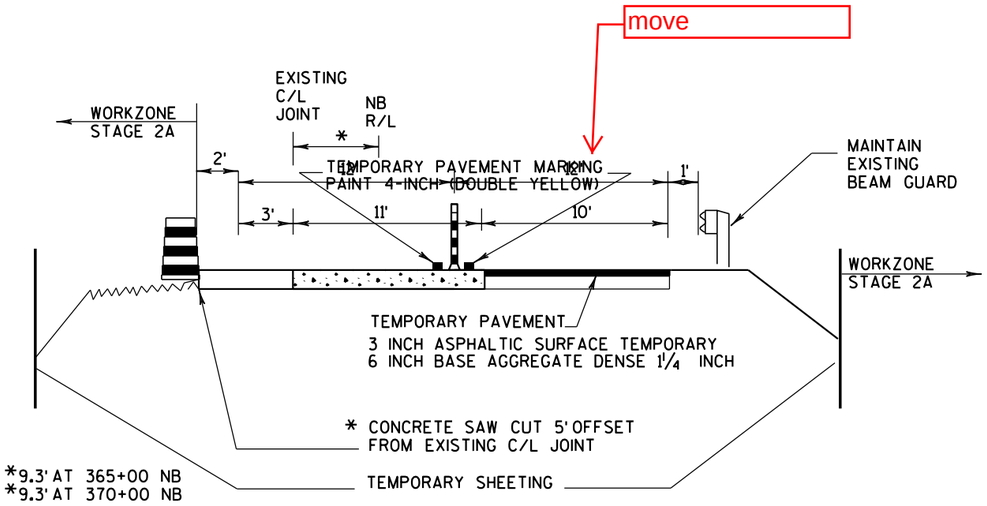
WORK ZONE TYPICAL SECTION
STAGE 2-A
354+50 NB TO 364+74 NB

TRAFFIC TRANSITION-EAST



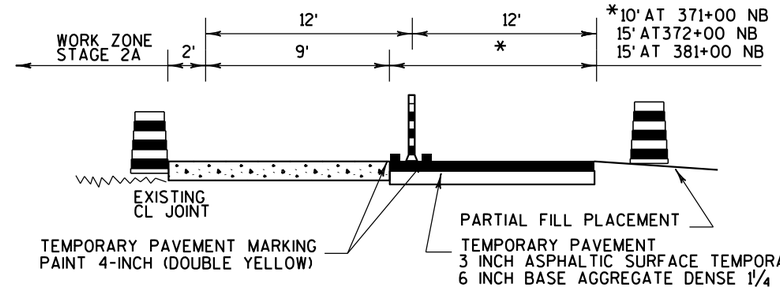
- REMOVAL OF EXISTING NB SHOULDER
- PARTIAL FILL PLACEMENT. TEMPORARY SUBGRADE ELEVATION IS 8-INCHES BELOW EXISTING OUTSIDE EDGE PAVEMENT ELEVATION TO OUTSIDE EDGE OF TEMPORARY PAVEMENT.
- TRAFFIC CROSS OVER FOR STAGE 2A FROM 363+00 NB TO 365+00 NB

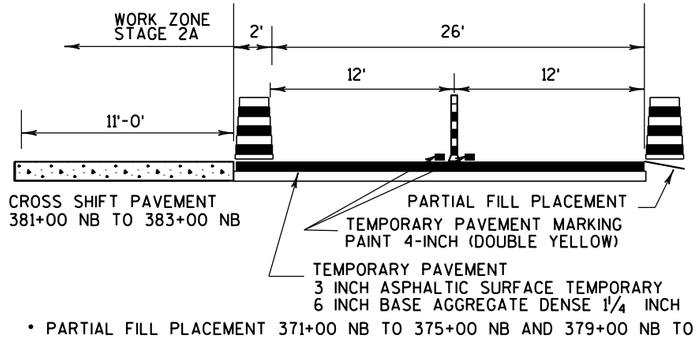
WORK ZONE TYPICAL SECTION
STAGE 2-A
364+74 NB TO 371+00 NB



- TEMPORARY SHEET PILING REQUIRED FOR BRIDGE BOX EXTENSION PARALLEL TO EXISTING C/L JOINT
- UTILIZE EXISTING INTERSECTION PAVEMENT AT SPRING LANE AND WALDEN

WORK ZONE TYPICAL SECTION
STAGE 2-A
371+00 NB TO 385+25 NB

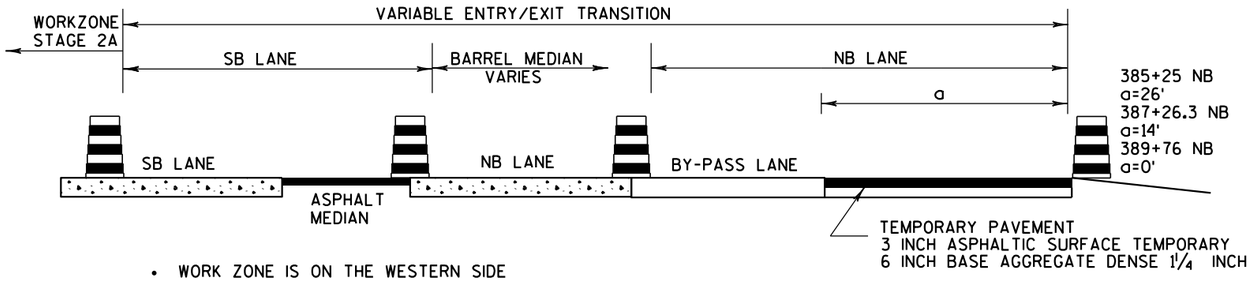




- PARTIAL FILL PLACEMENT 371+00 NB TO 375+00 NB AND 379+00 NB TO 385+25 NB
- TRAFFIC CROSS SHIFT FROM 381+00 NB TO 383+00 NB

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WORK ZONE TYPICAL SECTION
STAGE 2-A
385+25 NB TO 392+50



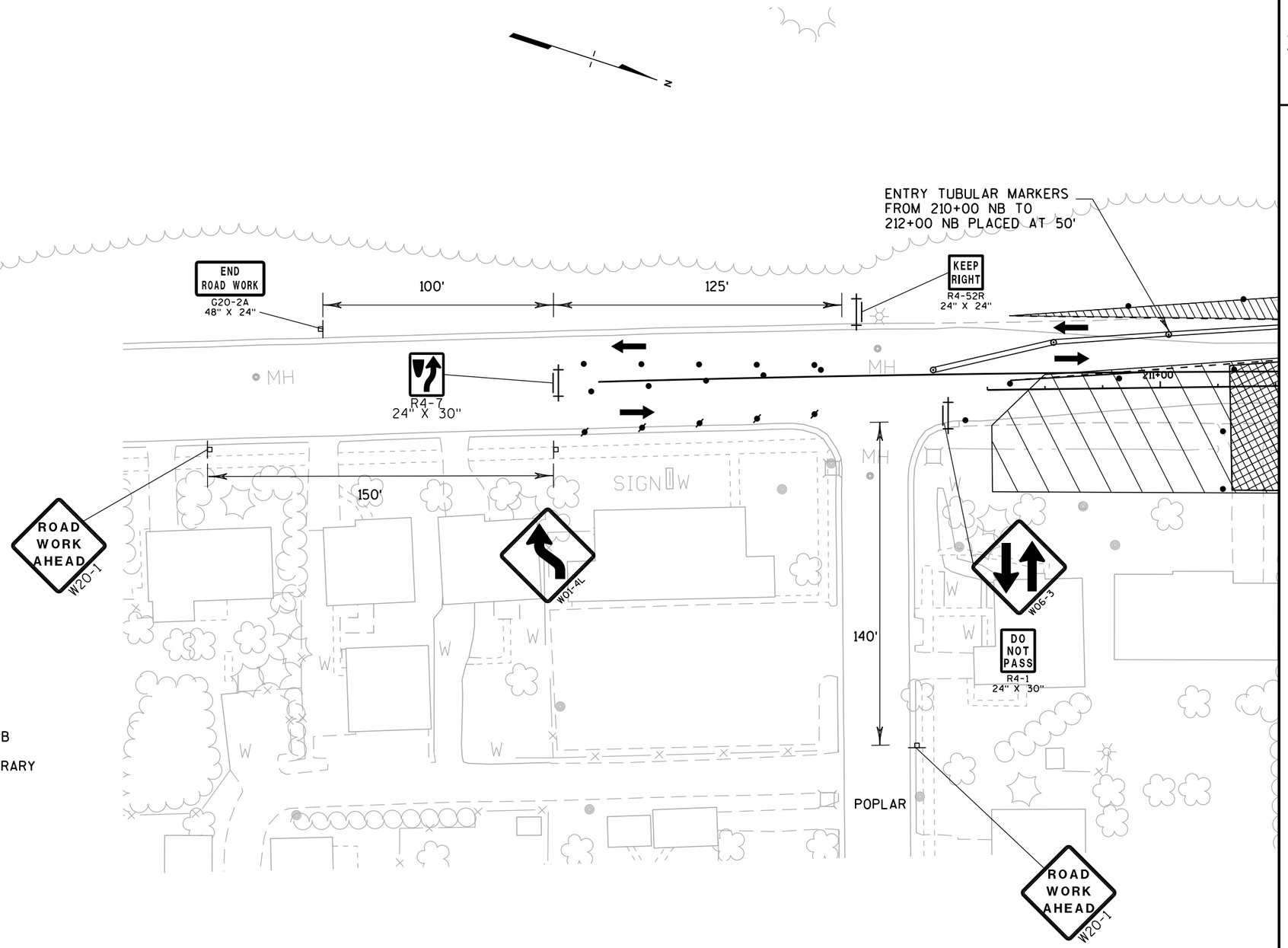
- WORK ZONE IS ON THE WESTERN SIDE
- TRAFFIC TRANSITIONS BACK ONTO EXISTING NB AND SB LANES BEYOND 392+50 NB
- BOTH NB AND SB TEMPORARY LANES ARE TO BE MAINTAINED WITH A 12' WIDTH

2

2

LEGEND

- TRAFFIC CONTROL DRUM WITH TYPE 'C' WARNING LIGHT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- WORK ZONE AREA
- PROPERTY ACCESS LOCATION AND STREET/ROAD ACCESS
- TYPE 'A' WARNING LIGHT
- TEMPORARY SURFACE ASPHALTIC
- TUBULAR MARKER
- SAFETY FENCE
- SAW CUT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PAVEMENT MARKING PAINT 4-INCH



STAGE 2A NOTES:

a) SEE "WORK ZONE TYPICAL SECTIONS STAGE 2A" FOR DRIVING WIDTHS AND ADJACENT FEATURES.

b) LOCAL STREET ACCESS POINT WIDTHS THROUGH THE WORK ZONE ARE TO MATCH THE EXISTING MATCH WIDTH UNLESS NOTED.

c) WORK ZONE EDGE (WZE) NOTED AT TAPER POINTS OR AT OTHER SHIFT POINTS.

d) TRANSITION PAVEMENT FROM STAGE 2A TO STAGE 2B UTILIZES BOTH MAINLINE PAVEMENT AND TEMPORARY ASPHALT. SEE STAGE 2B FOR TRANSITION LOCATIONS AND MAINLINE PAVING WIDENING. TEMPORARY WEDGE PAVEMENT CONNECTION IS SPECIFIED AS TEMPORARY PAVEMENT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

BARREL SPACING AT 50' TYPICAL UNLESS NOTED

TUBULAR MARKERS 150' TYPICAL UNLESS NOTED

TEMPORARY PAVEMENT MARKING PAINT 4-INCH (DOUBLE YELLOW)

N

BE PREPARED TO STOP
W03-4

213+50 NB
LT 21.7' (WZE)

215+00 NB
LT 18' (WZE)

QUINCY STREET
ACCESS POINT

218+00.4 NB
LT 8.3' (WZE)

211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

SIGN

MH

STOP
R1-1
36"X36"

CENTERLINE BARRELS
SPACED AT 25'

AT 12+80 Q

LOOSE GRAVEL
W8-7
30" X 30"

50' WEST OF 4TH
AVE. INTERSETION

ROAD WORK AHEAD
W20-1

QUINCY

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026032_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

BIKE PATH

N

SIGN

SIGN

W

W

W

221+00.02 NB LT 15.5'
(WZE)

ROYAL STREET ACCESS
POINT (30' WIDTH)

223+00.5 NB
LT 9.5'(WZE)

SPEED
LIMIT
25
R2-1
24" X 30"

218+00

219+00

220+00

221+00

222+00

223+00

224+00

225+00

SPEED
LIMIT
25
R2-1
24" X 30"

SIGN

INL

SIGN

W

W

W

W

BARRELS PLACED IN CURB & GUTTER
REMOVAL AREA 25' SPACING, ADJUST
FOR DRIVEWAYS

MH

MH

STOP
R1-1
36"X36"

LOOSE
GRAVEL
W8-7
30" X 30"

150'

SPEED
LIMIT
35
R2-1
24" X 30"

ROAD
WORK
AHEAD
W20-1

ROAD
WORK
AHEAD
W20-1

WEST AVE.

MH

ROYAL STREET

MH

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

2

BE PREPARED TO STOP

W03-4

227+00.7 NB
LT 15'(WZE)

288+00.7 NB
LT 10'(WZE)

SPRUCE STREET
ACCESS POINT

226+00 227+00 228+00 229+00 230+00 231+00 232+00 233+00

BARRELS PLACED IN CURB & GUTTER
REMOVAL AREA 25'SPACING

STOP

R1-1
36"X36"

LOOSE GRAVEL

W8-7
30" X 30"

ROAD WORK AHEAD

W20-1

SIGN

A/C

MH

SPRUCE ST

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

2

N

SPEED LIMIT 35
R2-1
48" X 60"

237+51.7 NB
LT 14'(WZE)

236+00.7 NB
LT 10'(WZE)

MAINTAIN EXISTING BEAM GUARD

TROY STREET
ACCESS POINT

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

MH MH W W

SIGN SIGN SIGN SIGN

BE PREPARED TO STOP
W03-4

PHONE

CANOPY

TEMPORARY ACCESS POINT
DURING TROY STREET
RECONSTRUCTION

SPEED LIMIT 35
R2-1
24" X 30"

ANT.

BARRELS PLACED IN CURB & GUTTER
REMOVAL AREA 25' SPACING

FILLER CAPS

W A/C

P A/C

ROAD WORK AHEAD
W20-1

50' SOUTH OF WEST
AVENUE INTERSECTION

LOOSE GRAVEL
W8-7
30" X 30"

ROAD WORK AHEAD
W20-1

TROY STREET
50' EAST OF WEST
AVENUE INTERSECTION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026035_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50.0001:1

WISDOT/CADDS SHEET 42

2

2

N

SIGN

S.T.H. 35

243+00 NB
LT 8'(WZE)

BE
PREPARED
TO STOP
W103-4

SCHNICK ROAD
ACCESS POINT

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00

SIGN

SIGN

SIGN

A/C

STOP
R1-1
36" X 36"

LOOSE
GRAVEL
W8-7
30" X 30"

ROAD
WORK
AHEAD
W20-1

100'EAST OF 52+00 SR

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026036_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

BIKE PATH

N

DO NOT PASS
R4-1
24" X 30"

SCHNICK ROAD
ACCESS POINT

248+75 NB
LT 8'(WZE)

249+75 NB
LT 5'(WZE)

254+00 NB
LT 5'(WZE)

247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00

STOP
R1-1
36" X 36"

LOOSE GRAVEL
W8-7
30" X 30"
AT 52+00 SR

ROAD WORK AHEAD
W20-1
100' EAST OF
52+00 SR

DO NOT PASS
R4-1
24" X 30"

BE PREPARED TO STOP
W03-4

SCHNICK ROAD

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026037_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

WALLS

POOL

W

LOOSE GRAVEL

W8-7
30" X 30"

ROAD WORK AHEAD

W20-1

SUNSET VISTA

ROAD CLOSED 1500 FT

W20-3

W01-4R

SUNSET VISTA ACCESS POINT

DELINEATOR SPACING WITHIN TAPER IS 50'

25' BARREL SPACING

CURRENT AND RELIGNED ACCESS POINT. TRANSITION ACCESS DURING INTERSECTION WORK

STOP

R1-1
36" X 36"

SIGN

254+00

255+00

256+00

257+00

258+00

259+00

260+00

261+00

254+75.8 NB
LT 5'(WZE)

256+00 NB
LT 9'(WZE)

256+75.6 LT 7.7'
256+75.9 LT 33.7'
TAPER POINTS

25' BARREL SPACING

TEMPORARY ACCESS POINTS DURING KRAMER ROAD PROFILE UPGRADE

259+00.6 RT 19.4'
259+00.7 LT 6.6'
TAPER POINTS

KRAMER ROAD ACCESS POINT SHIFT ACCORDING TO PROFILE UPGRADE

PLACED AT STA 77+25 KS

PLACED AT HURRICANE COURT INTERSECTION

INL

WM

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026038_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

SIGN

SIGN

SIGN

SIGN

265+00 NB
LT 3.5'(WZE)

DO NOT PASS
R4-1
24" X 30"

DO NOT PASS
R4-1
24" X 30"

262+00
263+00
264+00
265+00
266+00
267+00
268+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026039_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

TOWER

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

W

270+00 NB
LT 1'(WZE)

271+65 NB
(WZE)

273+00 NB
RT 1.8'(WZE)

268+00

269+00

270+00

271+00

272+00

273+00

274+00

275+00

SEE ROUNDABOUT STAGING SHEETS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

Ⓐ 274+68.0 NB LT 929.0'
R=900'

Ⓑ 273+11.2 NB LT 1000.0'
R=995'

147+00

148+00

149+00

N

TOWER

SIGN

SIGN

SIGN

270+00 NB LT 1'(WZE)

273+82.1 NB LT 30.6'

273+46.0 NB LT 15.4'

273+25.2 NB LT 31.9'
END OF CURB-STAGING

274+68.0 NB LT 29.0'

268+00

269+00

270+00

271+00

272+00

273+00

274+00

275+00

MATCHLINE 275+25

275+20.7 NB LT 5.1'

274+51.5 NB LT 5.0'

273+11.2 NB LT 5.0'

273+18.1 NB LT 10.5'

12'

12'

STH 35

50'(TYP.)

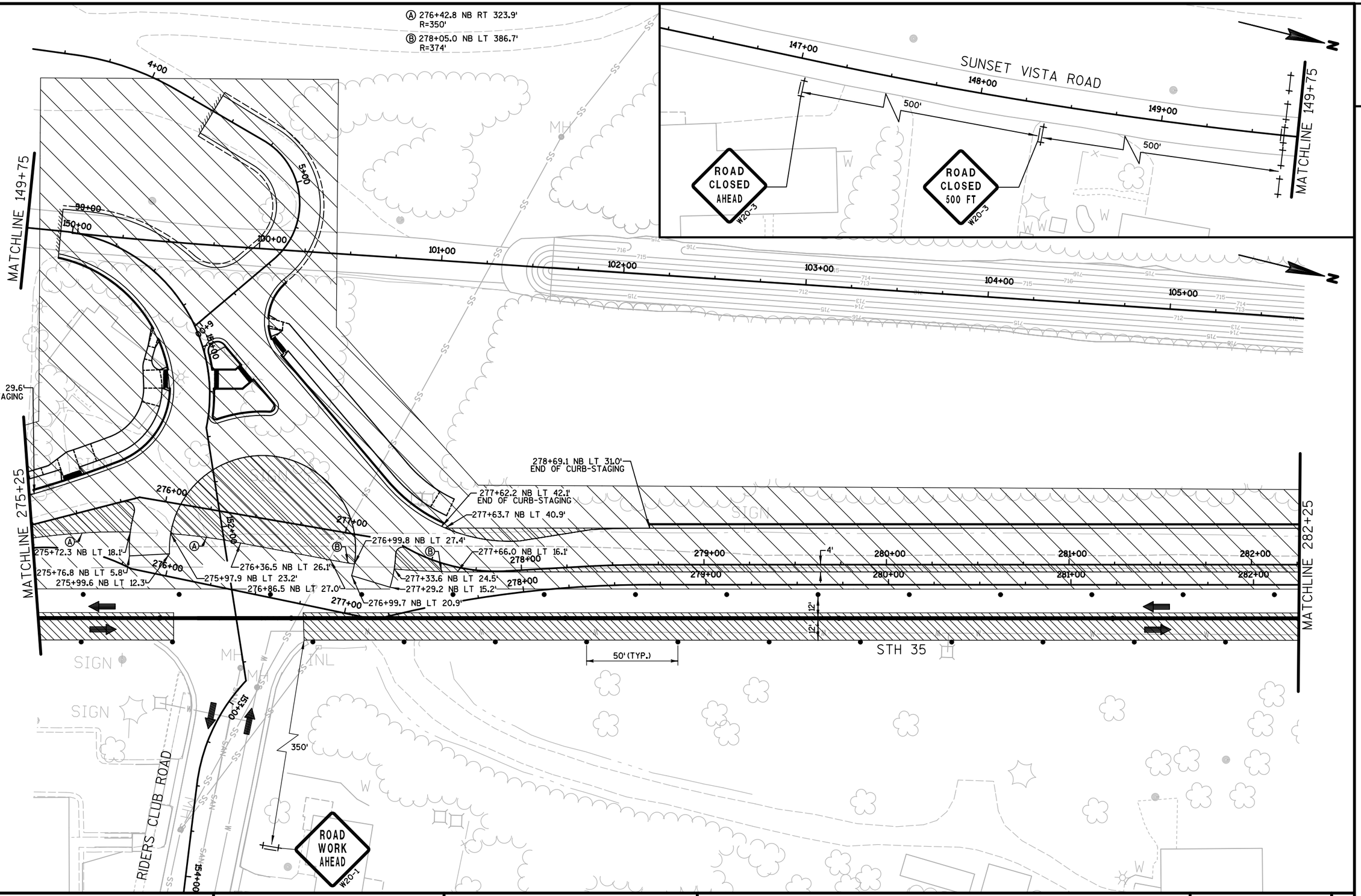
SIGN

SEE CORRIDOR STAGING SHEETS **

** TEMPORARY ASPHALT INDICATED IN WORK ZONE
FOR TRANSITON TO STAGE TWO-B.

CONTINUE TEMPORARY PAVEMENT MARKING AND DELINEATORS
THROUGH ROUNDABOUT WORK ZONE.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-A	SHEET 220	E

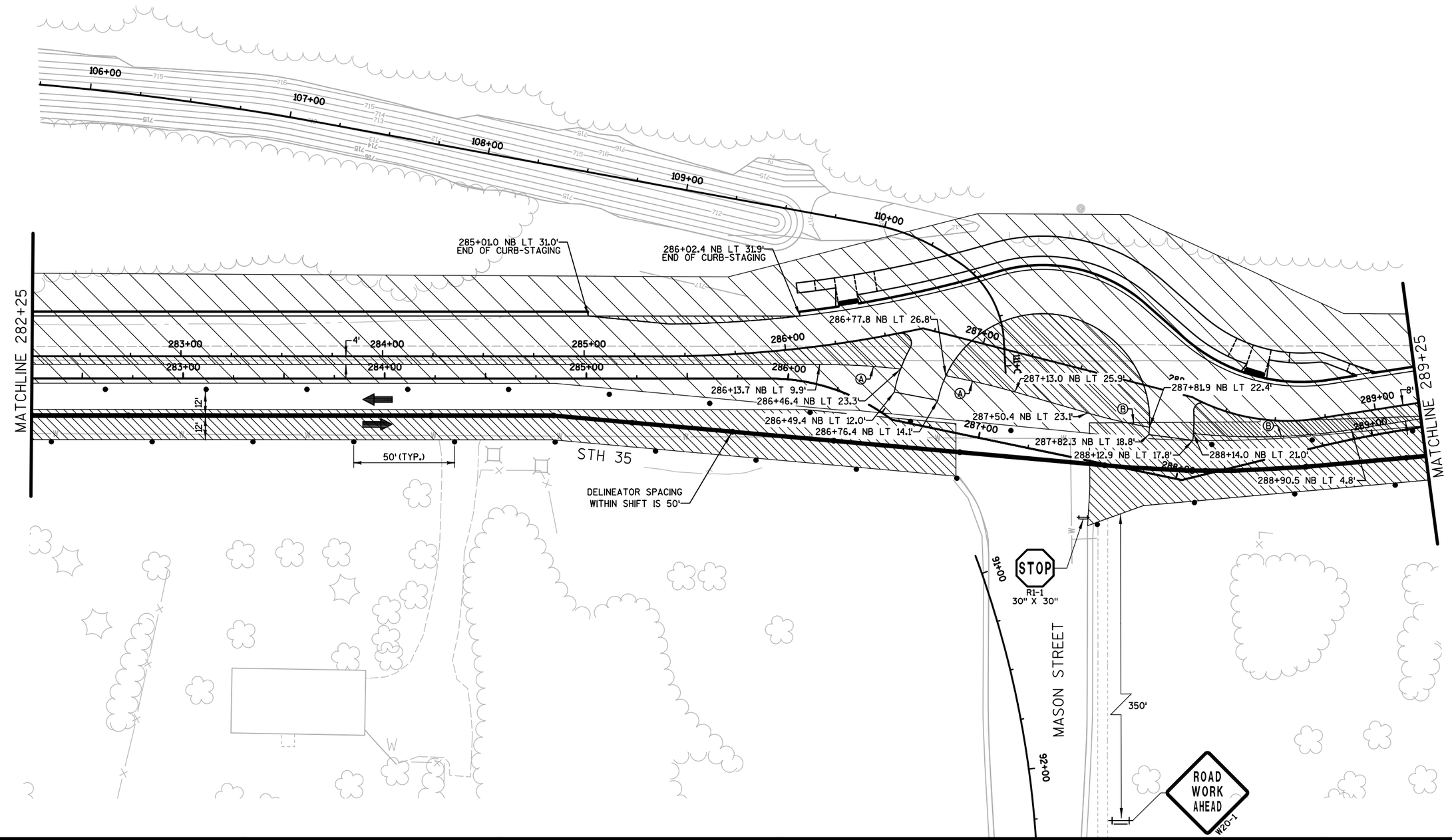


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-A	SHEET 221 E

2

Ⓐ 286+86.6 NB RT 323.1'
R=350'

Ⓑ 289+00.0 NB LT 308.6'
R=304'



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-A	SHEET 222	E

2

N

MATCHLINE 289+25

290+62.7 NB LT 8.1'

292+00 NB LT 4.4'(WZE)

296+00 NB LT 2.6'(WZE)

8'

290+00

290+00

292+00

293+00

294+00

295+00

296+00

292+00

293+00

294+00

295+00

296+00

12'

12'

50' (TYP.)

STH 35

DO NOT PASS

R4-1

24" X 30"

SEE CORRIDOR STAGING SHEETS

SIGN

SIGN

W

W

W

A/C

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-A	SHEET 223	E

2

2

290+19.1 NB
LT 2.2'(WZE)

292+00 NB
LT 4.4'(WZE)

296+00 NB
LT 2.6'(WZE)

290+00

292+00

293+00

294+00

295+00

296+00

SEE ROUNDABOUT STAGING SHEETS

SIGN

DO NOT PASS
R4-1
24" X 30"

SIGN

A/C

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026043_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

DNR STATE TRAIL

DRAINAGE CONSTRUCTION EASEMENT
VERIFY LIMIT POINTS. SEE TRAIL
TRAFFIC CONTROL.

N

CONSTRUCTION ZONE IS OFFSET 10'
FROM R/W LINE. FIELD VERIFY LIMITS.

296+00 NB
LT 2.6'(WZE)

WALL CONSTRUCTION AREA

296+00
297+00
298+00
299+00
300+00
301+00
302+00
303+00

BE
PREPARED
TO STOP
W3-4

SIGN

STOP
R1-1
36" X 36"

302+50 NB
(WZE)

300'

HILLTOP
ROAD

ROAD
WORK
AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026044_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

CTH Z

S.T.H. 35

N

W01-1L

W01-1R

ROAD WORK AHEAD
W20-1

STOP
R1-1
36" X 36"

KEEP RIGHT
R4-52R
24" X 24"

304+25 NB
LT 11'(WZE)

307+00 NB
LT 10.3'(WZE)

309+00 NB
LT 7.4'(WZE)

303+00
304+00
305+00
306+00
307+00
308+00
309+00
310+00

W
A/C
WM

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026045_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

INL

313+00 NB
LT 7'(WZE)

317+00 NB
LT 7.1'(WZE)

310+00
311+00
312+00
313+00
314+00
315+00
316+00
317+00

STOP
R1-1
36" X 36"

BE PREPARED TO STOP
W03-4

200'

ROAD WORK AHEAD
W20-1

WEST VIEW DRIVE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026046_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

321+00 NB
LT 7.1'(WZE)

W06-2

KEEP
RIGHT
R4-52R
24" X 24"

323+75.7 NB, LT 52'
323+97 NB, LT 52'
323+98.4 NB LT 40'
TAPER POINTS

W01-4L

322+00.7 NB
LT 7.1'(WZE)322

317+00
318+00
319+00
320+00
321+00
322+00
323+00
324+00

BE
PREPARED
TO STOP
W03-4

W06-1

321+60.7 NB, RT 18.9'
TAPER POINT

STOP
R1-1
36" X 36"

TEMPORARY
CROSS ACCESS

323+34.7 NB, RT 18.9'
323+34.7 NB, RT 30.9'
TAPER POINT

R4-7
24" X 30"

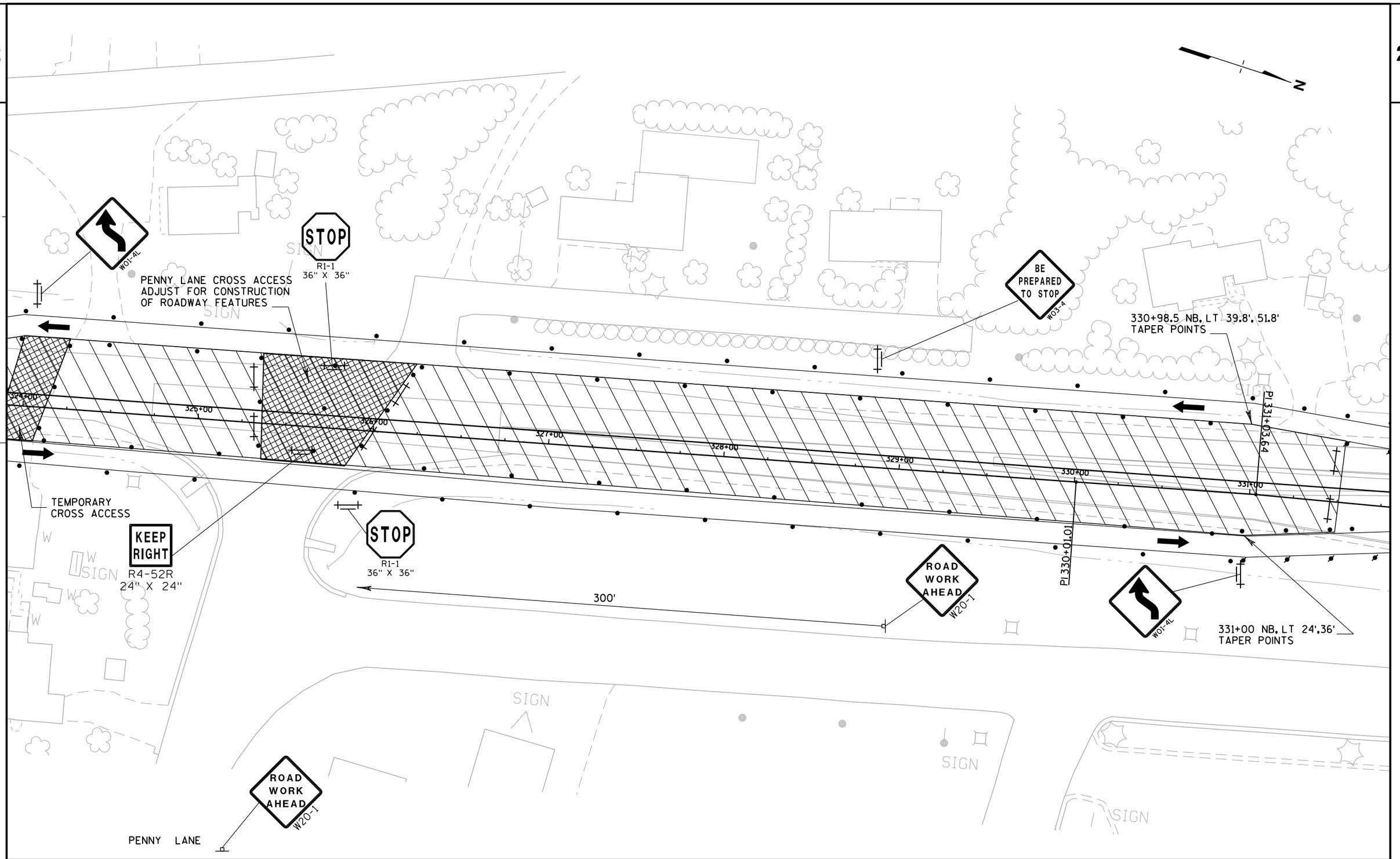
ROAD
WORK
AHEAD
W20-1

CLOVERDALE

PLACED 200'FROM STH 35 INTERSECTION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

2

ROAD WORK AHEAD W20-1

150'

W01-4R

W01-4L

331+00 332+00 333+00 334+00 335+00 336+00 337+00 338+00

MH SIGN INL W

200'

ROAD WORK AHEAD W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026049_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

SIGN

SIGN

SIGN

MH

MH

MH

338+00

339+00

340+00

341+00

342+00

343+00

344+00

345+00

DO NOT DISTURB TEMPORARY
ASPHALT FOR ADJACENT EARTHWORK

RIGHT
SHOULDER
CLOSED
W21-5A

W

W

W

W

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026050_s2.dgn PLOT DATE : 28-JUL-2015 08:33 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

QUARRY

N

S.T.H. 35

345+00 346+00 347+00 348+00 349+00 350+00 351+00 352+00

RIGHT SHOULDER CLOSED
W21-5A

RIGHT SHOULDER CLOSED
W21-5A

W06-3

DO NOT PASS
R4-1
24" X 30"

WORK ZONE ADJACENT TO ARCHAEOLOGICAL SITE-47LC388
LIMITS DEFINED BY SAFTEY FENCE LAYOUT IN PLAN AND
PROFILE SHEETS. NO CONSTRUCTION ACTIVITY/EQUIPEMENT BEYOND FENCE.

BE PREPARED TO STOP
W03-4

RESIDENTIAL DRIVEWAY
RELOCATION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

2

ROAD WORK AHEAD W20-1

RIGHT SHOULDER CLOSED W21-5A

LOOSE GRAVEL W8-7 30" X 30"

100'

352+99.7 NB LT 20.3'(WZE)

SIGN

STOP R1-1 36" X 36"

ULMAN/RYAN ACCESS POINT

354+50 NB BEGIN TUBULAR MARKERS WITH TEMPORARY PAVEMENT MARKING PAINT 4-INCH (DOUBLE YELLOW)

ROAD WORK AHEAD W20-1

W01-2R

A/C

A/C

MH

RYAN AVE.

352+00 353+00 100' 354+00 50' 355+00 356+00 357+00 358+00 359+00

354+99.7 NB LT 9.3'(WZE)

354+99.7 NB, RT 16.7' TAPER POINT

359+00 NB LT 9.3'(WZE)

SIGN

SIGN

STOP R1-1 36" X 36"

352+99.7 NB, RT 1.7' TAPER POINT

W01-2R

LOOSE GRAVEL W8-7 30" X 30" PLACED AFTER PAVEMENT REMOVAL

SPRUCE STREET ACCESS POINT

ROAD WORK AHEAD W20-1

ROAD WORK AHEAD W20-1

25' WEST OF HACKBERRY INTERSECTION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026052_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

ROAD WORK AHEAD W20-1

RYAN/SCOTT ACCESS POINT

ROAD WORK AHEAD W20-1

363+99.7 NB LT 9.3'(WZE)

365+49.7 NB LT 14.3'(WZE)

B-32-09 CONSTRUCTION AREA

MAINTAIN EXISTING BEAM GUARD

359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

STOP R1-1 36" X 36"

STOP R1-1 36" X 36"

B-32-09 CONSTRUCTION AREA

SPRING LANE ACCESS POINT

HACKBERRY

ROAD WORK AHEAD W20-1

ROAD WORK AHEAD W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026053_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

B-32-09
CONSTRUCTION AREA

ROAD WORK AHEAD
W20-1

EVERGREEN WAY

300' TO INTERSECTION

EVERGREEN WAY ACCESS POINT

TEMPORARY PROPERTY ACCESS POINT

369+74.7 NB
LT 14.3'(WZE)

370+99.7 NB
LT 9.3'(WZE)

STOP
R1-1
36" X 36"

367+00 368+00 369+00 370+00 371+00 372+00 373+00

MAINTAIN EXISTING
BEAM GUARD

B-32-09
CONSTRUCTION AREA

NEW REALIGNED WALDEN
ACCESS POINT TRANSITION
DURING CONSTRUCTION

WALDEN REALIGNMENT CONSTRUCTION

ROAD WORK AHEAD
W20-1

ADVANCE TRAFFIC CONTROL FOR WALDEN AND NORTH COURT

WALDEN-LOCATED 125' BEYOND (EAST) NORTH COURT INTERSECTION

NORTH COURT-LOCATED 150' NORTH OF WALDEN INTERSECTION

LOOSE GRAVEL
W8-7
30" X 30"

LOOSE GRAVEL
W8-7
30" X 30"

PLACED AT SAW CUT LINES FOR WALDEN AND NORTH COURT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

2

2

N

BE PREPARED TO STOP

W03-4

375+00 NB
LT 9.4'(WZE)

380+00 NB
LT 9.4'(WZE)

374+00

375+00

376+00

377+00

378+00

379+00

380+00

DO NOT PASS

R4-1
24" X 30"

SIGN

SIGN

SIGN

CANOPY

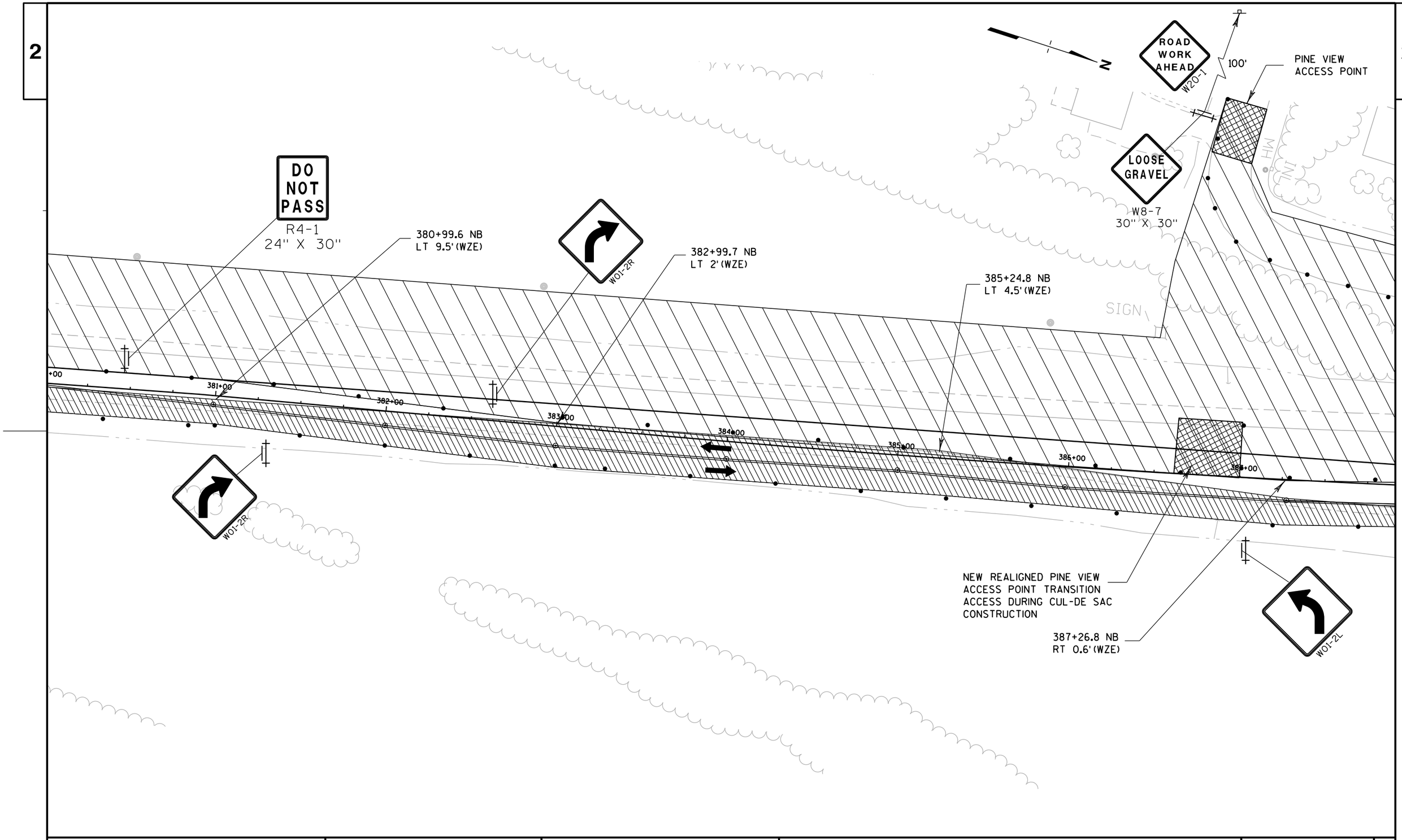
MH

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026055_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026056_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

ROAD WORK AHEAD
W20-1

LOOSE GRAVEL
W8-7
30" X 30"

200'

N

TRANSITION PINE VIEW ACCESS TO NEW REALIGNED ACCESS POINT DURING CUL-DE-SAC CONSTRUCTION

DRIVEWAY ACCESS DELINEATION

CTH OT ACCESS POINT

WORK ZONE ADJACENT TO ARCHEOLOGICAL SITE-47LC359. LIMITS DEFINED BY SAFETY FENCE LAYOUT IN PLAN & PROFILE SHEETS. NO CONSTRUCTION ACTIVITY BEYOND FENCE.

388+00
389+00
390+00
391+00
392+00
393+00
394+00

STH 35

STOP
R1-1
36" X 36"

387+26.8 NB
RT 0.6'(WZE)

STOP
R1-1
36" X 36"

W06-3

DO NOT PASS
R4-1
24" X 30"

SIGN

SIGN

R4-7
24" X 30"

W01-4L

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026057_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

REMOVE EXISTING
SPEED LIMIT SIGN

SPEED LIMIT 35
R2-1
24" X 30"

ROAD WORK 500 FT
W20-1

ROAD WORK AHEAD
W20-1

200'

395+00
396+00
397+00
398+00
399+00
400+00

INL

S.T.H. 35

END ROAD WORK
G20-2A
48" X 24"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-A	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026058_s2.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

LEGEND

- TRAFFIC CONTROL DRUM WITH TYPE 'C' WARNING LIGHT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- WORK ZONE AREA
- PROPERTY ACCESS LOCATION AND STREET/ROAD ACCESS
- TYPE 'A' WARNING LIGHT
- TEMPORARY SURFACE ASPHALTIC
- TUBULAR MARKER
- SAFETY FENCE
- SAW CUT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PAVEMENT MARKING PAINT 4-INCH

STAGE 2B WORK ZONE NOTES

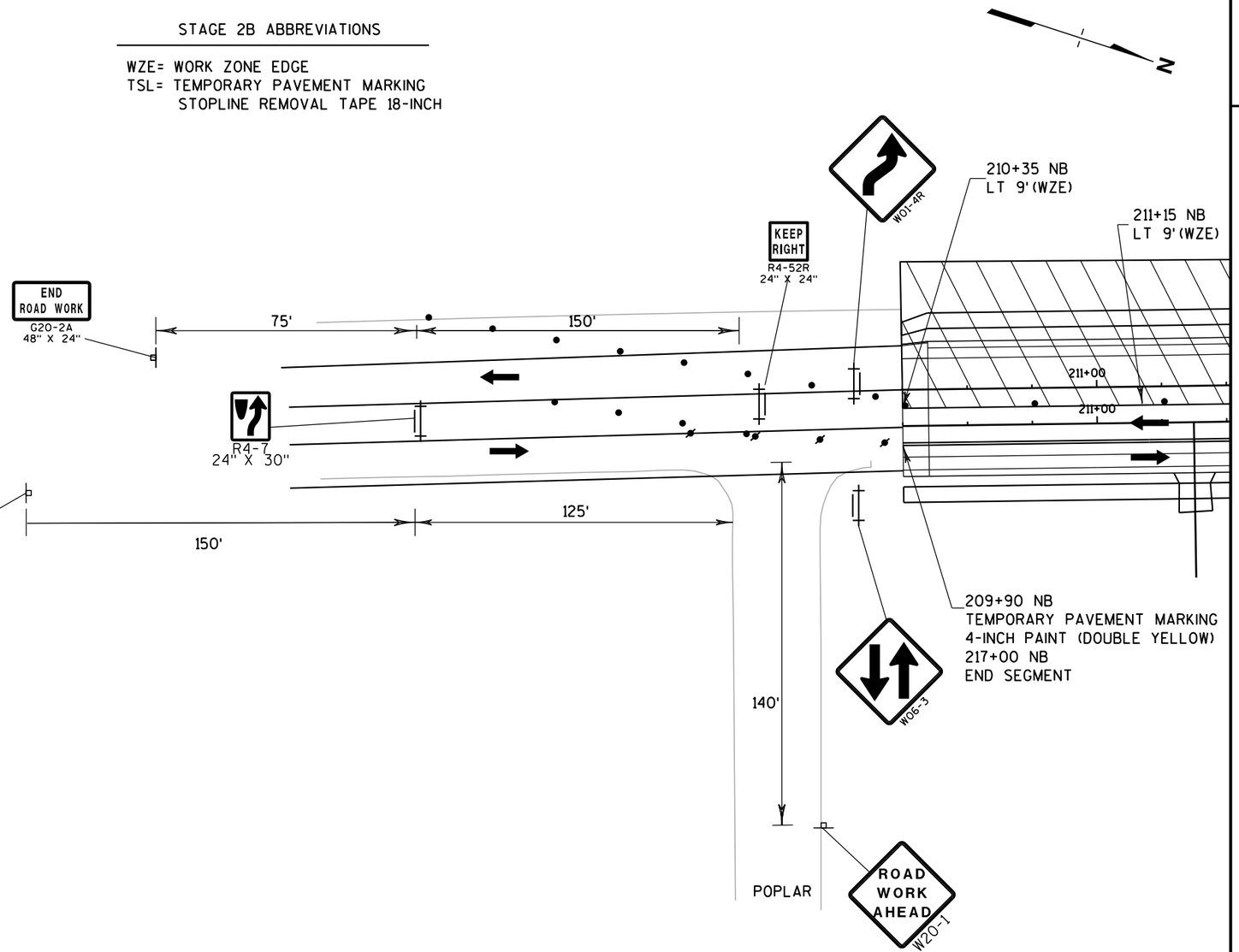
OUTSIDE WORK ZONE LIMITS REPRESENT WORK AREA AND ARE NOT EXACT LIMITS.

PAVEMENT WIDENING AREA INCICATED IS TYPICALY LEFT OF THE NB RL. ASPHALT MATERIAL IS MAINLINE TYPE E-3 HMA WITH ASSUMED DEPTH OF 2.75"

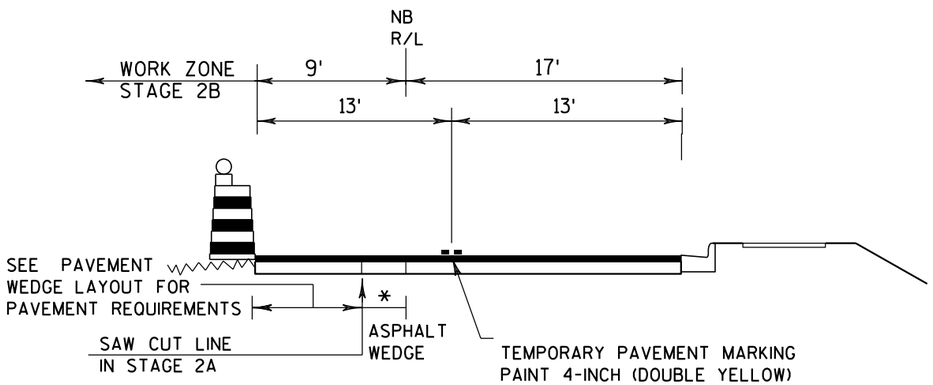
TYPICAL BARREL SAPCING IS 50'

STAGE 2B ABBREVIATIONS

WZE= WORK ZONE EDGE
TSL= TEMPORARY PAVEMENT MARKING STOPLINE REMOVAL TAPE 18-INCH



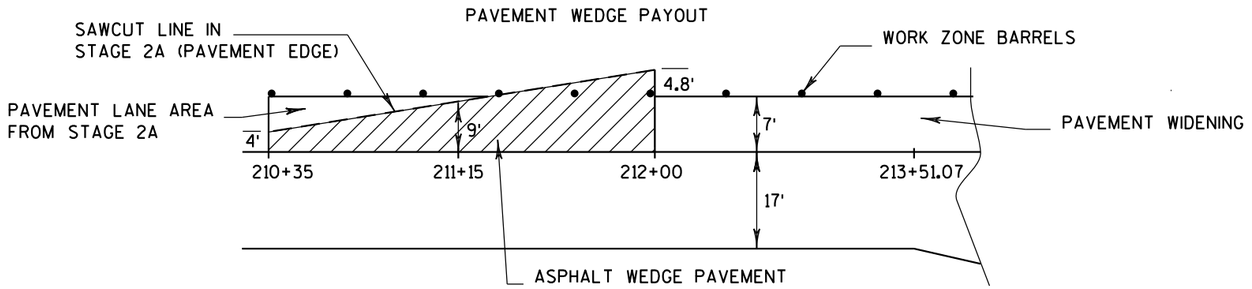
WORK ZONE TYPICAL SECTION
STAGE 2-B
210+35 NB TO 212+00 NB



ASPHALT EDGE WIDTHS
*4' AT 210+35 NB
*5.2' AT 210+50 NB
*8.3' AT 211+00 NB
*11.4' AT 211+50 NB
*13.8' AT 212+00 NB

• ASPHALT WEDGE PAVEMENT ABUTS TO STAGE 2A PAVEMENT EDGE

PAVEMENT WEDGE PAYOUT



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET E

2

N

211+15 NB
LT 9'(WZE)

212+00 NB
LT 9', 13.8'(WZE)

213+51.07 NB
LT 9', (WZE)

217+60 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
222+10 NB
END SEGMENT

218+03.3 NB
LT 6'(WZE)

211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

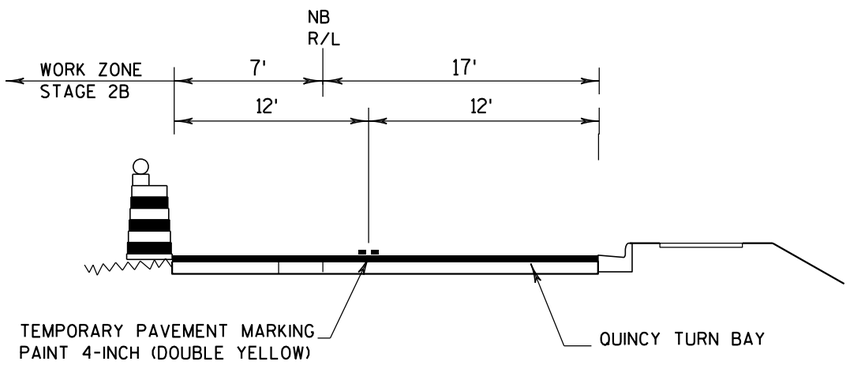
TSL

SPEED LIMIT 25

R2-1
24" X 30"

WORK ZONE TYPICAL SECTION
STAGE 2-B

212+00 NB TO 218+03 NB



- FROM 213+50 NB TO 218+03 NB, TRAFFIC TO UTILIZE QUINCY TURN BAY AREA FOR THROUGH LANES
- 9' PAVED SECTION LEFT OF NB R/L FROM 212+00 NB TO 213+51.07 (PAVEMENT WIDENING)

PAVEMENT WIDENING



213+51.07 NB

218+03.3 NB

217+00 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT

STOP
R1-1
36"X36"

ROAD WORK AHEAD
W20-1

50' WEST OF
4TH AVE. INTERSECTION

11+00 12+00 13+00 C&4

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026062_s3.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1 WISDOT/CADDS SHEET 42

2

WORK ZONE
STAGE 2B

EXISTING
C/L JOINT

VAR

2'

4'

NB
R/L

20'

12'

12'

WORK ZONE TYPICAL SECTION
STAGE 2-B
222+00 NB TO 227+00 NB

EXISTING PAVEMENT
REMOVAL IN STAGE 2B

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH, (DOUBLE YELLOW)

* 9.5' AT 223+00 NB VARIABLE =3.5'
* 13.7' AT 225+00 NB VARIABLE =7.7'
* 14.8' AT 226+00 NB VARIABLE = 8.8'

221+00 NB
LT 4.5'(WZE)

222+00 NB
LT 6'(WZE)

218+03.3 NB
LT 6'(WZE)

220+00 NB
LT 6'(WZE)

225+00 NB
LT 6'(WZE)

218+00
219+00
220+00
221+00
222+00
223+00
224+00
225+00

TSL

15+00

WORK ZONE TYPICAL SECTION
STAGE 2-B
218+03 NB TO 221+00 NB

WORK ZONE
STAGE 2B

NB
R/L

4'

20'

12'

12'

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH, (DOUBLE YELLOW)

221+00 NB TO 222+00 NB

WORK ZONE
STAGE 2B

NB
R/L

*

12'

12'

EXISTING
C/L

EXISTING SB REMOVAL IN
STAGE 2B

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH, (DOUBLE YELLOW)

* 4.5' AT 221+00 NB
* 7' AT 222+00 NB

- 12' LANES AT 221+00 NB
- BARRELS ON EXISTING PAVEMENT PRIOR TO REMOVAL IN STAGE 2B

BE
PREPARED
TO STOP
W03-4

222+10 NB
TEMPORARY PAVEMENT
MARKING PAINT 4-INCH
(DOUBLE YELLOW)
END SEGMENT

STOP
R1-1
36"X36"

222+75 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW) (YT)
END SEGMENT 229+35 NB

DO
NOT
PASS
R4-1
24" X 30"

00+12

00+22

85'

ROYAL ST

ROAD
WORK
AHEAD
W20-1

ROAD
WORK
AHEAD
W20-1

PAVEMENT WIDENING

WORK ZONE
BARRELS

EXISTING CONCRETE PAVEMENT

4'

4.5'

7'

6'

221+00

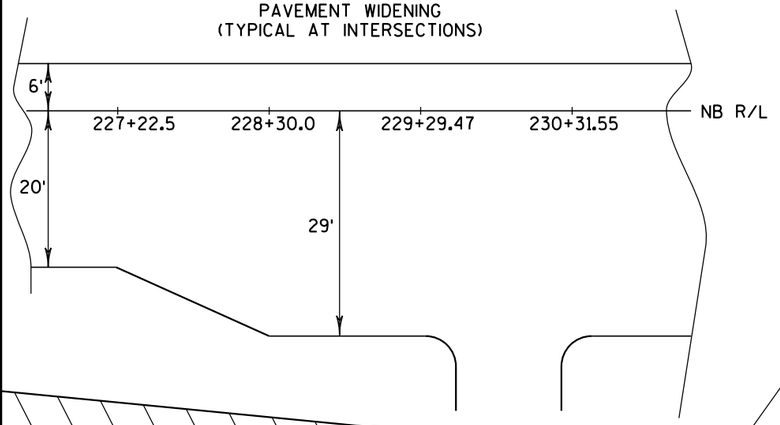
20'

222+00

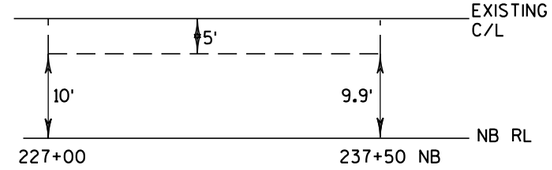
NB R/L

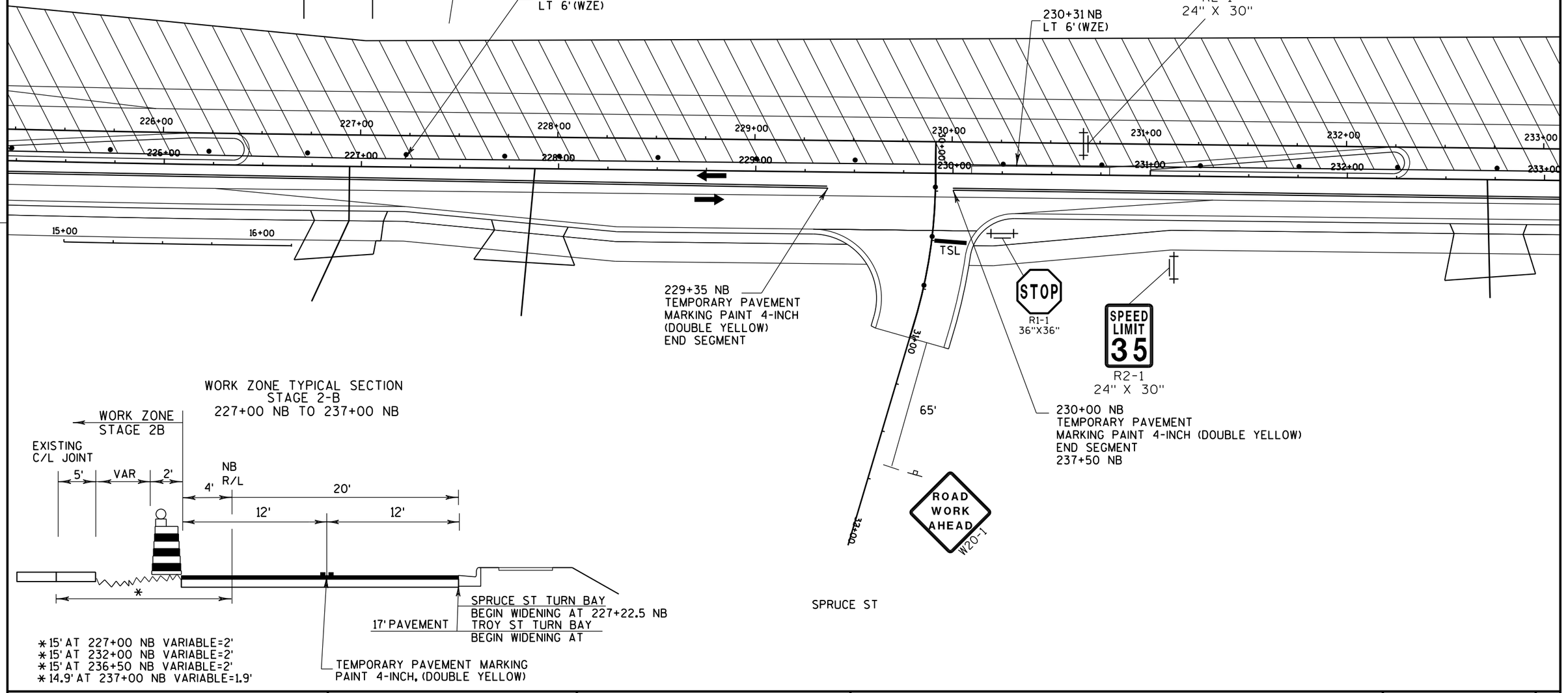
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

PAVEMENT WIDENING
(TYPICAL AT INTERSECTIONS)



EXISTING PAVEMENT CONDITIONS
RETAINED IN STAGE 2A





WORK ZONE TYPICAL SECTION
STAGE 2-B
227+00 NB TO 237+00 NB

*15' AT 227+00 NB VARIABLE=2'
*15' AT 232+00 NB VARIABLE=2'
*15' AT 236+50 NB VARIABLE=2'
*14.9' AT 237+00 NB VARIABLE=1.9'

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

N

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

237+50 NB
LT 6'(WZE)

5+00

6+00

TSL

STOP
R1-1
36"X36"

41+00

42+00

238+25 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
246+00 NB

237+50 NB
TEMPORARY PAVEMENT
MARKING PAINT 4-INCH
(DOUBLE YELLOW)
END SEGMENT

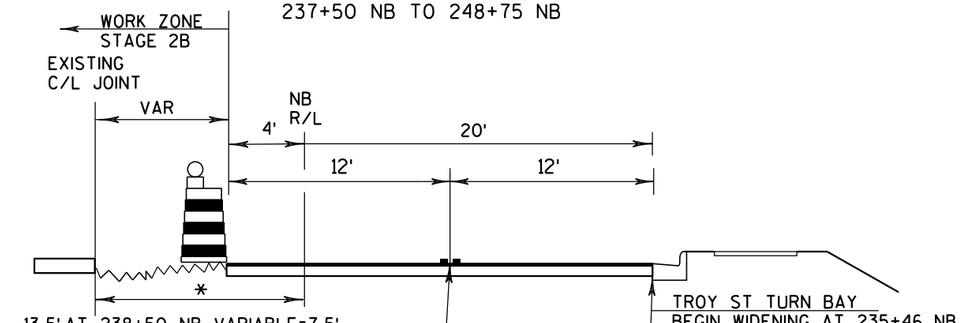
ROAD
WORK
AHEAD
W20-1

50' SOUTH OF WEST
AVENUE INTERSECTION

ROAD
WORK
AHEAD
W20-1

50' EAST OF WEST
AVENUE INTERSECTION

WORK ZONE TYPICAL SECTION
STAGE 2-B
237+50 NB TO 248+75 NB



* 13.5' AT 238+50 NB VARIABLE=7.5'
* 12.6' AT 239+00 NB VARIABLE=6.6'
* 10.4' AT 240+00 NB VARIABLE=4.4'
* 8' AT 242+00 NB VARIABLE=2'
* 8' AT 245+00 NB VARIABLE=2'
* 8' AT 248+50 NB VARIABLE=2'

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

2

N

BE PREPARED TO STOP
W03-4

242+00 NB
LT 6'(WZE)

245+00 NB
LT 6'(WZE)

247+25 NB
LT 6'(WZE)

247+25 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT
254+50 NB

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 50+00

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00

3+00 4+00 5+00 6+00

TSL

246+50 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT

STOP
R1-1
36" X 36"

51+00

ROAD WORK AHEAD
W20-1

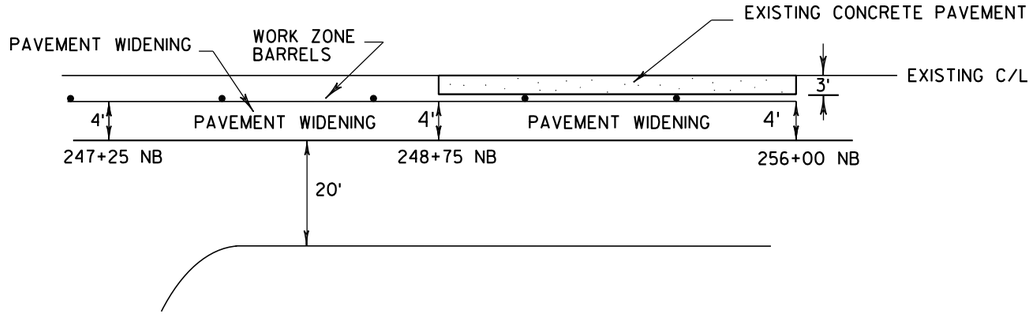
52+00

SCHICK ROAD

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

EXISTING PAVEMENT CONDITIONS RETAINED IN STAGE 2A AND PAVEMENT WIDENING



247+25 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT
254+50 NB

247+25 NB
LT 6'(WZE)

248+75 NB
LT 5'(WZE)

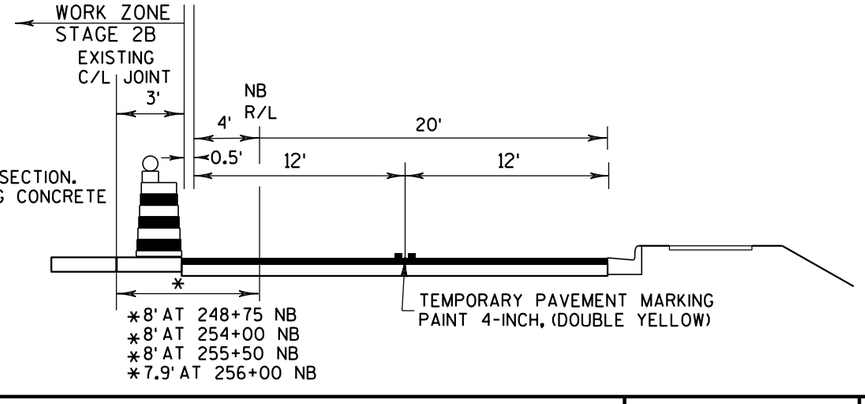
SPEED LIMIT 35
R2-1
24" X 30"

STOP
R1-1
36" X 36"

SPEED LIMIT 35
R2-1
24" X 30"

ROAD WORK AHEAD
W20-1

WORK ZONE TYPICAL SECTION
STAGE 2-B
248+75 NB TO 256+00 NB



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026067_s3.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42

2

WORK ZONE TYPICAL SECTION STAGE 2B

256+50 NB

WORK ZONE STAGE 2B

EXISTING C/L

5' | 29'

2.8' | 12' | 22'

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

261+25 NB

WORK ZONE STAGE 2B

10' | 12' | 2'

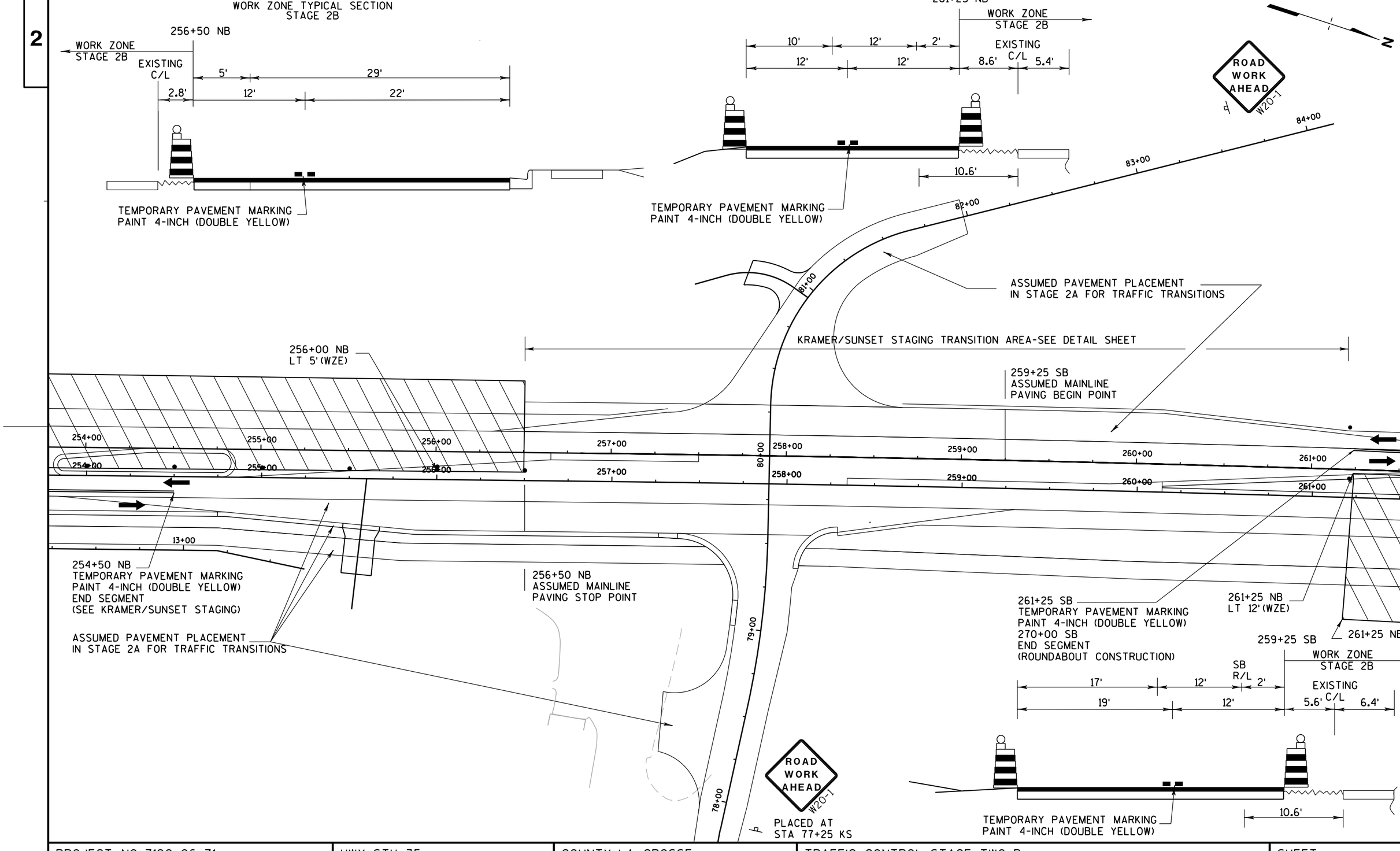
12' | 12'

EXISTING C/L

8.6' | 5.4'

10.6'

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)



ASSUMED PAVEMENT PLACEMENT
IN STAGE 2A FOR TRAFFIC TRANSITIONS

KRAMER/SUNSET STAGING TRANSITION AREA-SEE DETAIL SHEET

256+00 NB
LT 5'(WZE)

259+25 SB
ASSUMED MAINLINE
PAVING BEGIN POINT

254+50 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT
(SEE KRAMER/SUNSET STAGING)

ASSUMED PAVEMENT PLACEMENT
IN STAGE 2A FOR TRAFFIC TRANSITIONS

256+50 NB
ASSUMED MAINLINE
PAVING STOP POINT

261+25 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
270+00 SB
END SEGMENT
(ROUNDABOUT CONSTRUCTION)

261+25 NB
LT 12'(WZE)

259+25 SB

261+25 NB

WORK ZONE STAGE 2B

SB R/L

17' | 12' | 2'

19' | 12'

EXISTING C/L

5.6' | 6.4'

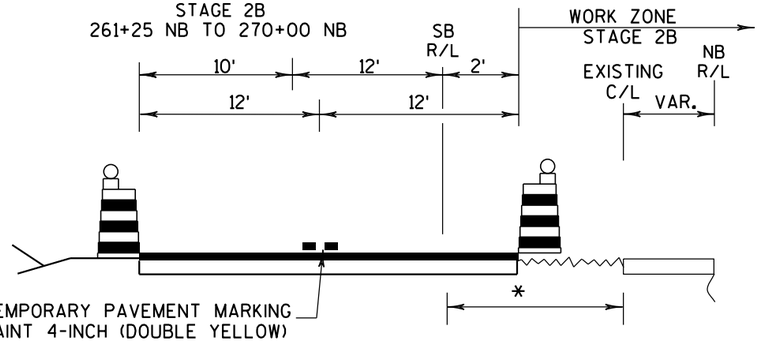
10.6'

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

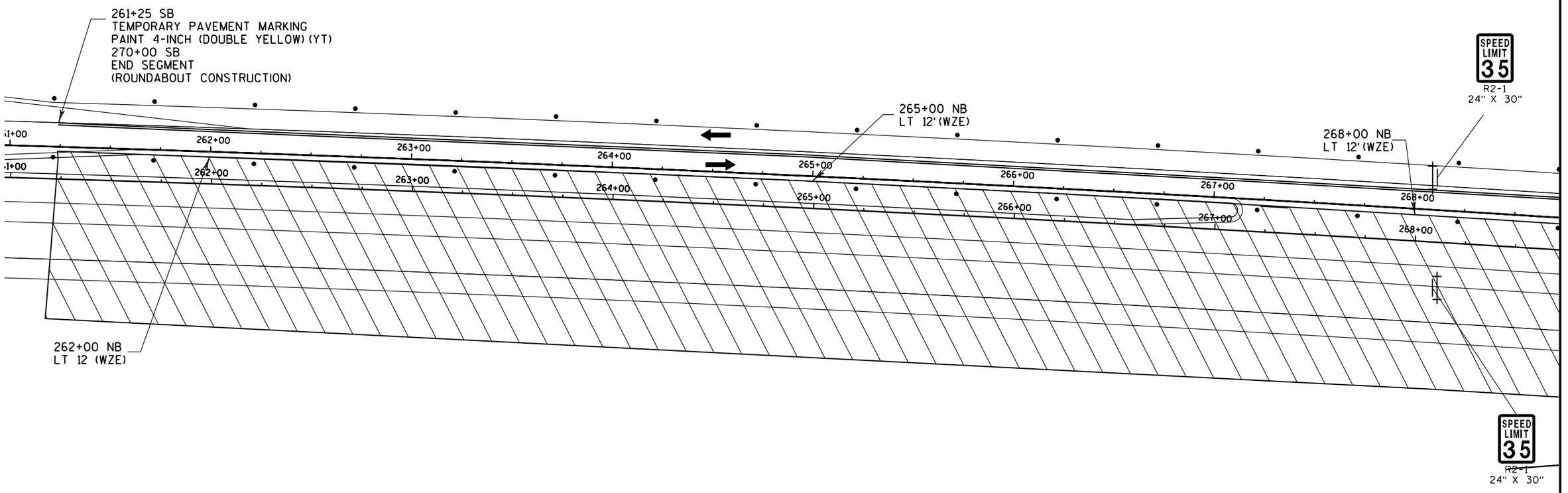
PLACED AT
STA 77+25 KS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

WORK ZONE TYPICAL SECTION
STAGE 2B
261+25 NB TO 270+00 NB



* 11' AT 262+00 SB VARIABLE=5'
* 12.5' AT 265+00 SB VARIABLE=3.5'
* 14' AT 268+00 SB VARIABLE=2'
* 15' AT 270+00 SB VARIABLE=1'



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

2

N

147+00

148+00

149+00

150+00

270+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW) (YT)
CONTINUE THROUGH
ROUNDABOUT STAGE

268+00

269+00

270+00

271+00

272+00

273+00

274+00

275+00

270+00 NB
LT 12' (WZE)

SEE ROUNDABOUT
TRAFFIC CONTROL STAGING

- CONTINUE TEMPORARY PAVEMENT MARKING PAINT 4-INCH AND DELINEATORS THROUGH ROUNDABOUT WORKZONE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026070_s3.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

147+00
148+00
149+00

TOWER

SIGN
SIGN
SIGN

SEE CORRIDOR STAGING SHEETS **

STH 35

268+00
269+00
270+00
271+00
272+00
273+00
274+00
275+00
268+00
50' (TYP.)
270+00
271+00
272+00
273+00
12'
12'
MATCHLINE 275+25

** CONTINUE TEMPORARY PAVEMENT MARKING AND DELINEATORS THROUGH ROUNDABOUT WORK ZONE.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-B	SHEET 250	E

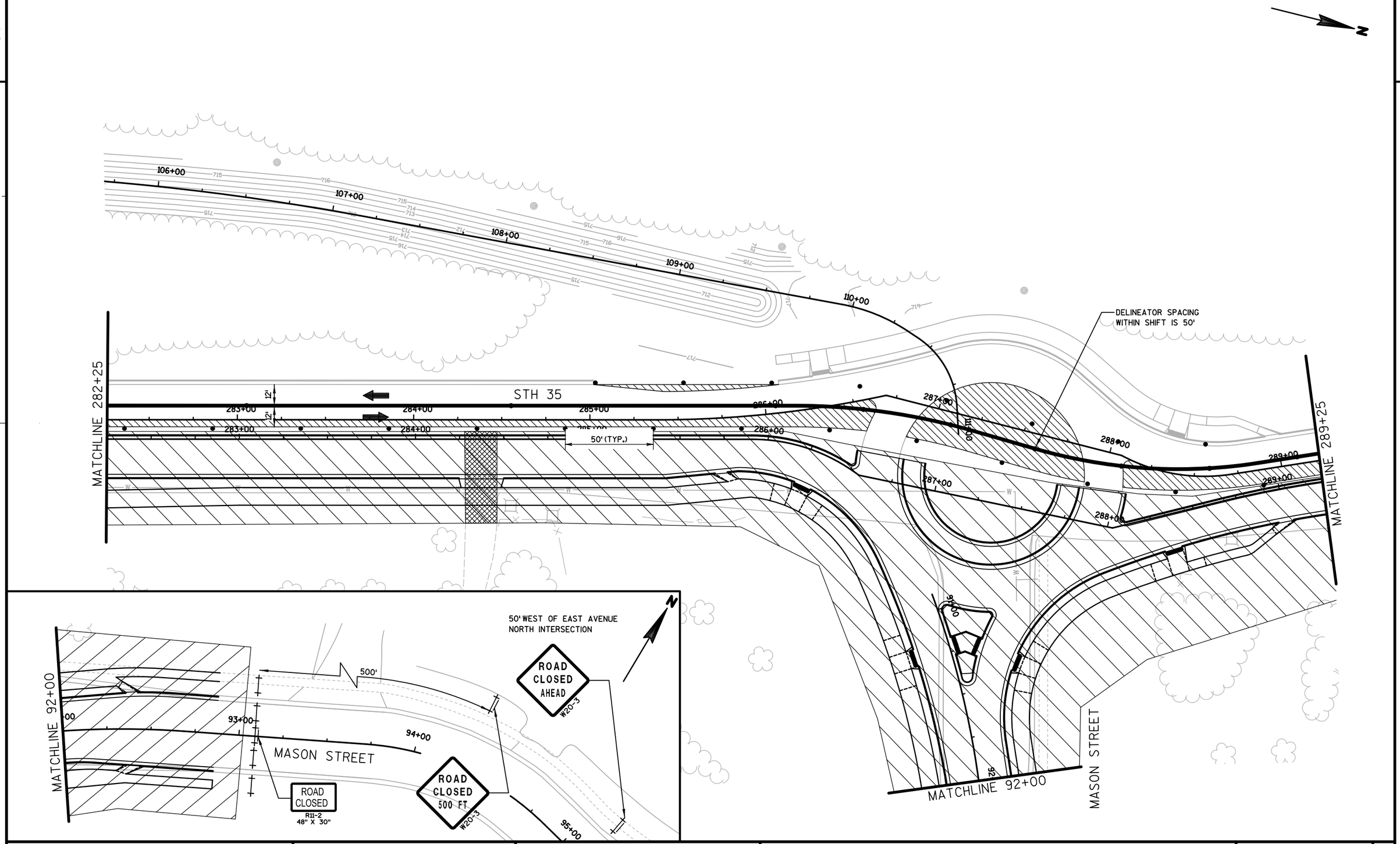
2

N

99+00
150+00
100+00
101+00
102+00
103+00
104+00
105+00
5+00
6+00
15+00
350'
ROAD WORK AHEAD
W20-1
YIELD
R1-2
36" X 31"
DO NOT ENTER
R5-1
30" X 30"
R3-1
24" X 24"
10' (TYP.)
MATCHLINE 275+25
275+00
276+00
277+00
278+00
279+00
280+00
281+00
282+00
50' (TYP.)
12'
STH 35
MATCHLINE 282+25
R3-2
24" X 24"
SIGN
157+00
154+00
RIDERS CLUB ROAD
MATCHLINE 154+25
155+00
156+00
500'
ROAD CLOSED
500 FT
W20-3
ROAD CLOSED AHEAD
W20-3
50' WEST OF 3RD AVENUE NORTH INTERSECTION
ROAD CLOSED
R11-2
48" X 30"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-B	SHEET 251	E

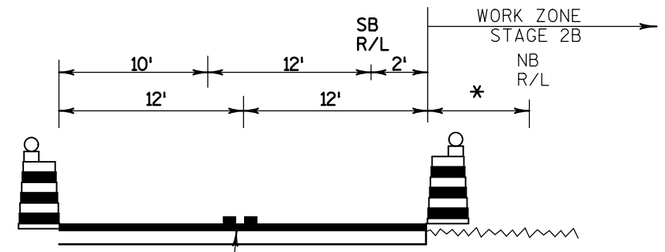
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-B	SHEET 252	E

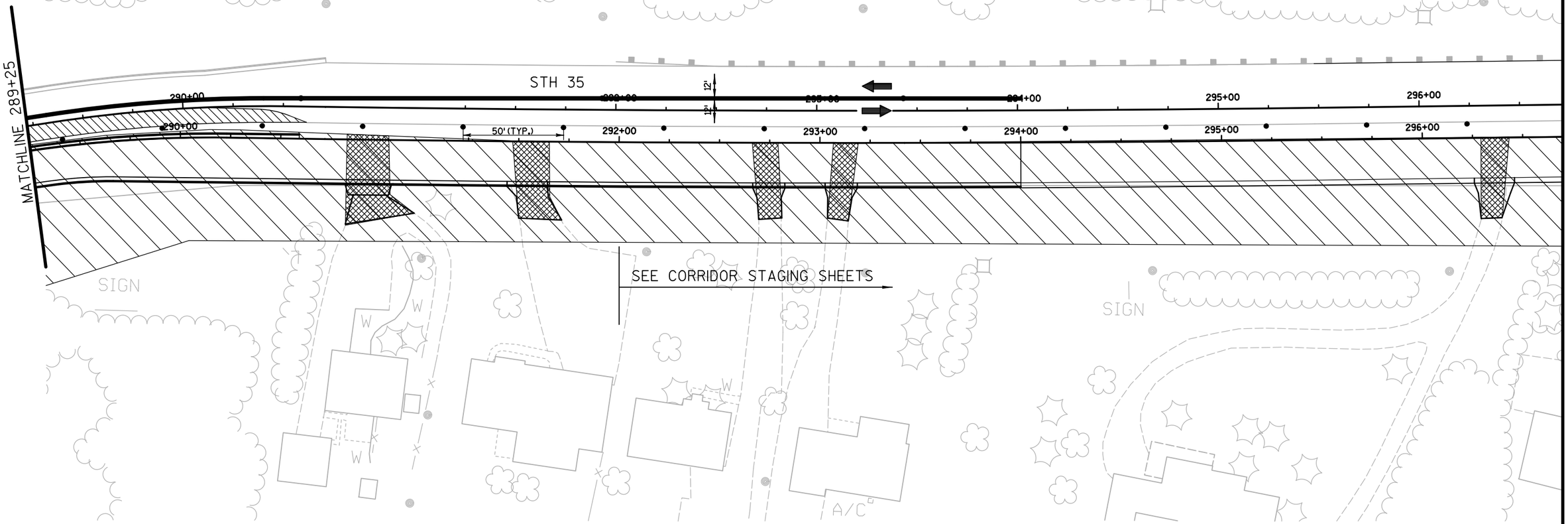
2

WORK ZONE TYPICAL SECTION
STAGE 2B
292+00 NB TO 299+00 NB



TEMPORARY PAVEMENT MARKING
4-INCH (DOUBLE YELLOW)

* 14' AT 292+00 NB
* 14' AT 295+00 NB
* 14' AT 299+00 NB

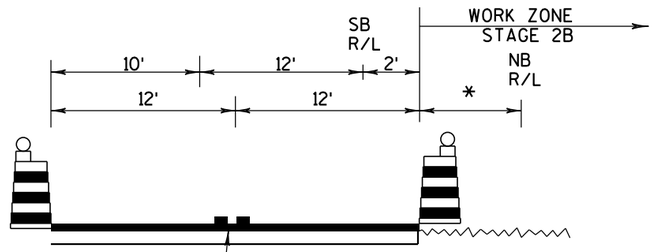


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE TWO-B	SHEET 253	E

2

2

WORK ZONE TYPICAL SECTION
STAGE 2B
292+00 NB TO 299+00 NB



TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

* 14' AT 292+00 NB
* 14' AT 295+00 NB
* 14' AT 299+00 NB

N

292+00 NB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
299+50 SB
END SEGMENT

290+00
292+00
293+00
294+00
295+00
296+00

SEE ROUNDABOUT
TRAFFIC CONTROL
STAGING

292+00 NB
LT 10'(WZE)

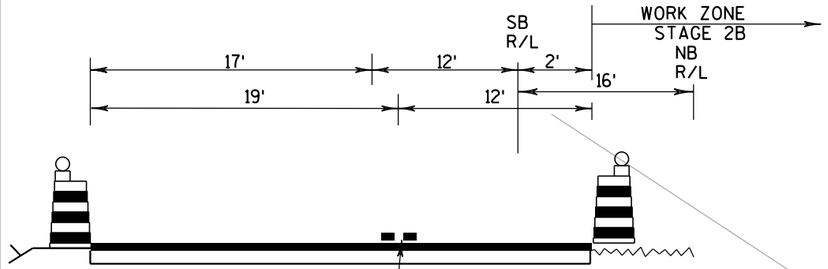
295+00 NB
LT 10'(WZE)

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026073_s3.dgn PLOT DATE : 28-JUL-2015 08:34 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

WORK ZONE TYPICAL SECTION
STAGE 2B
300+75 NB



TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

299+50 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)
END SEGMENT

STOP
R1-1
36" X 36"

300+50 SB TO
302+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH DOUBLE YELLOW (YT)

300+70.54 SB
LT 29'

302+02.084 SB
LT 29'

302+00 NB
LT 12')WZE)

303+10.17 SB
LT 22'

EXISTING CONCRETE PAVEMENT

STOP
R1-1
36" X 36"

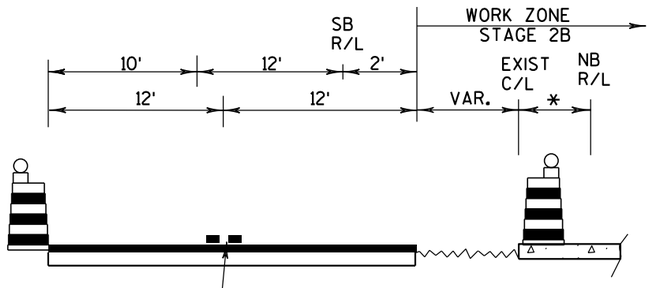
300+75 NB
LT 12'(WZE)

CTH Z STAGING
SEE DETAIL SHEET
309+50 NB

LOOSE
GRAVEL
W8-7
30" X 30"

ROAD
WORK
AHEAD
W20-1

WORK ZONE TYPICAL SECTION
STAGE 2B
303+25 NB TO 307+25



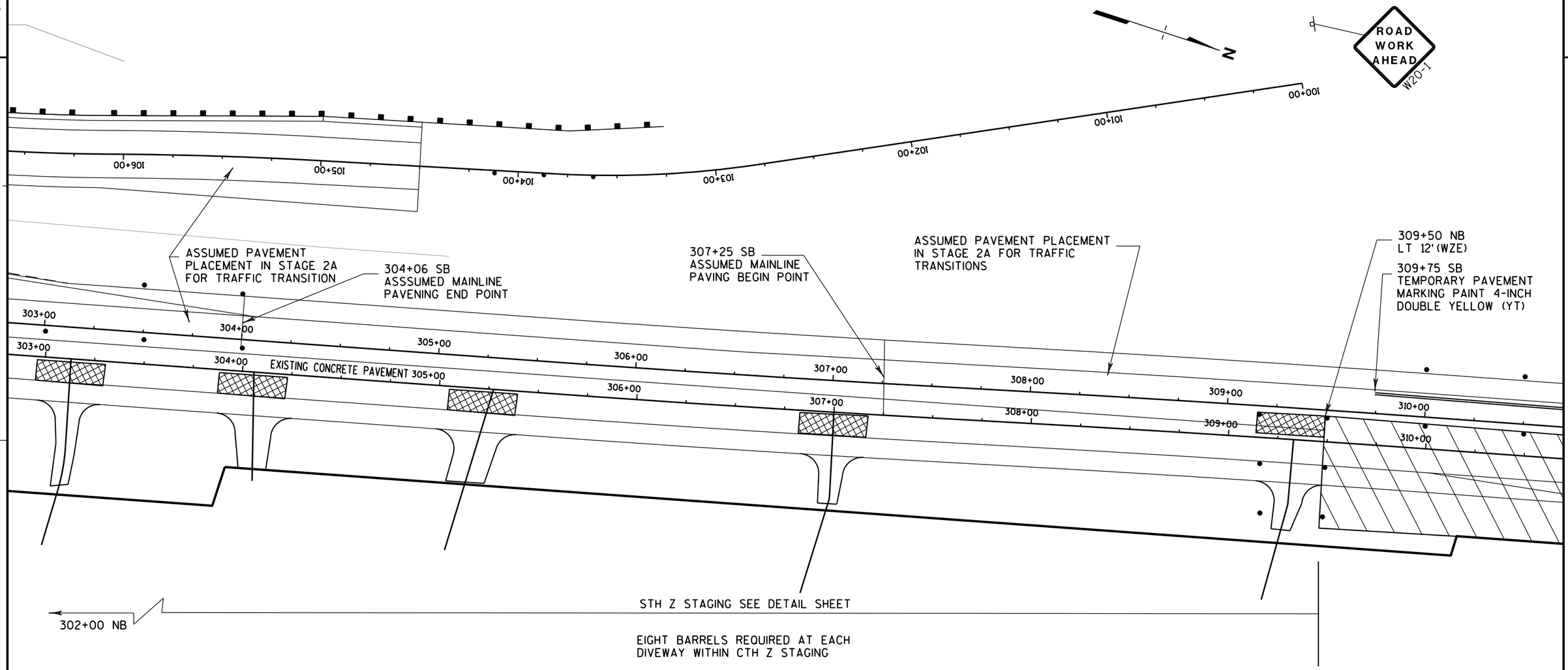
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

* 11' AT 303+25 NB VARIABLE=3'
* 11' AT 304+00 NB VARIABLE=3'
* 9.8' AT 307+25 NB VARIABLE=4.2'

· TRANSITION BARREL PLACEMENT WHEN
EXISTING CONCRETE IS REMOVED

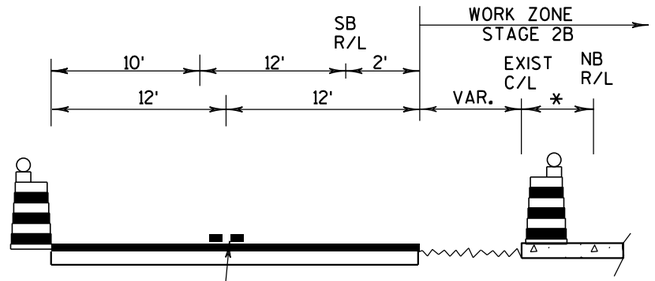
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2



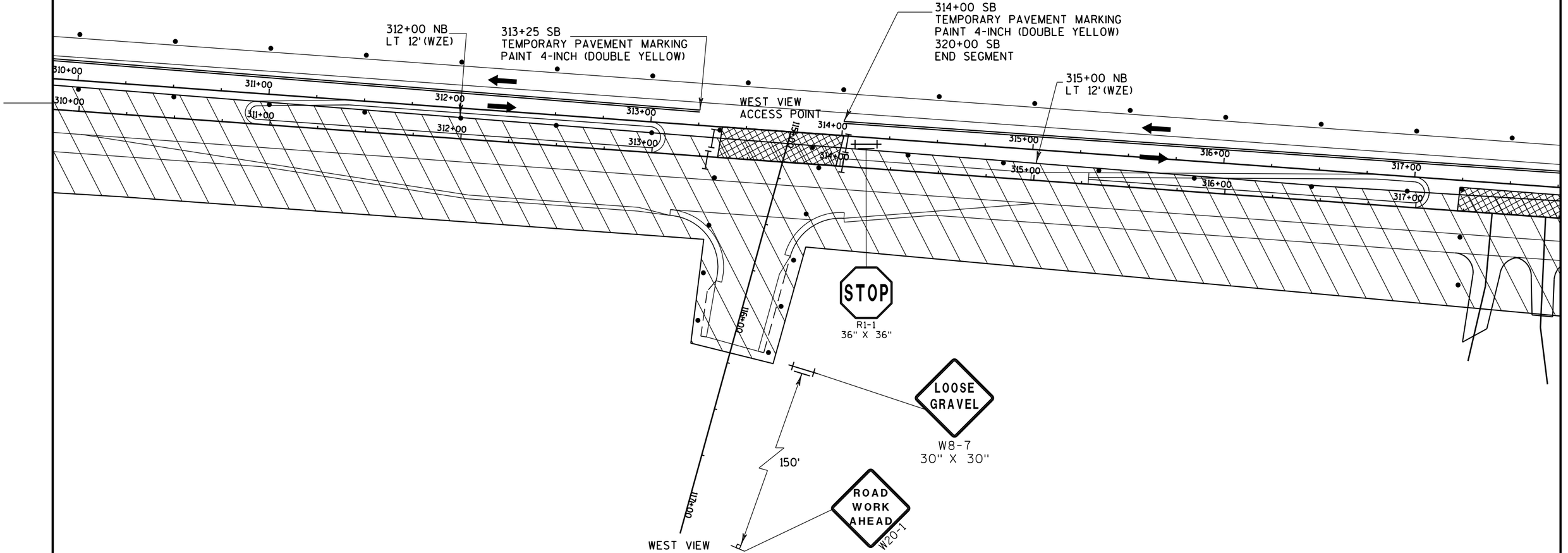
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

WORK ZONE TYPICAL SECTION
STAGE 2B
307+25 NB to 321+00 NB



TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

* 9.8' AT 307+75 NB VARIABLE=4.2'
* 7.1' AT 309+50 NB VARIABLE=6.9'
* 7.1' AT 312+00 NB VARIABLE=6.9'
* 7.1' AT 315+00 NB VARIABLE=6.9'
* 7.1' AT 321+00 NB VARIABLE=6.9'



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026076_s3.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42

2

N

SPEED LIMIT 35

R2-1
24" X 30"

320+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW) (YT)

ASSUMED PAVEMENT PLACEMENT
LIMIT IN STAGE 2A FOR TRAFFIC
TRANSITIONS

321+50 SB
ASSUMED MAINLINE SB
PAVING END POINT

324+00 SB
LT 12' (WZE)

STAGE 2B
WORKZONE

318+00
319+00
320+00
321+00
322+00
323+00
324+00
125+00
126+00
127+00

320+00 NB
LT 12' (WZE)

STAGE 2B WORKZONE

STOP
R1-1
36" X 36"

ADJUST LOCATION TO
MAINLINE ENTRY POINT

LOOSE
GRAVEL
W8-7
30" X 30"

324+75 NB
RT 12' (WZE)

324+00 SB
ASSUMED MAINLINE
PAVING BEGIN POINT

CLOVERDALE STAGING TRANSITION AREA, SEE DETAIL SHEET

CLOVERDALE

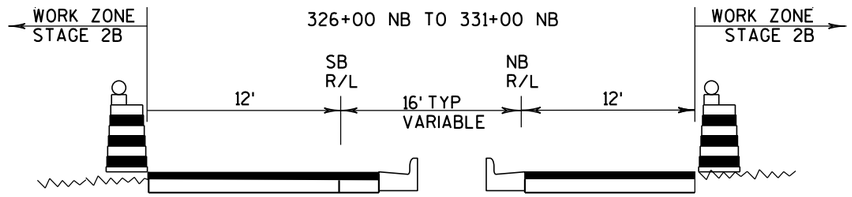
ROAD
WORK
AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

N

WORK ZONE TYPICAL SECTION
STAGE 2B



324+00 SB
LT 12' (WZE)

W6-3
36" X 36"

135+00

136+00

137+00

138+00

139+00

330+02 SB
LT 12' (WZE)

BE
PREPARED
TO STOP

W3-4
36" X 36"

331+05 SB
LT 14' (WZE)

324+00

325+00

326+00

327+00

328+00

329+00

330+00

331+00

324+75 NB
RT 12' (WZE)

330+01 NB
RT 12' (WZE)

331+03 NB
RT 14' (WZE)

STOP

R1-1
36" X 36"

CLOVERDALE
STAGING LIMIT
324+75 NB
SEE DETAIL SHEET

LOOSE
GRAVEL

W8-7
30" X 30"

ROAD
WORK
AHEAD

W20-1

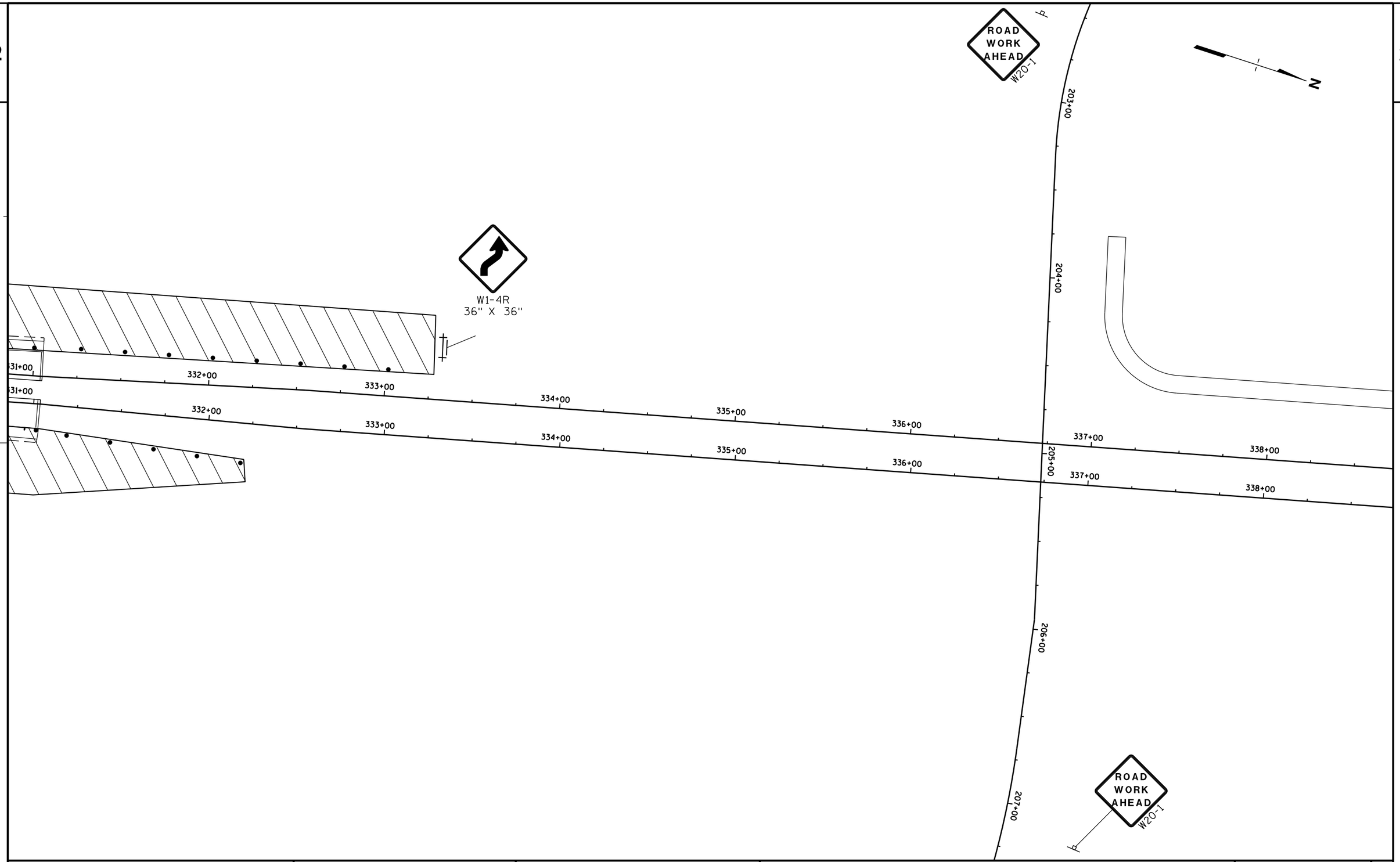
300'

ROAD
WORK
AHEAD

W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

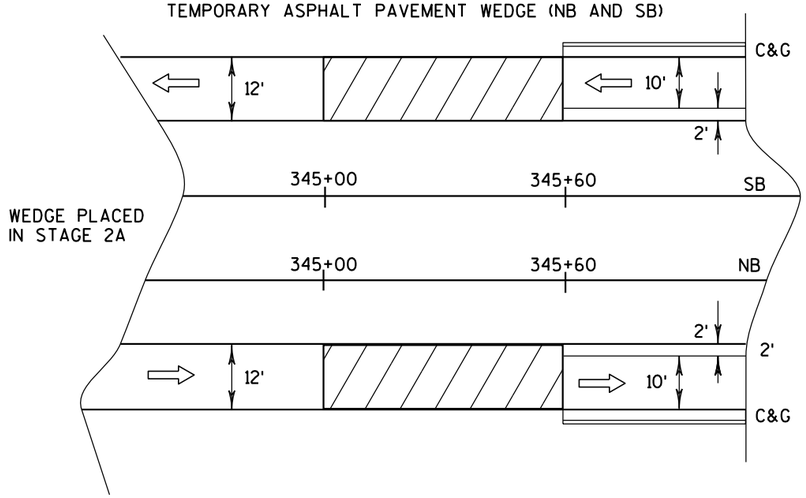
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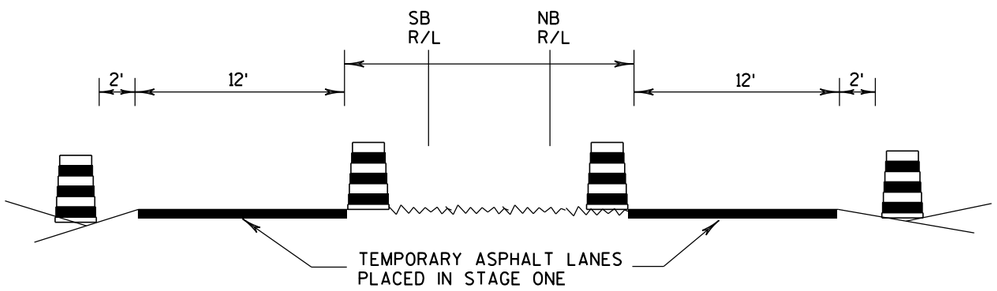
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

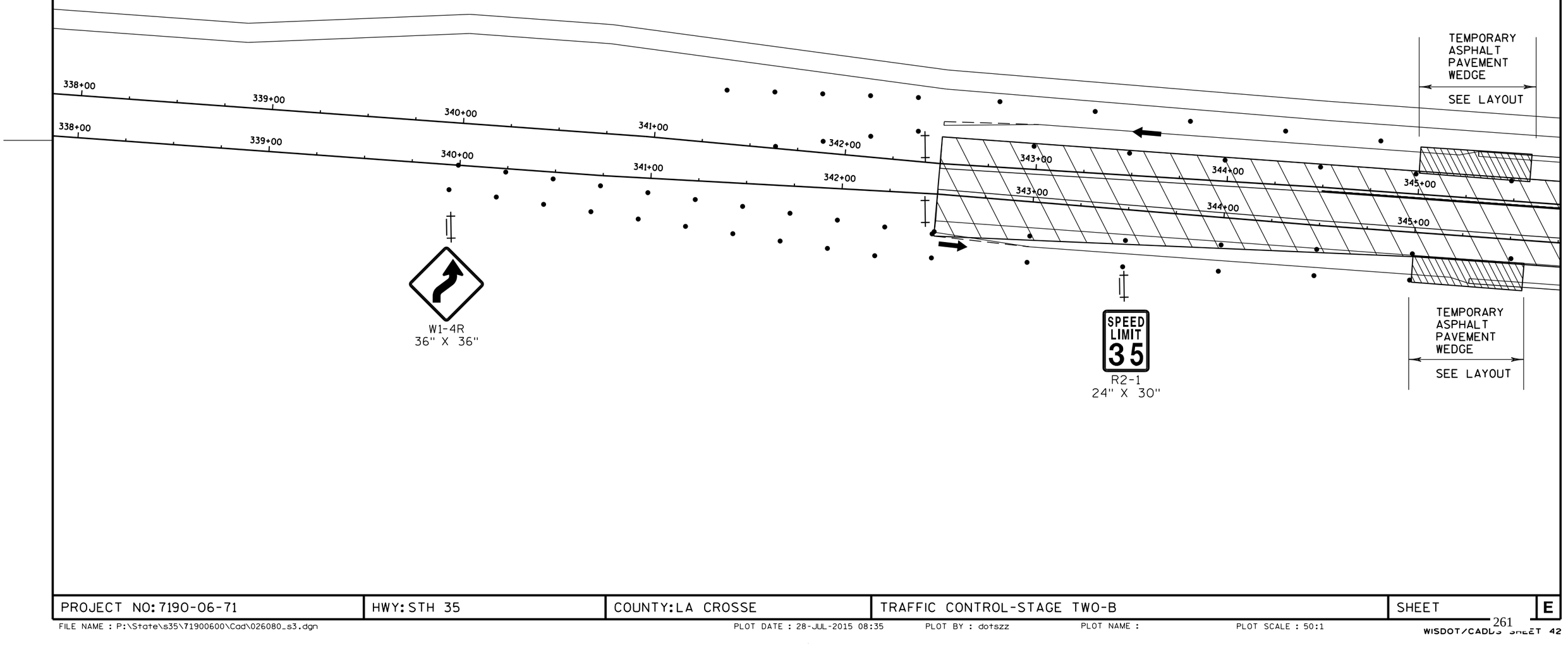
TEMPORARY ASPHALT PAVEMENT WEDGE (NB AND SB)



WORK ZONE TYPICAL SECTION
STAGE 2B

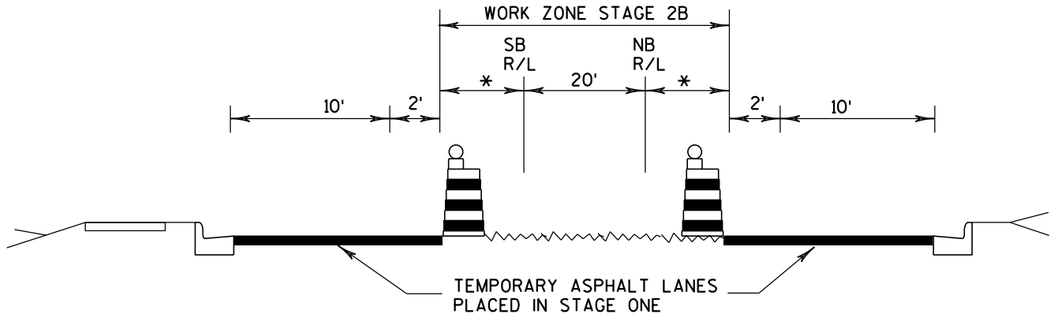


WORK ZONE STAGE 2B
342+50 NB TO 345+50 NB



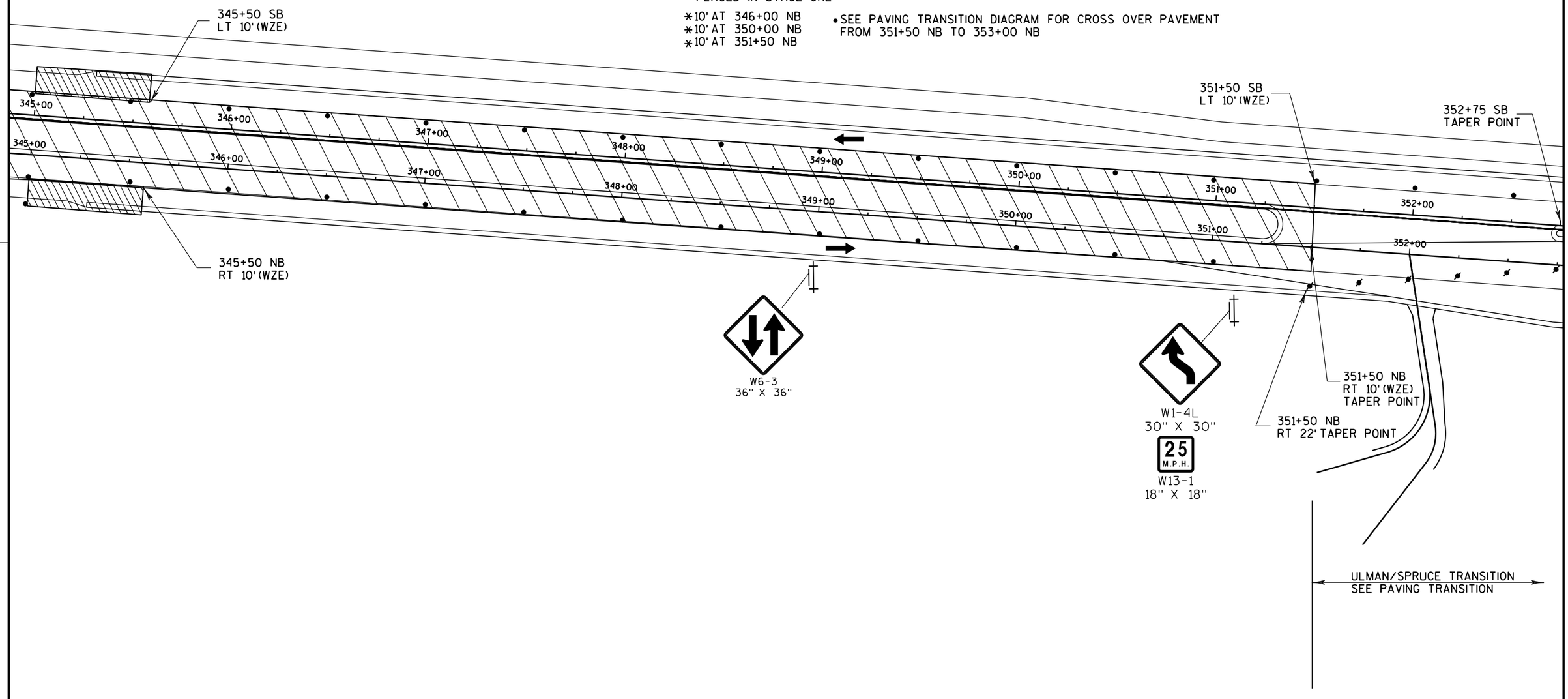
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

WORK ZONE TYPICAL SECTION
STAGE 2B
345+50 NB TO 351+91 NB



*10' AT 346+00 NB
*10' AT 350+00 NB
*10' AT 351+50 NB

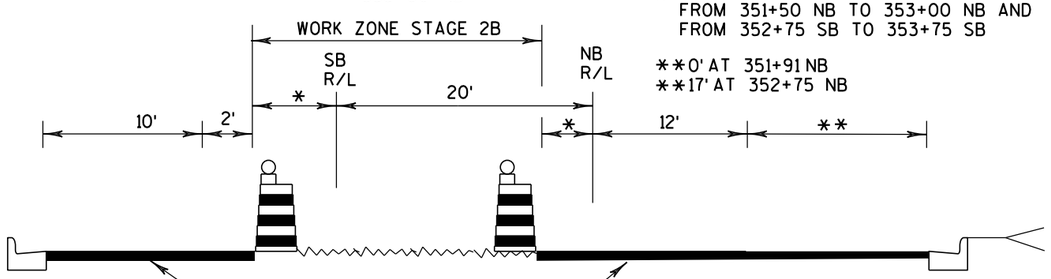
•SEE PAVING TRANSITION DIAGRAM FOR CROSS OVER PAVEMENT FROM 351+50 NB TO 353+00 NB



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

WORK ZONE TYPICAL SECTION
STAGE 2B
355+00 NB

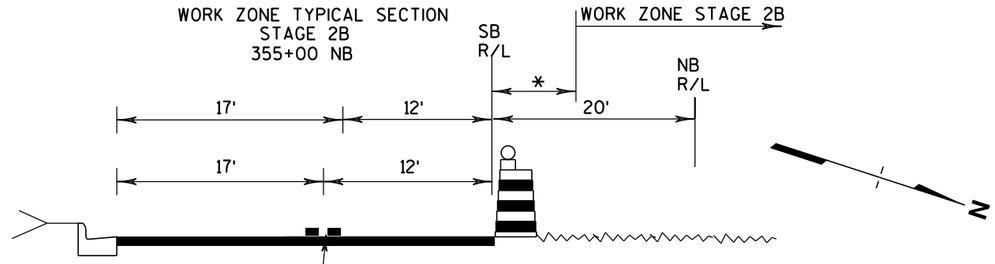


* SEE PAVING TRANSITION DIAGRAM FOR CROSS OVER PAVEMENT FROM 351+50 NB TO 353+00 NB AND FROM 352+75 SB TO 353+75 SB

**0' AT 351+91 NB
**17' AT 352+75 NB

TEMPORARY ASPHALT LANES PLACED IN STAGE ONE

WORK ZONE TYPICAL SECTION
STAGE 2B
355+00 NB



TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

* 2' PAVEMENT WIDTH TRANSITION FROM 357+00 SB TO 357+52 SB

ROAD WORK AHEAD W20-1

DELINEATOR POSTS (ISLAND SHAPE)

352+75 SB TAPER POINT

TEMPORARY PAVEMENT MARKING PAINT (DOUBLE YELLOW) (YT) (ISLAND SHAPE FORM)

354+50 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH DOUBLE YELLOW (YT)
362+00 SB
END SEGMENT

KEEP RIGHT
R4-52R
24" X 24"

ROAD WORK AHEAD W20-1

BE PREPARED TO STOP W03-4

160+00 161+00 162+00 163+00 164+00 165+00
141+00
352+00 353+00 354+00 355+00 356+00 357+00 358+00 359+00
142+00

352+75 NB TAPER POINT

353+75 NB TAPER POINT (WZE)

ULMAN/SPRUCE TRANSITION
SEE PAVING TRANSITION

357+00 SB
RT 0'-2'357+52 NB

357+52 NB
LT 16'(WZE)

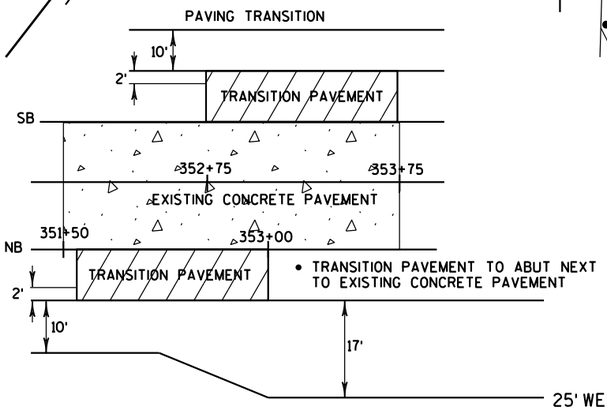
STOP
R1-1
36"X36"

LOOSE GRAVEL
W8-7
30" X 30"

ROAD WORK AHEAD W20-1
25' WEST OF HACKBERRY INTERSECTION

ROAD WORK AHEAD W20-1
AT HACKBERRY INTERSECTION

PAVING TRANSITION



• TRANSITION PAVEMENT TO ABUT NEXT TO EXISTING CONCRETE PAVEMENT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

SCOTT DRIVE

RYAN AVE

165+00 166+00 167+00 168+00 169+00

95+00 96+00 182+00

ROAD WORK AHEAD W20-1

STOP R1-1 36"X36"

361+00 NB
LT 18'(WZE)

362+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)(YT)

362+50 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)(YT)

365+00 NB
LT 18'(WZE)

TSL

359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

SPRING LANE

LOOSE GRAVEL W8-7 30" X 30"

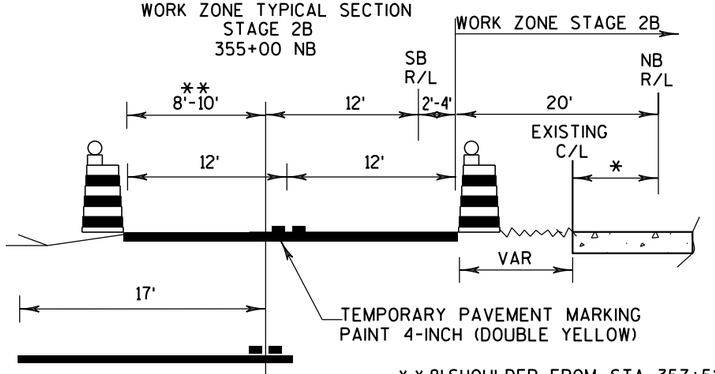
STOP R1-1 36"X36"

ROAD WORK AHEAD W20-1

ROAD WORK AHEAD W20-1

ALONG HACKBERRY

WORK ZONE TYPICAL SECTION
STAGE 2B
355+00 NB



TURNS BAYS, SCOTT DRIVE & EVERGREEN

*9.3' AT 357+00 NB, VARIABLE=8.7'
*9.3' AT 361+00 NB, VARIABLE=8.7'
*9.3' AT 365+00 NB, VARIABLE=8.7'
*9.3' AT 369+00 NB, VARIABLE=8.7'
*9.4' AT 376+00 NB, VARIABLE=8.6'
*9.4' AT 380+00 NB, VARIABLE=8.6'
*13.9' AT 383+50 NB, VARIABLE=4.1'

**8' SHOULDER FROM STA 357+52 TO STA 361+35, WZE LT 16' NB RL IN THAT AREA

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

2

ROAD WORK AHEAD
W20-1

EVERGREEN

68+00

69+00

STOP
R1-1
36"X36"

371+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW) (YT)

372+00 SB
TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW) (YT)

TSL

367+00
368+00
369+00
370+00
371+00
372+00
373+00

70+00

369+00 NB
LT 18'(WZE)

71+00

72+00

STOP
R1-1
36"X36"

DO NOT PASS
R4-1
24" X 30"

LOOSE GRAVEL
W8-7
30" X 30"

ROAD WORK AHEAD
W20-1

WALDEN

10+00
11+00
12+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026084_s3.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42

2

N

73+00

374+00

375+00

376+00

377+00

378+00

379+00

380+00

376+00 NB
LT 18'(WZE)

380+00 NB
LT 18'(WZE)

PI 380+91.24

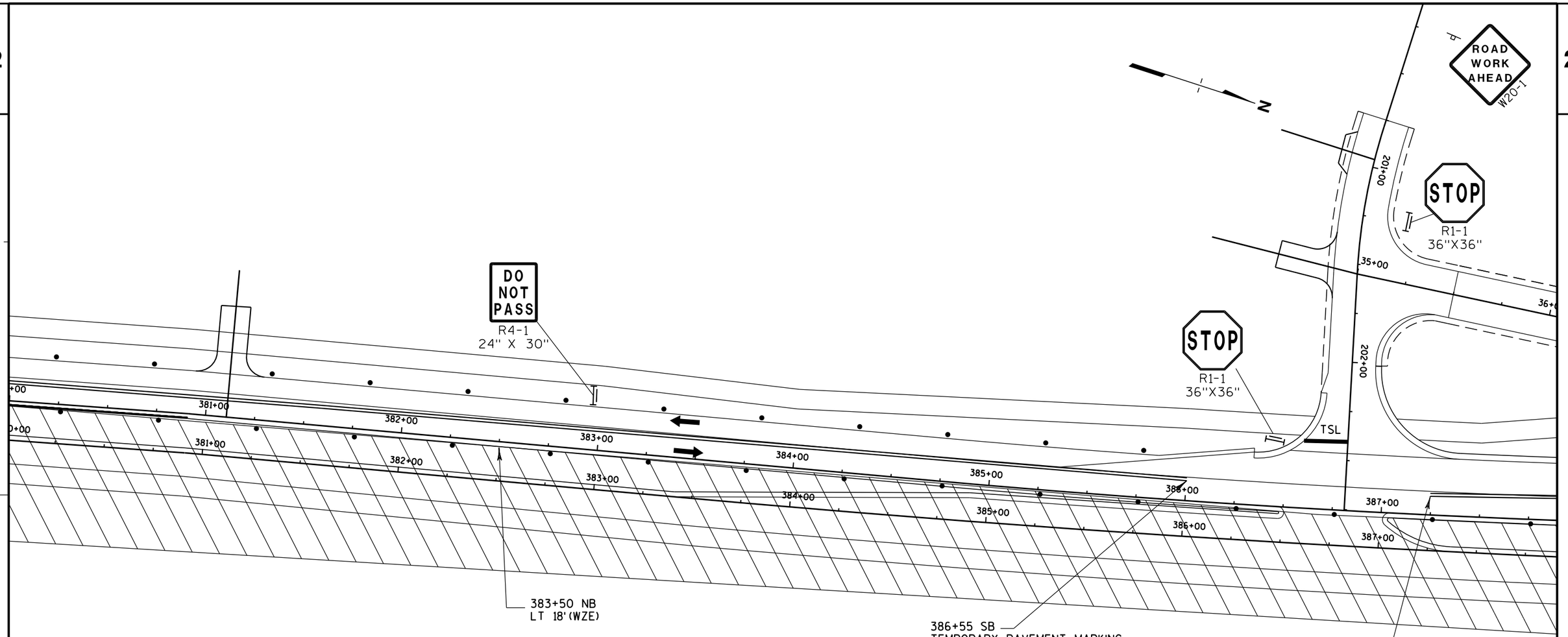
13+00

PI 13+34.10

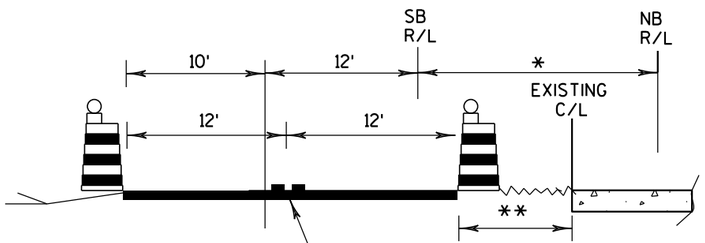
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FILE NAME : P:\State\s35\71900600\Cad\026085_s3.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2



WORK ZONE TYPICAL SECTION
STAGE 2B
383+50 NB TO 385+85 NB



*20' AT 383+50 NB, ** =4.1'
*19.5' AT 384+50 NB, **=2.3'
*18.2' AT 385+85 NB, **=0.9'

TEMPORARY PAVEMENT MARKING
PAINT 4-INCH (DOUBLE YELLOW)

- BARREL ON EXISTING PAVEMENT UNTIL REMOVAL AT 385+85 NB

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

DELINEATOR POSTS SPACED AT 25'
FROM 389+00 SB TO 392+00 SB WITH
TEMPORARY PAVEMENT MARKING
PAINT 4 -INCH (DOUBLE YELLOW)

ROAD WORK AHEAD
W20-1

W6-3
36" X 36"

DO NOT PASS
R4-1
24" X 30"

STOP
R1-1
36"X36"

389+00 SB, LT 11'

36+00 37+00 38+00 K1540 * K541 26+00 27+00

388+00 388+00 389+00 389+00 390+00 390+00 391+00 392+00 392+00 393+00 393+00 394+00 394+00

389+00 SB
(WZE) TAPER POINT

392+00 NB
LT 3'(WZE)
TAPER POINT

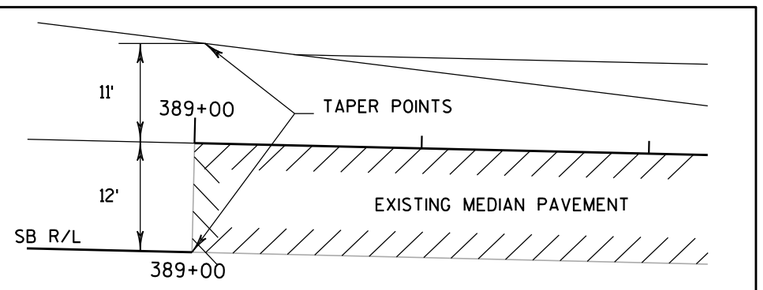
392+75 NB
RT 15'
TAPER POINT

W1-4R
30" X 30"

25
M.P.H.
W13-1
18" X 18"

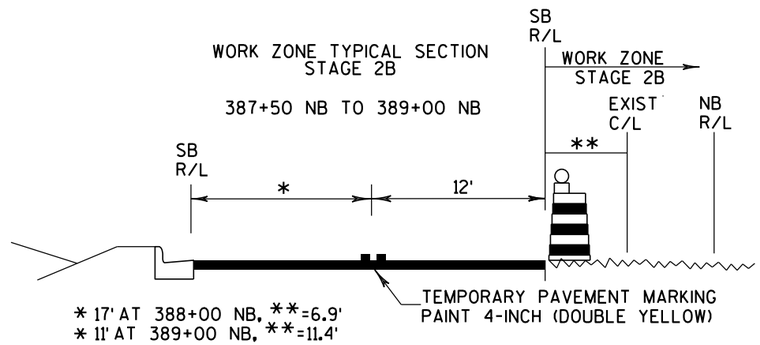
EXISTING MEDIAN PAVEMENT
(ASPHALT) UTILIZED IN TEMPORARY
LANES

KEEP RIGHT
R4-52R
24" X 24"



WORK ZONE TYPICAL SECTION
STAGE 2B

387+50 NB TO 389+00 NB

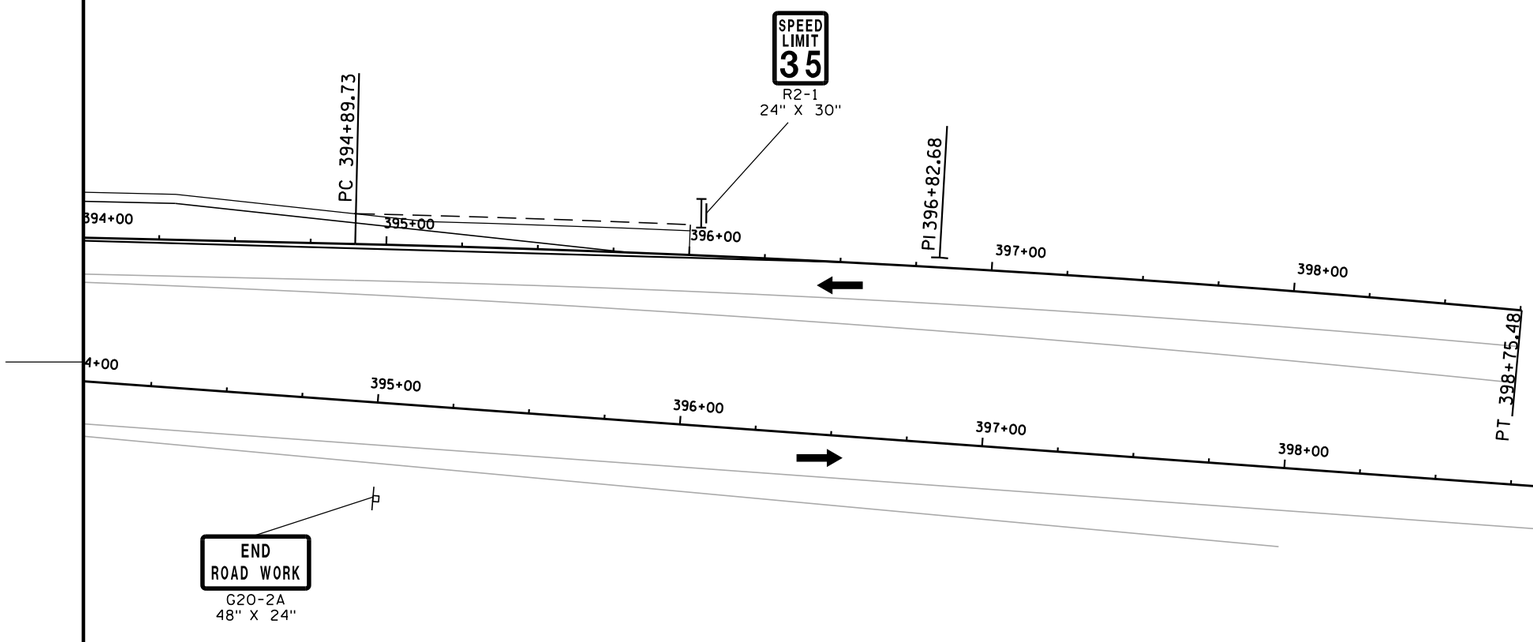


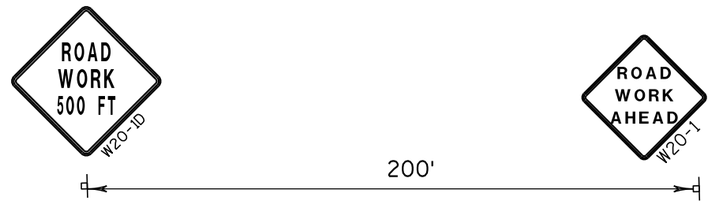
* 17' AT 388+00 NB, **=6.9'
* 11' AT 389+00 NB, **=11.4'

- AT 389+00 NB, MATCH INTO EXISTING 12' WIDE EXISTING CONCRETE PAVEMENT
- UTILIZE MEDIAN EXISTING PAVEMENT IN CROSS OVER CONNECTION TO EXISTING NB PAVEMENT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2





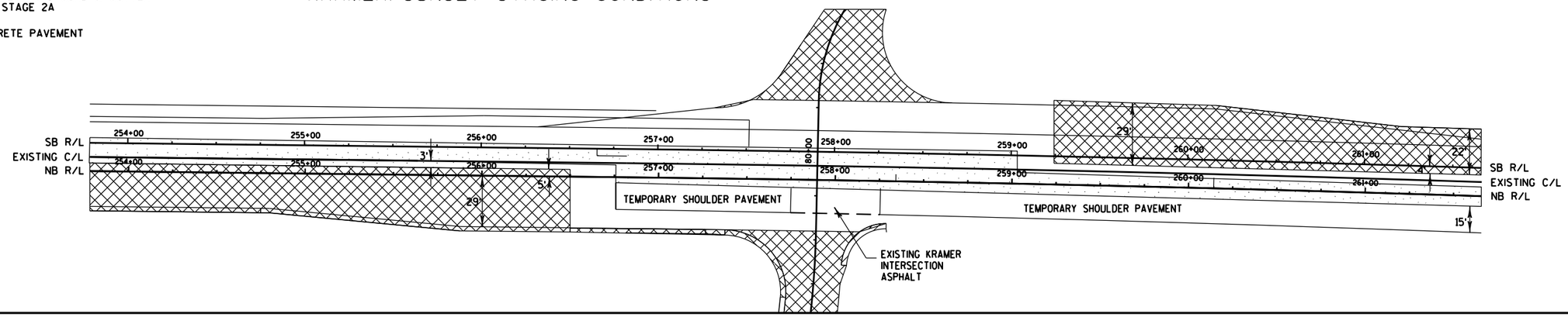
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE TWO-B	SHEET	E

2

ASSUMED PAVEMENT AND CURB & GUTTER PLACEMENT IN STAGE 2A

EXISTING CONCRETE PAVEMENT

KRAMER/SUNSET STAGING CONDITIONS



2

ASSUMED PAVEMENT AND CURB & GUTTER PLACEMENT IN STAGE 2A

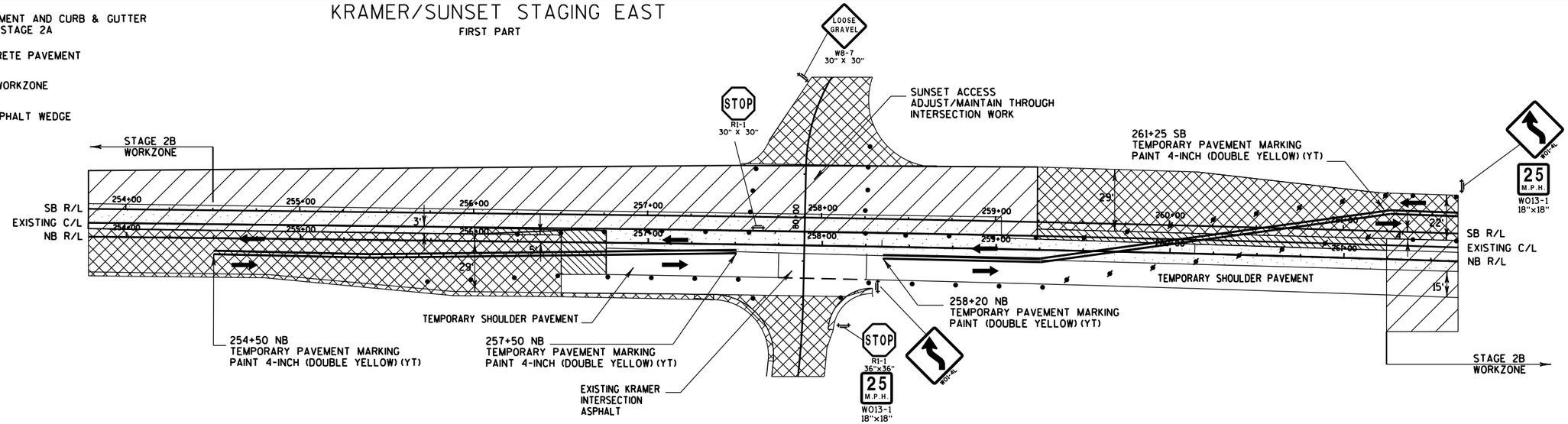
EXISTING CONCRETE PAVEMENT

INTERSECTION WORKZONE

TEMPORARY ASPHALT WEDGE

KRAMER/SUNSET STAGING EAST

FIRST PART



ASSUMED PAVEMENT AND CURB & GUTTER PLACEMENT IN STAGE 2A

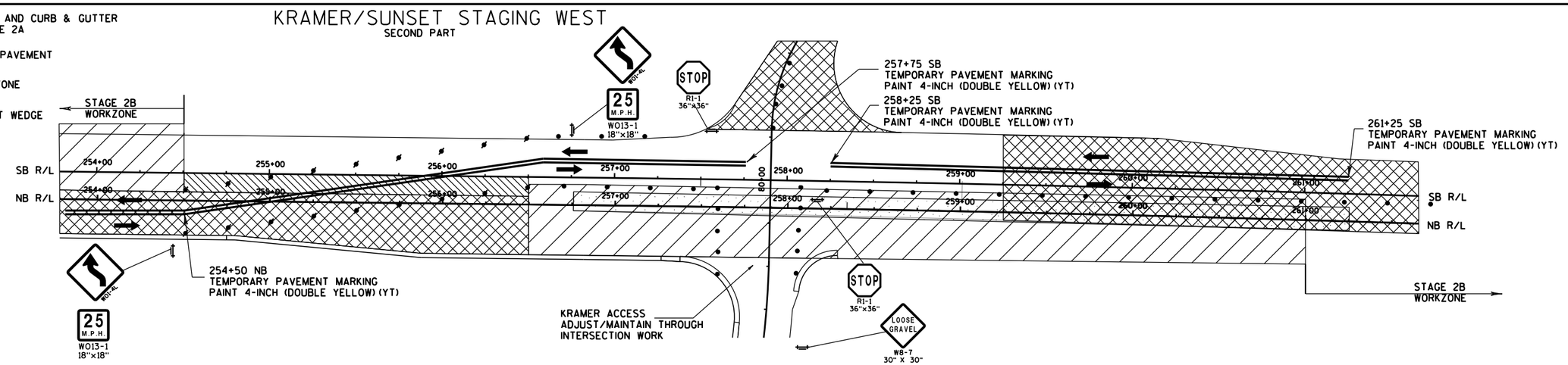
EXISTING CONCRETE PAVEMENT

INTERSECTION WORKZONE

TEMPORARY ASPHALT WEDGE

KRAMER/SUNSET STAGING WEST

SECOND PART



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	KRAMER/SUNSET STAGING CONDITIONS-STAGE TWO-B	SHEET	E

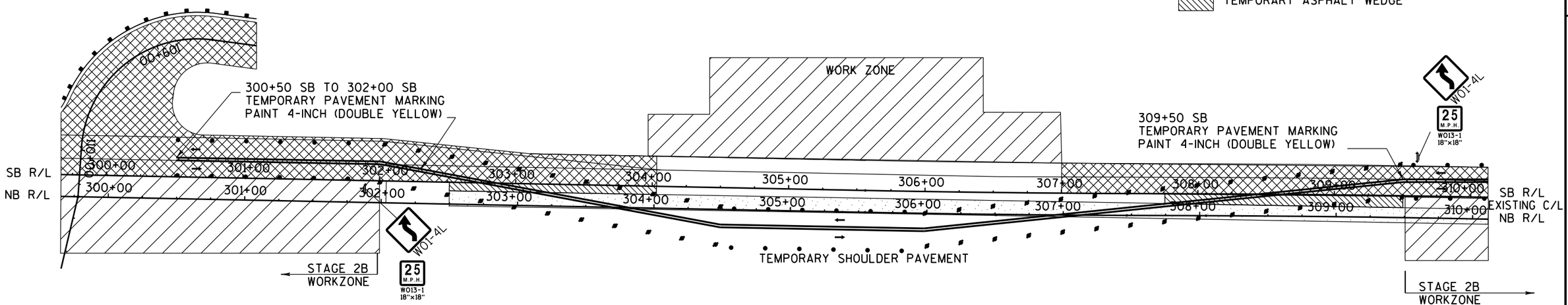
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WISDOT/CADDS SHEET 42

2

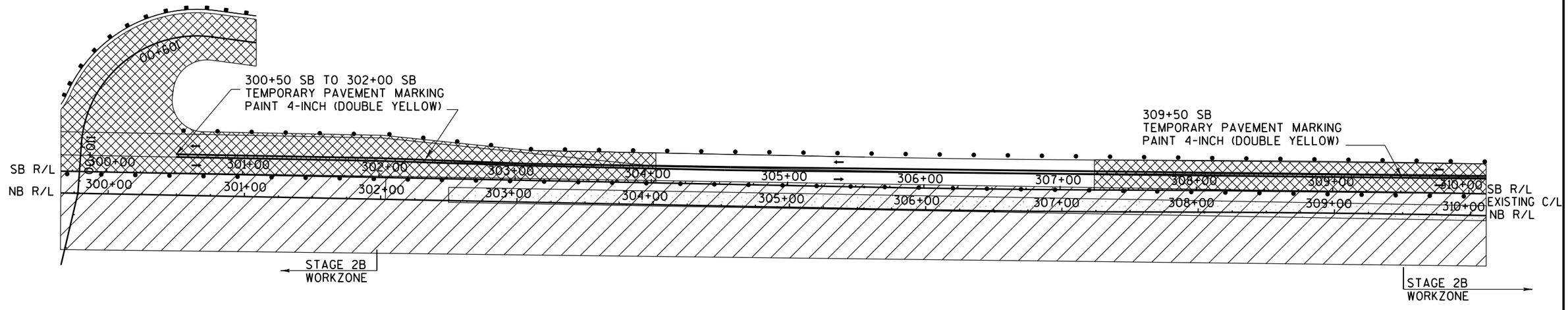
CTH Z STAGING EAST

FIRST PART



CTH Z STAGING WEST

SECOND PART



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CTH Z STAGING CONDITIONS-STAGE TWO-B	SHEET	E

2

ASSUMED PAVEMENT AND CURB & GUTTER PLACEMENT IN STAGE 2A

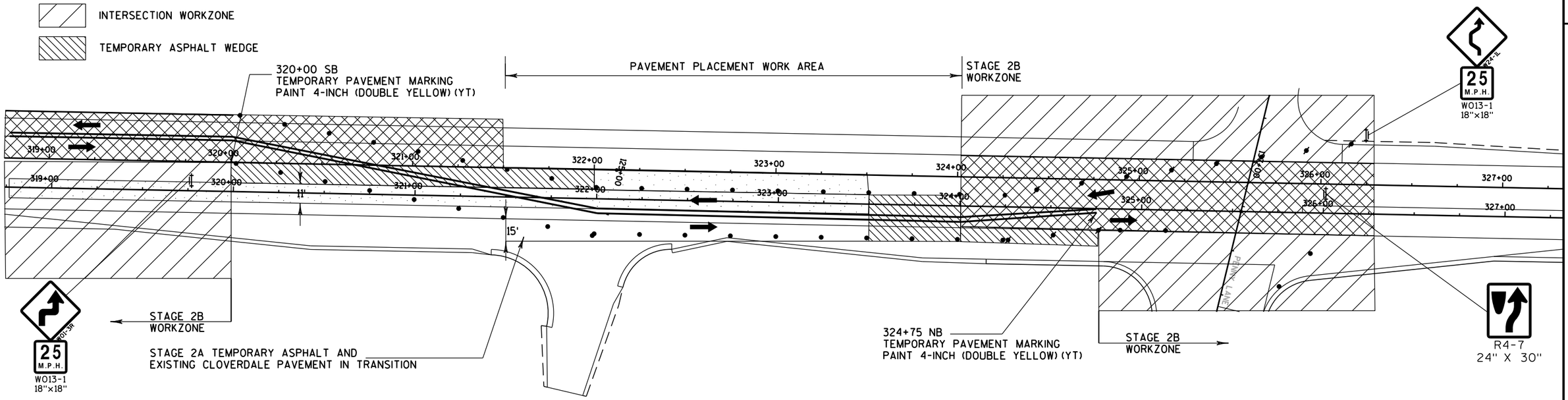
EXISTING CONCRETE PAVEMENT

INTERSECTION WORKZONE

TEMPORARY ASPHALT WEDGE

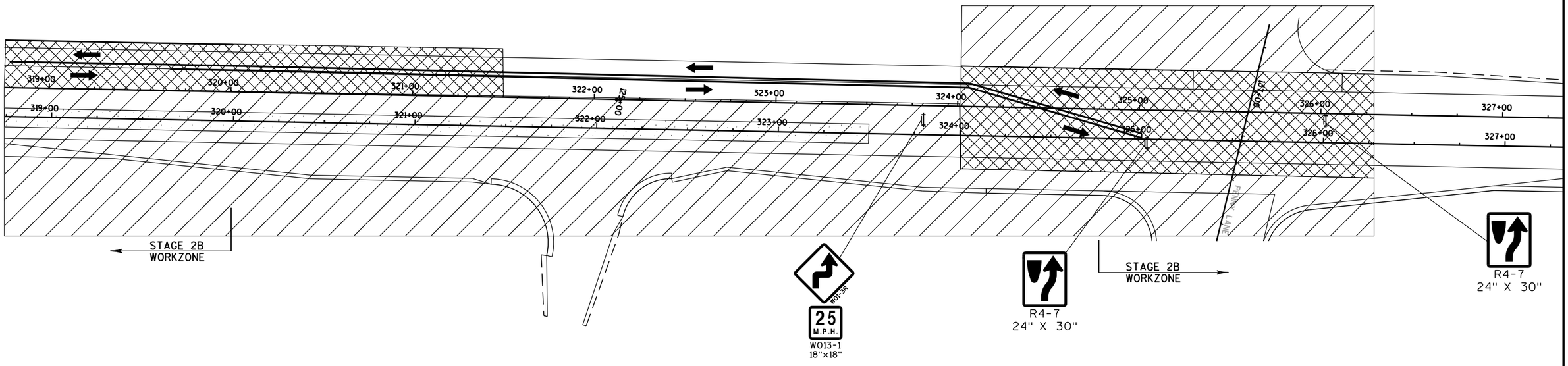
CLOVERDALE STAGING TRANSITION EAST

FIRST PART



CLOVERDALE STAGING TRANSITION WEST

SECOND PART



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CLOVERDALE STAGING CONDITIONS-STAGE TWO-B	SHEET	E

2

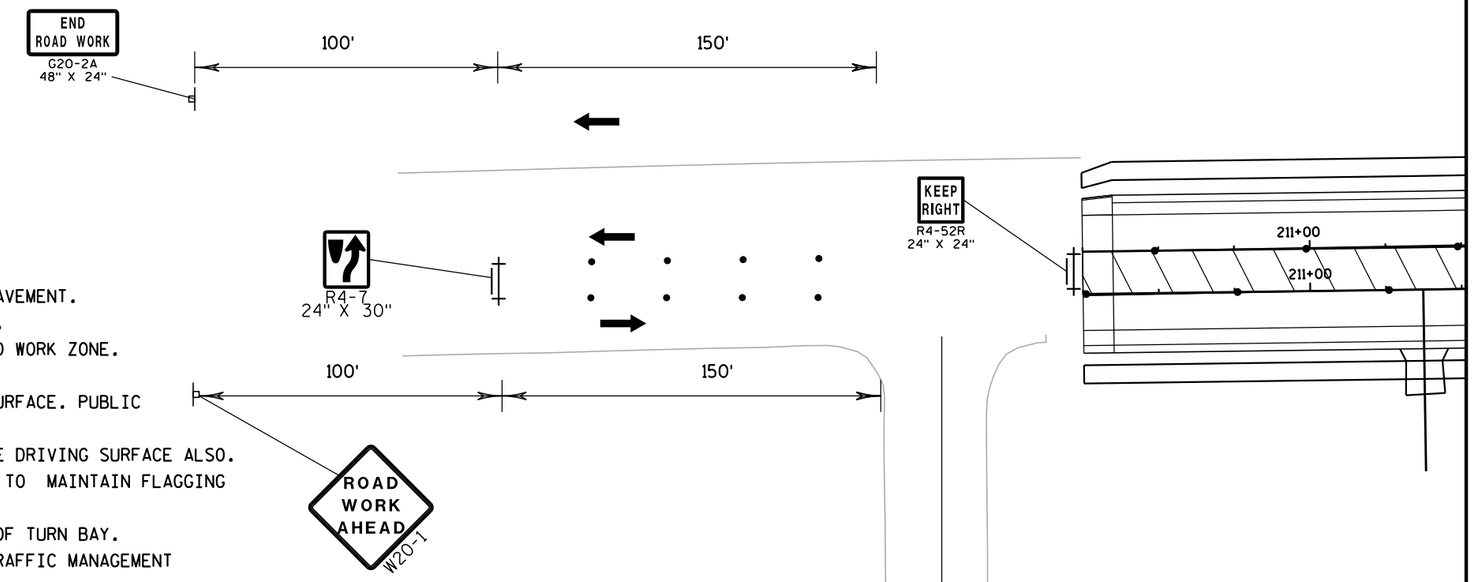
LEGEND

- TRAFFIC CONTROL DRUM WITH TYPE 'C' WARNING LIGHT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- WORK ZONE AREA
- PROPERTY ACCESS LOCATION AND STREET/ROAD ACCESS
- TYPE 'A' WARNING LIGHT
- TEMPORARY SURFACE ASPHALTIC
- TUBULAR MARKER
- SAFETY FENCE
- SAW CUT
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY PAVEMENT MARKING PAINT 4-INCH

STAGE THREE ABBREVATIONS

TSL= TEMPORARY STOP LINE

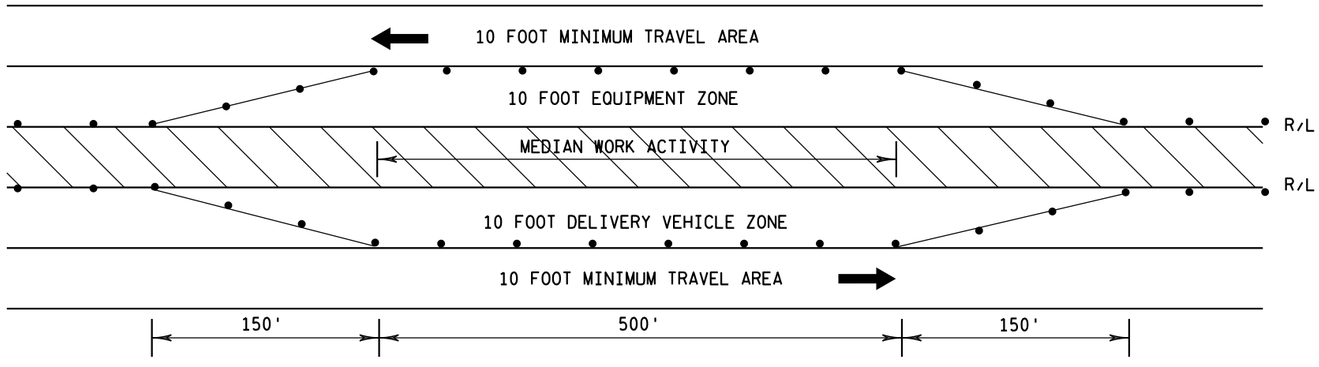




STAGE THREE TRAFFIC CONTROL NOTES

1)WORK ZONE ACTIVITY IS PRIMARILY IN MEDIAN TO CONSTRUCT ISLANDS AND TO PLACE MEDIAN PAVEMENT.
2)MAINTAIN 12' THROUGH LANES FOR STH 35. ADJUST BARREL WIDTH IN MEDIAN TO PERFORM WORK.
3)BARREL SPACING IS TO BE 50' UNLESS OTHERWISE NOTED. BARREL PLACEMENT IS TO INDICATED WORK ZONE. ADJUST PLACEMENT TO OFFSET FROM DRIVEWAY ENTRANCE.
4)MAINTAIN CROSS ACCESS POINTS FRO PUBLIC STREETS AS INDICATED WITH SUITABLE DRIVING SURFACE. PUBLIC CROSS ACCESS IS TO BE MAINTAINED AT 35' UN WIDTH UNLESS OTHERWISE NOTED.
PRIVATE CROSS ACCESS IS TO BE MAINTAINED DURING AND AFTER WORKING HOURS WITH SUITABLE DRIVING SURFACE ALSO. FOR PRIVATE CROSS ADDRESS DURING WORK HOURS WHERE ACTIVITY IS PRESENT. CONTRACTOR IS TO MAINTAIN FLAGGING OPERATIONS TO GUIDE VEHICLES AWAY FROM WORK ZONE AND TO PROPERTY DESTINATION.
5)UPON COMPLETION OF TURN BAY ISLANDS, ADJUST/REMOVE BARREL LAYOUT TO ALLOW FOR USAGE OF TURN BAY.
6)CONTRACTOR TO UTILIZE MAINLINE CORRIDOR MEDIAN WORK ZONE PLAN AS DEPICTED. MODIFY TRAFFIC MANAGEMENT UPON APPROVAL FROM PROJECT ENGINEER.

TYPICAL MAINLINE CORRIDOR MEDIAN WORK ACCOMODATIONS



NOTES:
1. PLANNED ACTIVITY IS CURB AND GUTTER PLACEMENT OR MEDIAN PAVEMENT PLACEMENT. MAY BE APPLIED TO OTHER REQUIRED CONTRACTOR ACTIVITY
2. ADJUST MEDIAN BARRELS TO 150' TAPER.
3. DAYTIME OPERATION ONLY
4. REVERSE TO COMPLETE WORK ON OPPOSITE SIDE.

PROJECT NO:7190-06-71	HWY:STH 35	COUNTY:LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

N

PROJECT PRIVATE/COMMERCIAL
ACCESS POINT
SEE STAGE 3 TRAFFIC CONTROL
NOTES TO ACCOMODATE THE VARIOUS
ACCESS POINTS

QUINCY STREET
CROSS ACCESS

211+00
212+00
213+00
214+00
215+00
216+00
217+00
218+00

SPEED LIMIT 25
R2-1
24" X 30"

TSL

11+00

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

12+00

C.L 84+

ROAD WORK AHEAD
W20-1

13+00

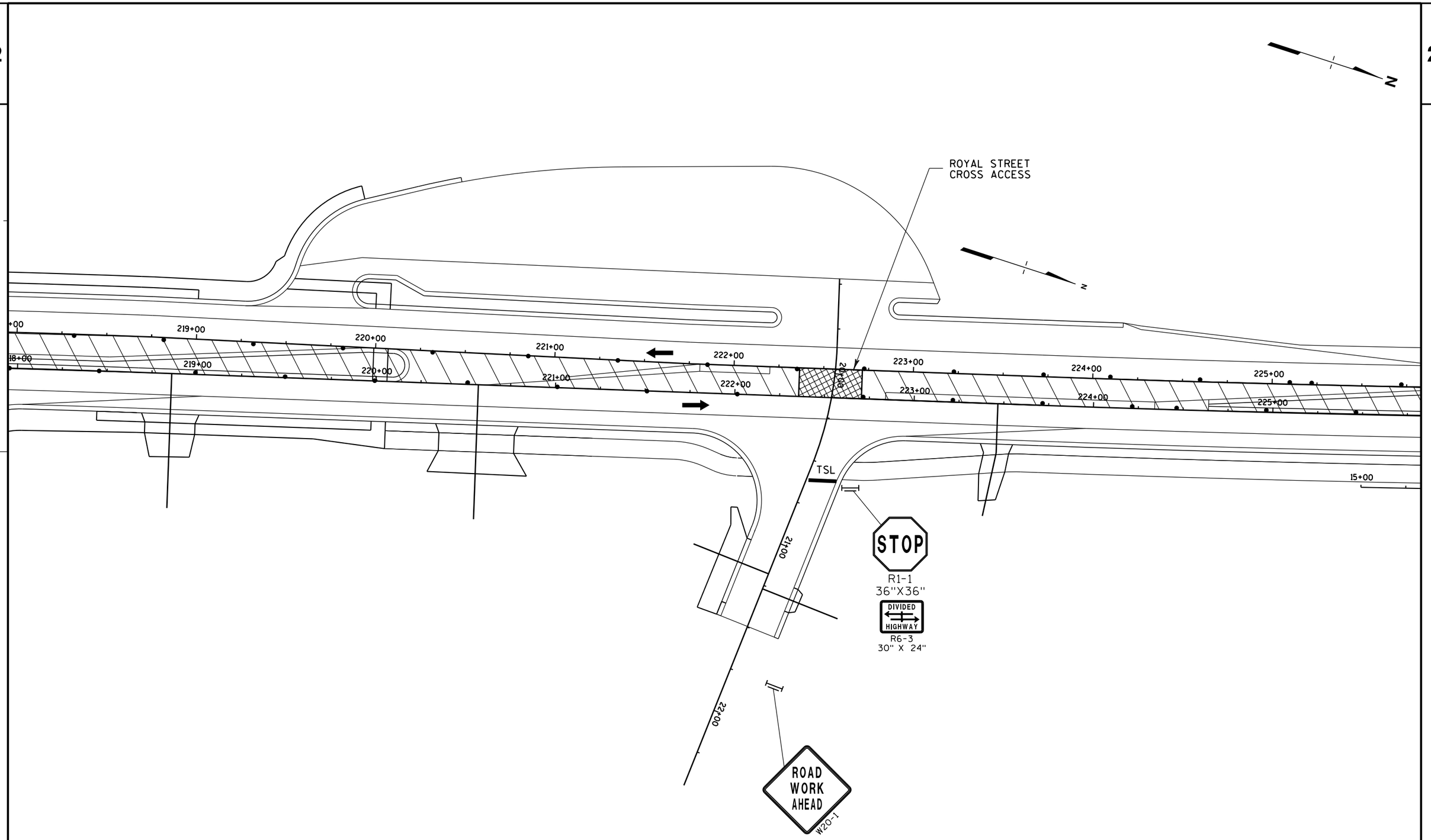
50' WEST OF 4TH AVE
INTERSECTIONS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026102_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026103_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

SPEED LIMIT 25
R2-1
24" X 30"

SPRUCE STREET
CROSS ACCESS

226+00
227+00
228+00
229+00
230+00
231+00
232+00
233+00

TSL

STOP
R1-1
36"X36"

SPEED LIMIT 35
R2-1
24" X 30"

DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD
W20-1

31.00'
65'
32.00'

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026104_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

TROY STREET
CROSS ACCESS

50+00

60+00

TSL

41+00

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

42+00

ROAD WORK AHEAD
W20-1

50' SOUTH OF WEST AVE
INTERSECTION

ROAD WORK AHEAD
W20-1

50' EAST OF WEST AVE
INTERSECTION

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026105_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50.0001:1

2

2

N

BE PREPARED TO STOP W03-4

SCHNICK ROAD CROSS ACCESS

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 50+00

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00

3+00 4+00 5+00 6+00

TSL

51+00

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

52+00

ROAD WORK AHEAD W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026106_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

247+00
50
247+00
248+00
248+00
249+00
249+00
250+00
250+00
251+00
251+00
252+00
252+00
253+00
253+00
254+00
254+00

TSL

4+00
5+00
6+00
10+00
11+00
12+00
13+

51+00

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

52+00

ROAD WORK AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026107_s4.dgn PLOT DATE : 28-JUL-2015 08:35 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD W20-1

84+00

83+00

82+00

81+00

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

TSL

SUNSET VISTA/KRAMER
CROSS ACCESS

254+00
255+00
256+00
257+00
258+00
259+00
260+00
261+00

13+00

TSL

79+00

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD W20-1

78+00

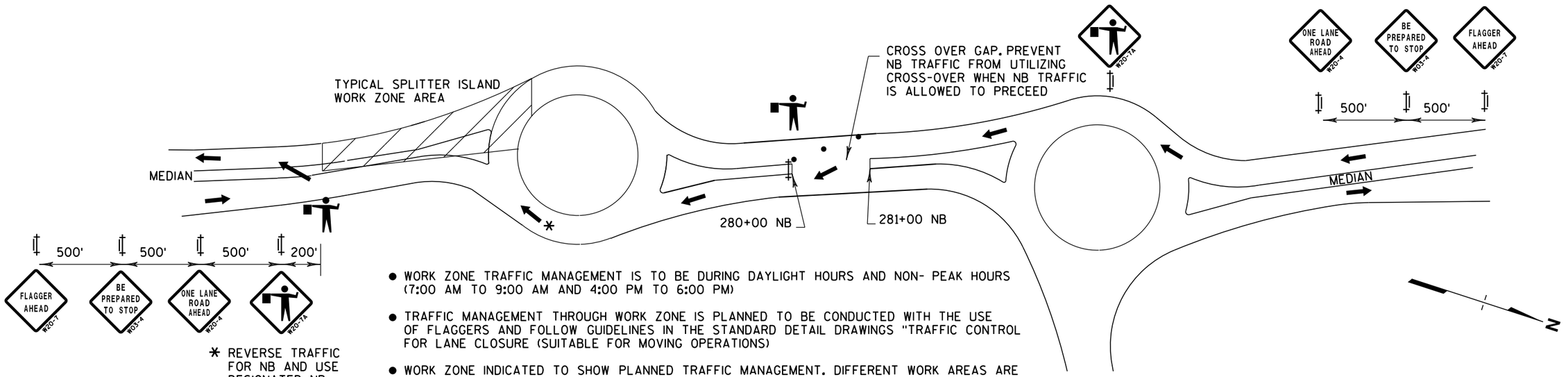
PLACED AT 77+25 KS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

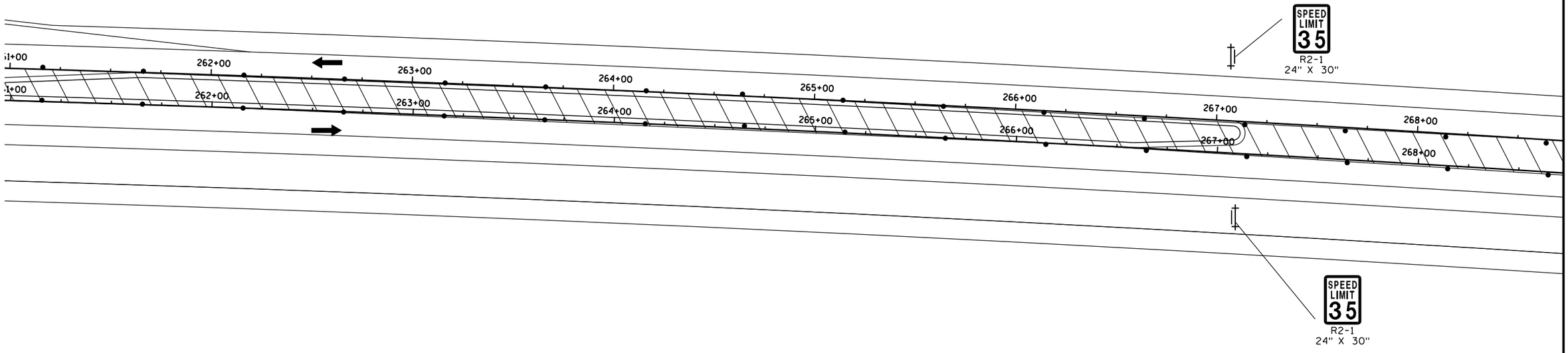
2

ISLAND CONSTRUCTION STAGING FOR ROUNDABOUTS

CURB AND GUTTER, SIDEWALK, AND PAVEMENT PLACEMENT
(OTHER WORK AS DETERMINED)

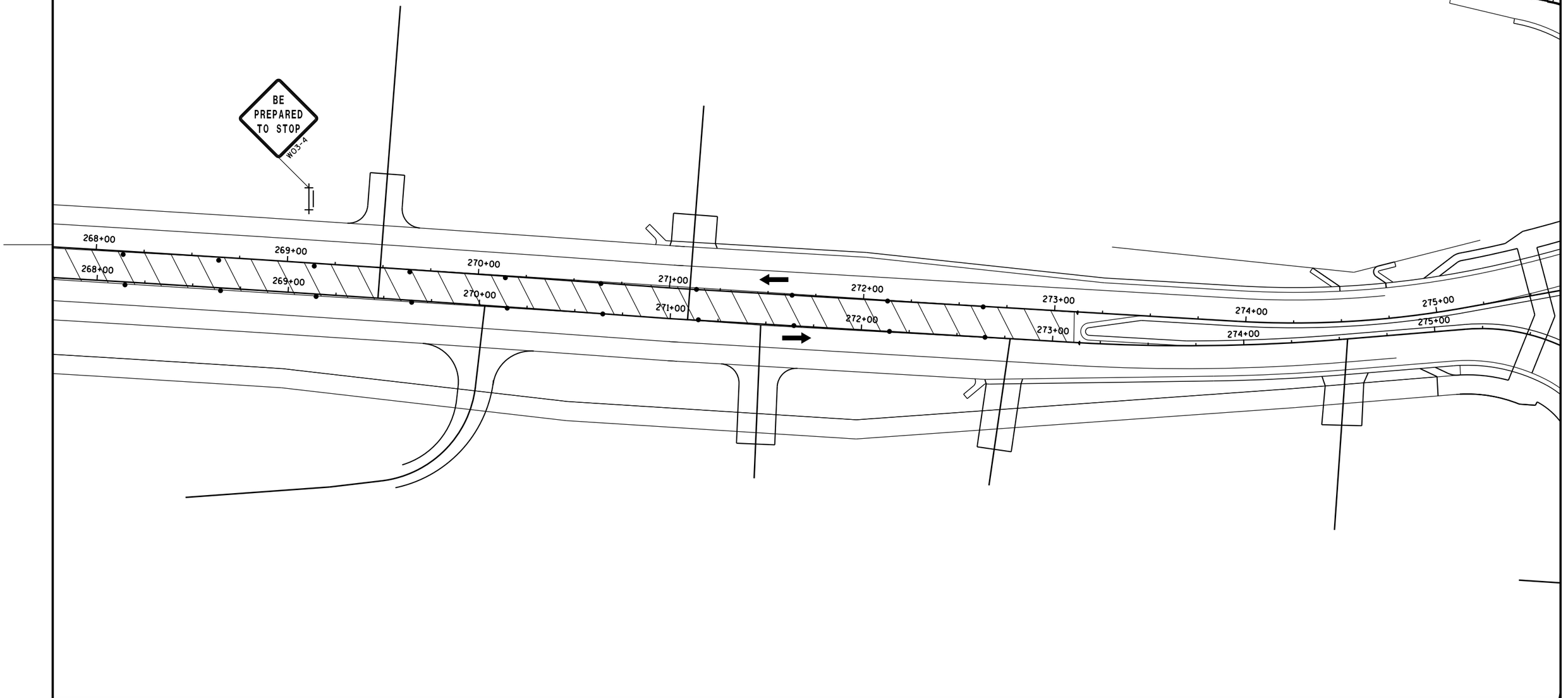


- WORK ZONE TRAFFIC MANAGEMENT IS TO BE DURING DAYLIGHT HOURS AND NON- PEAK HOURS (7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM)
- TRAFFIC MANAGEMENT THROUGH WORK ZONE IS PLANNED TO BE CONDUCTED WITH THE USE OF FLAGGERS AND FOLLOW GUIDELINES IN THE STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
- WORK ZONE INDICATED TO SHOW PLANNED TRAFFIC MANAGEMENT. DIFFERENT WORK AREAS ARE WITHIN AREA AND SHOULD BE CHANGED TO EACH AREA. FOUR AREAS ARE PLANNED AT THE SPLITTER ISLANDS. EACH AREA TO BE COMPLETED INDIVIDUALLY.



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

2

N

147+00

148+00

149+00

TOWER

W

SIGN

SIGN

SIGN

BE PREPARED TO STOP

W03-4

268+00

269+00

270+00

271+00

272+00

273+00

274+00

275+00

MATCHLINE 275+25

50' (TYP.)

STH 35

SIGN

SEE CORRIDOR STAGING SHEETS

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE THREE	SHEET 283	E

2

N

4+00
5+00
99+00
150+00
100+00
101+00
102+00
103+00
104+00
105+00
151+00
152+00
153+00
154+00
276+00
277+00
278+00
279+00
280+00
281+00
282+00

ROAD WORK AHEAD
W20-1
350'

MATCHLINE 275+25
MATCHLINE 282+25

STH 35

50' (TYP.)

TEMPORARY CROSS-OVER LOCATION
FOR MEDIAN CONSTRUCTION

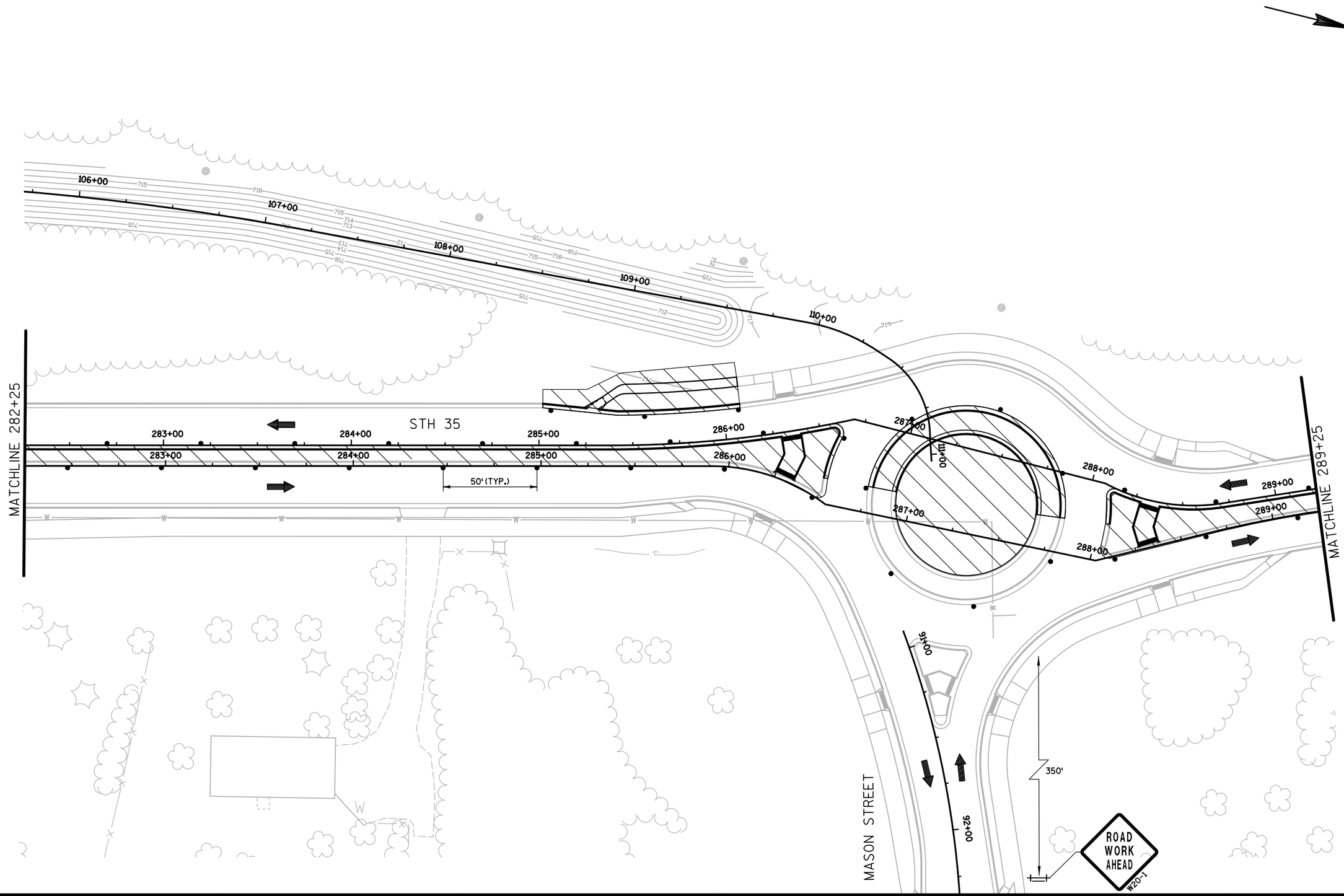
RIDERS CLUB ROAD

SIGN
SIGN

MH

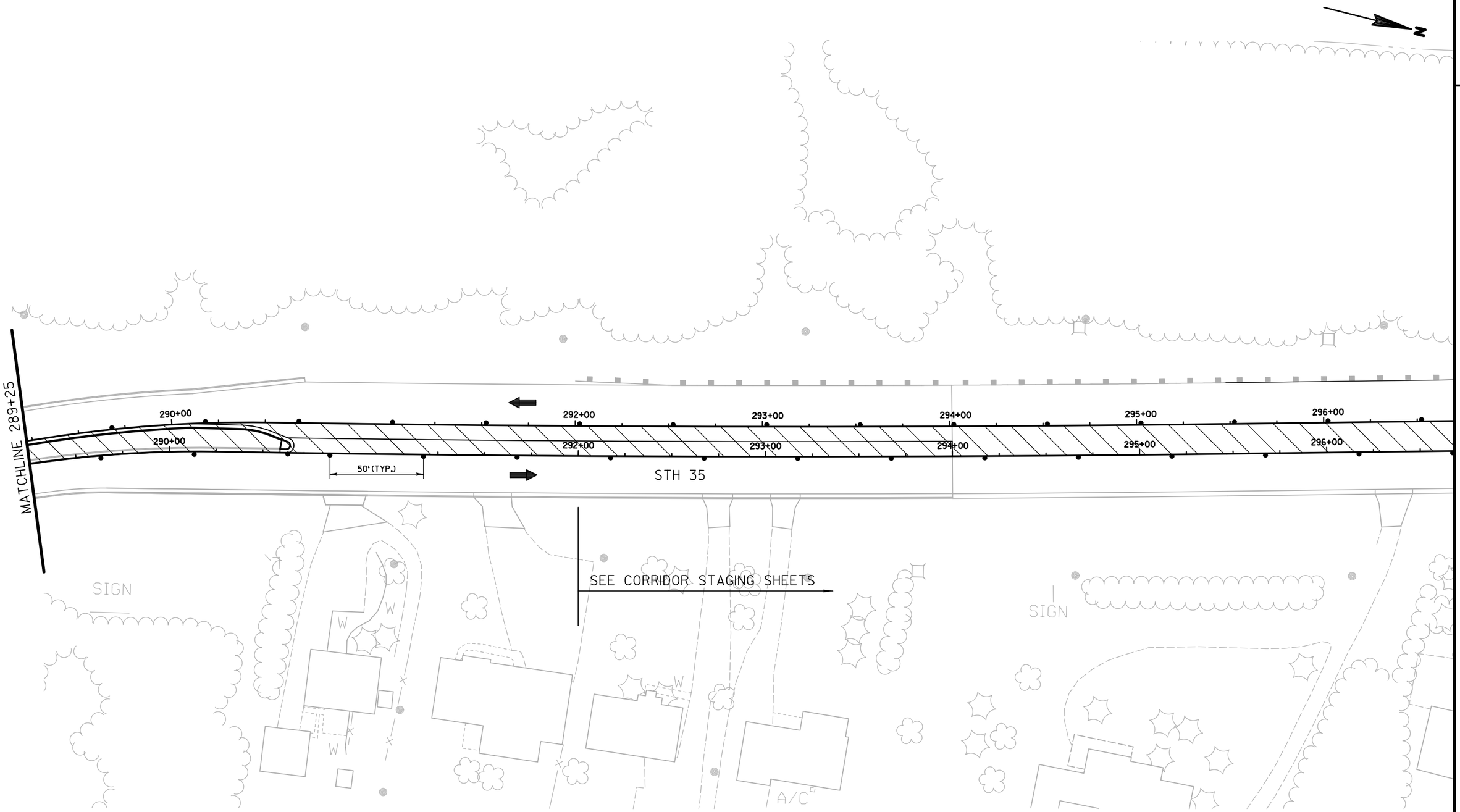
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT THREE	SHEET 284	E

2



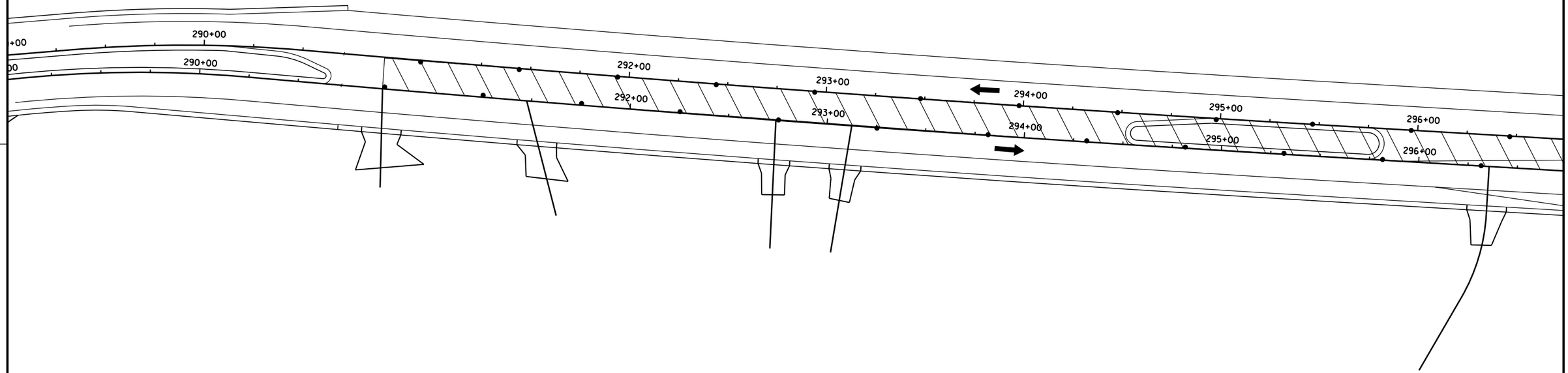
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE THREE	SHEET 285	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL - ROUNDABOUT STAGE THREE	SHEET 286	E

2



2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

N

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

SPEED LIMIT 35
R2-1
24" X 30"

COUNTY Z/HILLTOP
CROSS ACCESS

TSL

296+00
297+00
298+00
299+00
300+00
301+00
302+00
303+00
106+00
107+00
108+00
109+00
110+00
111+00
112+00

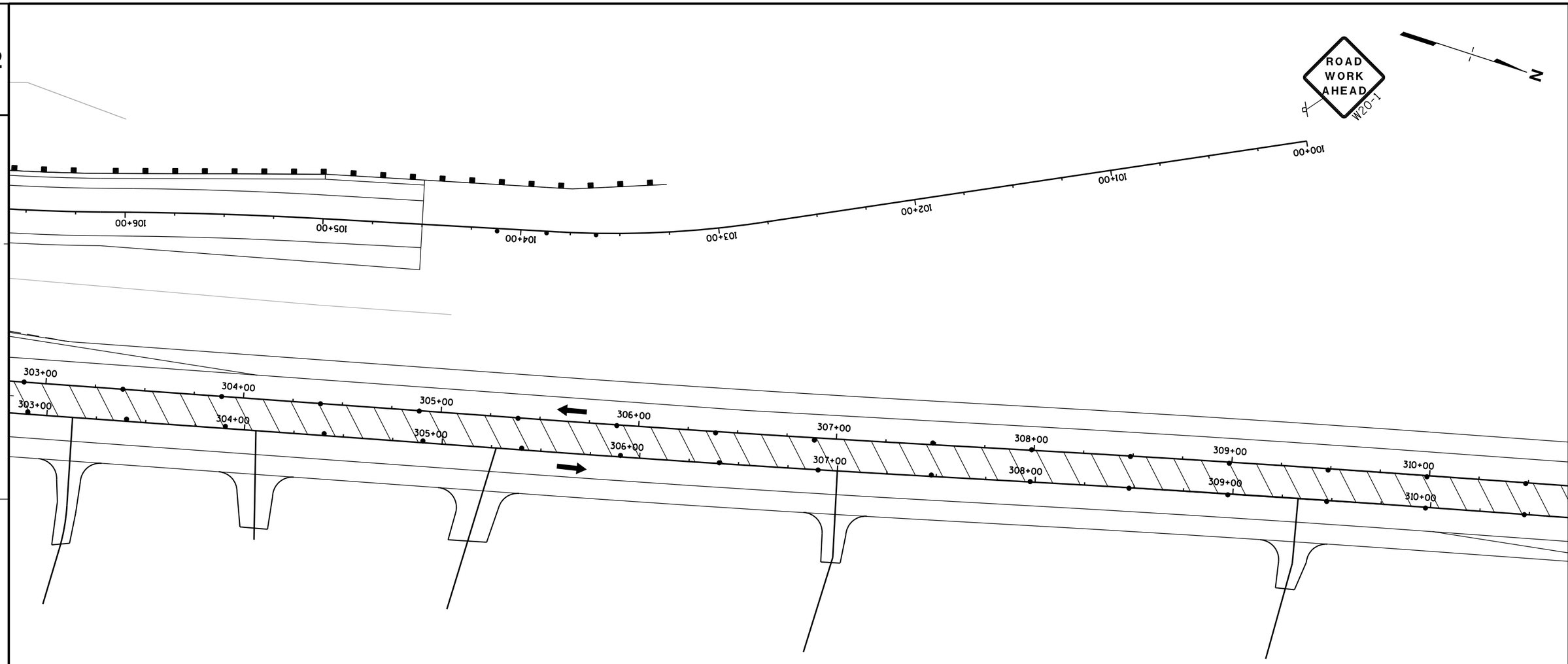
K194

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

2

N

WEST VIEW
CROSS ACCESS

310+00
311+00
312+00
313+00
314+00
315+00
316+00
317+00

TSL

STOP
R1-1
36"X36"

DIVIDED
HIGHWAY
R6-3
30" X 24"

150'

ROAD
WORK
AHEAD
W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026116_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 42

2

N

318+00
319+00
320+00
321+00
322+00
323+00
324+00

R4-7
24" X 30"

125+00

TSL

126+00

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

127+00

ROAD WORK AHEAD
W20-1

CLOVERDALE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026117_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

BE PREPARED TO STOP
W3-4
36" X 36"

SPEED LIMIT 35
R2-1
24" X 30"

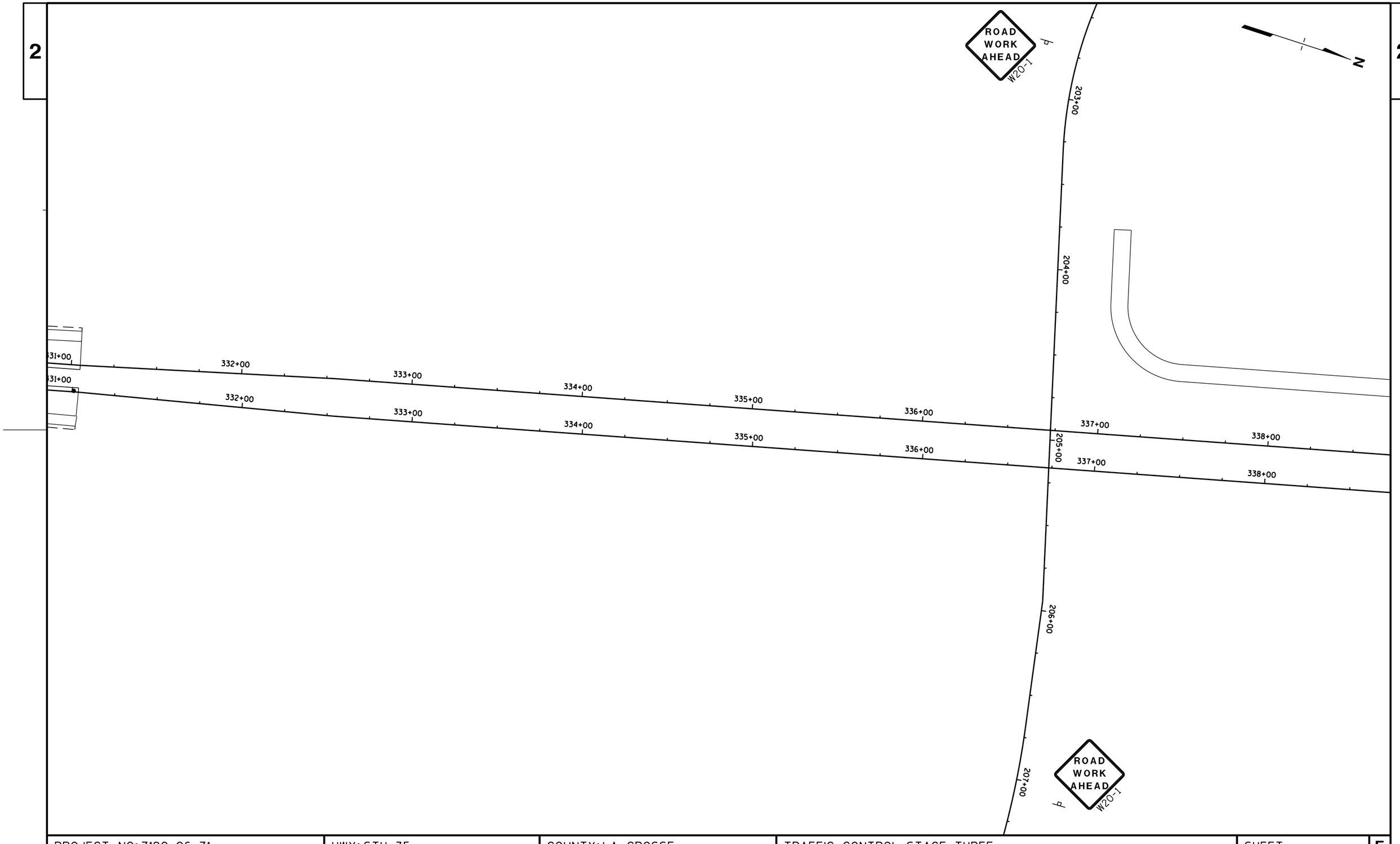
TSL

STOP
R1-1
36"X36"

DIVIDED HIGHWAY
R6-3
30" X 24"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2



2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026119_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

N

338+00 339+00 340+00 341+00 342+00

338+00 339+00 340+00 341+00 342+00

343+00 344+00 345+00

343+00 344+00 345+00



R2-1
24" X 30"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

N

345+00
346+00
347+00
348+00
349+00
350+00
351+00
352+00

345+00
346+00
347+00
348+00
349+00
350+00
351+00
352+00

BE PREPARED TO STOP
W03-4

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026121_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

2

2

N

ROAD WORK AHEAD W20-1

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

TSL

169+00
161+00
162+00
163+00
164+00
165+00
141+00
352+00
353+00
354+00
355+00
356+00
357+00
358+00
359+00

ROAD WORK AHEAD W20-1

TSL

142+00

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD W20-1
25' WEST OF HACKBERRY INT.

ROAD WORK AHEAD W20-1
AT HACKBERRY INT.

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026122_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

2

ROAD WORK AHEAD W20-1

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD W20-1

165+00
166+00
167+00
168+00
169+00
95+00
96+00

SCOTT DRIVE
CROSS ACCESS

TSL

359+00
360+00
361+00
362+00
363+00
364+00
365+00
366+00

SPRING LANE
CROSS ACCESS

TSL

182+00

STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30" X 24"

ROAD WORK AHEAD W20-1
ALONG HACKBERRY

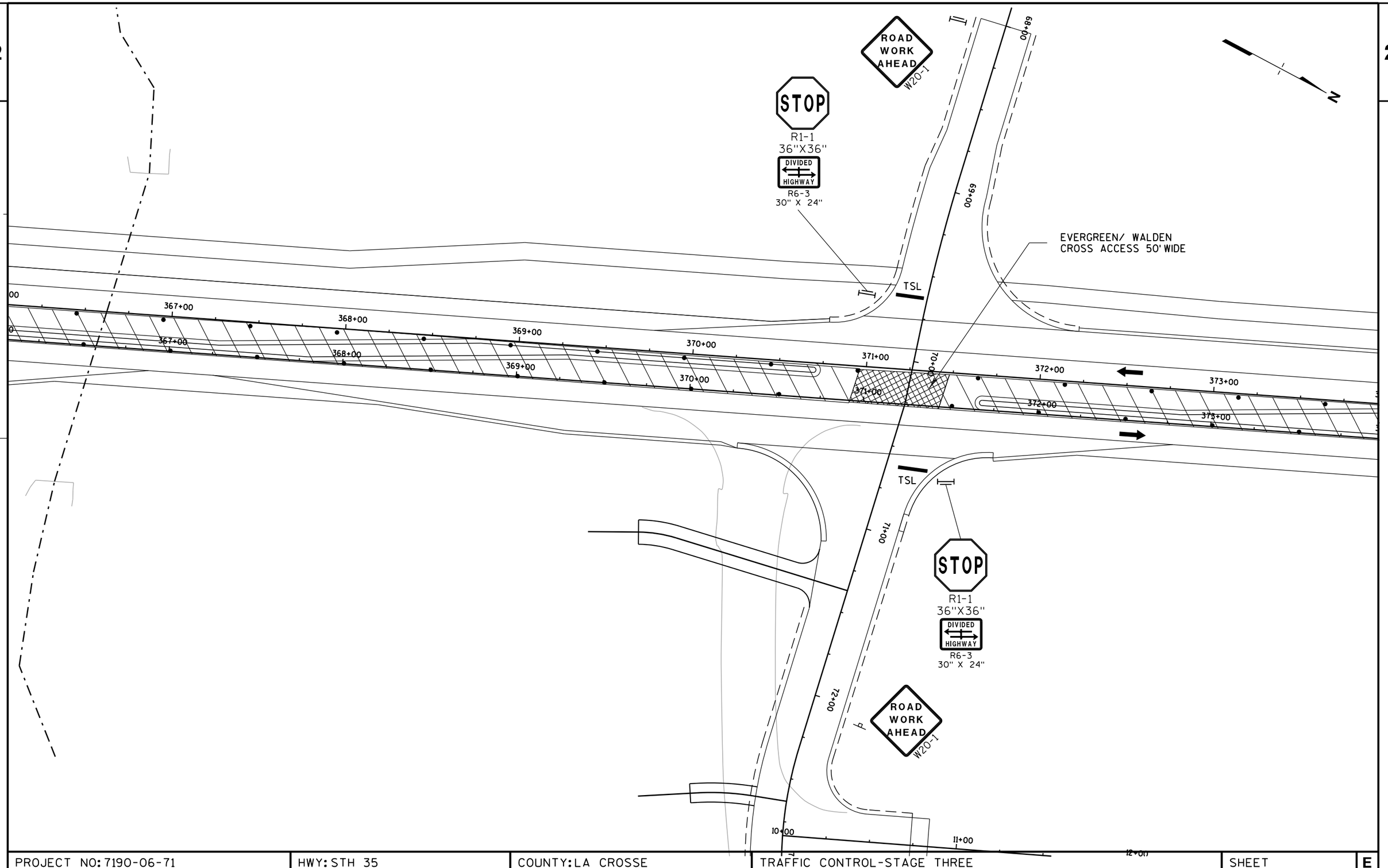
ROAD WORK AHEAD W20-1

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026123_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2



2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026124_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2

N

73+00

374+00

375+00

376+00

377+00

378+00

379+00

380+00

+00

374+00

375+00

376+00

377+00

378+00

379+00

380+00

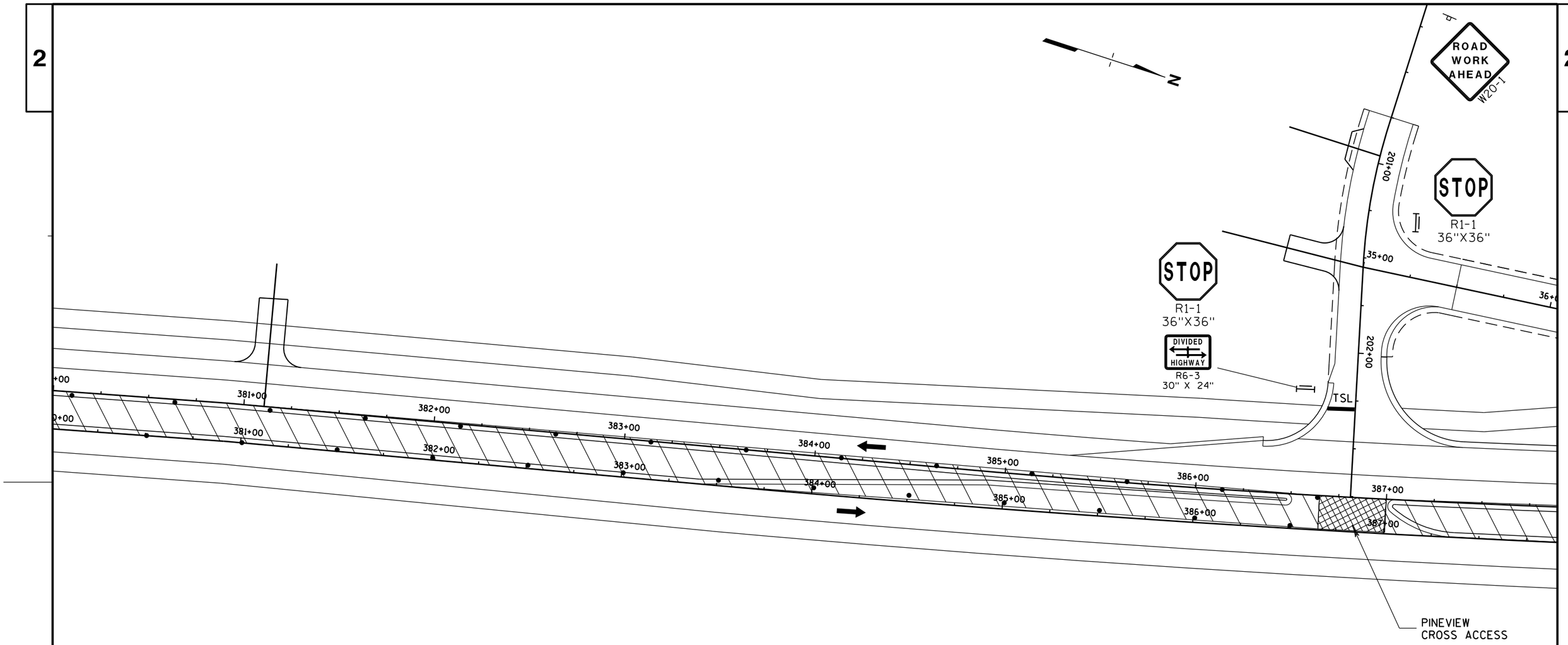
PI 380+91.24

13+00

PI 13+34.10

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2



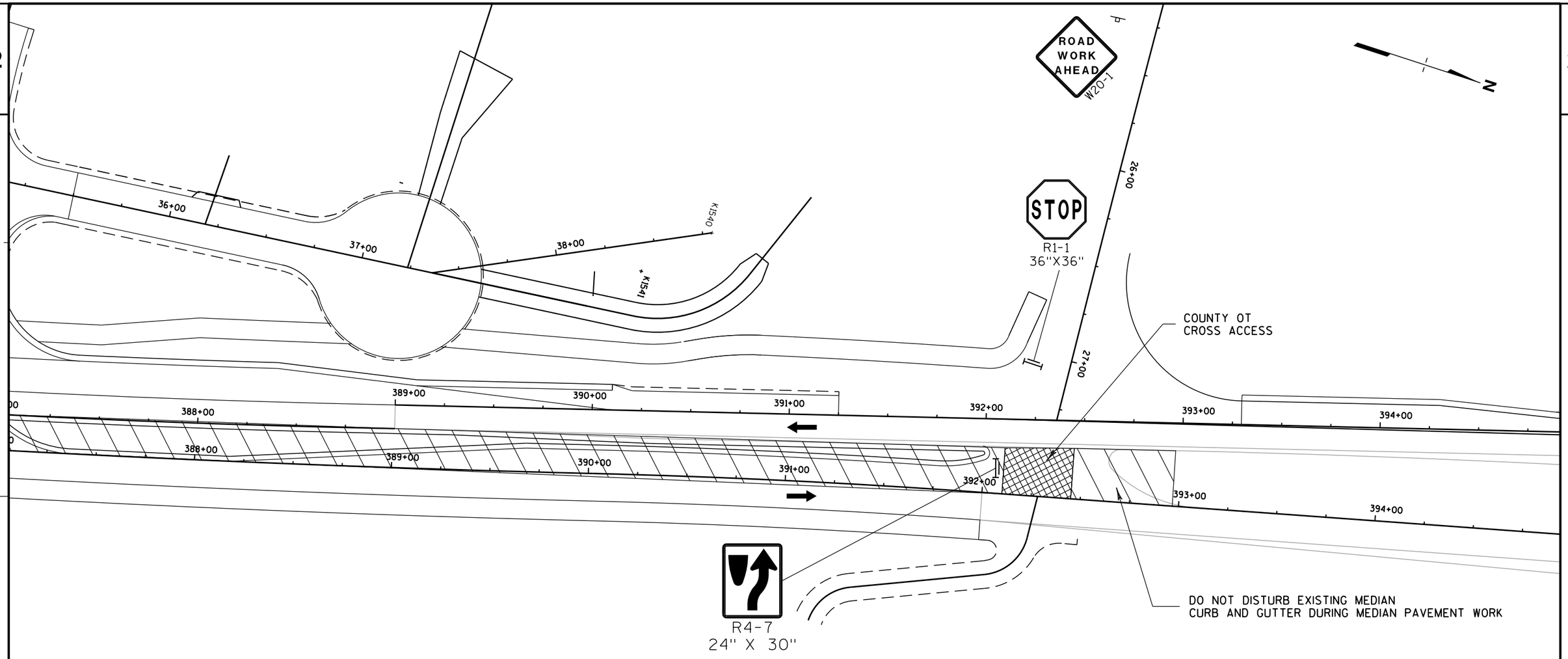
2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\026126_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

2



2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

2

2

N

MINIMUM
SPEED
35
R2-4
48" X 60"

PC 394+89.73

PI 396+82.68

ROAD
WORK
500 FT
W20-1

200'

ROAD
WORK
AHEAD
W20-1

200'

394+00
395+00
396+00
397+00
398+00

PT 398+75.48

4+00
395+00
396+00
397+00
398+00
399+00
400+00

PI 400+66.53

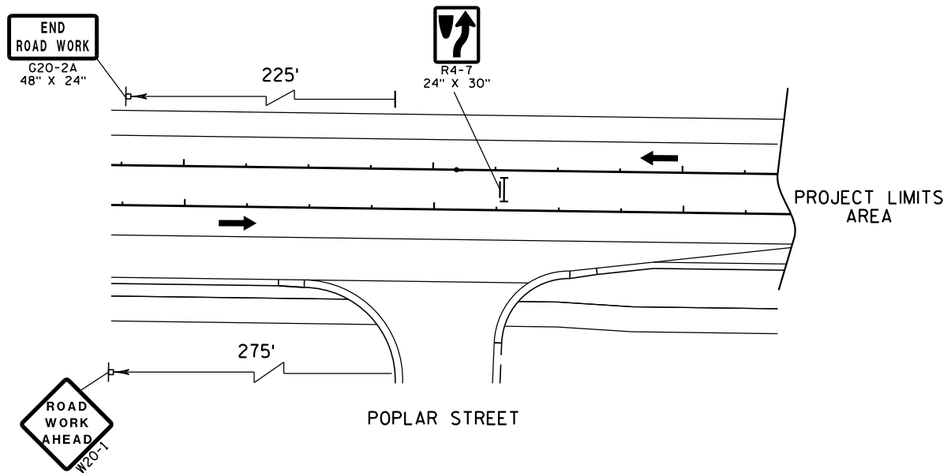
END
ROAD WORK
G20-2A
48" X 24"

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE THREE	SHEET	E

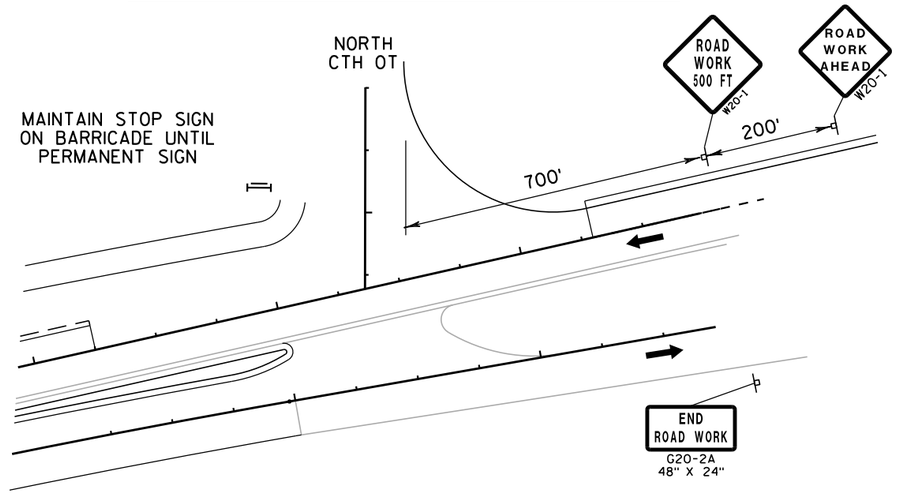
FILE NAME : P:\State\s35\71900600\Cad\026128_s4.dgn PLOT DATE : 28-JUL-2015 08:36 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 42

SOUTHERN ADVANCE TRAFFIC CONTROL STAGING



NORTHERN ADVANCE TRAFFIC CONTROL STAGING



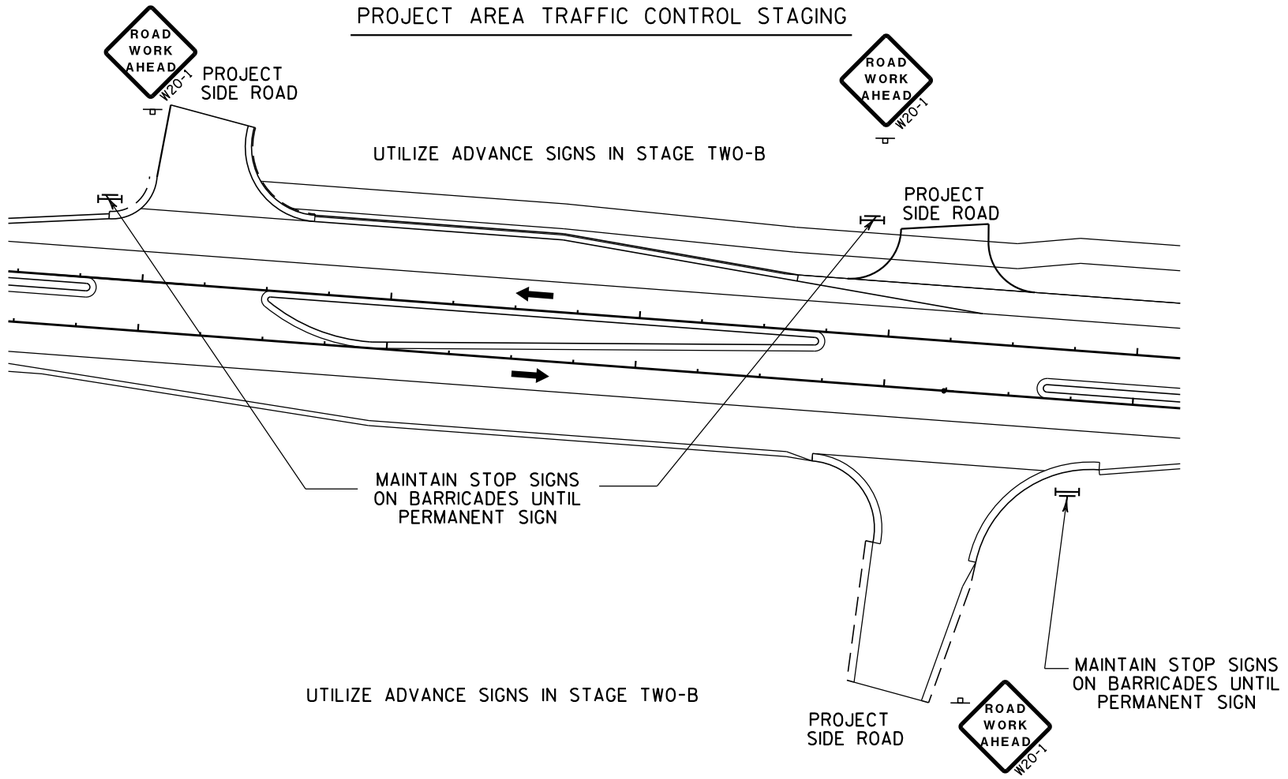
STAGE FOUR WORK ZONE NOTES

1) TRANSITION WORK ZONE SIGNING TO PERMANENT SIGN PLACEMENT.

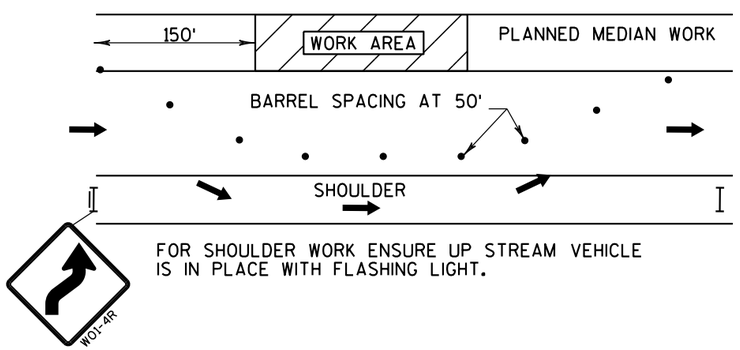
2) FINAL PAVING OPERATIONS TO BE COMPLETED AS PART OF THIS STAGE.

3) FINAL PAVEMENT MARKING ALONG WITH ALL OTHER FINISH WORK TO BE COMPLETED AS PART OF THIS STAGE.

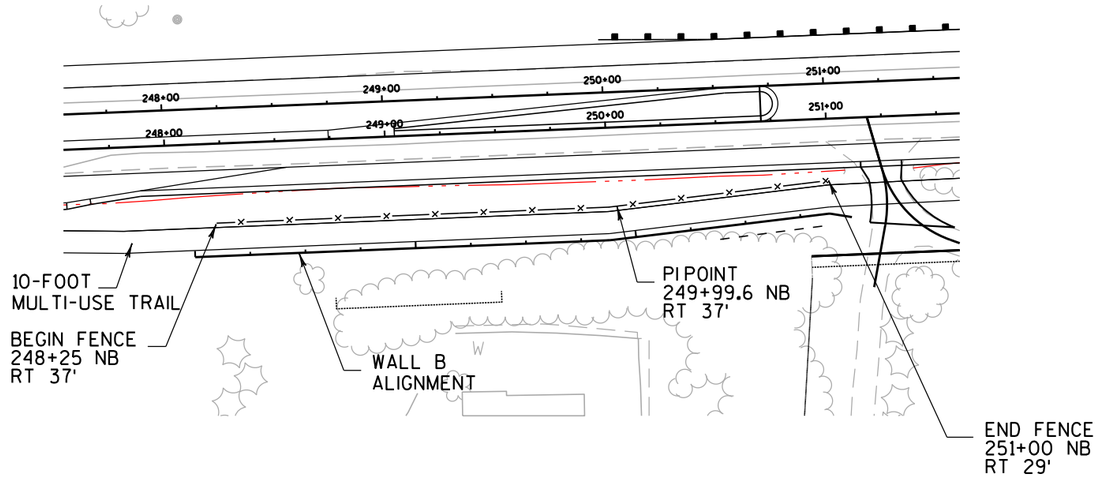
PROJECT AREA TRAFFIC CONTROL STAGING



WORK REQUIRING LANE RESTRICTIONS/SHIFTING WITHIN PROJECT AREA

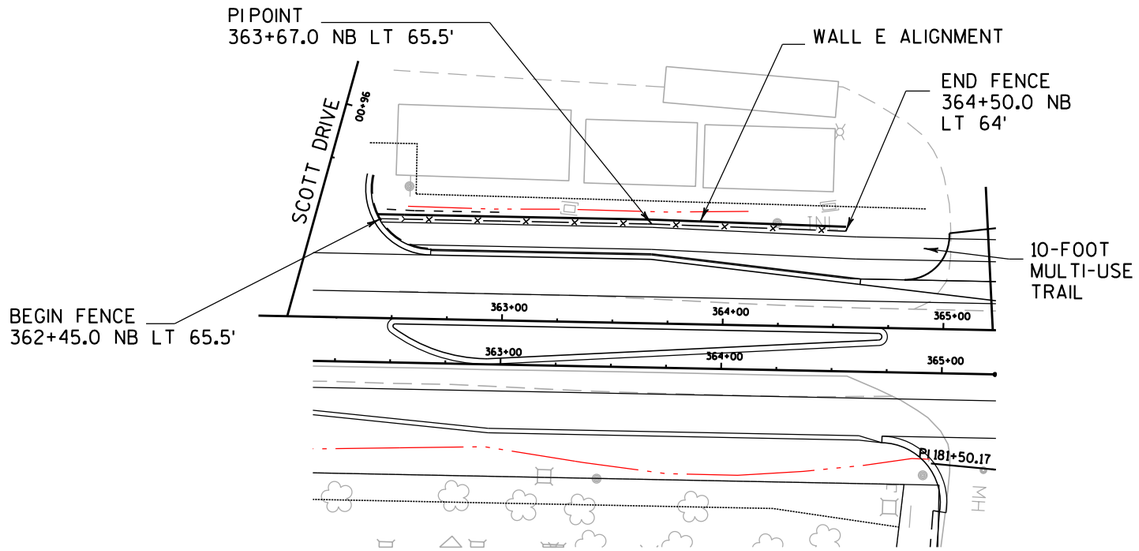


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL-STAGE FOUR	SHEET	E



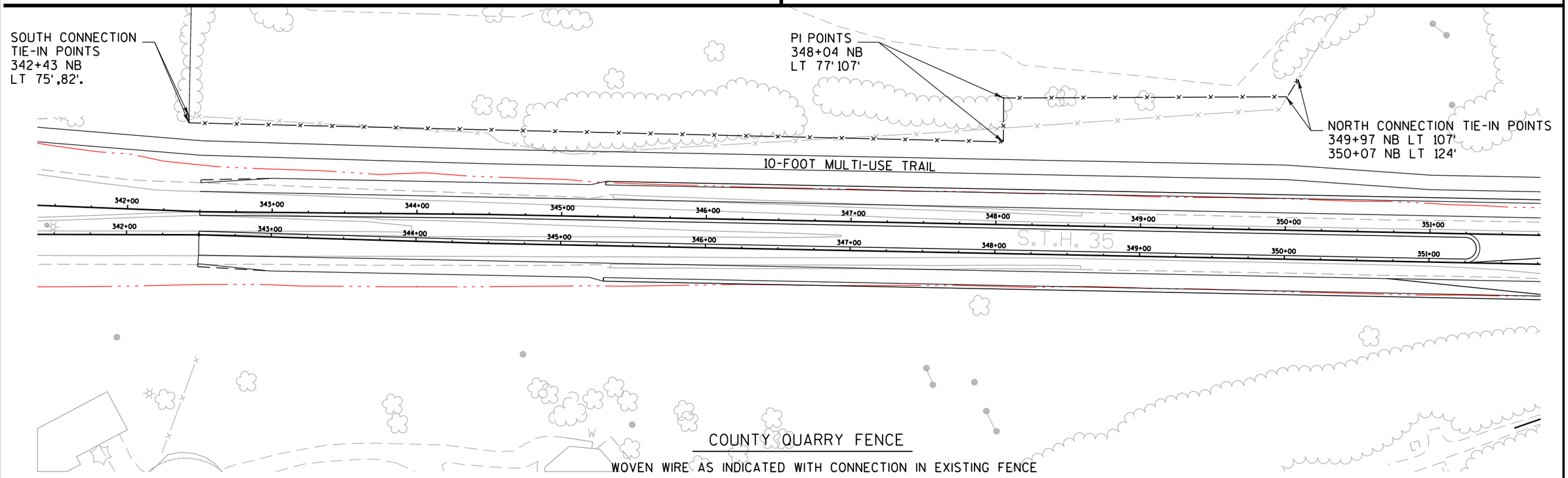
WALL B FENCE

- CHAIN LINK FENCE AT 4-FT HEIGHT
- FENCE PARALLEL TO MULTI- USE TRAIL



WALL E FENCE

- CHAIN LINK FENCE AT 4-FT HEIGHT



COUNTY QUARRY FENCE

WOVEN WIRE AS INDICATED WITH CONNECTION IN EXISTING FENCE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	FENCE DETAIL	SHEET	E

2

CURVE CL36 STH 35 SB

PC STA 211+20.00
N=159981.618
E=448786.004
T=39.933'
BK=N 18°45' 37.68" W
AH=N 19°18' 42.29" W
R=8300.5'
DEG=0°41' 24.97"
DEL=-0°33' 04.61"
L=79.865'
PI STA 211+59.93
N=160019.429
E=448773.161
PT STA 211+99.86
N=160057.115
E=448759.955

CURVE CL464 STH 35 SB

PC STA 215+89.64
N=160424.956
E=448631.054
T=81.841'
BK=N 19°18' 42.29" W
AH=N 16°37' 57.77" W
R=3500.00
DEG=1°38' 13.28"
DEL=-2°40' 44.52"
L=163.653'
PI STA 216+71.48
N=160502.193
E=448603.988
PT STA 217+53.29
N=160580.610
E=448580.562

CURVE CL465 STH 35 SB

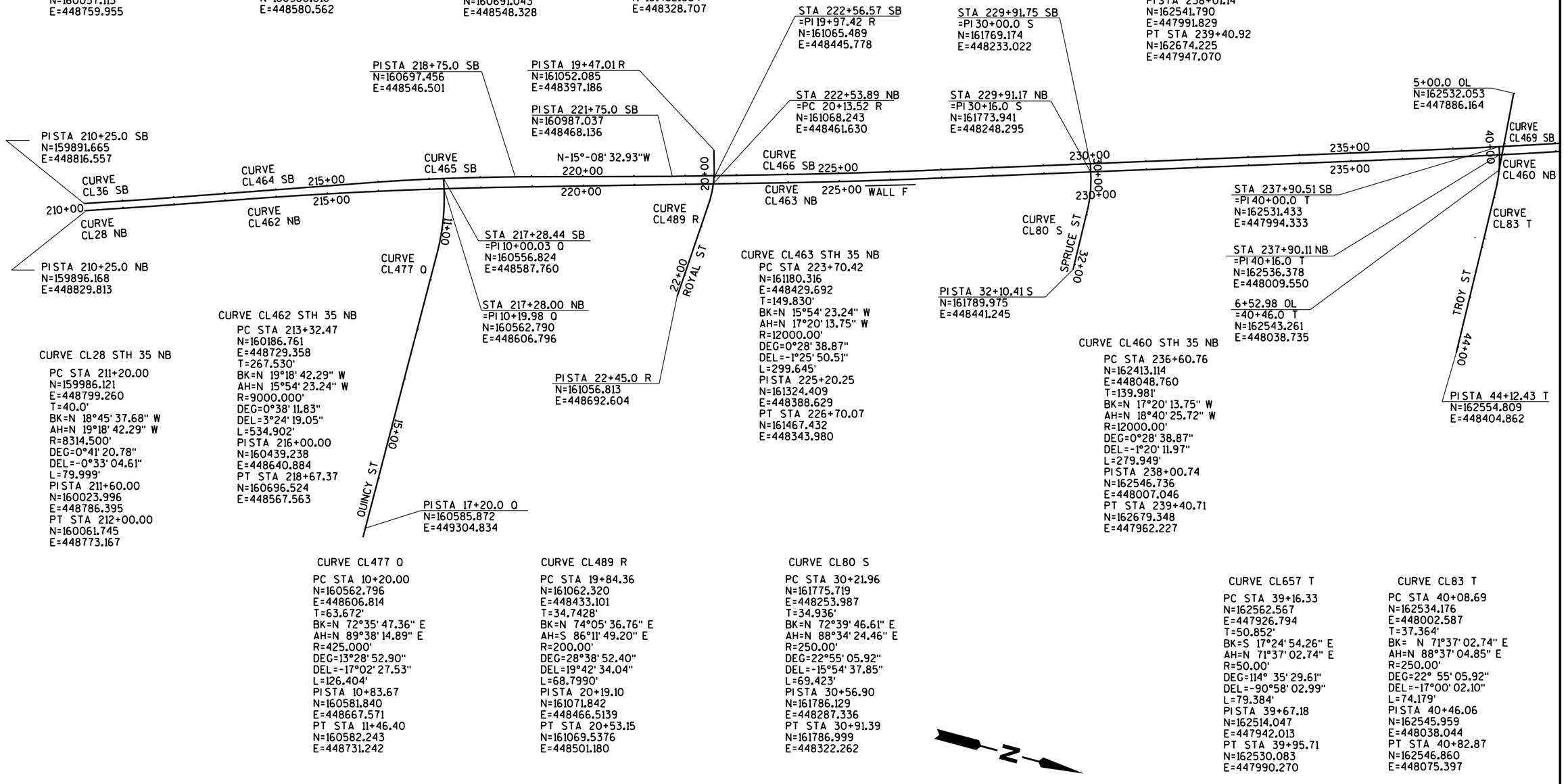
PC STA 217+54.00
N=160581.288
E=448580.360
T=57.168'
BK=N 16°37' 57.77" W
AH=N 15°54' 23.24" W
R=9020.00'
DEG=0°38' 06.75"
DEL=-0°43' 34.54"
L=114.334'
PI STA 218+11.17
N=160636.064
E=448563.996
PT STA 218+68.33
N=160691.043
E=448548.328

CURVE CL466 STH 35 SB

PC STA 223+71.41
N=161175.930
E=448414.305
T=149.630'
BK=N 15°54' 23.24" W
AH=N 17°20' 13.75" W
R=11984.000'
DEG=0°28' 41.17"
DEL=-1°25' 50.51"
L=299.245'
PI STA 225+21.04
N=161319.832
E=448373.296
PT STA 226+70.66
N=161462.664
E=448328.707

CURVE CL469 STH 35 SB

PC STA 236+61.35
N=162408.346
E=448033.487
T=139.794'
BK=N 17°20' 13.75" W
AH=N 18°40' 25.72" W
R=11984.000'
DEG=0°28' 41.17"
DEL=-1°20' 11.97"
L=279.576'
PI STA 238+01.14
N=162541.790
E=447991.829
PT STA 239+40.92
N=162674.225
E=447947.070



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\027201_ad.dgn PLOT DATE : 16-SEP-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 200:1 WISDOT/CADDS SHEET 42

CURVE CL470 STH 35 SB

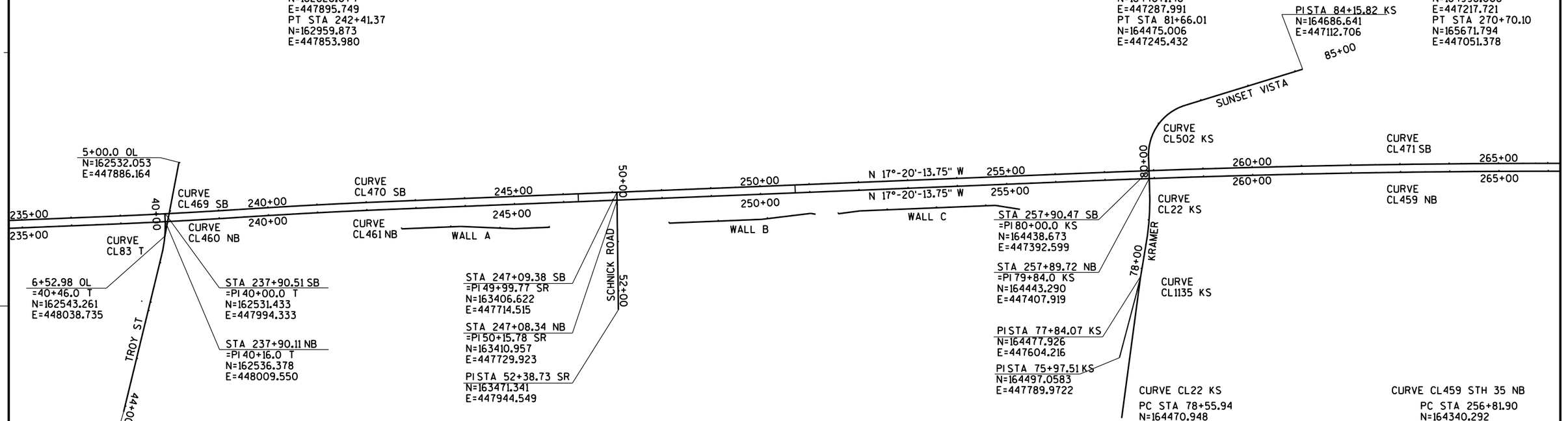
PC STA 239+61.04
N=162693.285
E=447940.628
T=140.168'
BK=N 18°40' 25.72" W
AH=N 17°20' 13.75" W
R=12016.000'
DEG=0°28' 36.58"
DEL=-1°20' 11.97"
L=280.322'
PI STA 241+01.21
N=162826.074
E=447895.749
PT STA 242+41.37
N=162959.873
E=447853.980

CURVE CL502 KS

PC STA 80+29.16
N=164430.260
E=447364.685
T=80.102'
BK=S 73°13' 41.75" W
AH=N 32°05' 37.60" W
R=105.000'
DEG=54°34' 02.67"
DEL=-74°40' 40.65"
L=136.855'
PI STA 81+09.26
N=164407.146
E=447287.991
PT STA 81+66.01
N=164475.006
E=447245.432

CURVE CL471 STH 35 SB

PC STA 256+82.49
N=164335.524
E=447424.534
T=694.015'
BK=N 17°20' 13.75" W
AH=N 13°52' 04.04" W
R=22916.000'
DEG=0°15' 00.09"
DEL=-3°28' 09.71"
L=1387.606'
PI STA 263+76.51
N=164998.008
E=447217.721
PT STA 270+70.10
N=165671.794
E=447051.378



CURVE CL657 T

PC STA 39+16.33
N=162562.567
E=447926.794
T=50.852'
BK=S 17°24' 54.26" E
AH=N 71°37' 02.74" E
R=50.00'
DEG=114° 35' 29.61"
DEL=-90°58' 02.99"
L=79.384'
PI STA 39+67.18
N=162514.047
E=447942.013
PT STA 39+95.71
N=162530.083
E=447990.270

CURVE CL83 T

PC STA 40+08.69
N=162534.176
E=448002.587
T=37.364'
BK= N 71°37' 02.74" E
AH=N 88°37' 04.85" E
R=250.00'
DEG=22° 55' 05.92"
DEL=-17°00' 02.10"
L=74.179'
PI STA 40+46.06
N=162545.959
E=448038.044
PT STA 40+82.87
N=162546.860
E=448075.397

CURVE CL461 STH 35 NB

PC STA 239+60.83
N=162698.408
E=447955.785
T=139.981'
BK=N 18°40' 25.72" W
AH=N 17°20' 13.75" W
R=12000.000'
DEG=0°28' 38.87"
DEL=1°20' 11.97"
L=279.949'
PI STA 241+00.81
N=162831.020
E=447910.966
PT STA 242+40.78
N=162964.641
E=447869.253

CURVE CL1135 KS

PC STA 76+56.81
N=164490.6486
E=447730.8438
T=33.1587'
BK=S 83°47' 40.07" W
AH=S 84°25' 39.87" W
R=6000.000'
DEG=0°57' 17.75"
DEL=0°37' 59.80"
L=66.3168'
PI STA 76+89.96
N=164487.0643
E=447697.8793
PT STA 77+23.12
N=164483.8446
E=447664.8773

CURVE CL22 KS

PC STA 78+55.94
N=164470.948
E=447532.687
T=49.023'
BK=S 84°25' 39.87" W
AH=S 73°13' 41.75" W
R=500.00'
DEG=11°27' 32.96"
DEL=-11°11' 58.12"
L=97.734'
PI STA 79+04.96
N=164466.188
E=447483.895
PT STA 79+53.67
N=164452.042
E=447436.958

CURVE CL459 STH 35 NB

PC STA 256+81.90
N=164340.292
E=447439.807
T=693.530'
BK=N 17°20' 13.75" W
AH=N 13°52' 04.04" W
R=22900.000'
DEG=0°15' 00.72"
DEL=3°28' 09.71"
L=1386.637'
PI STA 263+75.43
N=165002.314
E=447233.139
PT STA 270+68.54
N=165675.629
E=447066.912

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

2

CURVE CL788 STH 35 SB
PC STA 273+95.95
N=165988.6877
E=446969.0665
T=59.6494'
BK=N 14°38'03.10" W
AH=N 28°14'25.88" W
R=500.000'
DEG=11°27'32.96"
DEL=13°36'22.79"
L=118.7376'
PI STA 274+55.60
N=166046.4020
E=446953.9963
PT STA 275+14.69
N=166098.9513
E=446925.7717

CURVE CL792 RS
PC STA 147+10.91
N=165802.946
E=446786.570
T=135.641'
BK=N 1°49' 46.90" W
AH=N 8°17' 57.22" W
R=2400.000'
DEG=2°23' 14.37"
DEL=-6°28' 10.32"
L=270.995'
PI STA 148+46.55
N=165938.519
E=446782.239
PT STA 149+81.90
N=166072.740
E=446762.660

CURVE CL793 RS
PC STA 149+94.00
N=166084.708
E=446760.915
T=100.200'
BK=N 8°17' 57.22" W
AH=N 87°50' 24.92" E
R=90.000'
DEG=63°39' 43.12"
DEL=-96°08' 22.14"
L=151.015'
PI STA 150+94.20
N=166183.859
E=446746.451
PT STA 151+45.01
N=166187.635
E=446846.581

CURVE CL800 F
PC STA 4+69.90
N=166180.174
E=446686.080
T=56.652'
BK=N 16°18' 07.42" E
AH=S 54°08' 47.49" E
R=40.000'
DEG=143°14' 22.02"
DEL=-109°33' 05.09"
L=76.481'
PI STA 5+26.55
N=166234.549
E=446701.983
PT STA 5+46.38
N=166201.367
E=446747.901

CURVE CL1019 F
PC STA 3+56.59
N=166069.6887
E=446665.2880
T=29.3423'
BK=N 5°50' 03.53" W
AH=N 16°18' 07.42" E
R=150.00'
DEG=38°11' 49.87"
DEL=-22°08' 10.94"
L=57.9529'
PI STA 3+85.93
N=166098.8791
E=446662.3053
PT STA 4+14.54
N=166127.0417
E=446670.5418

CURVE CL799 STH 35 SB
PC STA 277+27.74
N=166303.207
E=446882.0216
T=33.1665'
BK=N 19°29' 46.24" E
AH=N 17°12' 05.74" W
R=100.000'
DEG=57°17' 44.81"
DEL=-36°41' 51.99"
L=64.049'
PI STA 277+60.90
N=166334.471
E=446893.090
PT STA 277+91.79
N=166366.154
E=446883.282

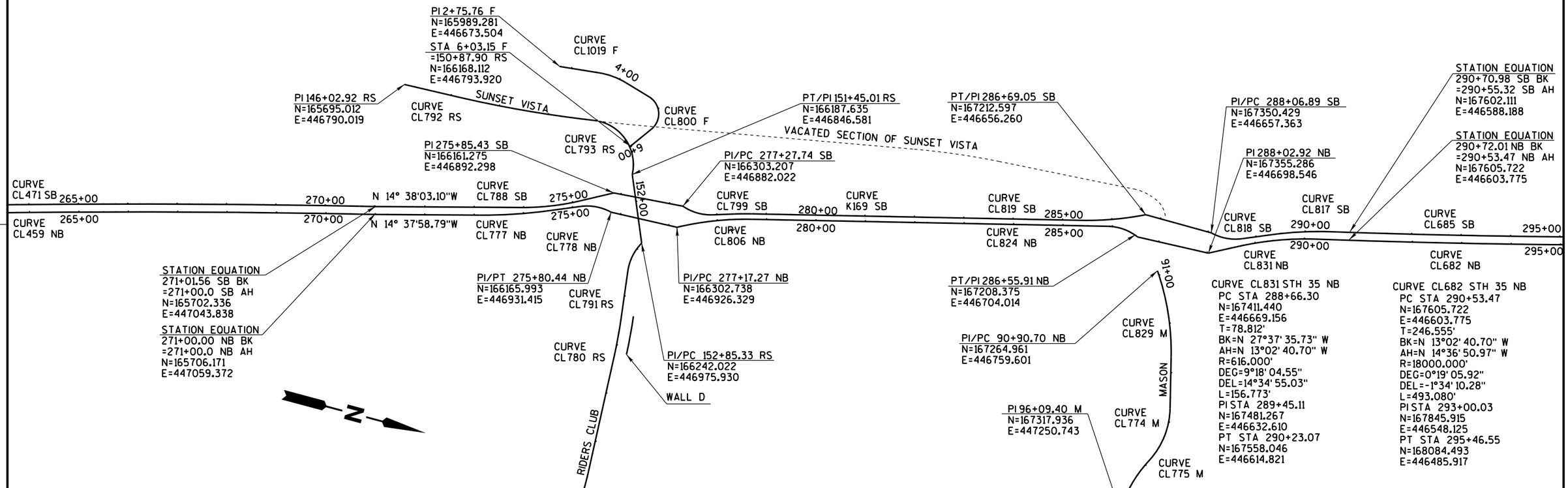
CURVE K169 STH 35 SB
PC STA 278+34.71
N=166407.159
E=446870.588
T=17.7532'
BK=N 17°12' 05.74" W
AH=N 13°52' 22.67" W
R=611.000'
DEG=9°22' 38.56"
DEL=-3°19' 43.07"
L=35.496'
PI STA 278+52.46
N=166424.118
E=446865.337
PT STA 278+70.21
N=166441.353
E=446861.081

CURVE CL819 STH 35 SB
PC STA 285+37.83
N=167089.499
E=446701.005
T=65.8621'
BK=N 13°52' 22.62" W
AH=N 26°04' 42.94" W
R=616.000'
DEG=9°18' 04.55"
DEL=-12°12' 20.32"
L=131.225'
PI STA 286+03.69
N=167153.440
E=446685.214
PT STA 286+69.05
N=167212.597
E=446656.260

CURVE CL818 STH 35 SB
PC STA 288+06.89
N=167350.429
E=446657.363
T=33.3951'
BK=N 14°12' 32.07" E
AH=N 22°43' 28.76" W
R=100.000'
DEG=57°17' 44.81"
DEL=-36°56' 00.84"
L=64.461'
PI STA 288+40.29
N=167382.802
E=446665.560
PT STA 288+71.35
N=167413.604
E=446652.659

CURVE CL817 STH 35 SB
PC STA 289+32.57
N=167470.069
E=446629.011
T=59.272'
BK=N 22°43' 28.76" W
AH=N 13°02' 40.70" W
R=700.000'
DEG=8°11' 06.40"
DEL=-9°40' 48.07"
L=118.263'
PI STA 289+91.84
N=167524.741
E=446606.113
PT STA 290+50.83
N=167582.484
E=446592.735

CURVE CL685 STH 35 SB
PC STA 290+55.32
N=167602.111
E=446588.188
T=246.336'
BK=N 13°02' 40.70" W
AH=N 14°36' 50.97" W
R=17984.000'
DEG=0°19' 06.94"
DEL=-1°34' 10.28"
L=492.642'
PI STA 293+01.66
N=167842.090
E=446532.588
PT STA 295+47.96
N=168080.456
E=446470.435



CURVE CL777 STH 35 NB
PC STA 273+11.17
N=165910.490
E=447006.024
T=70.297'
BK=N 14°37' 58.79" W
AH=N 22°40' 31.03" W
R=1000.000'
DEG=5°43' 46.48"
DEL=-8°02' 32.24"
L=140.364'
PI STA 273+81.47
N=165978.508
E=446988.265
PT STA 274+51.53
N=166043.372
E=446961.165

CURVE CL778 STH 35 NB
PC STA 275+16.39
N=166103.211
E=446936.164
T=33.166'
BK=N 22°40' 31.03" W
AH=N 14°01' 21.03" E
R=100.000'
DEG=57°17' 44.81"
DEL=36°41' 52.07"
L=64.049'
PI STA 275+49.55
N=166133.814
E=446923.378
PT STA 275+80.44
N=166165.993
E=446931.415

CURVE CL791 RS
PC STA 152+85.33
N=166242.022
E=446975.930
T=33.163'
BK=S 60°13' 04.37" E
AH=N 83°05' 16.21" E
R=100.000'
DEG=57°17' 44.81"
DEL=-36°41' 39.43"
L=64.0436'
PI STA 153+18.50
N=166225.550
E=447004.712
PT STA 153+49.38
N=166229.541
E=447037.635

CURVE CL780 RS
PC STA 154+45.44
N=166241.102
E=447132.997
T=39.217'
BK=N 83°05' 16.21" E
AH=N 87°34' 46.30" E
R=1000.000'
DEG=5°43' 46.48"
DEL=4°29' 30.09"
L=78.394'
PI STA 154+84.65
N=166245.821
E=447171.930
PT STA 155+23.83
N=166247.478
E=447211.112

CURVE CL773 RS
PC STA 157+63.05
N=166257.580
E=447450.114
T=84.310'
BK=N 87°34' 46.30" E
AH=S 76°43' 38.66" E
R=611.785'
DEG=9°21' 55.20"
DEL=-15°41' 35.05"
L=167.565'
PI STA 158+47.36
N=166261.141
E=447534.350
PT STA 159+30.61
N=166241.785
E=447616.408

CURVE CL806 STH 35 NB
PC STA 277+17.27
N=166302.738
E=446926.329
T=76.323'
BK=N 28°22' 18.52" W
AH=N 13°52' 22.62" W
R=600.000'
DEG=9°32' 57.47"
DEL=14°29' 55.90"
L=151.831'
PI STA 277+93.60
N=166369.893
E=446890.060
PT STA 278+69.11
N=166443.990
E=446871.760

CURVE CL824 STH 35 NB
PC STA 285+90.85
N=167144.684
E=446698.707
T=33.723'
BK=N 13°52' 22.62" W
AH=N 23°23' 57.15" E
R=100.000'
DEG=57°17' 44.81"
DEL=37°16' 19.78"
L=65.052'
PI STA 286+24.58
N=167177.424
E=446690.621
PT STA 286+55.91
N=167208.375
E=446704.014

CURVE CL829 M
PC STA 90+90.70
N=167264.961
E=446759.601
T=89.802'
BK=N 55°48' 59.82" E
AH=N 76°10' 50.70" E
R=500.000'
DEG=11°27' 32.96"
DEL=20°21' 50.88"
L=177.710'
PI STA 91+80.50
N=167315.416
E=446833.889
PT STA 92+68.41
N=167336.866
E=446921.093

CURVE CL774 M
PC STA 93+72.61
N=167361.755
E=447022.275
T=58.872'
BK=N 76°10' 50.70" E
AH=S 63°24' 59.64" E
R=160.000'
DEG=35°48' 35.50"
DEL=40°24' 09.66"
L=112.825'
PI STA 94+31.48
N=167375.817
E=447079.444
PT STA 94+85.44
N=167349.472
E=447132.093

CURVE CL775 M
PC STA 94+96.75
N=167344.407
E=447142.214
T=54.308'
BK=S 63°24' 59.64" E
AH=S 87°55' 44.71" E
R=250.000'
DEG=22°55' 05.92"
DEL=-24°30' 45.07"
L=106.956'
PI STA 95+51.06
N=167320.104
E=447190.782
PT STA 96+03.71
N=167318.141
E=447245.056

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

2

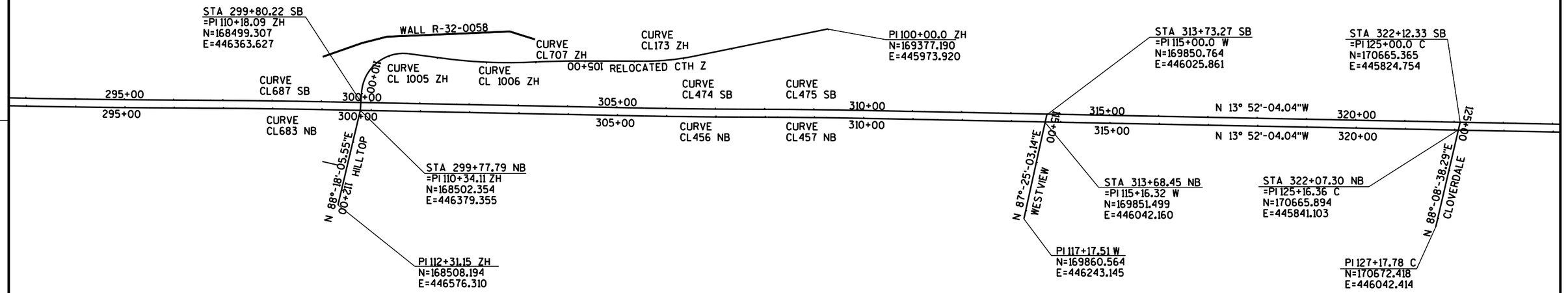
CURVE CL687 STH 35 SB
PC STA 296+84.26
N=168212.346
E=446436.045
T=117.346'
BK=N 14°36' 50.97" W
AH=N 13°52' 04.04" W
R=18016.000
DEG=0°19' 04.90"
DEL=-0°44' 46.94"
L=234.688'
PI STA 298+01.61
N=168325.896
E=446406.438
PT STA 299+18.95
N=168439.821
E=446378.312

CURVE CL474 STH 35 SB
PC STA 305+56.25
N=169058.541
E=446225.564
T=95.866'
BK=N 13°52' 04.04" W
AH=N 14°47' 03.99" W
R=11984.000'
DEG=0°28' 41.17"
DEL=-0°54' 59.96"
L=191.728'
PI STA 306+52.11
N=169151.613
E=446202.586
PT STA 307+47.97
N=169244.305
E=446178.123

CURVE CL173 ZH
PC STA 102+78.51
N=169127.924
E=446098.153
T=51.165'
BK=S 26°29' 28.90" E
AH=S 14°48' 21.50" E
R=500.000'
DEG=11°27' 32.96"
DEL=-11°41' 07.40"
L=101.974'
PI STA 103+29.67
N=169082.131
E=446120.975
PT STA 103+80.48
N=169032.666
E=446134.050

CURVE CL707 ZH
PC STA 105+03.96
N=168913.285
E=446165.605
T=46.036'
BK=S 14°48' 21.50" E
AH=S 17°26' 35.48" E
R=2000.000'
DEG=2°51' 53.24"
DEL=-2°38' 13.98"
L=92.056'
PI STA 105+50.00
N=168868.778
E=446177.370
PT STA 105+96.02
N=168824.858
E=446191.169

CURVE CL475 STH 35 SB
PC STA 308+06.02
N=169300.427
E=446163.311
T=96.122'
BK=N 14°47' 03.99" W
AH=N 13°52' 04.04" W
R=12016.000'
DEG=0°28' 36.58"
DEL=-0°54' 59.96"
L=192.240'
PI STA 309+02.14
N=169393.367
E=446138.782
PT STA 309+98.26
N=169486.687
E=446115.744



CURVE CL683 STH 35 NB
PC STA 296+82.85
N=168216.383
E=446451.528
T=117.241'
BK=N 14°36' 50.97" W
AH=N 13°52' 04.04" W
R=18000.000'
DEG=0°19'05.92"
DEL=-0°44' 46.94"
L=234.480'
PI STA 298+00.09
N=168329.832
E=446421.947
PT STA 299+17.33
N=168443.656
E=446393.846

CURVE CL1005 ZH
PC STA 108+58.72
N=168567.8347
E=446242.9350
T=90.4042'
BK=S 7°26' 06.76" E
AH=N 79°02' 07.19" E
R=85.000'
DEG=67°24' 24.48"
DEL=-93°31' 46.05"
L=138.7537'
PI STA 109+49.12
N=168478.1906
E=446254.6337
PT STA 109+97.47
N=168495.3858
E=446343.3876

CURVE CL1006 ZH
PC STA 106+12.44
N=168809.1923
E=446196.0918
T=87.5588'
BK=S 17°26' 35.48" E
AH=N 7°26' 06.76" E
R=1000.0000'
DEG=5°43' 46.48"
DEL=10° 00' 28.73"
L=174.6722'
PI STA 107+00.00
N=168725.6599
E=446222.3384
PT STA 107+87.11
N=168638.8373
E=446233.6690

CURVE CL456 STH 35 NB
PC STA 305+54.63
N=169062.376
E=446241.097
T=95.994'
BK=N 13°52' 04.04" W
AH=N 14°47' 03.99" W
R=12000.000'
DEG=0°28' 38.87"
DEL=-0°54' 59.96"
L=191.984'
PI STA 306+50.62
N=169155.572
E=446218.089
PT STA 307+46.61
N=169248.388
E=446193.593

CURVE CL457 STH 35 NB
PC STA 308+04.65
N=169304.510
E=446178.781
T=95.994'
BK=N 14°47' 03.99" W
AH=N 13°52' 04.04" W
R=12000.000'
DEG=0°28' 38.87"
DEL=0°54' 59.96"
L=191.984'
PI STA 309+00.65
N=169397.326
E=446154.285
PT STA 309+96.64
N=169490.522
E=446131.277

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\027204_ad.dgn PLOT DATE : 16-SEP-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 200:1

2

CURVE CL213 OT
PC STA 200+00.00
N=172159.642
E=445030.311
T=194.8475'
BK=S 29°17' 21.60" E
AH=N 74°36' 26.10" E
R=248.930'
DEG=23°01' 00.57"
DEL=-76°06' 12.30"
L=330.642'
PI STA 201+94.85
N=171989.703
E=445125.635
PT STA 203+30.64
N=172041.423
E=445313.493

PI 330+02.26 SB
N=171432.279
E=445635.419

PI 135+00.00 PL
N=171142.483
E=445641.538

PI 136+45.07 PL
N=171001.315
E=445674.959

STA 325+59.9 SB
=PI 137+11.57 PL
N=171002.808
E=445741.446

S 13° -19'-09.40"E

125+00

325+00

N 13° -52'-04.04"W

325+00

137+00

N 13° -52'-04.04"W

STA 325+54.71 NB
=PI 137+27.97 PL
N=171003.175
E=445757.836

N 88° -42'-50.2 E

139+00

PENNY LANE

PI 139+21.28 PL
N=171007.514
E=445951.102

PI 331+05.26 SB
N=171532.277
E=445610.732

EQUATION
336+75.20 SB BK
=336+72.27 SB AH
= PI 204+94.24 OT
N=172084.848
E=445471.224

N 15° -00'-48.78"W

PI 332+55.29 SB
N=171677.185
E=445571.867

N 13° -52'-04.04"W

330+00

330+00

N 14° -00'-26.48"W

PI STA 331+03.64 NB
N=171536.052
E=445626.023

PI 330+01.01 NB
N=171436.473
E=445650.864

N 13°-52'-04.04"W
335+00

335+00
N 13°-52'-04.04"W

PI 332+53.68 NB
N=171682.458
E=445593.225

N 12° -37'-35.67"W

EQUATION
336+74.17 NB BK
=336+73.15 NB AH
= PI 205+16.25 OT
N=172090.690
E=445492.442

PC 200+00 OT

CTH 'OT'

CURVE
CL213 OT

203+00

N 12°-45'-21.99"W

PI 340+95.37 SB
N=172495.613
E=445369.815

PI 342+50.0 SB
N=172646.426
E=445335.672

PI 344+50.0 SB
N=172840.107
E=445285.797

340+00

340+00

N 14°-26'-26.72"W

345+00

N 13°-52'-04.04"W

350+00

N 13°-17'-41.35"W

345+00

N 13°-52'-04.04"W

350+00

PI 205+94.45 OT
N=172111.447
E=445567.839

207+00

CURVE
CL212 OT

PT 207+51.73 OT

PI 340+74.66 NB
N=172480.498
E=445396.207

N 14°-50'-53.41"W

PI 342+50.0 NB
N=172649.979
E=445351.275

PI 344+50.0 NB
N=172844.619
E=445305.283

CURVE CL212 OT
PC STA 206+68.67
N=172124.619
E=445640.880
T=41.625'
BK=N 79°46' 36.30" E
AH=N 89°19' 42.30" E
R=498.220'
DEG=11°30' 00.35"
DEL=-9°33' 06.00"
L=83.057'
PI STA 207+10.30
N=172132.007
E=445681.845
PT STA 207+51.73
N=172132.495
E=445723.467

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\027205_ad.dgn PLOT DATE : 16-SEP-2015 08:31 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 200:1

WISDOT/CADDS SHEET 42

2

CURVE CL214 US

PC STA 140+61.30
N=173771.046
E=444988.615
T=38.703'
BK=N 58°11'59.70" E
AH=N 83°51'05.30" E
R=170.000'
DEG=33°42'12.24"
DEL=25°39'05.60"
L=76.110'
PI STA 141+00.00
N=173791.441
E=445021.509
PT STA 141+37.41
N=173795.586
E=445059.989

CURVE CL219 RA

PC STA 166+97.95
N=174447.2321
E=444822.8421
T=97.7684'
BK=N 13°22'51.78" W
AH=N 89°26'32.30" W
R=125.000'
DEG=45°50'11.84"
DEL=-76°03'40.52"
L=165.9399'
PI STA 167+95.72
N=174542.3462
E=444800.2159
PT STA 168+63.89
N=174543.2979
E=444702.4522

CURVE CL220 SD

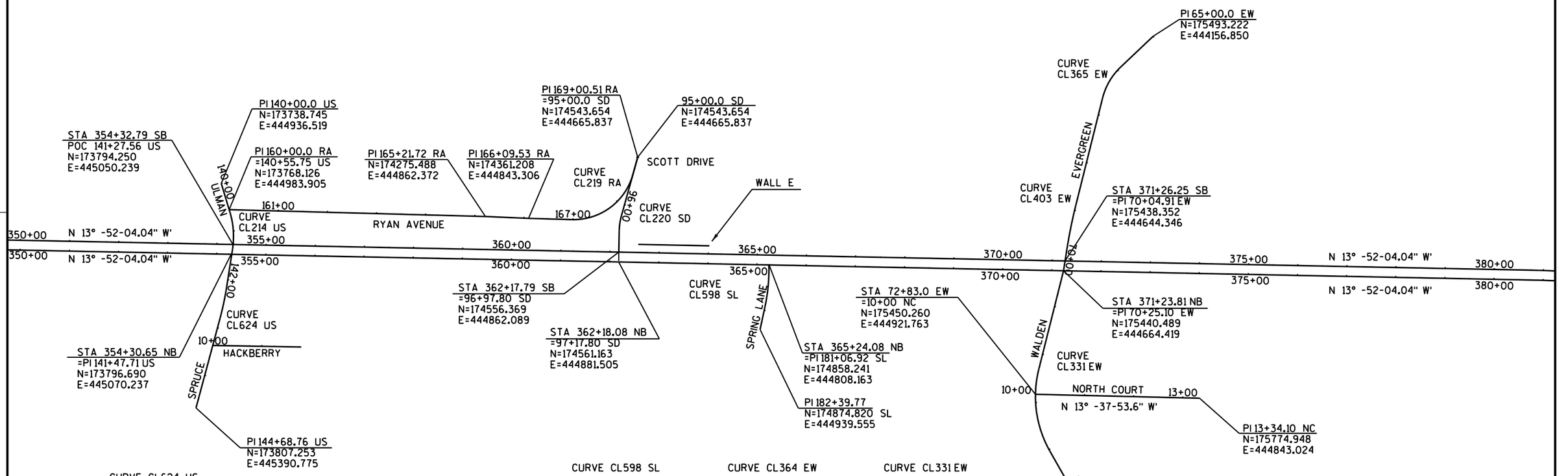
PC STA 96+23.46
N=174542.4526
E=444789.2867
T=15.8224'
BK=S 89°26'32.30" E
AH=N 76°07'46.25" E
R=125.000'
DEG=45°50'11.84"
DEL=-14°25'41.45"
L=31.4774'
PI STA 96+39.28
N=174542.2986
E=444805.1083
PT STA 96+54.93
N=174546.0917
E=444820.4694

CURVE CL403 EW

PC STA 68+90.45
N=175430.185
E=444530.229
T=44.547'
BK=N 89°01'26.08" E
AH=N 83°55'21.43" E
R=1000.000'
DEG=5°43'46.48"
DEL=-5°06'04.64"
L=89.034'
PI STA 69+35.00
N=175430.944
E=444574.769
PT STA 69+79.49
N=175435.660
E=444619.065

CURVE CL365 EW

PC STA 65+91.04
N=175445.561
E=444234.417
T=37.946'
BK=S 58°25'53.30" E
AH=N 89°01'26.08" E
R=130.000'
DEG=44°04'25.24"
DEL=-32°32'40.62"
L=73.841'
PI STA 66+28.99
N=175425.696
E=444266.748
PT STA 66+64.88
N=175426.342
E=444304.689



CURVE CL624 US

PC STA 142+14.94
N=173803.891
E=445137.076
T=32.366'
BK=N 83°51'05.30" E
AH=S 89°58'22.83" E
R=600.00'
DEG=9°32'57.47"
DEL=6°10'31.87"
L=64.670'
PI STA 142+47.31
N=173807.357
E=445169.256
PT STA 142+79.61
N=173807.342
E=445201.623

CURVE CL598 SL

PC STA 181+07.23
N=174858.328
E=444808.460
T=42.944'
BK=N 73°36'33.62" E
AH=N 87°12'51.95" E
R=360.000'
DEG=15°54'55.78"
DEL=-13°36'18.33"
L=85.483'
PI STA 181+50.17
N=174870.446
E=444849.658
PT STA 181+92.71
N=174872.533
E=444892.551

CURVE CL364 EW

PC STA 74+70.09
N=175555.169
E=445073.077
T=25.483'
BK=N 45°25'07.30" E
AH=N 72°42'08.64" E
R=105.000'
DEG=54°34'02.67"
DEL=-27°17'01.34"
L=50.000'
PI STA 74+95.57
N=175573.056
E=445091.227
PT STA 75+20.09
N=175580.633
E=445115.558

CURVE CL331 EW

PC STA 72+31.89
N=175443.695
E=444871.186
T=90.205'
BK=N 89°06'41.85" E
AH=N 45°25'07.30" E
R=225.000'
DEG=25°27'53.25"
DEL=-43°41'34.55"
L=171.582'
PI STA 73+22.10
N=1754445.094
E=444961.381
PT STA 74+03.47
N=175508.410
E=445025.630

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

2

CURVE CL380 PD

PC STA 200+78.74
N=176908.4598
E=444086.4542
T=37.9524'
BK=N 89°35' 31.80" E
AH=N 75°10' 19.31" E
R=300.000'
DEG=19°05' 54.94"
DEL=-14°25' 12.49"
L=75.5037'
PI STA 201+16.69
N=176908.7300
E=444124.4056
PT STA 201+54.24
N=176918.4427
E=444161.0941

CURVE CL377 SB

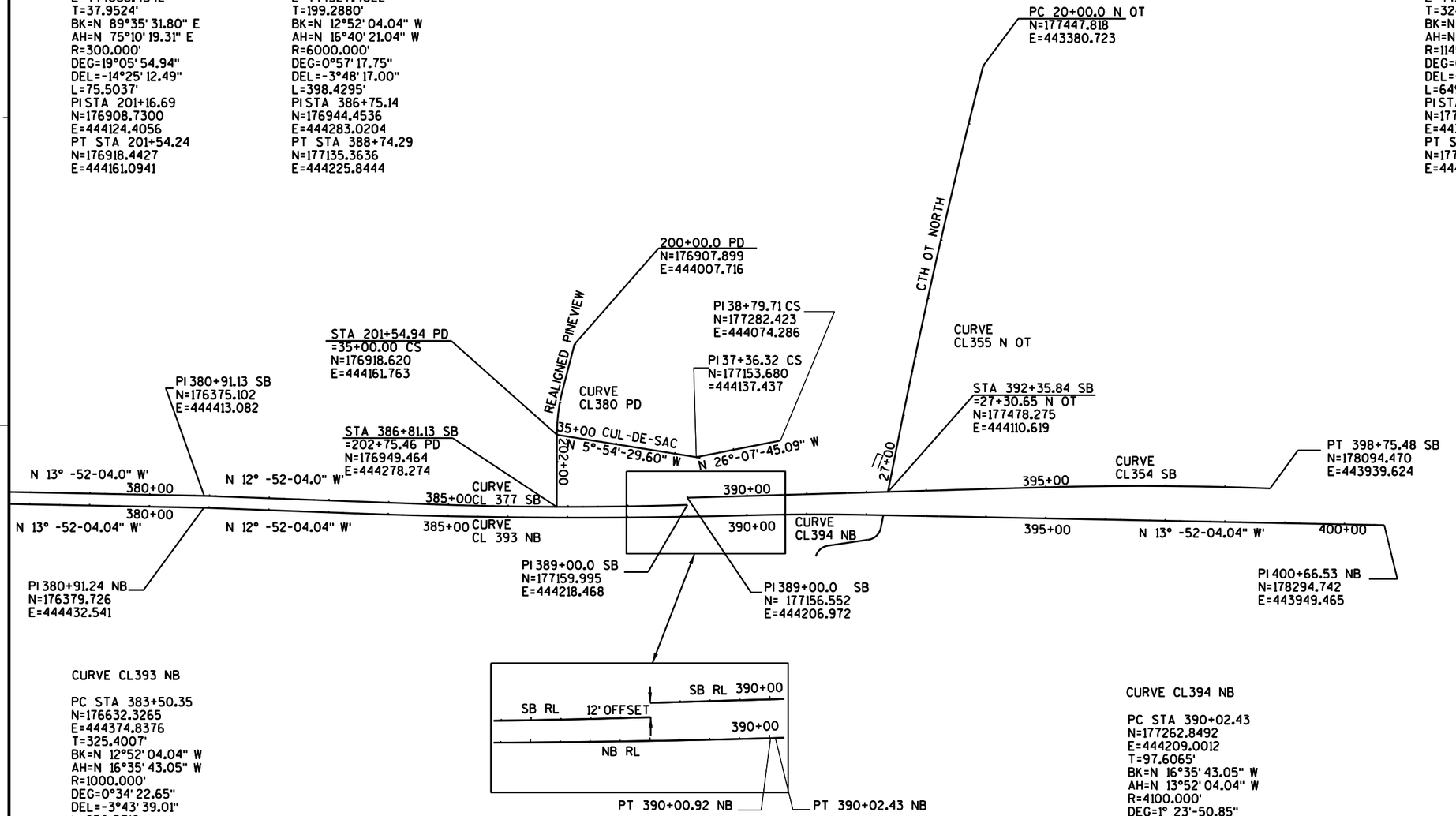
PC STA 384+75.86
N=176750.1705
E=444327.4022
T=199.2880'
BK=N 12°52' 04.04" W
AH=N 16°40' 21.04" W
R=6000.000'
DEG=0°57' 17.75"
DEL=-3°48' 17.00"
L=398.4295'
PI STA 386+75.14
N=176944.4536
E=444283.0204
PT STA 388+74.29
N=177135.3636
E=444225.8444

CURVE CL355 N OT

PC STA 20+00.00
N=177447.818
E=443380.723
T=324.9760'
BK=N 89°24' 53.09" E
AH=N 86°09' 57.09" E
R=11459.1559'
DEG=0° 30'-00.00"
DEL=-3°14' 56.00"
L=649.7778'
PI STA 23+24.98
N=177451.1370
E=443705.6816
PT STA 26+49.78
N=177472.8676
E=444029.9302

CURVE CL354 SB

PC STA 394+89.73
N=177721.4919
E=444037.7774
T=192.9479'
BK=N 16°40' 21.04" W
AH=N 12°48' 54.04" W
R=5729.5780'
DEG=1° 00'-00.00"
DEL=-3°51' 27.00"
L=385.7500'
PI STA 396+82.68
N=177906.3283
E=443982.4205
PT STA 398+75.48
N=178094.470
E=443939.624



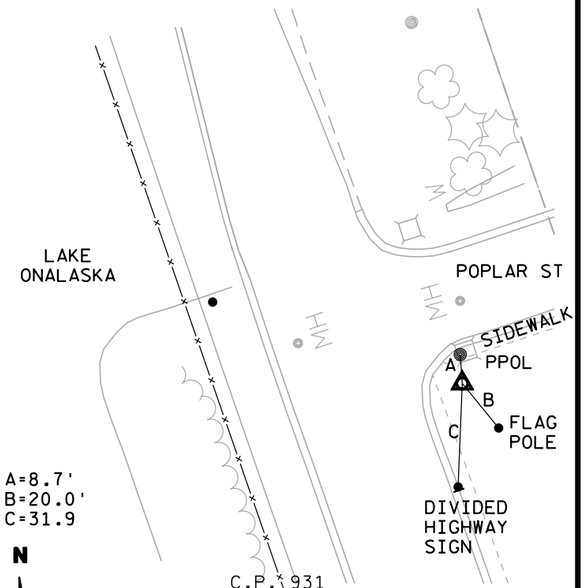
CURVE CL393 NB

PC STA 383+50.35
N=176632.3265
E=444374.8376
T=325.4007'
BK=N 12°52' 04.04" W
AH=N 16°35' 43.05" W
R=1000.000'
DEG=0°34' 22.65"
DEL=-3°43' 39.01"
L=650.5719
PI STA 386+75.75
N=176949.5553
E=444302.3701
PT STA 390+00.92
N=177261.4018
E=444209.4326

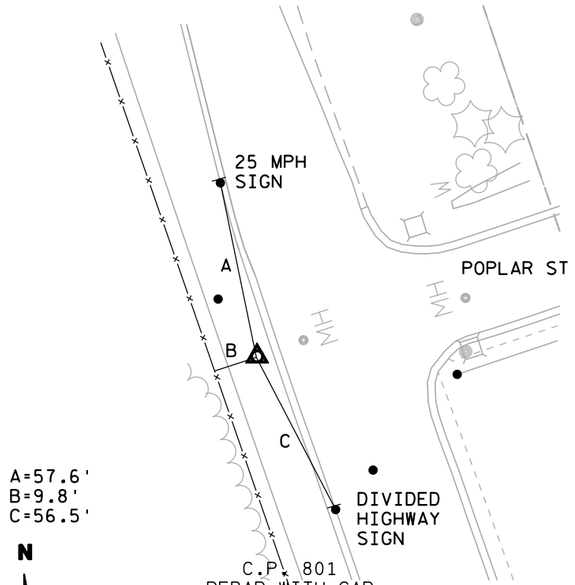
CURVE CL394 NB

PC STA 390+02.43
N=177262.8492
E=444209.0012
T=97.6065'
BK=N 16°35' 43.05" W
AH=N 13°52' 04.04" W
R=4100.000'
DEG=1° 23'-50.85"
DEL=-2°43' 39.01"
L=195.1760
PI STA 391+00.04
N=177356.3900
E=444181.1239
PT STA 391+97.61
N=177451.1513
E=444157.7293

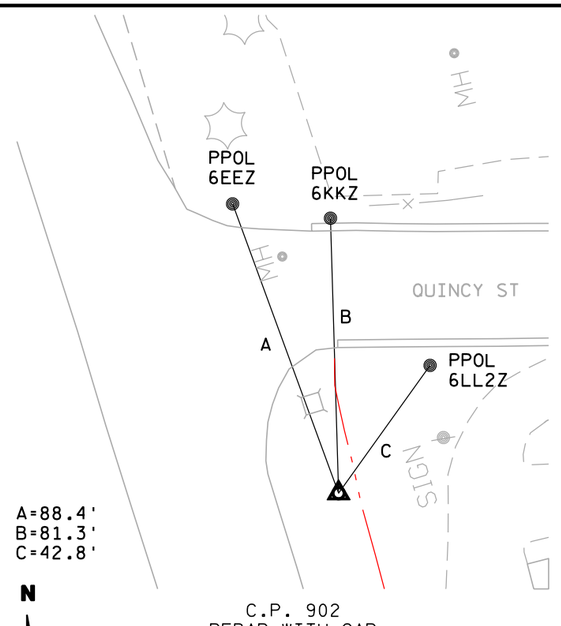
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E



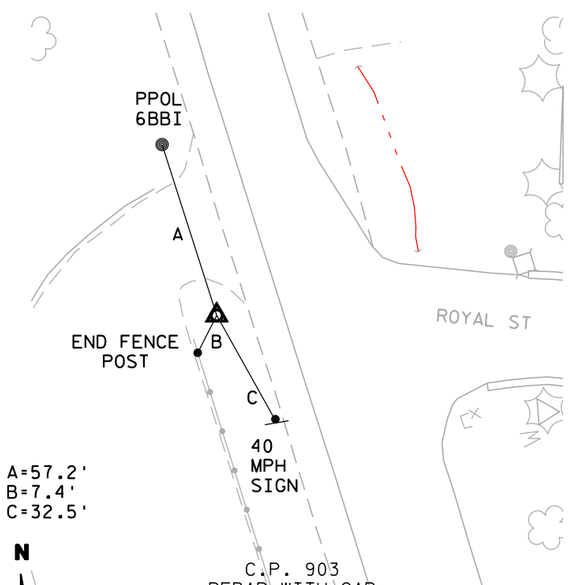
C.P. 931
REBAR WITH CAP
E 448880.56
N 159833.26
POINT LOCATED AT SE QUADRANT
OF STH 35 AND POPLAR STREET
ACROSS STREET FROM 801



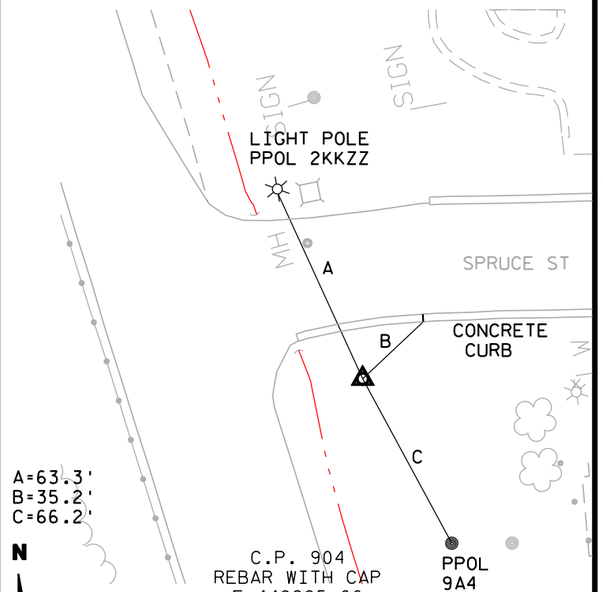
C.P. 801
REBAR WITH CAP
E 448814.02
N 159838.43
POINT LOCATED ON WEST SIDE
OF STH 35 & POPLAR ST
TRAVEL NORTH ON STH 35 FROM INT OF STH 35
& STH 157 ±0.56MI



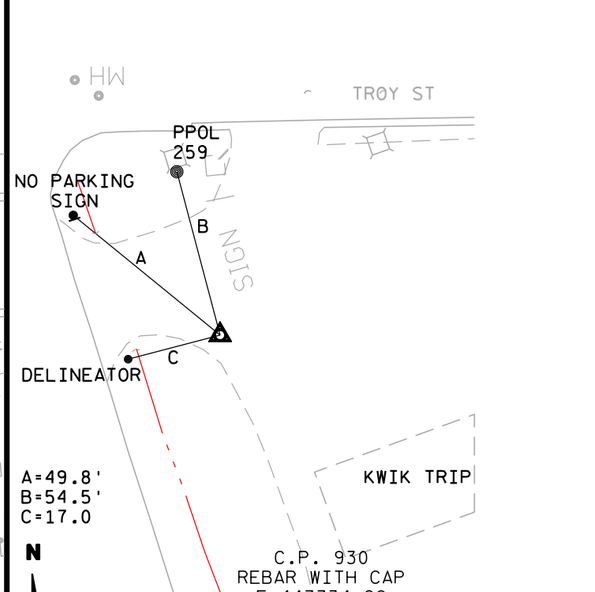
C.P. 902
REBAR WITH CAP
E 448659.29
N 160522.89
POINT LOCATED AT STH 35 & QUINCY ST.
SE QUADRANT. TRAVEL NORTH ON STH 35
FROM INT OF STH 35
AND STH 157 ±0.65 MI



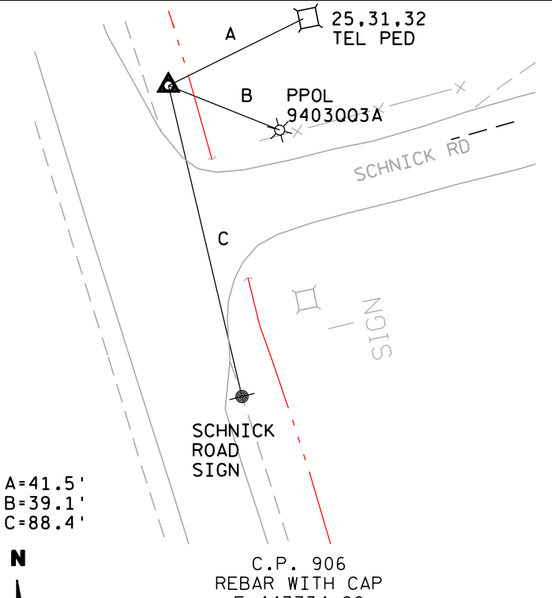
C.P. 903
REBAR WITH CAP
E 448410.27
N 161071.59
POINT LOCATED AT STH 35 & ROYAL ST.
NW QUADRANT. TRAVEL NORTH ON STH 35
FROM INT OF STH 35
AND STH 157 ±0.75 MI



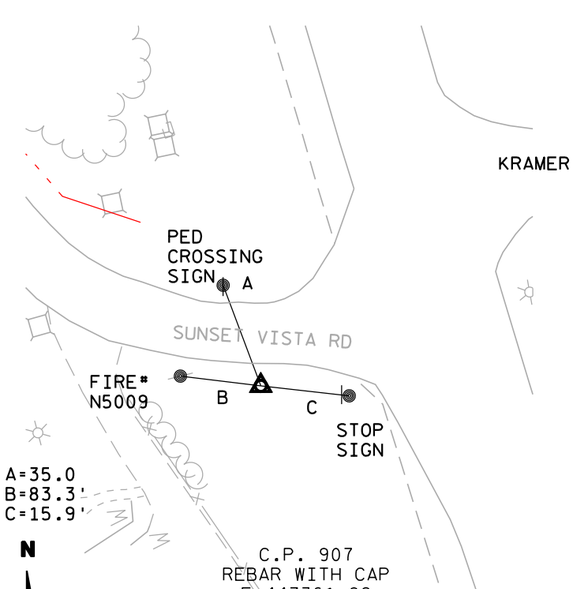
C.P. 904
REBAR WITH CAP
E 448295.66
N 161752.49
POINT LOCATED AT STH 35 & SPRUCE ST.
SE QUADRANT. TRAVEL NORTH ON STH 35
FROM INT OF STH 35
AND STH 157 ±0.90 MI



C.P. 930
REBAR WITH CAP
E 447734.29
N 163460.33
POINT LOCATED AT STH 35 & KWIK TRIP CE
SE QUADRANT. TRAVEL NORTH ON STH 35
FROM INT OF STH 35
AND STH 157 ± 1.0 MI



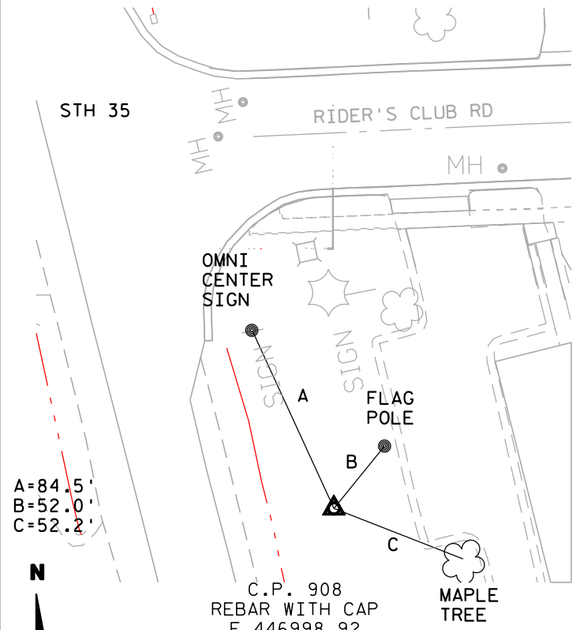
C.P. 906
REBAR WITH CAP
E 447734.29
N 163460.33
POINT LOCATED AT STH 35 & SCHNICK RD.
NE QUADRANT. TRAVEL NORTH ON STH 35
FROM INT OF STH 35
AND STH 157 ± 1.2 MI



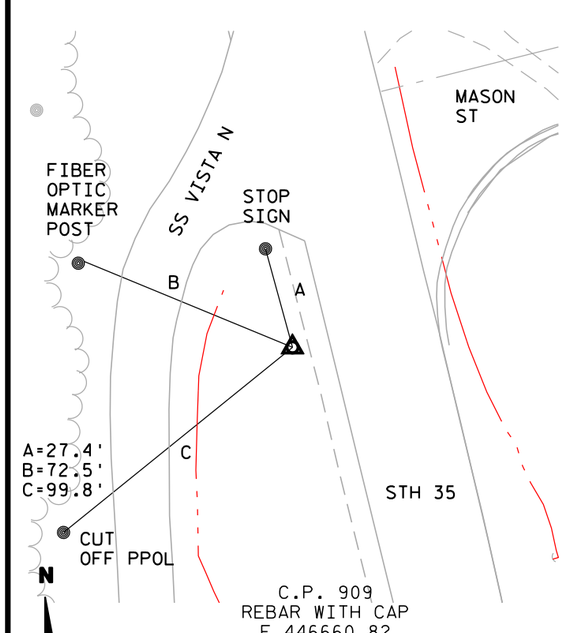
C.P. 907
REBAR WITH CAP
E 447361.82
N 164394.75
POINT LOCATED AT STH 35 & SUNSET VISTA
AND KRAMER RD. SW QUADRANT. TRAVEL NORTH
ON STH 35 FROM INT OF STH 35
AND STH 157 ± 1.4 MI

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

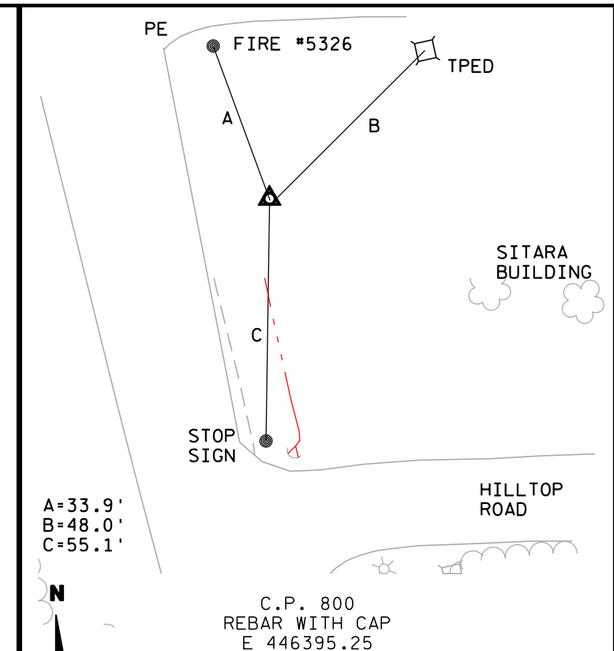
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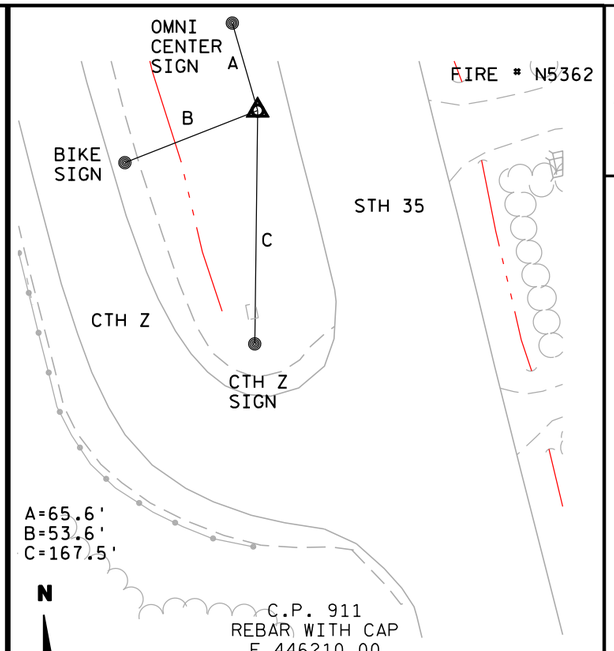
C.P. 908
REBAR WITH CAP
E 446998.92
N 166090.76
POINT LOCATED AT STH 35 & RIDERS CLUB RD, IN FRONT OF RIVERLAND ENERGY
SW QUADRANT 13' E OF EP. TRAVEL NORTH ON STH 35
FROM INT OF STH 35 AND STH 157 ± 1.7 MI



C.P. 909
REBAR WITH CAP
E 446660.82
N 167204.19
POINT LOCATED AT STH 35 & MASON RD,
SW QUADRANT,± 7' E OF EOP.
TRAVEL NORTH ON STH 35
FROM INT OF STH 35 AND STH 157 ± 1.95 MI

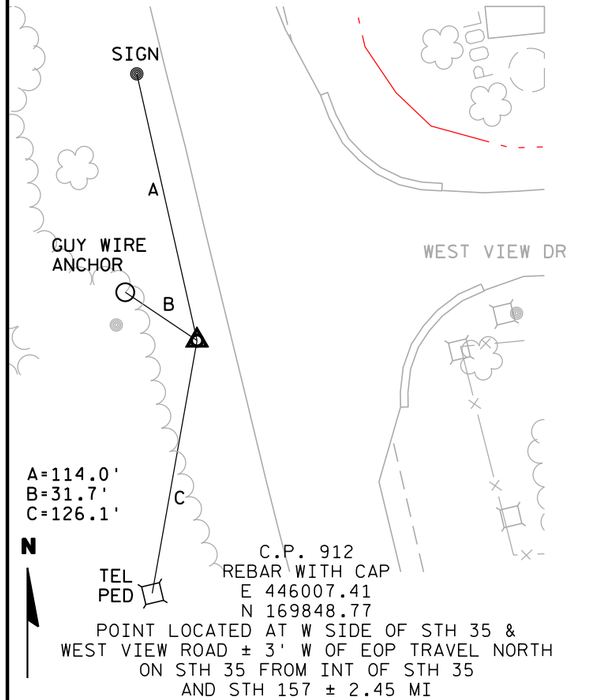


C.P. 800
REBAR WITH CAP
E 446395.25
N 168576.00
POINT LOCATED AT STH 35 & HILLTOP RD.
NE QUADRANT ± 30' E OF EOP TRAVEL NORTH
ON STH 35 FROM INT OF STH 35
AND STH 157 ± 2.3 MI

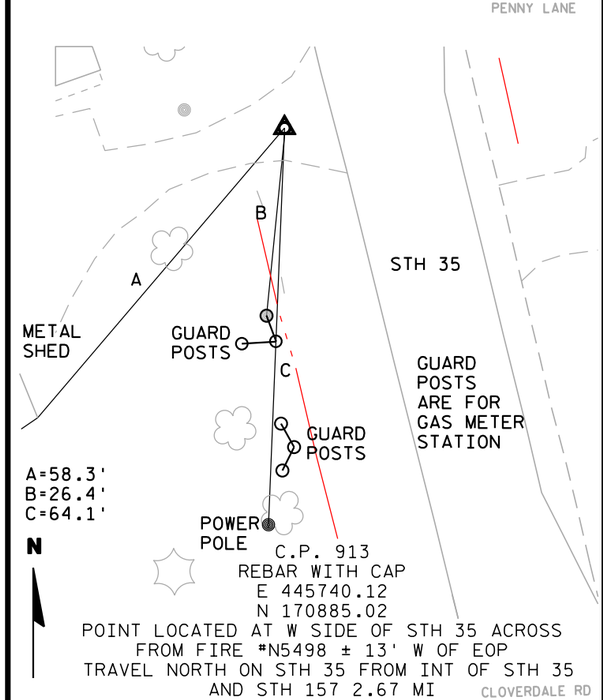


C.P. 911
REBAR WITH CAP
E 446210.00
N 169023.74
POINT LOCATED AT STH 35 & NORTH OF CTH Z INT
NW QUADRANT ± 5' W. OF EOP. TRAVEL NORTH
ON STH 35 FROM INT OF STH 35
AND STH 157 ± 2.3 MI

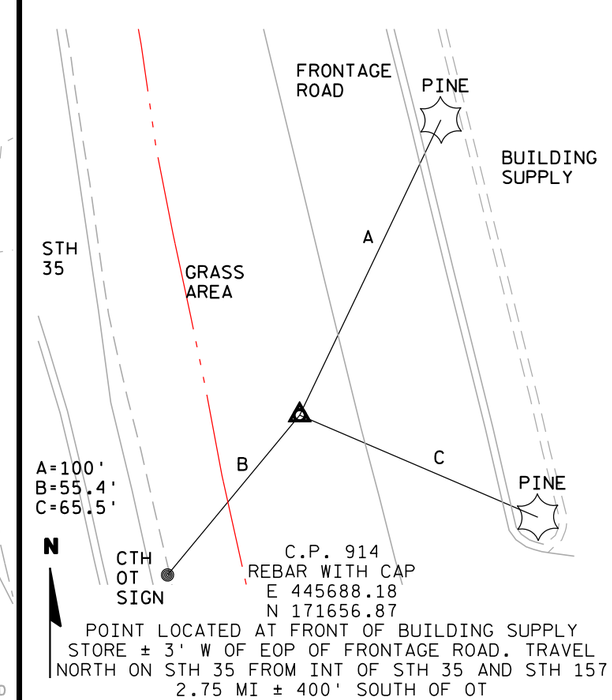
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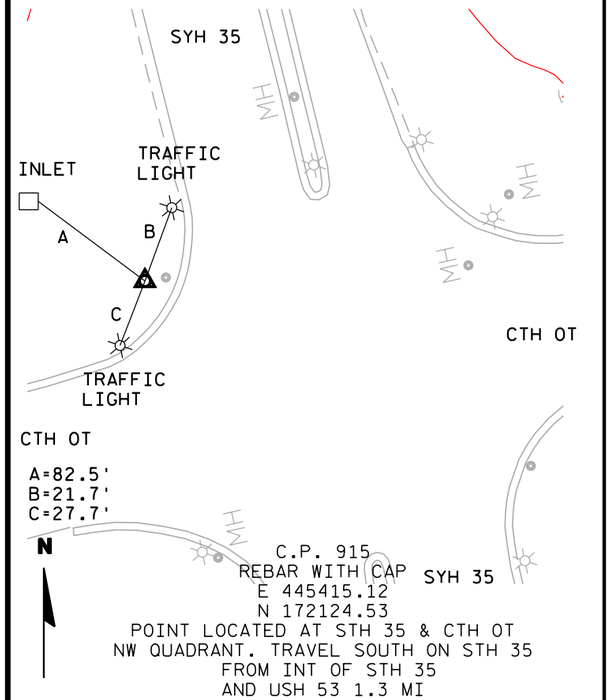
C.P. 912
REBAR WITH CAP
E 446007.41
N 169848.77
POINT LOCATED AT W SIDE OF STH 35 &
WEST VIEW ROAD ± 3' W OF EOP TRAVEL NORTH
ON STH 35 FROM INT OF STH 35
AND STH 157 ± 2.45 MI



C.P. 913
REBAR WITH CAP
E 445740.12
N 170885.02
POINT LOCATED AT W SIDE OF STH 35 ACROSS
FROM FIRE #N5498 ± 13' W OF EOP
TRAVEL NORTH ON STH 35 FROM INT OF STH 35
AND STH 157 2.67 MI



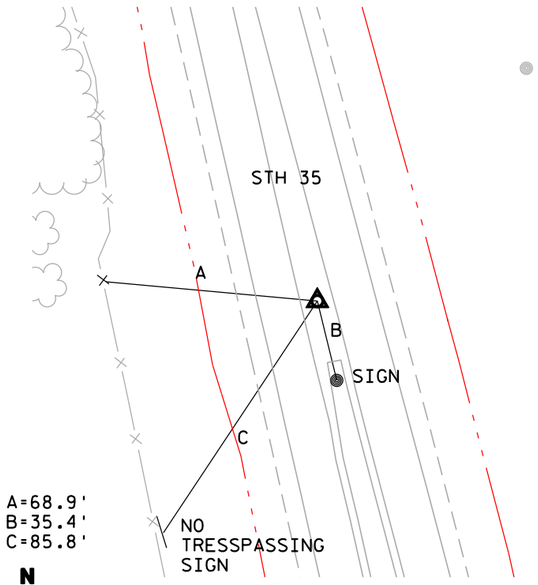
C.P. 914
REBAR WITH CAP
E 445688.18
N 171656.87
POINT LOCATED AT FRONT OF BUILDING SUPPLY
STORE ± 3' W OF EOP OF FRONTAGE ROAD. TRAVEL
NORTH ON STH 35 FROM INT OF STH 35 AND STH 157
2.75 MI ± 400' SOUTH OF OT



C.P. 915
REBAR WITH CAP
E 445415.12
N 172124.53
POINT LOCATED AT STH 35 & CTH OT
NW QUADRANT. TRAVEL SOUTH ON STH 35
FROM INT OF STH 35
AND USH 53 1.3 MI

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

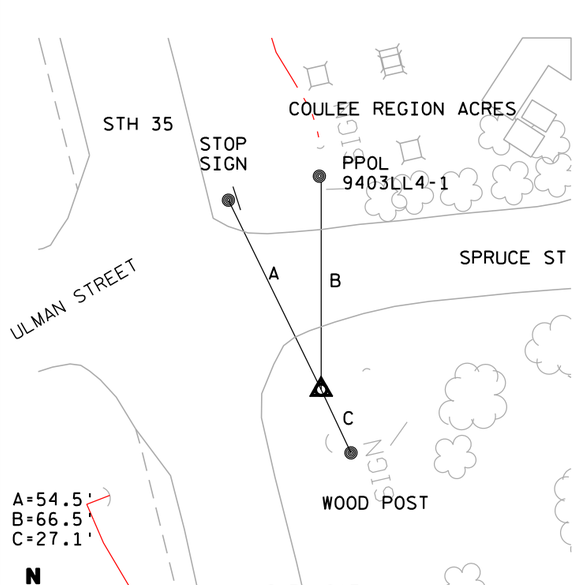
2



A=68.9'
B=35.4'
C=85.8'

N

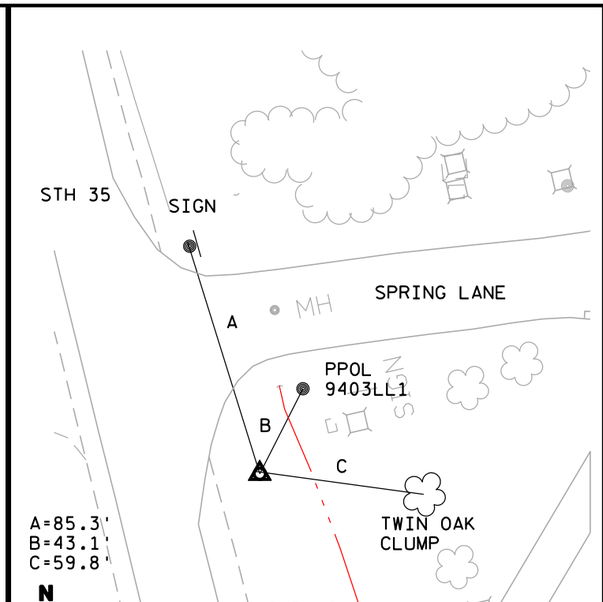
C.P. 916
PK NAIL
E 445302.86
N 172816.48
PK NAIL LOCATED IN MEDIAN JUST NORTH
OF STH 35. TRAVEL SOUTH ON STH 35
FROM INT OF STH 35
& USH 53 ± 1.2 MI



A=54.5'
B=66.5'
C=27.1'

N

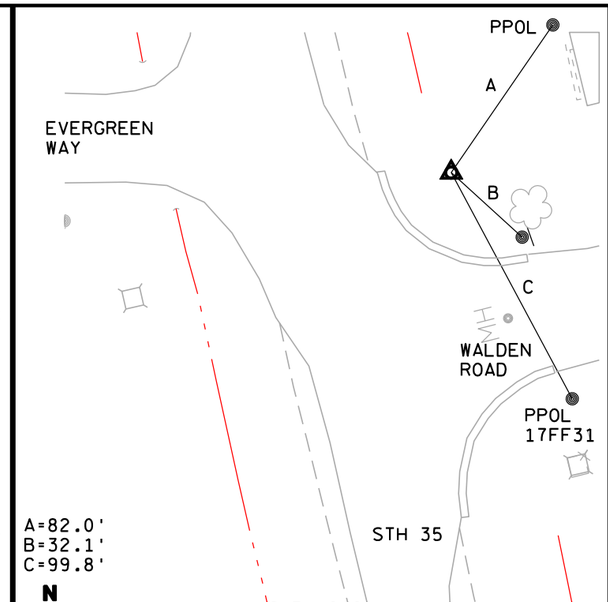
C.P. 917
REBAR WITH CAP
E 445104.01
N 173765.53
POINT LOCATED AT STH 35 & SPRUCE ST
SE QUADRANT, ± 7' SE OF EOP RADIUS
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53 ± 1.0 MI



A=85.3'
B=43.1'
C=59.8'

N

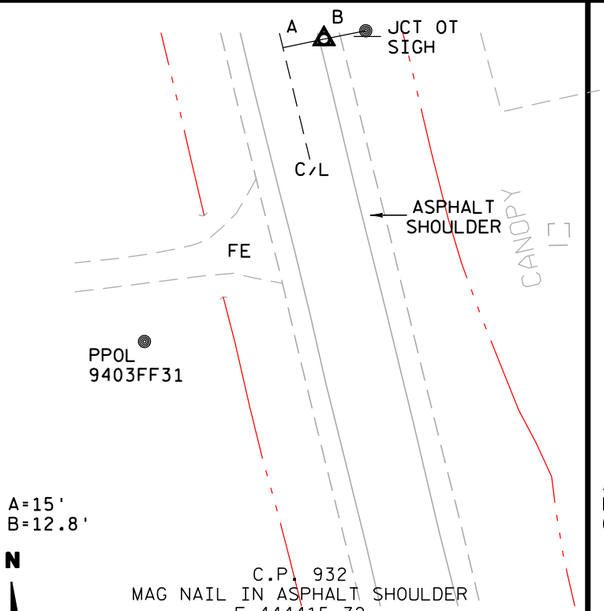
C.P. 918
REBAR WITH CAP
E 444840.10
N 174800.01
POINT LOCATED AT E SIDE OF STH 35 NEAR
COULEE REGION ACRES ± 5' E OF EOP
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53 ± 0.8 MI



A=82.0'
B=32.1'
C=99.8'

N

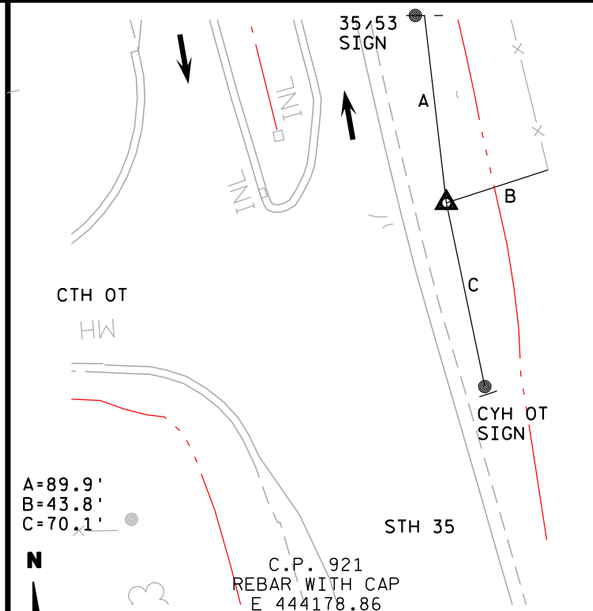
C.P. 919
REBAR WITH CAP
E 444692.07
N 175427.38
POINT LOCATED AT STH 35 & WALDEN RD
NE QUADRANT ± 11' E OF EOP
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53 ± 0.7 MI



A=15'
B=12.8'

N

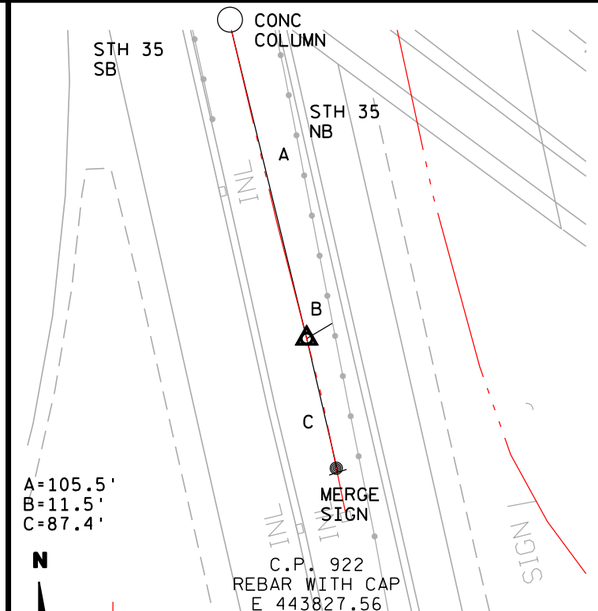
C.P. 932
MAG NAIL IN ASPHALT SHOULDER
E 444415.72
N 176476.82
POINT LOCATED AT E SIDE STH 35 N OF FE
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53± 0.5 MI



A=89.9'
B=43.8'
C=70.1'

N

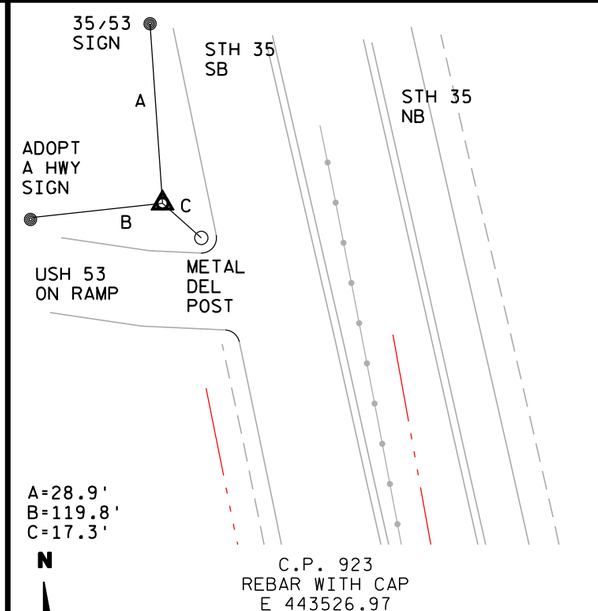
C.P. 921
REBAR WITH CAP
E 444178.86
N 177492.05
POINT LOCATED AT E SIDE STH 35 ACROSS
FROM OT N ± 8' E OF EOP
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53 ± 0.3 MI



A=105.5'
B=11.5'
C=87.4'

N

C.P. 922
REBAR WITH CAP
E 443827.56
N 178766.67
POINT LOCATED IN MEDIAN OF STH 35
JUST S OF USH 53
TRAVEL SOUTH ON STH 35
FROM INT OF STH 35 AND USH 53 ± 100'

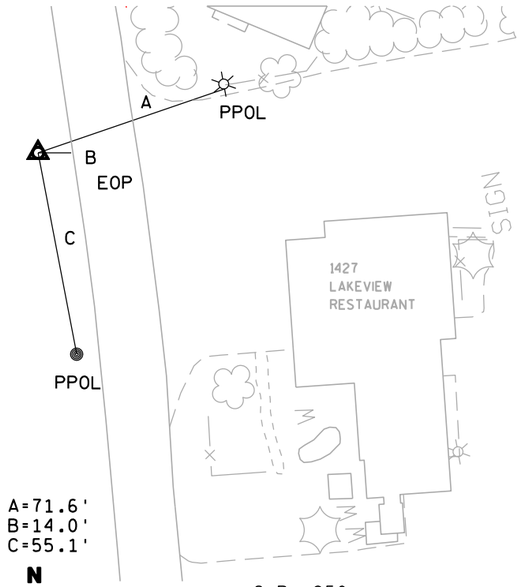


A=28.9'
B=119.8'
C=17.3'

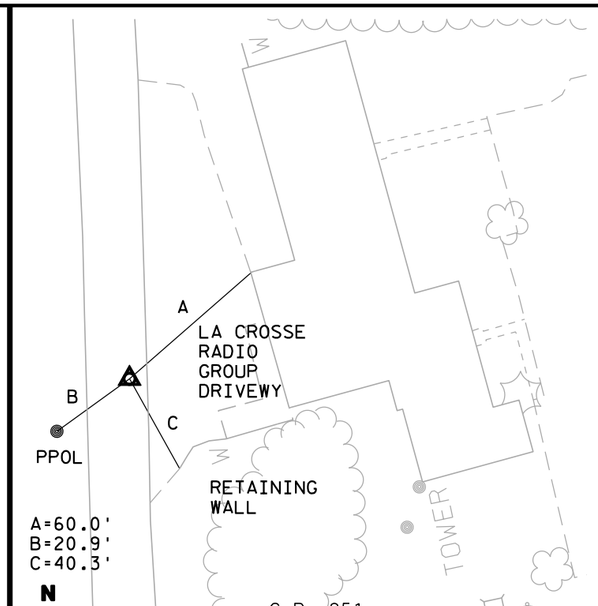
N

C.P. 923
REBAR WITH CAP
E 443526.97
N 179777.77
POINT LOCATED AT STH 35 USH 53
NW QUADRANT, ± 6' W OF BOC
TRAVEL NORTH ON STH 35
FROM INT OF STH 35 AND USH 53± 0.15 MI

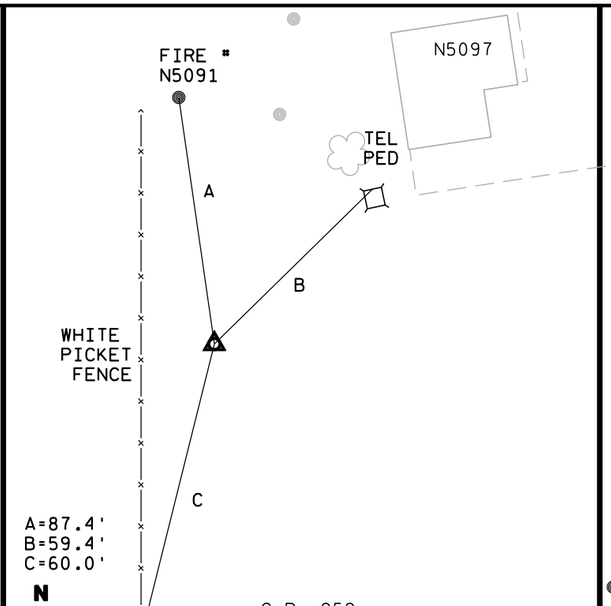
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E



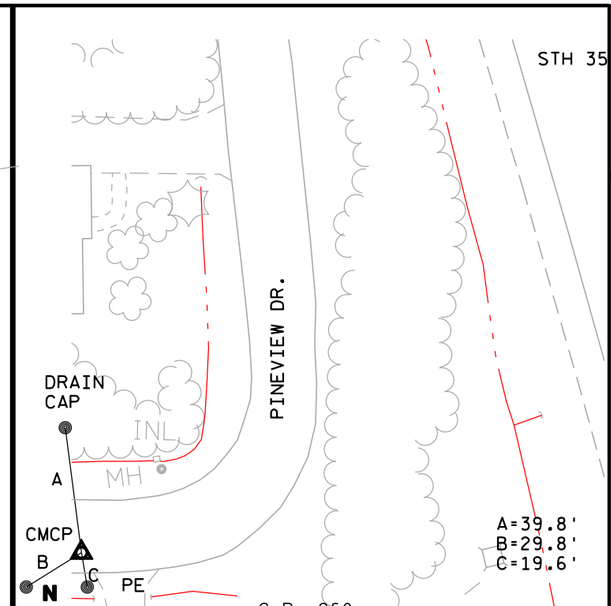
C.P. 950
REBAR WITH CAP
E 446741.629
N 166047.627
POINT LOCATED AT W SIDE OF SS VISTA
BEHIND RESTAURANT
TRAVEL NORTH ON SS VISTA
FROM S INT OF STH 35 AND SS VISTA ± 0.3 MI



C.P. 951
PK NAIL
E 446780.809
N 165119.21
PK NAIL LOCATED IN SS VISTA ± 2' FROM W EOP
BEHIND LA CROSSE RADIO GROUP
TRAVEL NORTH ON SS VISTA FROM S INT OF STH 35
& SS VISTA ±0.21MI



C.P. 952
PK NAIL
E 446804.86
N 165352.70
PK NAIL LOCATED IN SS VISTA ± 2' FROM W EOP
± 100' S OF FIRE #N5091
TRAVEL NORTH ON SS VISTA FROM S INT OF STH 35
& SS VISTA ±0.15MI



C.P. 960
PK NAIL
E 444140.170
N 176899.585
PK NAIL LOCATED IN PINEVIEW DRIVE
TRAVEL SOUTH ON PINEVIEW DRIVE
FROM INT OF STH 35 & PINEVIEW DRIVE
± 250' LEFT BETWEEN PE'S

2

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	ALIGNMENT DIAGRAM	SHEET	E

DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE 7190-06-71

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	201.0105	Clearing	STA	51.000	51.000
0020	201.0205	Grubbing	STA	51.000	51.000
0030	203.0100	Removing Small Pipe Culverts	EACH	59.000	59.000
0040	203.0200	Removing Old Structure (station) 01. 366+58	LS	1.000	1.000
0050	204.0100	Removing Pavement	SY	42,325.000	42,325.000
0060	204.0110	Removing Asphaltic Surface	SY	69,619.000	69,619.000
0070	204.0150	Removing Curb & Gutter	LF	3,281.000	3,281.000
0080	204.0155	Removing Concrete Sidewalk	SY	121.000	121.000
0090	204.0165	Removing Guardrail	LF	983.000	983.000
0100	204.0195	Removing Concrete Bases	EACH	2.000	2.000
0110	204.0205	Removing Utility Poles	EACH	23.000	23.000
0120	204.0210	Removing Manholes	EACH	1.000	1.000
0130	204.0220	Removing Inlets	EACH	4.000	4.000
0140	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	18.000	18.000
0150	204.0245	Removing Storm Sewer (size) 02. 24-Inch	LF	370.000	370.000
0160	204.0245	Removing Storm Sewer (size) 03. 36-Inch	LF	70.000	70.000
0170	204.0250	Abandoning Manholes	EACH	4.000	4.000
0180	204.0280	Sealing Pipes	EACH	9.000	9.000
0190	204.9060.S	Removing (item description) 01. Timber Curbs	EACH	105.000	105.000
0200	205.0100	Excavation Common	CY	82,267.000	82,267.000
0210	206.2000	Excavation for Structures Culverts (structure) 01. B-32-0009	LS	1.000	1.000
0220	208.0100	Borrow	CY	13,932.000	13,932.000
0230	208.1100	Select Borrow	CY	4,483.000	4,483.000
0240	210.0100	Backfill Structure	CY	2,380.000	2,380.000
0250	213.0100	Finishing Roadway (project) 01. 7190-06-71	EACH	1.000	1.000
0260	214.0100	Obliterating Old Road	STA	10.000	10.000
0270	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	115,113.000	115,113.000
0280	405.0100	Coloring Concrete Red	CY	195.000	195.000
0300	416.0160	Concrete Driveway 6-Inch	SY	751.000	751.000
0310	416.0508	Concrete Roundabout Truck Apron 8-Inch	SY	622.000	622.000
0340	440.4410	Incentive IRI Ride	DOL	11,490.000	11,490.000
0350	455.0105	Asphaltic Material PG58-28	TON	63.000	63.000
0360	455.0120	Asphaltic Material PG64-28	TON	1,706.000	1,706.000
0370	455.0605	Tack Coat	GAL	5,744.000	5,744.000
0380	460.1100	HMA Pavement Type E-0.3	TON	1,067.000	1,067.000
0390	460.1103	HMA Pavement Type E-3	TON	30,920.000	30,920.000
0400	460.2000	Incentive Density HMA Pavement	DOL	20,480.000	20,480.000
0410	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	105,110.000	105,110.000
0420	465.0105	Asphaltic Surface	TON	1,242.000	1,242.000
0430	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	292.000	292.000
0440	465.0125	Asphaltic Surface Temporary	TON	5,862.000	5,862.000
0450	465.0315	Asphaltic Flumes	SY	52.000	52.000
0460	502.6105	Masonry Anchors Type S 5/8-Inch	EACH	100.000	100.000
0470	504.0100	Concrete Masonry Culverts	CY	815.000	815.000
0480	505.0400	Bar Steel Reinforcement HS Structures	LB	50,790.000	50,790.000
0490	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	1,700.000	1,700.000
0500	511.1200	Temporary Shoring (structure) 01. B-32-0009	SF	3,700.000	3,700.000

3

DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-71 QUANTITY
0510	516.0500	Rubberized Membrane Waterproofing	SY	55.000	55.000
0520	520.8000	Concrete Collars for Pipe	EACH	3.000	3.000
0530	521.0112	Culvert Pipe Corrugated Steel 12-Inch	LF	162.000	162.000
0540	521.0118	Culvert Pipe Corrugated Steel 18-Inch	LF	904.000	904.000
0550	521.0124	Culvert Pipe Corrugated Steel 24-Inch	LF	234.000	234.000
0560	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	7.000	7.000
0570	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	28.000	28.000
0580	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	4.000	4.000
0590	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	138.000	138.000
0600	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	428.000	428.000
0610	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	108.000	108.000
0620	522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH	2.000	2.000
0630	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	5.000	5.000
0640	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	12.000	12.000
0650	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	5.000	5.000
0660	601.0120	Concrete Curb Type J	LF	261.000	261.000
0680	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	19,370.000	19,370.000
0690	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	14,322.000	14,322.000
0700	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	654.000	654.000
0710	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	1,615.000	1,615.000
0720	602.0410	Concrete Sidewalk 5-Inch	SF	53,230.000	53,230.000
0730	602.0415	Concrete Sidewalk 6-Inch	SF	1,602.000	1,602.000
0740	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	880.000	880.000
0750	606.0200	Riprap Medium	CY	270.000	270.000
0760	606.0300	Riprap Heavy	CY	402.000	402.000
0770	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	3,856.000	3,856.000
0780	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	2,274.000	2,274.000
0790	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	2,577.000	2,577.000
0800	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	1,136.000	1,136.000
0810	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	6.000	6.000
0820	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	741.000	741.000
0830	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	6.000	6.000
0840	608.0348	Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	LF	885.000	885.000
0850	611.0420	Reconstructing Manholes	EACH	1.000	1.000
0860	611.0530	Manhole Covers Type J	EACH	18.000	18.000

3

DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-71 QUANTITY
0870	611.0535	Manhole Covers Type J-Special	EACH	21.000	21.000
0880	611.0606	Inlet Covers Type B	EACH	2.000	2.000
0890	611.0612	Inlet Covers Type C	EACH	1.000	1.000
0900	611.0624	Inlet Covers Type H	EACH	82.000	82.000
0910	611.0627	Inlet Covers Type HM	EACH	2.000	2.000
0920	611.0636	Inlet Covers Type HM-S	EACH	2.000	2.000
0930	611.0639	Inlet Covers Type H-S	EACH	1.000	1.000
0940	611.0642	Inlet Covers Type MS	EACH	15.000	15.000
0950	611.0652	Inlet Covers Type T	EACH	4.000	4.000
0960	611.2004	Manholes 4-FT Diameter	EACH	21.000	21.000
0970	611.2006	Manholes 6-FT Diameter	EACH	15.000	15.000
0980	611.2008	Manholes 8-FT Diameter	EACH	8.000	8.000
0990	611.3004	Inlets 4-FT Diameter	EACH	28.000	28.000
1000	611.3230	Inlets 2x3-FT	EACH	59.000	59.000
1010	611.3901	Inlets Median 1 Grate	EACH	5.000	5.000
1020	611.3902	Inlets Median 2 Grate	EACH	3.000	3.000
1030	611.3904	Inlets Median 4 Grate	EACH	1.000	1.000
1040	611.8110	Adjusting Manhole Covers	EACH	1.000	1.000
1050	611.8120.S	Cover Plates Temporary	EACH	39.000	39.000
1060	611.9710	Salvaged Inlet Covers	EACH	3.000	3.000
1070	611.9800.S	Pipe Grates	EACH	3.000	3.000
1080	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	455.000	455.000
1090	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-Inch	SY	4.000	4.000
1100	614.2300	MGS Guardrail 3	LF	2,557.000	2,557.000
1110	614.2610	MGS Guardrail Terminal EAT	EACH	6.000	6.000
1120	615.0200	Curbs Treated Timber	EACH	90.000	90.000
1130	616.0100	Fence Woven Wire (height) 01. 4-FT.	LF	803.000	803.000
1140	616.0204	Fence Chain Link 4-FT	LF	480.000	480.000
1150	616.0205	Fence Chain Link 5-FT	LF	408.000	408.000
1160	616.0700.S	Fence Safety	LF	3,430.000	3,430.000
1170	618.0100	Maintenance And Repair of Haul Roads (project) 01. 7190-06-71	EACH	1.000	1.000
1180	619.1000	Mobilization	EACH	1.000	1.000
1190	620.0100	Concrete Corrugated Median	SF	7,981.000	7,981.000
1200	620.0300	Concrete Median Sloped Nose	SF	838.000	838.000
1210	624.0100	Water	MGAL	204.000	204.000
1220	625.0100	Topsoil	SY	8,551.000	8,551.000
1230	625.0500	Salvaged Topsoil	SY	39,634.000	39,634.000
1240	627.0200	Mulching	SY	38,539.000	38,539.000
1250	628.1104	Erosion Bales	EACH	1,519.000	1,519.000
1260	628.1504	Silt Fence	LF	4,388.000	4,388.000
1270	628.1520	Silt Fence Maintenance	LF	4,388.000	4,388.000
1280	628.1905	Mobilizations Erosion Control	EACH	8.000	8.000
1290	628.1910	Mobilizations Emergency Erosion Control	EACH	6.000	6.000
1310	628.2023	Erosion Mat Class II Type B	SY	109,542.000	109,542.000
1320	628.2027	Erosion Mat Class II Type C	SY	338.000	338.000
1330	628.7005	Inlet Protection Type A	EACH	11.000	11.000
1340	628.7010	Inlet Protection Type B	EACH	7.000	7.000
1350	628.7015	Inlet Protection Type C	EACH	90.000	90.000
1360	628.7020	Inlet Protection Type D	EACH	1.000	1.000
1390	629.0210	Fertilizer Type B	CWT	29.000	29.000
1400	630.0120	Seeding Mixture No. 20	LB	802.000	802.000
1410	630.0200	Seeding Temporary	LB	433.000	433.000

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DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-71 QUANTITY
1420	631.0300	Sod Water	MGAL	317.000	317.000
1430	631.1000	Sod Lawn	SY	13,858.000	13,858.000
1440	633.5200	Markers Culvert End	EACH	27.000	27.000
1450	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	23.000	23.000
1460	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	132.000	132.000
1470	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	78.000	78.000
1480	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	20.000	20.000
1490	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	2.000	2.000
1500	634.0810	Posts Tubular Steel 2x2-Inch X 10-FT	EACH	61.000	61.000
1510	634.0811	Posts Tubular Steel 2x2-Inch X 11-FT	EACH	16.000	16.000
1520	637.2210	Signs Type II Reflective H	SF	2,322.660	2,322.660
1530	637.2215	Signs Type II Reflective H Folding	SF	44.760	44.760
1540	637.2220	Signs Type II Reflective SH	SF	6.750	6.750
1550	637.2230	Signs Type II Reflective F	SF	306.500	306.500
1560	638.2102	Moving Signs Type II	EACH	11.000	11.000
1570	638.2602	Removing Signs Type II	EACH	137.000	137.000
1580	638.3000	Removing Small Sign Supports	EACH	132.000	132.000
1590	642.5201	Field Office Type C	EACH	1.000	1.000
1600	643.0100	Traffic Control (project) 01. 7190-06-71	EACH	1.000	1.000
1620	643.0300	Traffic Control Drums	DAY	119,507.000	119,507.000
1630	643.0420	Traffic Control Barricades Type III	DAY	15,255.000	15,255.000
1640	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	139.000	139.000
1650	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	139.000	139.000
1670	643.0715	Traffic Control Warning Lights Type C	DAY	4,178.000	4,178.000
1690	643.0900	Traffic Control Signs	DAY	19,111.000	19,111.000
1700	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000
1730	645.0120	Geotextile Fabric Type HR	SY	1,190.000	1,190.000
1740	646.0106	Pavement Marking Epoxy 4-Inch	LF	74,948.000	74,948.000
1750	646.0126	Pavement Marking Epoxy 8-Inch	LF	7,222.000	7,222.000
1760	646.0136	Pavement Marking Epoxy 12-Inch	LF	1,030.000	1,030.000
1770	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	100.000	100.000
1780	647.0176	Pavement Marking Arrows Epoxy Type 3	EACH	2.000	2.000
1790	647.0206	Pavement Marking Arrows Bike Lane Epoxy	EACH	2.000	2.000
1800	647.0306	Pavement Marking Symbols Bike Lane Epoxy	EACH	2.000	2.000
1810	647.0356	Pavement Marking Words Epoxy	EACH	13.000	13.000
1820	647.0456	Pavement Marking Curb Epoxy	LF	807.000	807.000
1830	647.0526	Pavement Marking Yield Line Symbols Epoxy 18-Inch	EACH	2.000	2.000
1840	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	593.000	593.000
1850	647.0606	Pavement Marking Island Nose Epoxy	EACH	32.000	32.000
1860	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	114.000	114.000
1880	647.0856	Pavement Marking Concrete Corrugated Median Epoxy	SF	2,377.000	2,377.000
1890	649.0402	Temporary Pavement Marking Paint 4-Inch	LF	60,840.000	60,840.000
1900	649.1100	Temporary Pavement Marking Stop Line 18-Inch	LF	225.000	225.000
1910	650.4000	Construction Staking Storm Sewer	EACH	158.000	158.000
1920	650.4500	Construction Staking Subgrade	LF	39,046.000	39,046.000
1930	650.5000	Construction Staking Base	LF	39,046.000	39,046.000
1940	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	36,222.000	36,222.000
1950	650.6000	Construction Staking Pipe Culverts	EACH	12.000	12.000

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DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-71 QUANTITY
1960	650.6500	Construction Staking Structure Layout (structure) 01. B-32-0009	LS	1.000	1.000
1970	650.8500	Construction Staking Electrical Installations (project) 01. 7190-06-71	LS	1.000	1.000
1980	650.9910	Construction Staking Supplemental Control (project) 01. 7190-06-71	LS	1.000	1.000
1990	650.9920	Construction Staking Slope Stakes	LF	39,046.000	39,046.000
2000	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	3,180.000	3,180.000
2010	652.0335	Conduit Rigid Nonmetallic Schedule 80 3-Inch	LF	70.000	70.000
2020	653.0135	Pull Boxes Steel 24x36-Inch	EACH	14.000	14.000
2030	653.0140	Pull Boxes Steel 24x42-Inch	EACH	11.000	11.000
2040	654.0105	Concrete Bases Type 5	EACH	23.000	23.000
2050	654.0113	Concrete Bases Type 13	EACH	2.000	2.000
2060	655.0230	Cable Traffic Signal 5-14 AWG	LF	122.000	122.000
2070	655.0260	Cable Traffic Signal 12-14 AWG	LF	351.000	351.000
2080	655.0305	Cable Type UF 2-12 AWG Grounded	LF	351.000	351.000
2090	655.0610	Electrical Wire Lighting 12 AWG	LF	8,586.000	8,586.000
2100	655.0625	Electrical Wire Lighting 6 AWG	LF	11,356.000	11,356.000
2110	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	23.000	23.000
2120	657.0322	Poles Type 5-Aluminum	EACH	23.000	23.000
2130	657.0710	Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT	EACH	8.000	8.000
2140	657.0715	Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	EACH	19.000	19.000
2150	657.1360	Install Poles Type 13	EACH	2.000	2.000
2160	657.1545	Install Monotube Arms 45-FT	EACH	2.000	2.000
2170	657.1815	Install Luminaire Arms Steel 15-FT	EACH	3.000	3.000
2180	658.0110	Traffic Signal Face 3-12 Inch Vertical	EACH	2.000	2.000
2190	658.0115	Traffic Signal Face 4-12 Inch Vertical	EACH	2.000	2.000
2200	658.0215	Backplates Signal Face 3 Section 12-Inch	EACH	2.000	2.000
2210	658.0220	Backplates Signal Face 4 Section 12-Inch	EACH	2.000	2.000
2220	659.1120	Luminaires Utility LED B	EACH	27.000	27.000
2230	659.1125	Luminaires Utility LED C	EACH	2.000	2.000
2240	690.0150	Sawing Asphalt	LF	14,927.000	14,927.000
2250	690.0250	Sawing Concrete	LF	2,788.000	2,788.000
2260	715.0502	Incentive Strength Concrete Structures	DOL	4,890.000	4,890.000
2270	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR ON-THE-JOB TRAINING APPRENTICE AT $5.00/HR	HRS	2,500.000	2,500.000
2280	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR ON-THE-JOB TRAINING GRADUATE AT $5.00/HR	HRS	3,520.000	3,520.000
2410	SPV.0060	Special 13. Pavement Marking Grooved Preformed Thermoplastic Words	EACH	7.000	7.000
2420	SPV.0060	Special 14. Concrete Control Cabinet Bases Special	EACH	1.000	1.000
2430	SPV.0060	Special 15. Concrete Cutoff Wall	EACH	4.000	4.000
2440	SPV.0060	Special 16. Lighting Control Cabinet	EACH	1.000	1.000
2450	SPV.0060	Special 17. Storm Sewer Tap	EACH	6.000	6.000
2460	SPV.0060	Special 18. Inlets 1G-MS Special	EACH	1.000	1.000
2470	SPV.0060	Special 19. Manholes 9-FT Diameter Special	EACH	1.000	1.000
2480	SPV.0060	Special 20. Manhole Joint Conversion	EACH	2.000	2.000

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DATE 20OCT15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-71 QUANTITY
2490	SPV.0060	Special 21. Reinforced Concrete Pipe Slope Collar	EACH	1.000	1.000
2500	SPV.0060	Special 22. Storm Drainage Adjustment	EACH	4.000	4.000
2510	SPV.0060	Special 23. Inlet Covers Type DW	EACH	1.000	1.000
2520	SPV.0060	Special 24. Inlets 2X2.5-FT Special	EACH	2.000	2.000
2530	SPV.0060	Special 25. Manholes 6-FT Diameter Special	EACH	2.000	2.000
2610	SPV.0060	Special 33. Cleaning Bridge Box Culvert B-32-09	EACH	1.000	1.000
2680	SPV.0090	Special 06. Pavement Marking Grooved Preformed Thermoplastic 8-Inch	LF	550.000	550.000
2690	SPV.0090	Special 07. Pavement Marking Grooved Preformed Thermoplastic 12-Inch	LF	509.000	509.000
2700	SPV.0090	Special 08. Pavement Marking Grooved Preformed Thermoplastic 18-Inch	LF	127.000	127.000
2710	SPV.0090	Special 09. Construction Staking Archaeological Utility Layout	LF	2,590.000	2,590.000
2720	SPV.0090	Special 10. Storm Sewer Carrier Pipe Lining	LF	76.000	76.000
2730	SPV.0090	Special 11. Ditch Shaping	LF	2,690.000	2,690.000
2760	SPV.0090	Special 14. Multi-Use Trail Match Grading	LF	750.000	750.000
2780	SPV.0105	Special 01. Infiltration Basin	LS	1.000	1.000
2790	SPV.0105	Special 02. Rectangular Rapid Flashing Beacon System	LS	1.000	1.000
2800	SPV.0105	Special 03. Construction Staking Archaeological Sub-Grade Limit	LS	1.000	1.000
2810	SPV.0105	Special 04. Archaeological Excavation	LS	1.000	1.000
2820	SPV.0105	Special 05. Postal Delivery Coordination	LS	1.000	1.000
2830	SPV.0165	Special 01. Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **P**	SF	9,355.000	9,355.000
2850	SPV.0165	Special 03. Wall Modular Block Gravity Landscape LRFD **P**	SF	6,563.000	6,563.000

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CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA	REMARKS
0010	217+00	-	219+00	LT	2	2	EMBANKMENT-MAINLINE
0010	244+00	-	255+00	LT	11	11	EMBANKMENT-MAINLINE
0010	263+00	-	268+00	RT	5	5	MAINLINE
0010	277+00	-	285+00	LT	8	8	MAINLINE
0010	150+00'RS'	-	152+00'RS'	LT/RT	2	2	RELOCATED SUNSET
0010	4+00	-	5+00	LT	1	1	TRAIL CONNECTION
0010	287+00	-	290+00	LT	3	3	MASON ROUNDABOUT
0010	297+00	-	304+00	LT	7	7	MAINLINE/CTH Z RELOCATION
0010	308+00	-	313+00	LT	5	5	MAINLINE
0010	345+00	-	348+00	LT	3	3	MAINLINE
0010	366+00	-	368+00	LT/RT	2	2	B-32-09 EXTENSION
0010	386+00	-	388+00	LT	2	2	MAINLINE-PINEVIEW RELOCATION
				TOTAL 0010	51	51	

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY	REMARKS
0010	213+50	-	324+75	LT/RT	29330	MAINLINE TRAVEL LANES
0010	348+60	-	385+05	LT/RT	12995	MAINLINE TRAVEL LANES
				TOTAL 0010	42325	

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	TO	STATION	LOCATION	204.0110 SY	REMARKS
0010	210+35	-	213+50	LT/RT	1665	
0010	213+50	-	331+05	RT	21160	
0010	213+50	-	331+05	LT	15215	
0010	219+05	-	223+30	LT	2685	SOUTH LOOKOUT
0010	237+80	-	240+75	LT	1310	NORTH LOOKOUT
0010	149+50'RS'	-	150+81'RS'	LT/RT	415	SUNSET VISTA
0010	90+30'M'	-	93+90'M'	LT/RT	1592	MASON
0010	105+00'ZH'	-	106+40'ZH'	LT/RT	1085	CTH Z
0010	342+50	-	393+08	RT	6055	
0010	342+50	-	396+00	LT	6975	
0010	70+90'EW'	-	74+30'EW'	LT/RT	1645	WALDEN
0010	200+75'PD'	-	37+40'CS'	LT/RT	1165	PINEVIEW
0010	256+00	-	256+75	STAGE 2B	92	
0010	259+25	-	261+75	STAGE 2B	140	
0010	254+50	-	256+50	STAGE 2B	247	
0010	302+50	-	304+00	STAGE 2B	106	
0010	307+75	-	309+50	STAGE 2B	157	
0010	320+00	-	322+00	STAGE 2B	247	
0010	323+50	-	324+75	STAGE 2B	214	
0010	345+00	-	345+50	STAGE 2B	181	
0010	273+11	-	275+75	STAGE 2A	222	
0010	276+00	-	277+00	STAGE 2A	438	
0010	277+64	-	278+69	STAGE 2A	41	
0010	277+34	-	286+60	STAGE 2A	451	
0010	285+10	-	286+02	STAGE 2A	26	
0010	286+78	-	287+82	STAGE 2A	379	
0010	288+14	-	2960+63	STAGE 2A	228	
0010	280+00	-	281+00	STAGE 3	123	
0010				PROJECT	5360	STAGE 3
				TOTAL 0010	69619	

REMOVING SMALL PIPE CULVERTS

CATEGORY	STATION	LOCATION	203.0100 EACH
0010	211+37	RT	1
0010	211+67	RT	1
0010	215+15	RT	1
0010	215+62	RT	1
0010	220+45'R'	CROSS	1
0010	223+47	RT	1
0010	225+65	RT	1
0010	226+94	RT	1
0010	227+88	RT	1
0010	30+35'S'	CROSS	1
0010	232+71	RT	1
0010	234+90	RT	1
0010	235+45	RT	1
0010	237+20	RT	1
0010	40+65'T'	CROSS	1
0010	239+38	RT	1
0010	241+42	RT	1
0010	242+42	RT	1
0010	50+40'SR'	CROSS	1
0010	251+19	RT	1
0010	78+30'KS'	CROSS	1
0010	269+47	LT	1
0010	270+03	RT	1
0010	271+09	LT	1
0010	271+47	RT	1
0010	272+78	RT	1
0010	274+54	RT	1
0010	275+00	LT	1
0010	276+15	LT	1
0010	277+25	RT	1
0010	VACATED SUNSET	CROSS	1
0010	284+41	RT	1
0010	292+74	RT	1
0010	293+13	RT	1
0010	296+36	RT	1
0010	296+70	RT	1
0010	297+00	RT	1
0010	299+05	RT	1
0010	110+55'ZH'	CROSS	1
0010	301+15	RT	1
0010	302+21	RT	1
0010	303+13	RT	1
0010	304+05	RT	1
0010	305+27	RT	1
0010	315+94	RT	1
0010	125+40'C'	CROSS	1
0010	326+30	LT	1
0010	352+65	RT	1
0011	354+30	RT	1
0010	181+50'SL'	CROSS	1
0010	211+37	RT	1
0010	211+67	RT	1
0010	215+15	RT	1
0010	215+62	RT	1
0010	220+45'R'	CROSS	1
0010	377+87	LT	1
0010	386+90	CROSS	1
0010	389+00	LT	1
0010	390+57	LT	1
		TOTAL 0010	59

REMOVING CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	204.0150 LF
0010	10+82'Q'	-	12+78'Q'	LT	200
0010	10+85'Q'	-	12+78'Q'	RT	190
0010	20+58'R'	-	21+50'R'	RT	92
0010	20+70'R'	-	21+50'R'	LT	80
0010	30+89'S'	-	31+01'S'	LT	12
0010	30+89'S'	-	31+01'S'	RT	12
0010	40+67'T'	-	42+25'T'	LT	158
0010	40+82'T'	-	42+25'T'	RT	143
0010	286+56	-	287+16	RT	86
0010	287+62	-	287+94	RT	66
0010	152+48'RS'	-	155+52'RS'	RT	305
0010	152+48'RS'	-	155+52'RS'	LT	315
0010	153+43'RS'	-	155+45'RS'	RT	15
0010	153+80'RS'	-	153+82'RS'	RT	17
0010	153+89'RS'	-	153+91'RS'	RT	16
0010	90+91'M'	-	92+87'M'	RT	195
0010	90+91'M'	-	92+87'M'	LT	215
0010	313+08	-	314+15	RT	106
0010	321+46	-	322+52	RT	111
0010	137+61'PL'	-	138+71'PL'	RT	145
0010	325+74	-	326+28	RT	78
0010	329+53	-	331+05	LT	304
0010	342+50	-	343+97	LT	294
0010	369+81	-	371+00	RT	126
				TOTAL 0010	3281

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	204.0155 SY
0010	153+02'RS'	-	154+55'RS'	RT	26
0010	90+91'M'	-	92+87'M'	LT	95
				TOTAL 0010	121

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 LF	REMARKS
0010	227+37	-	236+85	LT	131	
0010	103+40'ZH'	-	106+42'ZH'	RT	324	WEST SIDE OF CTH ZH
0010	365+58	-	368+18	LT	260	
0010	365+60	-	368+28	RT	268	
				TOTAL 0010	983	

NOTE FOR ALL MISCELLANEOUS QUANTITY SHEETS:
ALL STATIONING IS BASED OFF OF NB REFERENCE LINE UNLESS OTHERWISE NOTED.

REMOVING CONCRETE BASES

CATEGORY	STATION	LOCATION	204.0195 EACH	REMARKS
0010	41+42'T'	RT 24'	1	Troy Street Boulevard
0010	155+01'RS'	LT 27'	1	Van Riper Park
TOTAL 0010			2	

REMOVING UTILITY POLES

CATEGORY	STATION	LOCATION	204.0205 EACH	REMARKS
0010		LT	7	Obliterated Sunset Vista
0010	150+30'RS'	LT	1	Sunset Vista
0010	287+27	LT 121'	1	Mainline
0010	289+33	LT 78'	1	Mainline
0010	290+71	LT 66'	1	Mainline
0010	291+91	LT 62'	1	Mainline
0010	293+22	LT 67'	1	Mainline
0010	294+73	LT 72'	1	Mainline
0010	296+32	LT 67'	1	Mainline
0010	297+78	LT 72'	1	Mainline
0010	299+13	LT 71'	1	Mainline
0010	301+01	LT 68'	1	Mainline
0010	302+27	LT 66'	1	Mainline
0010	307+20	LT 57'	1	Mainline
0010	308+44	LT 56'	1	Mainline
0010	309+68	LT 55'	1	Mainline
0010	310+76	LT 56'	1	Mainline
TOTAL 0010			23	

REMOVING MANHOLES

CATEGORY	STATION	LOCATION	204.0210 EACH	REMARKS
0010	299+95	LT 52'	1	Mainline Cross Drain Run
TOTAL 0010			1	

REMOVING INLETS

CATEGORY	STATION	LOCATION	204.0220 EACH
0010	210+63.5	LT 33.4'	1
0010	210+64	RT 18.5'	1
0010	210+48	RT 34'	1
0010	276+90	LT 21.3'	1
TOTAL 0010			4

REMOVING STORM SEWER (SIZE) 01. 12-INCH

CATEGORY	STATION	TO	STATION	LOCATION	204.0245.01 LF
0010	210+45	-	210+63	LT	18
TOTAL 0010					18

REMOVING STORM SEWER (SIZE) 02. 24-INCH

CATEGORY	STATION	LOCATION	204.0245.02 LF	REMARKS
0010	234+24	LT & RT	145	Mainline Cross Drain
0010	299+95	LT & RT	225	Mainline Cross Drain
TOTAL 0010			370	

REMOVING STORM SEWER (SIZE) 03. 36-INCH

CATEGORY	STATION	LOCATION	204.0245.03 LF	REMARKS
0010	299+95	LT	70	State Trail Cross Drain
TOTAL 0010			70	

ABANDONING MANHOLES

CATEGORY	STATION	LOCATION	204.0250 EACH	REMARKS
0010	233+23	RT 33'	1	6-FT DIAMETER
0010	233+23	LT 40'	1	
0010	233+23	LT 103'	1	
0010	234+25	RT 35'	1	6-FT DIAMETER
TOTAL 0010			4	

SEALING PIPES

CATEGORY	STATION	LOCATION	204.0280 EACH	REMARKS
0010	230+23	RT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	233+23	LT	1	Spruce to Troy Discharge Run
0010	237+23	RT	1	Spruce to Troy Discharge Run
0010	234+21	LT 118	1	36-Inch State Trail Cross Drain
TOTAL 0010			9	

REMOVING (ITEM DESCRIPTION) 01. TIMBER CURBS

CATEGORY	STATION	TO	STATION	LOCATION	204.9060.S.01 EACH	REMARKS
0010	219+60	-	223+15	LT	60	SOUTH OVERLOOK
0010	238+00	-	240+50	LT	45	NORTH OVERLOOK
TOTAL 0010					105	

SELECT BORROW

CATEGORY	STATION	TO	STATION	LOCATION	208.1100 CY
0010	232+50	-	235+50	LT	756
0010	250+15	-	254+44	LT	3727
TOTAL 0010					4483

OBLITERATING OLD ROAD

CATEGORY	STATION	TO	STATION	LOCATION	214.0100 STA
0010	101+00'VS'	-	110+35'VS'	VACATED SUNSET VISTA	10
TOTAL 0010					10

EARTH WORK

DIVISIONS	FROM TO STA	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	EBS (3)	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	205.0400 MARSH EXC (6)	205.0200 ROCK EXC (7)	REDUCED MARSH IN FILL (8) FACTOR 0.60	REDUCED EBS IN FILL (9) FACTOR 0.80	EXPANDED MARSH BACKFILL (10) FACTOR 1.50	EXPANDED EBS BACKFILL (11) FACTOR 1.30	EXPANDED ROCK (12) FACTOR 1.10	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT:
1 & 2	210+35.0 To 222+41.0	Poplar to Royal (Mainline)	4,905	0.0	875	4,030	0	0	0	0	0	0	0	3,824	4,780	-750			
DIVISIONS 1 & 2 SUBTOTAL			4,905	0	875	4,030	0	0	0	0	0	0	0	3,824	4,780	-750			
3, 4, & 5	222+41.0 To 247+09.0	Royal to Schnick (Mainline)	7,976	0	1,801	6,175	0	0	0	0	0	0	0	2,428	3,035	3,140			
DIVISIONS 3, 4, & 5 SUBTOTAL			7,976	0	1,801	6,175	0	0	0	0	0	0	0	2,428	3,035	3,140			
6 through 14	247+09.0 To 331+03.0	Schnick to CTH OT (Mainline)	38,120	0	6,001	32,119	0	0	0	0	0	0	0	20,744	25,930	6,189			
DIVISION 6 through 14 SUBTOTAL			38,120	0	6,001	32,119	0	0	0	0	0	0	0	20,744	25,930	6,189			
15 through 18	342+50.0 To 392+00.0	CTH OT to CTH OT (North) (Mainline)	26,397	0	3,585	22,812	0	0	0	0	0	0	0	21,092	26,365	-3,553			
DIVISION 15 through 18 SUBTOTAL			26,397	0	3,585	22,812	0	0	0	0	0	0	0	21,092	26,365	-3,553			
19	10+50.0 To 12+78.0	Quincy	234	0	69	165	0	0	0	0	0	0	0	120	150	15			
DIVISION 19 SUBTOTAL			234	0	69	165	0	0	0	0	0	0	0	120	150	15			
20	77+25.0 To 82+00.0	Kramer/Sunset	243	0	50	193	0	0	0	0	0	0	0	1,050	1,313	-1,120			
DIVISION 20 SUBTOTAL			243	0	50	193	0	0	0	0	0	0	0	1,050	1,313	-1,120			
21	149+50.0 To 155+50.0	Sunset/Riders	1,132	0	92	1,040	0	0	0	0	0	0	0	30	38	1,003			
DIVISION 21 SUBTOTAL			1,132	0	92	1,040	0	0	0	0	0	0	0	30	38	1,003			
22	4+50.0 To 5+60.0	Fisherman	298	0	15	283	0	0	0	0	0	0	0	212	265	18			
DIVISION 22 SUBTOTAL			298	0	15	283	0	0	0	0	0	0	0	212	265	18			
23	91+50.0 To 93+00.0	Mason	333	0	53	280	0	0	0	0	0	0	0	23	29	251			
DIVISION 23 SUBTOTAL			333	0	53	280	0	0	0	0	0	0	0	23	29	251			
24	102+05.0 To 111+43.0	CTH Z/Hilltop	741	0	80	661	0	0	0	0	0	0	0	17,211	21,514	-20,853			
DIVISION 24 SUBTOTAL			741	0	80	661	0	0	0	0	0	0	0	17,211	21,514	-20,853			
25	68+00.0 To 74+00.0	Evergreen/Walden	1,401	0	105	1,295	0	0	0	0	0	0	0	129	0	1,295			
DIVISION 25 SUBTOTAL			1,401	0	105	1,295	0	0	0	0	0	0	0	129	0	1,295			
26	200+75.0 To 202+25.0	Pine View	42	0	11	32	0	0	0	0	0	0	0	225	0	32			
DIVISION 26 SUBTOTAL			42	0	11	32	0	0	0	0	0	0	0	225	0	32			
27	35+33.0 To 37+75.0	Cul-de-Sac	299	0	27	272	0	0	0	0	0	0	0	55	0	272			
DIVISION 27 SUBTOTAL			299	0	27	272	0	0	0	0	0	0	0	55	0	272			
28	393+29.6 To 396+00.0	CTH OT (north) Turn	146	0	17	129	0	0	0	0	0	0	0	9	0	129			
DIVISION 28 SUBTOTAL			146	0	17	129	0	0	0	0	0	0	0	9	0	129			
GRAND TOTAL			82,267	0	12,781	69,486	0	0	0	0	0	0	0	67,153	83,419	-13,932	0	**13,932**	
TOTAL COMMON EXC			**82,267**																

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.
4) Salvaged/Unusable Pavement Material
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
6) Marsh Excavation - to be backfilled with Select Borrow Material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well. Item number 205.0500
7) Rock Excavation item number 205.0200
8) Reduced Marsh in Fill - Excavated Marsh material is usuable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.6
9) Reduced EBS in Fill - Excavated EBS material is usuable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8
10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item number 208.11
11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.11
12) Expanded Rock - Factor = 1.1.
13) Expanded Fill. Factor = 1.25 Expanded Fill = (Unexpanded Fill - Rock* Rock Factor) * Fill Factor
14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

3

3

BASE AGGREGATE DENSE 1 1/4-INCH

305.0120

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
0010	210+25	-	220+06	LT/RT	5130	MAINLINE
0010	211+37			RT	6	ASPHALT DRIVEWAY
0010	211+67			RT	6	ASPHALT DRIVEWAY
0010	215+15			RT	10	GRAVEL DRIVEWAY
0010	215+62			RT	35	ASPHALT DRIVEWAY
0010	11+58'Q'	-	12+78'Q'	LT/RT	212	QUINCY
0010	11+70'Q'			RT	33	ASPHALT DRIVEWAY
0010	12+16'Q'			LT	15	ASPHALT DRIVEWAY
0010	12+53'Q'			RT	18	ASPHALT DRIVEWAY
0010	218+86			RT	20	ASPHALT DRIVEWAY
0010	220+06	-	258+63	LT/RT	20294	MAINLINE
0010	220+06	-	274+99	RT	1925	10' MULTI-USE TRAIL
0010	219+05	-	223+30	LT	946	SOUTH LOOKOUT
0010	220+57			RT	28	ASPHALT DRIVEWAY
0010	20+96'R'	-	21+50'R'	LT/RT	74	ROYAL
0010	21+18'R'			RT	23	ASPHALT DRIVEWAY
0010	21+27'R'			RT	2	CONCRETE DRIVEWAY
0010	223+46			RT	10	GRAVEL DRIVEWAY
0010	226+94			RT	17	ASPHALT DRIVEWAY
0010	227+88			RT	14	ASPHALT DRIVEWAY
0010	232+71			RT	24	ASPHALT DRIVEWAY
0010	235+45			RT	32	ASPHALT DRIVEWAY
0010	41+35'T'	-	42+25'T'	LT/RT	388	TROY
0010	41+69'T'			RT	29	ASPHALT DRIVEWAY
0010	237+80	-	240+75	LT/RT	452	NORTH LOOKOUT
0010	239+38			RT	20	ASPHALT DRIVEWAY
0010	241+41			RT	11	ASPHALT DRIVEWAY
0010	242+42			RT	8	ASPHALT DRIVEWAY
0010	50+90'SR'	-	51+85'SR'	LT/RT	156	SCHNICK
0010	251+18			RT	14	ASPHALT DRIVEWAY
0010	255+60			RT	12	CONCRETE DRIVEWAY
0010	78+55'KS'	-	79+01'KS'	LT/RT	212	KRAMER
0010	81+27'KS'	-	81+98'KS'	SUNSET	106	SUNSET VISTA
0010	78+37'KS'			LT	59	ASPHALT DRIVEWAY
0010	80+95'KS'			LT	17	ASPHALT DRIVEWAY
0010	258+63	-	273+15	LT/RT	6779	MAINLINE
0010	269+47			LT	20	ASPHALT DRIVEWAY
0010	270+03			RT	46	GRAVEL DRIVEWAY
0010	271+09			LT	16	ASPHALT DRIVEWAY
0010	271+47			RT	25	ASPHALT DRIVEWAY
0010	272+78			RT	20	GRAVEL DRIVEWAY
0010	273+15	-	278+65	RIDERS ROUNDABOUT	4670	INCLUDES RIDERS CLUB, FISHERMANS, AND SUNSET
0010	273+30			LT	10	ASPHALT DRIVEWAY
0010	274+54			RT	12	ASPHALT DRIVEWAY
0010	153+43'RS'			RT	18	DRIVEWAY APRON
0010	153+49'RS'			RT	3	DRIVEWAY APRON
0010	153+96'RS'			LT	4	DRIVEWAY APRON
0010	154+20'RS'			RT	14	DRIVEWAY APRON
0010	154+57'RS'			LT	4	DRIVEWAY APRON
0010	4+35'F'	-	5+50'F'	LT	99	FISHERMANS TRAIL CONNECTION
0010	277+17			RT	11	GRAVEL DRIVEWAY
0010	278+65	-	285+40	LT/RT	2950	MAINLINE
0010	284+41			RT	14	GRAVEL DRIVEWAY
0010	285+40	-	290+70	MASON ROUNDABOUT	3355	INCLUDES MASON STREET
0010	290+74			RT	15	GRAVEL DRIVEWAY
0010	290+70	-	331+05	LT/RT	22156	MAINLINE
0010	291+47			RT	11	ASPHALT DRIVEWAY
0010	292+74			RT	8	ASPHALT DRIVEWAY
0010	293+12			RT	8	ASPHALT DRIVEWAY
0010	296+36			RT	10	ASPHALT DRIVEWAY
0010	297+00			RT	7	ASPHALT DRIVEWAY
0010	104+50'ZH	-	108+58'ZH	LT/RT	1224	CTH Z
0010	111+35'ZH			RT	32	GRAVEL DRIVEWAY
0010	301+15			RT	31	GRAVEL DRIVEWAY
0010	302+21			RT	32	GRAVEL DRIVEWAY
0010	303+13			RT	18	ASPHALT DRIVEWAY
0010	304+06			RT	19	GRAVEL DRIVEWAY
0010	305+27			RT	22	GRAVEL DRIVEWAY
0010	307+00			RT	12	GRAVEL DRIVEWAY
0010	309+31			RT	13	ASPHALT DRIVEWAY

CONTINUED ON NEXT COLUMN

BASE AGGREGATE DENSE 1 1/4-INCH (CONTINUED FROM PREVIOUS COLUMN)

305.0120

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
0010	317+40			RT	22	ASPHALT DRIVEWAY
0010	317+68			RT	15	ASPHALT DRIVEWAY
0010	320+26			RT	14	ASPHALT DRIVEWAY
0010	323+93			RT	17	ASPHALT DRIVEWAY
0010	135+50	-	136+30	LT/RT	100	ACCESS STA 325+55 NB LT
0010	342+50	-	392+00	LT/RT	27083	MAINLINE,INCLUDES CTH O NORTH RT TURN LANE
0010	352+00			RT	42	GRAVEL DRIVEWAY
0010	365+23			LT	24	ASPHALT DRIVEWAY
0010	68+00'EW'	-	68+97'EW'	LT/RT	150	EVERGREEN
0010	71+13'EW'	-	74+04'EW'	LT/RT	644	WALDEN
0010	71+37'EW'			RT	38	CONCRETE DRIVEWAY
0010	72+64'EW'			RT	11	CONCRETE DRIVEWAY
0010	73+31'EW'			RT	8	CONCRETE DRIVEWAY
0010	375+87			LT	11	ASPHALT DRIVEWAY
0010	377+01			LT	11	ASPHALT DRIVEWAY
0010	377+51			RT	11	CONCRETE DRIVEWAY
0010	377+87			LT	9	ASPHALT DRIVEWAY
0010	381+10			LT	16	GRAVEL DRIVEWAY
0010	20+75'PD'	-	202+16'PD'	LT/RT	454	PINEVIEW
0010	200+96'PD'			RT	16	ASPHALT DRIVEWAY
0010	201+55'PD'			RT	4	GRAVEL DRIVEWAY
0010	35+43'CS'	-	37+61'CS'	LT/RT	832	CUL-DE-SAC
0010	36+22'CS'			LT, CUL-DE-SAC	4	ASPHALT DRIVEWAY
0010	37+26'CS'			LT, CUL-DE-SAC	50	ASPHALT DRIVEWAY
0010	37+59'CS'			RT, CUL-DE-SAC	80	ASPHALT DRIVEWAY
0010	392+28			RT	75	GRAVEL DRIVEWAY
0010	210+35		389+75	NB RT	10532	STAGE 1
0010	256+00		324+75	NB RT & MEDIAN	460	STAGE 2B
0010	273+11		290+63	NB LT & MEDIAN	594	STAGE 2A
0010	280+00		281+00	MEDIAN	41	STAGE 3
				TOTAL 0010	113414	
0040	337+01	-	354+08	LT	656	10' MULTI-USE TRAIL
0040	362+44	-	392+25	LT	1043	10' MULTI-USE TRAIL
				TOTAL 0040	1699	

ASPHALTIC PAVING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0120 ASPHALTIC MATERIAL PG64-28 TON	455.0605 TACK COAT GAL	460.1100 HMA PAVEMENT TYPE E-0.3 TON	460.1103 HMA PAVEMENT TYPE E-3 TON	REMARKS
0010	210+25	-	220+06	LT/RT		95	323		1717	MAINLINE
0010	11+58'Q'	-	12+78'Q'	LT/RT	4			68		QUINCY
0010	220+06	-	258+63	LT/RT		375	1280		6806	MAINLINE
0010	219+05	-	223+30	LT	20			360		SOUTH LOOKOUT
0010	20+96'R'	-	21+50'R'	LT/RT	2			26		ROYAL
0010	41+35'T'	-	42+25'T'	LT/RT		8	26		137	TROY
0010	237+80	-	240+75	LT	11			190		NORTH LOOKOUT
0010	50+90'SR'	-	51+85'SR'	LT/RT	3			46		SCHNICK
0010	78+55'KS'	-	79+01'KS'	LT/RT	4			71		KRAMER
0010	81+27'KS'	-	81+98'KS'	LT/RT	2			26		SUNSET VISTA
0010	258+63	-	273+15	LT/RT		127	432		2295	MAINLINE
0010	273+15	-	278+65	RIDERS ROUNDABOUT		71	243		1290	INCLUDES RIDERS CLUB, FISHERMANS, AND SUNSET
0010	278+65	-	285+40	LT/RT		44	150		797	MAINLINE
0010	285+40	-	290+70	MASON ROUNDABOUT		51	172		915	INCLUDES MASON STREET
0010	290+70	-	331+05	LT/RT		410	1402		7454	MAINLINE
0010	104+50'ZH	-	108+58'ZH	LT/RT		11	38		197	CTH ZH
0010	135+50	-	136+30	LT/RT	2			31		ACCESS STA 325+55 NB LT
0010	342+50	-	392+00	LT/RT		480	1639		8715	MAINLINE, INCLUDES CTH O NORTH RT TURN LANE
0010	68+00'EW'	-	68+97'EW'	LT/RT	3			48		EVERGREEN
0010	71+13'EW'	-	74+04'EW'	LT/RT	12			201		WALDEN
0010	200+75'PD'	-	202+16'PD	LT/RT		4	13		68	PINEVIEW
0010	35+43'CS'	-	37+61'CS'	LT/RT		8	26		136	CUL-DE-SAC
0010				PROJECT		22			393	STAGE 3
				TOTAL 0010	63	1706	5744	1067	30920	

REHEATING HMA PAVEMENT LONGITUDINAL JOINTS

CATEGORY	STATION	TO	STATION	LOCATION	460.4110.S LF	REMARKS
0010	210+25	-	331+05	NB	35540	2 PAVEMENT LAYERS
0010	210+25	-	331+05	SB	40270	2 PAVEMENT LAYERS
0010	342+50	-	389+00	NB	15200	2 PAVEMENT LAYERS
0010	342+50	-	396+00	SB	14100	2 PAVEMENT LAYERS
				TOTAL 0010	105110	

ASPHALTIC SURFACE

CATEGORY	STATION	TO	STATION	LOCATION	465.0105 TON	REMARKS
0010	220+06	-	274+99	RT, MULTI-USE TRAIL	640	10' MULTI-USE TRAIL
0010	4+35'F'	-	5+50'F'	LT	33	TRAIL CONNECTION
0010	200+96'PD'			RT	2	ASPHALT DRIVEWAY
				TOTAL 0010	675	
0040	337+01	-	354+08	LT, MULTI-USE TRAIL	220	
0040	362+44	-	392+25	LT, MULTI-USE TRAIL	347	
				TOTAL 0040	567	

ASPHALTIC SURFACE TEMPORARY

CATEGORY	STATION	TO	STATION	LOCATION	465.0125 TON	REMARKS
0010	210+35	-	389+75	NB RT	5309	STAGE 1
0010	256+00	-	324+75	NB RT & MEDIAN	232	STAGE 2B
0010	273+11	-	290+63	NB LT & MEDIAN	300	STAGE 2A
0010	280+00	-	281+00	MEDIAN	21	STAGE 3
				TOTAL 0010	5862	

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCE

CATEGORY	STATION	LOCATION	465.0120 TON
0010	211+37	RT	1
0010	211+67	RT	1
0010	215+62	RT	9
0010	11+70'Q'	RT	11
0010	12+16'Q'	LT	6
0010	12+53'Q'	RT	6
0010	218+86	RT	5
0010	220+57	RT	8
0010	21+18'R'	RT	8
0010	226+94	RT	4
0010	227+88	RT	3
0010	232+71	RT	7
0010	235+45	RT	9
0010	41+69'T'	RT	10
0010	239+38	RT	6
0010	241+41	RT	3
0010	251+18	RT	4
0010	78+37'KS'	LT	20
0010	80+95'KS'	LT	6
0010	269+47	LT	7
0010	270+03	RT	8
0010	271+09	LT	6
0010	271+47	RT	9
0010	272+78	RT	5
0010	273+30	LT	4
0010	274+54	RT	3
0010	291+47	RT	4
0010	292+74	RT	3
0010	293+12	RT	3
0010	296+36	RT	4
0010	297+00	RT	3
0010	303+13	RT	7
0010	309+91	RT	5
0010	317+40	RT	8
0010	317+68	RT	5
0010	320+26	RT	5
0010	323+93	RT	6
0010	365+23	LT	8
0010	375+87	LT	4
0010	377+01	LT	4
0010	377+87	LT	3
0010	381+10	LT	3
0010	200+96'PD'	RT	2
0010	36+22'CS'	LT	2
0010	37+26'CS'	LT	17
0010	37+59'CS'	RT	27
		TOTAL 0010	292

ASPHALTIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 SY
0010	270+90	LT	15
0010	272+55	RT	8
0010	324+95	RT	8
0010	354+80	LT	9
0010	356+25	LT	12
		TOTAL 0010	52

CONCRETE COLLARS FOR PIPE

CATEGORY	STATION	LOCATION	520.8000 EACH	REMARKS
0010	210+45	LT	1	
0010	210+45	RT	1	
0010	233+36	LT	1	WEST OF MH 12
		TOTAL 0010	3	

CULVERT PIPE SUMMARY

CATEGORY	STATION	LOCATION	521.0112 CPCS 12-INCH LF	521.0118 CPCS 18-INCH LF	521.0124 CPCS 24-INCH LF	521.1012 AEW FOR CPS 12-INCH EACH	521.1018 AEW FOR CPS 18-INCH EACH	521.1024 AEW FOR CPS 24-INCH EACH	522.0118 CPRC CLASS III 18-INCH LF	522.0124 CPRC CLASS III 24-INCH LF	522.0136 CPRC CLASS III 36-INCH LF	522.1015 AEW FOR CPRC 15-INCH EACH	522.1018 AEW FOR CPRC 18-INCH EACH	522.1024 AEW FOR CPRC 24-INCH EACH	522.1036 AEW FOR CPRC 36-INCH EACH	611.9800.S PIPE GRATE EACH	* JOINT TIES REQ'D EACH	REMARKS
0010	257+75	LT			150			2										SUNSET VISTA
0010	78+20'KS'	CROSS		54			2											KRAMER
0010	263+96.5	RT								8				1			4	EXTENSION ON RT SIDE
0010	269+39	LT		72			2											
0010	269+90	RT		90			2											
0010	271+43	RT		76			2											
0010	10+00'D'	CL												1			4	OUTLET 58, SEE STORM SEWER TABLE FOR PIPE
0010	16+80'D'	RT 4'										1					4	OF 47, SEE STORM SEWER TABLE FOR PIPE
0010	17+86'D'	RT 4'												1			4	OF 49, SEE STORM SEWER TABLE FOR PIPE
0010	286+00	RT 53'										1					4	INLET 48, SEE STORM SEWER TABLE FOR PIPE
0010	299+93.8	LT 258'													1		4	OF 7, SEE STORM SEWER TABLE FOR PIPE
0010	301+03	RT		72			2											
0010	302+22	RT		60			2											
0010	303+12	RT		60			2											
0010	304+07	RT		60			2											
0010	305+18	RT		60			2											
0010	309+33	RT		54			2											
0010	310+00	CROSS								114				2			8	
0010	315+21	CROSS								96				2			8	
0010	319+75	CROSS								96				2			8	
0010	320+25	RT		72			2											
0010	321+92	RT							84				2				8	
0010	325+62	LT		90			2											PRIVATE DRIVE
0010	138+00'P'	CROSS	6			1												EXTEND EXISTING
0010	354+91.5	RT 52'													1	1	4	OF 8, 36-INCH, SEE STORM SEWER TABLE FOR PIPE
0010	359+23	CROSS								96				2			8	
0010	365+18	RT									108				2	2	32	36-INCH, SPRING LANE**
0010	367+50	RT 68.5'													1		4	OF 9**, SEE STORM SEWER TABLE FOR PIPE
0010	71+36'EW'	RT	54			2												
0010	72+60'EW'	RT	42			2												
0010	370+80	LT	60			2												UNDER MULTI-USE TRAIL
0010	371+57.8	RT 58.1'								18				1			4	INTAKE 702.0**, SEE STORM SEWER TABLE FOR PIPE
0010	375+87	LT		42			2											
0010	377+01	LT		42			2											
0010	377+50	RT			84			2										
0010	378+25	RT 34.5'											1				4	OF 10, SEE STORM SEWER TABLE FOR PIPE
0010	202+12'PD'	CROSS							54				2				8	
		TOTAL 0010	162	904	234	7	28	4	138	428	108	2	5	12	5	3		

*NON-BID ITEM (FOR INFORMATION ONLY)
**DENOTES JOINT TIES REQ'D ON ALL PIPE SECTIONS
SEE STORM SEWER PIPE SUMMARY FOR JOINT TIES REQ'D BETWEEN STRUCTURES

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	601.0120 CONCRETE CURB TYPE J LF	601.0411 CONCRETE C&G 30-INCH TYPE D LF	601.0415 CONCRETE C&G 6-INCH SLOPED 30-INCH TYPE J LF	601.0553 CONCRETE C&G 4-INCH SLOPED 36-INCH TYPE D LF	601.0557 CONCRETE C&G 6-INCH SLOPED 36-INCH TYPE D LF
0010	210+25	-	216+97	RT, EDGE		794			
0010	210+35	-	220+43	LT, EDGE		1041			
0010	216+10	-	216+83	LT,EDGE			167		
0010	11+58'Q'	-	12+78'Q'	RT, EDGE		120			
0010	11+58'Q'	-	12+78'Q'	LT, EDGE		120			
0010	217+25	-	222+14	RT, EDGE		605			
0010	217+50	-	220+17	LT, ISLAND			552		
0010	219+85	-	222+25	LT, EDGE/ISLAND		499			
0010	20+96'R'	-	21+50'R'	RT, EDGE		54			
0010	20+96'R'	-	21+50'R'	LT, EDGE		54			
0010	222+44	-	229+61	RT, EDGE		793			
0010	222+85	-	224+15	LT, EDGE		166			
0010	224+64	-	226+42	LT, ISLAND			374		
0010	230+05	-	237+58	RT, EDGE		836			
0010	231+00	-	232+31	LT, ISLAND			278		
0010	40+83'T'	-	41+35'T'	LT, EDGE		53			
0010	40+88'T'	-	42+18'T'	RT, EDGE		131			
0010	238+00	-	246+48	RT, EDGE		878			
0010	239+55	-	241+12	LT, ISLAND			332		
0010	243+41	-	246+37	LT, ISLAND			611		
0010	246+48	-	246+88	RT, CURB RETURN					68
0010	247+25	-	247+55	RT, CURB RETURN					47
0010	247+55	-	257+38	RT, EDGE		984			
0010	249+04	-	250+78	LT, ISLAND			364		
0010	253+81	-	254+84	LT, ISLAND			225		
0010	257+38	-	257+73	RT, CURB RETURN					58
0010	258+04	-	258+29	RT, CURB RETURN					39
0010	260+14	-	267+12	LT, ISLAND			1412		
0010	270+90	-	275+94	LT, EDGE		654			
0010	272+55	-	276+32	RT, EDGE		605			
0010	273+18	-	275+78	LT, SPLITTER ISLAND		538			
0010	275+53			LT, PED CROSSING	37				
0010	151+02'RS'	-	151+44'RS'	LT, SPLITTER ISLAND		105			
0010	151+18'RS'			LT, PED CROSSING	40				
0010	152+89'RS'	-	153+23'RS'	RT, SPLITTER ISLAND		76			
0010	153+10'RS'			RT, PED CROSSING	20				
0010	275+97	-	277+00	TRUCK APRON				321	
0010	276+10	-	277+87	INNER CIRCLE		242			
0010	276+35	-	290+71	LT, EDGE		1507			
0010	276+56	-	287+64	RT, EDGE		1521			
0010	277+23	-	286+60	LT, SPLITTER ISLAND		1900			
0010	277+48			LT, PED CROSSING	44				
0010	286+30			LT, PED CROSSING	46				
0010	286+76	-	287+72	TRUCK APRON				333	
0010	286+89	-	287+69	INNER CIRCLE		255			

CONTINUED ON NEXT COLUMN

CONCRETE CURB & GUTTER (CONTINUED FROM PREVIOUS COLUMN)

CATEGORY	STATION	TO	STATION	LOCATION	601.0120 CONCRETE CURB TYPE J LF	601.0411 CONCRETE C&G 30-INCH TYPE D LF	601.0415 CONCRETE C&G 6-INCH SLOPED 30-INCH TYPE J LF	601.0553 CONCRETE C&G 4-INCH SLOPED 36-INCH TYPE D LF	601.0557 CONCRETE C&G 6-INCH SLOPED 36-INCH TYPE D LF
0010	90+98'M'	-	91+43'M'	LT, SPLITTER ISLAND		98			
0010	91+23'M'			LT, PED CROSSING	31				
0010	287+60	-	299+13	RT, EDGE		1382			
0010	288+16	-	290+64	LT, SPLITTER ISLAND		526			
0010	288+33			LT, PED CROSSING	43				
0010	294+51	-	295+81	LT, SPLITTER ISLAND			279		
0010	299+13	-	299+51	RT, CURB RETURN					51
0010	299+82	-	300+21	RT, CURB RETURN					55
0010	104+50'ZH'	-	109+68'ZH	RT, CTH Z		518			
0010	310+87	-	313+06	LT, ISLAND			456		
0010	313+12	-	313+41	RT, CURB RETURN					53
0010	313+73	-	314+03	RT, CURB RETURN					42
0010	315+28	-	317+05	LT, ISLAND			372		
0010	321+43	-	321+77	RT, CURB RETURN					63
0010	322+13	-	322+42	RT, CURB RETURN					41
0010	324+15	-	325+10	RT, EDGE		189			
0010	325+67	-	327+50	RT, EDGE		195			
0010	327+68	-	331+03	LT, ISLAND			693		
0010	342+50	-	351+34	LT, ISLAND			1798		
0010	345+30	-	353+60	RT, EDGE		830			
0010	345+30	-	353+81	LT, EDGE		852			
0010	352+71	-	353+87	LT, ISLAND			242		
0010	353+60	-	354+04	RT, CURB RETURN					78
0010	353+82	-	354+10	LT, CURB RETURN					57
0010	354+37	-	354+86	RT, CURB RETURN					72
0010	354+55	-	356+20	LT, CURB RETURN					217
0010	354+73	-	361+82	LT, ISLAND			1428		
0010	362+38	-	364+62	LT, EDGE		249			
0010	362+49	-	364+75	LT, ISLAND			465		
0010	364+74	-	365+03	RT, CURB RETURN					52
0010	365+39	-	365+89	RT, CURB RETURN					72
0010	365+61	-	370+74	LT, ISLAND			1036		
0010	370+30	-	370+84	RT, CURB RETURN					84
0010	371+28	-	371+77	RT, CURB RETURN					68
0010	371+64	-	375+66	LT, ISLAND			814		
0010	378+01	-	386+51	LT, ISLAND			1708		
0010	386+34	-	386+69	LT, CURB RETURN					56
0010	386+94	-	390+10	LT, CURB RETURN					342
0010	387+01	-	392+02	LT, ISLAND			716		
				TOTAL 0010	261	19370	14322	654	1615

CONCRETE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	405.0100 CONCRETE COLORING RED CY	416.0160 CONCRETE DRIVEWAY 6-INCH SY	416.0508 CONCRETE ROUNDABOUT TRUCK APRON SY	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	REMARKS
0010	210+25	-	220+06	RT				6463		
0010	210+25	-	220+07	LT				6739		
0010	211+37			RT		7			74	
0010	211+67			RT		7			71	
0010	215+15			RT		10			73	
0010	215+62			RT		22			180	
0010	217+52	-	220+15	LT				1786		
0010	218+86			RT		17			168	
0010	220+06	-	274+99	RT				600		
0010	220+57			RT		25				
0010	221+05	-	222+20	LT						
0010	21+27'R'			RT		5				
0010	222+84	-	224+57	LT						
0010	223+46			RT		11				
0010	224+60			LT						
0010	226+94			RT		21				
0010	227+88			RT		21				
0010	230+09	-	230+97	LT						
0010	231+00			LT						
0010	232+71			RT		21				
0010	235+45			RT		27				
0010	235+55	-	237+50	LT						
0010	40+46'T'	-	41+33'T'	LT						
0010	238+25	-	239+47	LT						
0010	239+38			RT		18				
0010	239+51			LT						
0010	241+41			RT		10				
0010	242+42			RT		9				
0010	247+49	-	248+97	LT						
0010	249+01			LT						
0010	251+18			RT		14				
0010	255+60			RT		51				
0010	256+65	-	257+50	LT						
0010	258+34	-	260+07	LT						
0010	260+10			LT						
0010	273+17	-	275+74	LT	9			2123		
0010	274+54			RT		13				
0010	274+96			LT				1182		
0010	274+99			RT				1632		
0010	150+987'RS'	-	L51+44'RS'	LT	9			760		
0010	152+78'RS'	-	L55+53'RS'	LT				1866		
0010	152+89'RS'	-	L53+25'RS'	RT	4			349		
0010	153+43'RS'	-	L54+73'RS'	RT					713	
0010	153+49'RS'			RT		11				
0010	153+96'RS'			LT		7			66	
0010	154+20'RS'			RT		63				
0010	154+57'RS'			LT		8			76	
0010	276+10	-	276+97	LT	68		304			
0010	276+38	-	278+21	LT				1937		
0010	277+17			RT		46				
0010	277+22	-	286+53	LT	18			7025		
0010	277+32	-	287+57	RT				11306		
0010	284+41			RT		12			181	
0010	285+25	-	289+01	LT				3112		
0010	286+78	-	287+80	LT	71		318			
0010	90+97'M'	-	91+45'M'	LT	7			577		
0010	287+68	-	289+06	RT				2834		
0010	288+07	-	290+66	LT	9			2579		
0010	297+70	-	299+20	LT						
0010	300+08	-	300+83	LT						
0010	313+99	-	315+22	LT						
0010	315+25			LT						
0010	322+28	-	322+98	LT						
0010	325+88	-	327+61	LT						
0010	71+37'EW'			RT		169				
0010	72+64'EW'			RT		46				
0010	73+31'EW'			RT		32				
0010	377+51			RT		48				
				TOTAL 0010	195	751	622	52870	1602	
0040	337+01	-	354+08	LT				60		FOR DETECTABLE WARNING FIELDS ON TRAIL
0040	362+44	-	392+25	LT				300		FOR DETECTABLE WARNING FIELDS ON TRAIL
				TOTAL 0040	0	0	0	360	0	

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

CATEGORY	STATION	LOCATION	602.0515 SF	REMARKS
0010	216+65	RT	8	2'X4'
0010	217+83	RT	8	2'X4'
0010	219+47	LT	8	2'X4', OVERLOOK SOUTH
0010	219+90	LT	8	2'X4', OVERLOOK SOUTH
0010	220+02	LT	14	2'X7', OVERLOOK SOUTH
0010	220+02	RT	14	2'X7', OVERLOOK SOUTH ISLAND
0010	220+02	LT	14	2'X7', OVERLOOK SOUTH ISLAND
0010	220+02	RT	14	2'X7', OVERLOOK SOUTH
0010	222+05	RT	18	2'X9', ROYAL SE QUAD
0010	222+67	RT	18	2'X9', ROYAL NE QUAD
0010	229+48	RT	18	2'X9', SPRUCE SE QUAD
0010	230+12	RT	18	2'X9', SPRUCE NE QUAD
0010	237+47	RT	18	2'X9', TROY SE QUAD
0010	238+15	RT	18	2'X9', TROY NE QUAD
0010	246+70	RT	18	2'X9', SCHNICK SE QUAD
0010	247+34	RT	18	2'X9', SCHNICK NE QUAD
0010	257+57	RT	18	2'X9', KRAMER SE QUAD
0010	258+11	RT	18	2'X9', KRAMER NE QUAD
0010	275+50	LT & RT	72	4-4'X9', RIDERS CLUB SOUTH
0010	151+16'RS'	LT & RT	72	4-4'X9', SUNSET VISTA
0010	153+12'RS'	LT & RT	72	4-4'X9', RIDERS CLUB
0010	277+47	LT & RT	72	4-4'X9', RIDERS CLUB NORTH
0010	286+27	LT & RT	72	4-4'X9', MASON SOUTH
0010	91+25'M'	LT & RT	72	4-4'X9', MASON SOUTH
0010	288+30	LT & RT	72	4-4'X9', MASON NORTH
		TOTAL 0010	772	
0040	354+06	LT	18	2'X9', ULMAN SW QUAD
0040	362+54	LT	18	2'X9', SCOTT NW QUAD
0040	371+09	LT	18	2'X9', EVERGREEN SW QUAD
0040	371+82	LT	18	2'X9', EVERGREEN NW QUAD
0040	386+57	LT	18	2'X9', PINEVIEW SW QUAD
0040	387+12	LT	18	2'X9', PINEVIEW NW QUAD
		TOTAL 0040	108	

RIPRAP

CATEGORY	STATION	TO	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY	REMARKS
0010	256+00			LT	25		50	OVERFLOW EMBANKMENT
0010	269+00			RT	21		42	18" PIPE
0010	10+00'D'			LT/RT	4		5	24" PIPE, INFILTRATION BASIN
0010	16+80'D'			RT	3		4	15" PIPE, INFILTRATION BASIN
0010	17+80'D'			RT	4		5	24" PIPE, INFILTRATION BASIN
0010	299+94			LT		17	25	36" PIPE
0010	310+00	-	311+00	LT	34		67	24" PIPE, BARRIER DIVERSION
0010	314+20	-	315+15	LT	158		315	24" PIPE
0010	355+00			RT	21		42	36" PIPE
0010	366+00			RT		155	235	36" PIPE
0010	367+00			RT		185	280	36" PIPE
				TOTAL 0010	270	357	1070	

STORM SEWER PIPE SUMMARY

CATEGORY	STATION	TO	STATION	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	608.0312 SSPRC CLASS III 12-INCH LF	608.0315 SSPRC CLASS III 15-INCH LF	608.0318 SSPRC CLASS III 18-INCH LF	608.0324 SSPRC CLASS III 24-INCH LF	608.0330 SSPRC CLASS III 30-INCH LF	608.0336 SSPRC CLASS III 36-INCH LF	608.0342 SSPRC CLASS III 42-INCH LF	608.0348 SSPRC CLASS III 48-INCH LF	REMARKS
0010	210+45	-	211+00	INL 1.4	COLLAR	54								
0010	210+64	-	210+99	INL 1.2	COLLAR	54								
0010	215+33.3	-	216+20.0	INL 3.2	INL 3.1	84								
0010	215+46.8	-	216+21.0	INL 3.5	INL 3.4	72								
0010	216+20.0	-	216+51.4	INL 3.1	MH 3			60						
0010	216+20.0	-	216+57.0	INL 3.3	INL 3.1	42								
0010	216+21.0	-	216+51.4	INL 3.4	MH 3	30								
0010	217+17.4	-	218+93	INL 4.1	MH 4	174								
0010	221+00.8	-	221+75.3	INL 6.1	INL 6.2	75								
0010	221+75.3	-	222+01.0	INL 6.2	INL 6.3	27								
0010	222+01.0	-	223+05.1	INL 6.3	INL 6.4	105								
0010	223+05.1	-	224+03.0	INL 6.4	INL 6.5		98							
0010	224+03.0	-	224+03.4	INL 6.5	MH 6			15						
0010	224+03.0	-	225+97.2	MH 6	MH 7			195						
0010	225+97.2	-	225+97.2	INL 7.1	MH 7	14								
0010	225+97.9	-	229+01.5	MH 7	MH 8			305						
0010	227+41.5	-	228+39.5	INL 8.1	INL 8.2	99								
0010	228+39.5	-	229+01.5	INL 8.2	INL 8.3	62								
0010	229+01.5	-	229+01.5	INL 8.3	MH 8		9							
0010	229+01.5	-	229+99.6	MH 8	MH 9				99					
0010	30+77.8'S'	-	30+62.6'S'	INL 9.1	INL 9.2	46								
0010	229+98	-	229+99.6	EXIST MH	MH 9					6				FOR MANHOLE JOINT CONVERSION
0010	30+62.6'S'	-	229+99.6	INL 9.2	MH 9	17								
0010	229+99.6	-	231+97.6	MH 9	MH 10								198	
0010	231+23.6	-	231+97.6	INL 10.1	INL 10.2	74								
0010	231+97.6	-	231+97.6	INL 10.2	MH 10	46								
0010	231+97.6	-	233+36.1	MH 10	MH 12								128	
0010	233+22.9	-	233+35	MH 15	MH 14								50	
0010	233+35	-	233+35	MH 13	MH 14						73			REINFORCED CONCRETE PIPE SLOPE COLLAR REQ'D*
0010	233+36.1	-	233+35	MH 12	MH 13								59	
0010	233+36.1	-	233+68.6	INL 12.1	MH 12			34						
0010	233+36.1	-	234+08.6	INL 12.4	MH 12	83								
0010	233+36.1	-	237+85.5	MH 20	MH 12								450	
0010	233+68.6	-	234+70.6	INL 12.2	INL 12.1		102							
0010	234+70.6	-	236+97.9	INL 12.3	INL 12.2	228								
0010	237+85.5	-	237+89.1	MH 21	MH 20				19					
0010	237+88	-	237+89.1	EXIST MH	MH 20							6		FOR MANHOLE JOINT CONVERSION
0010	40+91.0'T'	-	40+64.0'T'	INL 21.1	INL 21.2	52								
0010	40+64'T'	-	238+20.5	INL 21.2	INL 21.3	25								
0010	237+89.0	-	238+20.5	INL 21.3	MH 21		35							
0010	237+89.0	-	239+67.6	MH 22	MH 21				179					
0010	239+67.6	-	239+67.6	INL 22.2	MH 22		15							
0010	239+67.6	-	240+66.8	INL 22.1	INL 22.2	99								
0010	239+67.6	-	242+05.0	MH 23	MH 22			238						
0010	242+05.0	-	242+05.0	INL 23.1	MH 23	14								
0010	242+05.0	-	243+88.0	MH 24	MH 23			183						
0010	243+88.0	-	243+88.0	INL 24.1	MH 24	14								
0010	243+88.0	-	245+22.2	MH 25	MH 24		135							
0010	245+22.2	-	245+22.2	INL 25.2	MH 25	8								
0010	245+22.2	-	246+20.5	INL 25.1	INL 25.2	99								
0010	50+95.0'SR'	-	246+93.7	INL 26.2	MH 26	27								
0010	50+95.0'SR'	-	50+90.0	INL 26.1	INL 26.2	39								
0010	246+93.7	-	247+21.4	MH 28	MH 26				47					
0010	247+21.4	-	250+13.8	MH 29	MH 28			293						
0010	247+21.4	-	247+37.7	INL 28.2	MH 28	22								
0010	247+37.7	-	248+47.8	INL 28.1	INL 28.1	111								
0010	250+13.8	-	250+13.8	INL 29.2	MH 29	14								
0010	250+13.8	-	251+05.8	INL 29.1	INL 29.2	92								
0010	250+13.8	-	253+04.8	MH 30	MH 29		292							
0010	253+04.8	-	253+04.8	INL 30.3	MH 30		15							
0010	253+04.8	-	254+63.8	INL 30.2	INL 30.3		159							
0010	254+63.8	-	255+98.0	INL 30.1	INL 30.2	135								
0010	273+24	-	273+25	INL 40.3	INL 40.2		22							
0010	273+25	-	273+25	INL 40.2	MH 40		7							
0010	273+25	-	273+27	INL 40.1	MH 40		23							
0010	273+25	-	275+64	MH 40	MH 41			243						
0010	275+32.55	-	276+43.07	INL 58.1	MH 58	130								
0010	275+63	-	275+64	INL 41.1	MH 41	36								
0010	275+64	-	276+24	MH 41	MH 42			59						
0010	275+67.63	-	276+08.32	INL 57.2	INL 57.1	41								
0010	276+08.32	-	276+40.13	INL 57.1	MH 57	32								
0010	276+19.81	-	276+24.86	INL 43.1	MH 43	6								
0010	276+24	-	276+24.86	MH 42	MH 43			39						
0010	276+24	-	276+33.96	INL 42.1	MH 42	106								
0010	276+24	-	277+36.62	INL 42.2	MH 42		99							

CONTINUED ON NEXT SHEET

*DENOTES THAT JOINT TIES REQ'D ON ALL PIPE SECTIONS

JOINT TIES ARE NON-BID ITEM (FOR INFORMATION ONLY)

SEE CULVERT PIPE SUMMARY FOR JOINT TIES REQ'D AT INFALLS AND OUTFA

STORM SEWER PIPE SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	STATION	TO	STATION	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	608.0312 SSPRC CLASS III 12-INCH LF	608.0315 SSPRC CLASS III 15-INCH LF	608.0318 SSPRC CLASS III 18-INCH LF	608.0324 SSPRC CLASS III 24-INCH LF	608.0330 SSPRC CLASS III 30-INCH LF	608.0336 SSPRC CLASS III 36-INCH LF	608.0342 SSPRC CLASS III 42-INCH LF	608.0348 SSPRC CLASS III 48-INCH LF	REMARKS
0010	276+24.86	-	276+40.13	MH 43	MH 57				62					
0010	276+40.13	-	276+43.07	MH 57	MH 58				46					
0010	276+43.07	-	10+00'D'	MH 58	OF 58				132					SEE CULVERT PIPE SUMMARY FOR 24-INCH APRON ENDWALL
0010	277+17.33	-	277+60	INL 44.5	INL 44.4	41								
0010	277+36.62	-	277+72	MH 44	INL 42.2		37							
0010	277+60	-	277+66	INL 44.4	INL 44.3	21								
0010	277+66	-	277+69	INL 44.3	INL 44.2	15								
0010	277+69	-	277+72	INL 44.2	MH 44	11								
0010	277+72	-	277+75	INL 44.1	MH 44	10								
0010	10+05'D'	-	10+55'D'	MH 59	OUTLET 59		90							SEE CULVERT PIPE SUMMARY FOR 15-INCH APRON ENDWALL
0010	281+57	-	281+57	INL 45.4	INL 45.3	23								
0010	281+57	-	281+57	INL 45.3	INL 45.2	8								
0010	281+57	-	281+57	INL 45.2	MH 45	8								
0010	281+57	-	281+57	INL 45.1	MH 45	16								
0010	281+57	-	283+57	MH 45	MH 46	200								
0010	283+57	-	283+57	INL 46.4	INL 46.3	23								
0010	283+57	-	283+57	INL 46.3	INL 46.2	8								
0010	283+57	-	283+57	INL 46.2	MH 46	8								
0010	283+57	-	283+57	INL 46.1	MH 46	16								
0010	283+57	-	284+76	MH 46	MH 47		119							
0010	284+76	-	16+80'D'	MH 47	OF 47		84							SEE CULVERT PIPE SUMMARY FOR 15-INCH APRON ENDWALL
0010	286+00	-	286+16	INLET 48	MH 48		34							SEE CULVERT PIPE SUMMARY FOR 15-INCH APRON ENDWALL
0010	17+86'D'	-	286+16	MH 49	OF 49				50					SEE CULVERT PIPE SUMMARY FOR 24-INCH APRON ENDWALL
0010	286+13	-	286+14	INL 49.2	MH 49		20							
0010	286+13	-	286+44.13	INL 49.3	MH 49			42						
0010	286+14	-	286+15	INL 49.1	INL 49.2		17							
0010	286+15	-	286+16	MH 48	INL 49.1		21							
0010	286+16	-	286+55.85	INL 48.1	MH 48	32								
0010	286+44.23	-	287+09	MH 50	INL 49.3			53						
0010	287+09	-	287+42.72	MH 51	MH 50	135								
0010	287+09	-	287+77.62	MH 52	MH 50			69						
0010	287+14	-	287+42.72	INL 51.1	MH 51	30								
0010	287+42.72	-	287+62.28	INL 51.2	MH 51	20								
0010	287+75.25	-	287+77.62	INL 52.1	MH 52	6								
0010	287+77.62	-	288+24	MH 53	MH 52		35							
0010	288+24	-	288+41	INL 53.1	MH 53	30								
0010	288+24	-	290+55	MH 54	MH 53		234							
0010	290+55	-	290+55	INL 54.3	INL 54.2	23								
0010	290+55	-	290+55	INL 54.2	MH 54	8								
0010	290+55	-	290+55	INL 54.1	MH 54	28								
0010	292+56.0	-	293+90.3	INL 60.1	INL 60.2	135								
0010	293+90.3	-	295+25.3	INL 60.2	INL 60.3		136							
0010	295+25.3	-	295+25.3	INL 60.3	MH 60			15						
0010	295+25.3	-	297+69.3	MH 60	MH 61			244						
0010	296+50.7	-	297+67.7	INL 61.1	INL 61.2	117								
0010	297+67.7	-	297+69.3	INL 61.2	MH 61		22							
0010	297+69.3	-	298+63.1	MH 61	MH 62				95					
0010	298+63.1	-	298+63.2	INL 62.3	MH 62			10						
0010	298+63.1	-	298+63.1	MH 62	MH 64						71			
0010	298+63.1	-	298+63.1	MH 64	MH 65						77			JOINT TIES REQ'D ON ALL PIPE SECTIONS
0010	298+63.1	-	299+93.8	MH 65	MH 66						147			
0010	298+63.1	-	300+48.2	MH 63	MH 62				185					
0010	298+63.2	-	10+76.2'ZH'	INL 62.2	INL 62.3		69							
0010	110+76.2'ZH	-	10+87.4'ZH'	INL 62.1	INL 62.2	21								
0010	299+93.8	-	299+93.8	MH 66	OF 7						56			SEE CULVERT PIPE SUMMARY FOR 36-INCH APRON ENDWALL
0010	110+63.8'ZH	-	300+45.6	INL 63.1	INL 63.2		52							
0010	300+45.6	-	300+48.2	INL 63.2	MH 63				22					
0010	349+06.0	-	350+70	INL 67.1	INL 67.2	164								
0010	350+70	-	352+28.5	INL 67.2	INL 67.3		158							
0010	350+95.6	-	352+35.6	INL 67.4	INL 67.5	140								
0010	352+28.5	-	353+70.5	INL 67.3	MH 67			142						
0010	352+35.6	-	353+70	INL 67.5	INL 67.6		135							
0010	353+70	-	353+70.5	INL 67.7	INL 67.6	21								
0010	353+70	-	353+74.8	INL 67.6	MH 67			76						SEE STORM SEWER CARRIER PIPE LINING
0010	353+70.5	-	354+91.5	MH 67	OF 8						129			SEE CULVERT PIPE SUMMARY FOR 36-INCH APRON ENDWALL
0010	367+50	-	367+51	MH 68	OF 9						33			SEE CULVERT PIPE SUMMARY FOR 36-INCH APRON ENDWALL*
0010	367+51	-	369+72	MH 69										
0010	369+72	-	71+00'EW'	MH 70	MH 69						155			
0010	71+00'EW'	-	371+40.3	MH 71	MH 70				35					
0010	71+00'EW'	-	'2+54.3'EW'	INL 70.2	MH 70			154						
0010	72+54..3'EW	-	'3+14.5'EW'	INL 70.1	INL 70.2	50								
0010	371+40.3	-	371+57.8	INTAKE 702.0	MH 71				18					SEE CULVERT PIPE SUMMARY FOR 24-INCH APRON ENDWALL*
0010	371+40.3	-	372+00	INL 71.1	MH 71				147					
0010	378+25	-	378+25	INL 73	OF 10			108						SEE CULVERT PIPE SUMMARY FOR 24-INCH APRON ENDWALL
					TOTAL 0010	3856	2274	2577	1136	6	741	6	885	

*DENOTES THAT JOINT TIES REQ'D ON ALL PIPE SECTIONS

JOINT TIES ARE NON-BID ITEM (FOR INFORMATION ONLY)

SEE CULVERT PIPE SUMMARY FOR JOINT TIES REQ'D AT INFALLS AND OUTFA

INLET SUMMARY

CATEGORY	STATION	LOCATION	STRUCTURE ID	611.0606 INLET COVERS TYPE B EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	611.3904 INLETS MEDIAN 4 GRATE EACH	611.9710 SALVAGED INLET COVERS EACH	SPV.0060.18 INLETS 1G-MS SPECIAL EACH	SPV.0060.23 INLET COVERS TYPE DW EACH	SPV.0060.24 INLETS 2X2.5-FT SPECIAL EACH	REMARKS
0010	210+48	RT 34'	INL 2.1											1			1				NO SLOPE
0010	210+99	RT 18.5'	INL 1.2										1				1				
0010	211+00	LT 31.5'	INL 1.4										1				1				
0010	215+33.3	RT 30.5'	INL 3.2			1							1								
0010	215+46.8	LT 38.1'	INL 3.5			1							1								
0010	216+20.0	RT 30.5'	INL 3.1			1						1									
0010	216+21.0	LT 40'	INL 3.4			1						1									
0010	216+57.0	RT 54.2	INL 3.3							1				1							NO SLOPE
0010	218+93.0	LT 41.25	INL 4.1			1						1									
0010	221+00.8	RT 21.5'	INL 6.1			1							1								
0010	221+75.3	RT 21.5'	INL 6.2			1						1									
0010	222+01.01	RT 29.9'	INL 6.3						1			1									
0010	223+05.1	RT 21.5'	INL 6.4			1							1								
0010	224+03.0	RT 21.5'	INL 6.5			1							1								
0010	225+97.9	RT 21.5'	INL 7.1			1							1								
0010	227+41.5	RT 23.1	INL 8.1			1							1								
0010	228+39.5	RT 30.5'	INL 8.2			1							1								
0010	229+01.5	RT 30.5'	INL 8.3			1							1								
0010	30+77.8'S'	RT 23.5'	INL 9.1			1						1									
0010	30+62.6'S'	LT 19.5'	INL 9.2			1						1									
0010	231+23.6	RT 21.5'	INL 10.1			1							1								
0010	231+97.6	RT 21.5'	INL 10.2			1							1								
0010	233+68.6	RT 24.4'	INL 12.1							1								1			
0010	234+08.6	RT 47'	INL 12.4		1							1									
0010	234+70.6	RT 21.5'	INL 12.2			1						1									
0010	236+97.9	RT 30.5'	INL 12.3			1							1								
0010	40+91.0'T'	RT 21.9'	INL 21.1			1						1									
0010	40+64.0'T'	RT 21.9'	INL 21.2			1						1									
0010	238+20.5	RT 32.2'	INL 21.3			1						1									
0010	239+67.6	RT 21.5'	INL 22.2			1						1									
0010	240+66.8	RT 21.5'	INL 22.1			1						1									
0010	242+05.0	RT 21.5'	INL 23.1			1							1								
0010	243+88.0	RT 21.5'	INL 24.1			1							1								
0010	245+22.2	RT 30.5'	INL 25.2			1							1								
0010	246+20.5	RT 30.5'	INL 25.1			1							1								
0010	50+95.0'SR'	RT 19.1'	INL 26.2	1								1									2x2 OPENING
0010	50+90.0'SR'	RT 19.1'	INL 26.1	1								1									2x2 OPENING
0010	247+37.7	RT 31.2'	INL 28.2				1					1									2x3 OPENING
0010	248+47.8	RT 21.5'	INL 28.1			1							1								
0010	250+13.8	RT 21.5'	INL 29.2			1							1								
0010	251+05.8	RT 21.5'	INL 29.1			1							1								
0010	253+04.8	RT 21.5'	INL 30.3			1						1									
0010	254+63.8	RT 21.5'	INL 30.2			1						1									
0010	255+98.0	RT 30.5'	INL 30.1			1							1								
0010	273+24	RT 19.3'	INL 40.3			1							1								
0010	273+25	LT 3.1'	INL 40.2			1							1								
0010	273+25	LT 10.3'	MH 40			1															SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	273+27	LT 33.4'	INL 40.1			1							1								
0010	275+32.55	LT 160.6'	INL 58.1			1							1								
0010	275+63	RT 20.6'	INL 41.1			1							1								
0010	275+67.63	LT 95.3'	INL 57.2			1							1								
0010	276+08.32	LT 129.1	INL 57.1			1							1								
0010	276+19.81	LT 65'	INL 43.1									1						1			
0010	276+24.86	LT 68.2'	MH 43									1									SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	276+33.96	RT 76.2'	INL 42.1			1							1								
0010	276+40.13	LT 128.4'	MH 57			1															SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	277+17.33	RT 19.4'	INL 44.5										1						1		

CONTINUED ON NEXT SHEET

INLET SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	STATION	LOCATION	STRUCTURE ID	611.0606 INLET COVERS TYPE B EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	611.3904 INLETS MEDIAN 4 GRATE EACH	611.9710 SALVAGED INLET COVERS EACH	SPV.0060.18 INLETS 1G-MS SPECIAL EACH	SPV.0060.23 INLET COVERS TYPE DW EACH	SPV.0060.24 INLETS 2X2.5-FT SPECIAL EACH	REMARKS
0010	277+36.62	LT 29'	INL 42.2			1							1								
0010	277+60	RT 18.3'	INL 44.4			1							1								
0010	277+66	LT 1.5'	INL 44.3			1							1								
0010	277+69	LT 16'	INL 44.2			1							1								
0010	277+75	LT 36.1'	INL 44.1			1							1								
0010	10+55'D'	0'	MH 59							1				1							NO SLOPE
0010	281+57	RT 21.5'	INL 45.4			1							1								
0010	281+57	LT 1.5'	INL 45.3			1							1								
0010	281+57	LT 9.5'	INL 45.2			1							1								
0010	281+57	LT 32.5'	INL 45.1			1							1								
0010	283+57	RT 21.5'	INL 46.4			1							1								
0010	283+57	LT 1.5'	INL 46.3			1							1								
0010	283+57	LT 9.5'	INL 46.2			1							1								
0010	283+57	LT 32.5'	INL 46.1			1							1								
0010	286+13	LT 37.9'	MH 49																		
0010	286+14	LT 18'	INL 49.2			1							1								
0010	286+15	LT 1.5'	INL 49.1			1							1								
0010	286+16	RT 19.6'	MH 48			1															SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	286+44.23	LT 33.5'	INL 49.3			1							1								
0010	286+55.85	LT 21.2'	INL 48.1			1							1								
0010	287+14	RT 102.9'	INL 51.1			1							1								
0010	287+42.72	RT 94.4'	MH 51			1															SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	287+62.28	RT 94.8'	INL 51.2			1							1								
0010	287+75.25	LT 38.4'	INL 52.1								1									1	
0010	287+77.62	LT 33'	MH 52								1										SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	288+41	LT 46.9'	INL 53.1			1							1								
0010	290+55	RT 21.6'	INL 54.3			1							1								
0010	290+55	LT 1.4'	INL 54.2			1							1								
0010	290+55	LT 9.4'	MH 54			1															SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	290+55	LT 37.5'	INL 54.1			1							1								
0010	292+56.0	RT 21.5'	INL 60.1			1							1								
0010	293+90.3	RT 21.5'	INL 60.2			1						1									
0010	295+25.3	RT 21.5'	INL 60.3			1						1									
0010	296+50.7	RT 21.5'	INL 61.1			1							1								
0010	297+67.7	RT 26.9'	INL 61.2			1						1									
0010	298+63.2	RT 30.5'	INL 62.3			1						1									
0010	110+76.2'ZH'	RT 37.6'	INL 62.2					1				1									
0010	110+87.4'ZH'	RT 19.8'	INL 62.1																		
0010	110+63.8'ZH'	LT 23.3'	INL 63.1					1				1									
0010	300+45.6	RT 41'	INL 63.2							2					1						SINGLE SLOPE
0010	349+06.0	RT 23.5'	INL 67.1			1							1								
0010	350+70	RT 23.5'	INL 67.2			1						1									
0010	350+95.6	LT 43.5'	INL 67.4			1							1								
0010	352+28.5	RT 26.6'	INL 67.3			1						1									
0010	352+35.6	LT 43.5'	INL 67.5			1							1								
0010	353+70	LT 44.1'	INL 67.6			1						1									
0010	353+70.5	RT 31.8'	MH 67				1														2X3 OPENING, SEE MANHOLE SUMMARY FOR STRUCTURE INFORMATION
0010	353+74.8	LT 63.8'	INL 67.7							1				1							NO SLOPE
0010	72+54.3'EW'	LT 45.2'	INL 70.2							2					1						NO SLOPE
0010	73+14.5'EW'	LT 37.9'	INL 70.1							1				1							NO SLOPE
0010	372+00	LT 87'	INL 71.1							2					1						NO SLOPE
0010	378+25	RT 34.5'	INL 73							4						1					
			TOTAL 0010	2	1	82	2	2	1	15	4	28	59	5	3	1	3	1	1	2	

MANHOLE SUMMARY

CATEGORY	STATION	LOCATION	STRUCTURE ID	611.0420 RECONSTRUCTING MANHOLES EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	SPV.0060.19 MANHOLES 9-FT DIAMETER SPECIAL EACH	SPV.0060.25 MANHOLES 6-FT DIAMETER SPECIAL EACH	REMARKS
0010	210+48	RT 34'	INL 2.1										NO SLOPE
0010	210+99	RT 18.5'	INL 1.2										
0010	211+00	LT 31.5'	INL 1.4										
0010	216+51.4	LT 25.1	MH 3			1		1					
0010	217+17.4	LT 64'	MH 4	1									ADD X FEET TO MANHOLE , SEE DETAIL
0010	224+03.0	RT 7.5'	MH 6			1	1						
0010	225+97.9	RT 7.5'	MH 7			1	1						
0010	229+01.5	RT 21.5'	MH 8			1		1					
0010	229+99.5	RT 34.4'	MH 9			1			1				
0010	231+97.6	RT 37.5'	MH 10		1				1				
0010	233+36.1	RT 28.5'	MH 12		1						1		
0010	233+35	LT 30'	MH 13			1			1				
0010	233+35	LT 103'	MH 14		1				1				
0010	237+85.5	RT 24.9'	MH 20		1				1				
0010	237+89.0	RT 16.5'	MH 21			1			1				
0010	239+67.6	RT 6.5'	MH 22			1	1						
0010	242+05.0	RT 7.5'	MH 23			1	1						
0010	243+88.0	RT 7.5'	MH 24			1	1						
0010	245+22.2	RT 22.5'	MH 25			1	1						
0010	246+93.7	RT 52.9'	MH 26							1			SALVAGE COVER INCIDENTAL TO ADJUSTMENT
0010	247+21.4	RT 15'	MH 28			1	1						
0010	250+13.8	RT 7.5'	MH 29			1	1						
0010	253+04.8	RT 6.5'	MH 30			1	1						
0010	273+25	LT 10.3'	MH 40				1						SEE INLET SUMMARY FOR COVER INFORMATION
0010	275+64	LT 15'	MH 41		1			1					
0010	276+24	LT 29'	MH 42		1		1						
0010	276+24.86	LT 68.2'	MH 43									1	
0010	276+40.13	LT 128.4'	MH 57					1					SEE INLET SUMMARY FOR COVER INFORMATION
0010	276+43.07	LT 174.5'	MH 58		1			1					
0010	277+72	LT 26.5'	MH 44		1		1						
0010	281+57	LT 17'	MH 45		1		1						
0010	283+57	LT 17'	MH 46		1		1						
0010	284+76	LT 17'	MH 47		1		1						
0010	286+13	LT 37.9'	MH 49		1			1					SEE INLET SUMMARY FOR COVER INFORMATION
0010	286+16	RT 19.6'	MH 48				1						SEE INLET SUMMARY FOR COVER INFORMATION
0010	287+09	LT 36'	MH 50		1		1						
0010	287+42.72	RT 94.4'	MH 51				1						SEE INLET SUMMARY FOR COVER INFORMATION
0010	287+77.62	LT 33'	MH 52									1	SEE INLET SUMMARY FOR COVER INFORMATION
0010	288+24	LT 22'	MH 53		1		1						
0010	290+55	LT 9.4'	MH 54				1						SEE INLET SUMMARY FOR COVER INFORMATION
0010	295+25.3	RT 6.5'	MH 60			1	1						
0010	297+69.3	RT 5'	MH 61			1		1					
0010	298+63.1	RT 20.5'	MH 62			1		1					
0010	298+63.1	LT 50.5'	MH 64		1			1					
0010	298+63.1	LT 127'	MH 65		1				1				
0010	299+93.8	LT 195'	MH 66		1				1				
0010	300+48.2	RT 20'	MH 63			1		1					
0010	353+70.5	RT 31.8'	MH 67					1					2X3 OPENING, SEE INLET SUMMARY FOR COVER INFORMATION
0010	367+51	RT 36'	MH 68		1			1					
0010	369+72	RT 30'	MH 69			1		1					
0010	71+00'EW'	LT 13.5'	MH 70			1		1					
0010	371+40.3	RT 47.4'	MH 71			1		1					
TOTAL 0010				1	18	21	21	15	8	1	1	2	

3

COVER PLATES TEMPORARY

611.8120.S

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	210+63	LT 47'	1	TEMP ASPHALT
0010	216+54	LT 25'	1	MH 3
0010	217+17	LT 64'	1	MH 4
0010	298+63	RT 20'	1	MH 62
0010	298+63	RT 30'	1	INL 62.3
	SUBTOTAL STAGE 1		5	
0010	224+03	RT 7'	1	MH 6
0010	225+98	RT 7'	1	MH 7
0010	229+01	RT 21'	1	MH 8
0010	230+02	RT 25'	1	MH 9
0010	237+85	RT 25'	1	MH 20
0010	237+89	RT 16'	1	MH 21
0010	239+67	RT 6'	1	MH 22
0010	242+05	RT 7'	1	MH 23
0010	243+88	RT 7'	1	MH 24
0010	245+22	RT 22'	1	MH 25
0010	246+93	RT 52'	1	MH 26
0010	247+21	RT 15'	1	MH 28
0010	250+13	RT 7'	1	MH 29
0010	253+05	RT 6'	1	MH 30
0010	275+64	LT 15'	1	MH 41
0010	276+24	LT 29'	1	MH 42
0010	276+24	LT 68'	1	MH 43
0010	276+19	LT 65'	1	INL 43.1
0010	277+36	LT 29'	1	INL 42.2
0010	277+69	LT 16'	1	INL 44.2
0010	277+72	LT 26'	1	MH 44
0010	277+75	LT 36'	1	INL 44.1
0010	281+57	LT 17'	1	MH 45
0010	281+57	LT 9'	1	INL 45.2
0010	283+57	LT 17'	1	MH 46
0010	283+57	LT 9'	1	INL 46.2
0010	284+76	LT 17'	1	MH 47
0010	286+14	LT 18'	1	INL 49.1
0010	286+44	LT 33'	1	INL 49.3
0010	287+09	LT 36'	1	MH 50
0010	287+77	LT 33'	1	MH 52
0010	287+75	LT 38'	1	INL 52.1
0010	288+24	LT 22'	1	MH 53
0010	290+55	LT 9'	1	MH 54
	SUBTOTAL STAGE 2B		34	
	TOTAL 0010		39	

MGS GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	REMARKS
0010	227+00	-	227+53	LT		1	MAINLINE
0010	227+53	-	236+47	LT	894		MAINLINE
0010	236+47	-	237+00	LT		1	MAINLINE
0010	250+00	-	250+53	LT		1	MAINLINE
0010	250+53	-	253+97	LT	344		MAINLINE
0010	253+97	-	254+50	LT		1	MAINLINE
0010	292+00	-	292+53	LT		1	MAINLINE
0010	292+53	-	298+88	LT	729		MAINLINE TO CTH Z RADIUS
0010	103+78'ZH'	-	109+68'ZH'	RT	590		CTH Z
0010	103+25'ZH'	-	103+78'ZH'	RT		1	CTH Z
	TOTAL 0010				2557	6	

CURBS TREATED TIMBER

CATEGORY	STATION	TO	STATION	LOCATION	615.0200 EACH	REMARKS
0010	220+50	-	223+15	LT	46	SOUTH LOOKOUT
0010	238+00	-	240+50	LT	44	NORTH LOOKOUT
	TOTAL 0010				90	

INSULATION BOARD POLYSTYRENE (INCH) 2-INCH

CATEGORY	STATION	LOCATION	612.0902.S SY	REMARKS
0010	181+60'SL'	LT 5'	4	SPRING LANE
	TOTAL 0010		4	

FENCE SAFETY

CATEGORY	STATION	TO	STATION	LOCATION	616.0700.S LF	REMARKS
0010	345+25	-	351+00	RT	630	SITE 47LC388
0010	378+25	-	392+50	RT	1425	SITE 47LC397
0010	381+25	-	386+50	LT	525	SITE 47LC397
0010	392+98	-	396+50	LT	350	SITE 47LC397
0010				UNDISTRIBUTED	500	ARCH. SITES
	TOTAL 0010				3430	

PERMANENT FENCING

CATEGORY	STATION	TO	STATION	LOCATION	616.0100 WOVEN WIRE 4-FT LF	616.0204 CHAIN LINK 4-FT LF
0010	248+25	-	251+00	RT		275
0010	362+45	-	364+50	LT		205
0010	342+43	-	350+07	LT	803	
	TOTAL 0010				803	480

CONCRETE MEDIAN

CATEGORY	STATION	TO	STATION	LOCATION	620.0100 CONCRETE CORRUGATED MEDIAN SF	620.0300 CONCRETE MEDIAN SLOPED NOSE TYPE 1 SF	620.0300 CONCRETE MEDIAN SLOPED NOSE TYPE 2 SF	REMARKS
0010	221+05	-	222+20	LT	364			ISLAND, OVERLOOK/ROYAL
0010	222+84	-	224+57	LT	706			ISLAND, ROYAL NORTH
0010	224+60			LT		42		ISLAND, ROYAL NORTH
0010	230+09	-	230+97	LT	352			ISLAND, SPRUCE NORTH
0010	231+00			LT		33		ISLAND, SPRUCE NORTH
0010	235+55	-	237+50	LT	1500			ISLAND, TROY SOUTH
0010	40+46'T'	-	41+33'T'	LT	506			ISLAND, TROY
0010	238+25	-	239+47	LT	505			ISLAND, TROY NORTH
0010	239+51			LT		42		ISLAND, TROY NORTH
0010	247+49	-	248+97	LT	608			ISLAND, SCHNICK NORTH
0010	249+01			LT		41		ISLAND, SCHNICK NORTH
0010	256+65	-	257+50	LT	330			ISLAND, SUNSET/KRAMER SOUTH
0010	258+34	-	260+07	LT	712			ISLAND, SUNSET/KRAMER NORTH
0010	260+10			LT		40		ISLAND, SUNSET/KRAMER NORTH
0010	273+17			5.9' LT		55		SPLITTER ISLAND, RIDERS CLUB SOUTH
0010	275+68			32.6' LT			20	SPLITTER ISLAND, RIDERS CLUB SOUTH
0010	275+77			2.0' LT			17	SPLITTER ISLAND, RIDERS CLUB SOUTH
0010	150+98'RS'			5.7' LT		77		SPLITTER ISLAND, SUNSET VISTA
0010	151+33'RS'			37.5' LT			19	SPLITTER ISLAND, SUNSET VISTA
0010	151+41'RS'			2.5' LT			17	SPLITTER ISLAND, SUNSET VISTA
0010	152+89 'RS			2.1' RT			17	SPLITTER ISLAND, RIDERS CLUB
0010	152+97'RS'			24.4' RT			19	SPLITTER ISLAND, RIDERS CLUB
0010	153+25'RS'			3.3' RT		52		SPLITTER ISLAND, RIDERS CLUB
0010	277+24			2.8' LT			20	SPLITTER ISLAND, RIDERS CLUB NORTH
0010	277+39			35.1' LT			19	SPLITTER ISLAND, RIDERS CLUB NORTH
0010	286+43			39.2' LT			20	SPLITTER ISLAND, MASON SOUTH
0010	286+52			2.0' LT			19	SPLITTER ISLAND, MASON SOUTH
0010	90+97'M'			2.8' LT			20	SPLITTER ISLAND, MASON
0010	91+11'M'			30.6' LT			17	SPLITTER ISLAND, MASON
0010	91+46'M'			4.1' LT		60		SPLITTER ISLAND, MASON
0010	288+07			1.9' LT			20	SPLITTER ISLAND, MASON NORTH
0010	288+19			34.8' LT			19	SPLITTER ISLAND, MASON NORTH
0010	290+66			3.2' LT		51		SPLITTER ISLAND, MASON NORTH
0010	297+70	-	299+20	LT	573			CTH Z SOUTH
0010	300+08	-	300+83	LT	299			CTH Z NORTH
0010	313+99	-	315+22	LT	510			WESTVIEW NORTH
0010	315+25			LT		41		WESTVIEW NORTH
0010	322+28	-	322+98	LT	282			CLOVERDALE NORTH
0010	325+88	-	327+61	LT	734	41		PENNY NORTH
				SUBTOTAL		575	263	
				TOTAL 0010	7981	838		

SALVAGED TOPSOIL

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SY	REMARKS
0010	212+75	-	219+60	LT	1894	
0010	215+85	-	216+80	LT	458	
0010	11+75'Q'	-	12+78'Q'	LT/RT	97	
0010	217+75	-	222+00	RT	533	
0010	222+70	-	229+50	RT	1378	
0010	230+25	-	237+00	LT	1267	
0010	238+20	-	246+50	RT	1156	
0010	240+80	-	250+00	LT	2636	
0010	254+50	-	257+50	LT	1206	
0010	247+35	-	257+55	RT	567	
0010	258+10	-	269+00	LT/RT	4239	
0010	269+00	-	275+00	LT	1067	
0010	269+00	-	275+85	RT	768	
0010	277+00	-	286+25	LT/RT	2622	
0010	4+35	-	5+15	LT	594	TRAIL CONNECTION
0010	287+97	-	299+00	RT	2260	
0010	287+00	-	302+45	LT	2680	
0010	299+95	-	313+10	RT	2192	
0010	303+55	-	325+30	LT	2444	
0010	299+90	-	313+10	RT	1444	
0010	313+90	-	331+00	RT	1520	
0010	326+55	-	331+00	LT	247	
0010	342+50	-	353+80	RT	753	
0010	342+50	-	354+05	LT	2180	
0010	354+65	-	364+80	RT	677	
0010	354+70	-	361+35	LT	369	
0010	368+00	-	370+00	RT	114	
0010	368+00	-	370+85	LT	158	
0010	370+80	-	392+00	RT	1178	
0010	371+60	-	388+45	LT	936	
				TOTAL 0010	39634	

WATER

CATEGORY	STATION	TO	STATION	LOCATION	624.0100 MGAL	REMARKS
0010	235+50	-	220+06	LT & RT	10.8	Mainline
0010	220+06	-	258+63	LT & RT	42.6	Mainline
0010	258+63	-	273+15	LT & RT	14.2	Mainline
0010	273+15	-	278+65	LT & RT	9.8	Mainline
0010	278+65	-	285+40	LT & RT	6.2	Mainline
0010	285+40	-	290+70	LT & RT	7.0	Mainline
0010	290+70	-	331+05	LT & RT	46.5	Mainline
0010	342+50	-	392+00	LT & RT	56.9	Mainline
0010				Local Roads	9.8	
				TOTAL 0010	204	

TOPSOIL

CATEGORY	STATION	TO	STATION	LOCATION	625.0100 SY	REMARKS
0010	210+35	-	215+50	RT	516	MAINLINE
0010	277+00	-	236+70	LT	1078	MAINLINE
0010	11+00'Q'	-	11+95'Q'	LT	84	QUINCY
0010	40+65'T'	-	41+75'T'	RT	98	TROY
0010	250+00	-	254+50	LT	1600	MAINLINE
0010	153+00'RS'	-	155+00'RS'	LT	56	RIDERS CLUB
0010	149+50'RS'	-	151+55'RS'	LT/RT	275	SUNSET/FISHERMAN
0010	365+55	-	368+00	LT/RT	4722	B-32-09 EMBANKMENT
0010	389+35	-	391+00	LT	122	PINEVIEW REALIGNMENT
				TOTAL 0010	8551	

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	REMARKS
0010	212+00	-	219+50	LT	750	750	STAGE 1 EC
0010	223+00	-	227+50	LT	460	460	STAGE 1 EC
0010	240+75	-	249+75	LT	910	910	STAGE 1 EC
0010	270+20	-	271+40	RT	140	140	STAGE 1 EC
0010	285+40	-	287+00	RT	175	175	STAGE 1 EC
0010	297+00	-	299+50	LT	285	285	
0010	108+85'ZH'	-	105+65'ZH'	RT	365	365	
0010	305+50	-	306+00	LT	80	80	CTH Z, STAGE 2A TEMP PVMT
0010	323+00	-	324+35	RT	135	135	STAGE 1 EC
0010	339+95	-	342+05	RT	210	210	STAGE 1 EC
0010				UNDISTRIBUTED	878	878	
				TOTAL 0010	4388	4388	

SEED, MULCH, AND FERTILIZER

CATEGORY	STATION	TO	STATION	LOCATION	627.0200 MULCHING SY	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB	629.0210 FERTILIZER TYPE B* CWT	REMARKS
0010	210+25	-	227+50	LT	2376	65		1.50	
0010	211+70	-	217+75	RT	484	14		0.30	
0010	212+00	-	219+50	LT			45		STAGE 1 EC
0010	222+60	-	224+50	RT	320	9		0.20	
0010	223+00	-	227+50	LT			14		STAGE 1 EC
0010	229+90	-	233+35	LT	443	12		0.28	
0010	230+00	-	232+25	RT	517	14		0.33	
0010	237+90	-	250+25	LT	3694	100		2.33	
0010	237+75	-	257+70	RT	1905	52		1.20	
0010	240+75	-	249+75	LT			27		STAGE 1 EC
0010	257+40	-	269+40	LT	4270	116		2.69	
0010	274+65	-	275+65	RT			6		
0010	275+25	-	278+05	LT	558	16		0.35	
0010	277+15	-	277+55	RT	49	2		0.03	
0010	285+30	-	287+00	RT			15		STAGE 1 EC
0010	290+85	-	299+40	RT	1280	35		0.81	
0010	297+50	-	300+25	LT			42		STORM SEWER TRENCH
0010	104+00'ZH'	-	105+45'ZH'	RT	159	5		0.10	
0010	300+00	-	305+00	RT			30		STAGE 1 EC
0010	305+00	-	313+00	RT	1778		48		STAGE 1 EC
0010	314+00	-	321+00	RT	1556		42		STAGE 1 EC
0010	317+45	-	317+65	RT	67	2		0.04	
0010	322+25	-	332+80	LT	2345		64		STAGE 1 EC
0010	135+50'PL'	-	136+50'PL'	RT	170	5		0.11	
0010	335+65	-	349+00	LT	1817	50		1.14	
0010	337+30	-	337+80	RT	138	4		0.09	
0010	339+95	-	342+05	RT			13		STAGE 1 EC
0010	362+40	-	365+00	RT	115	4		0.07	
0010	181+85'SL'	-	182+35'SL'	LT/RT	152	5		0.10	
0010	368+00	-	378+50	LT	1382	38		0.87	
0010	68+00'EW'	-	73+30'EW'	RT	1391	38		0.88	
0010	68+00'EW'	-	72+65'EW'	LT	586	16		0.37	
0010	200+75'PD'	-	201+45'PD'	RT	65	2		0.04	
0010	387+25	-	396+00	LT	436	12		0.27	
0010				BORROW/WASTE SITE	2778	25		1.75	
0010				UNDISTRIBUTED	7708	161	87	4	
				TOTAL 0010	38539	802	433	20	

*ADDITIONAL QUANTITY IN SOD TABLE

EROSION MAT CLASS II TYPE C

CATEGORY	STATION	LOCATION	628.2027 SY	REMARKS
0010	366+30	RT	238	B-32-09 INTAKE AREA
0010	366+60	LT	100	B-32-09 DISCHARGE AREA
		TOTAL 0010	338	

EROSION BALES

CATEGORY	STATION	TO	STATION	LOCATION	LENGTH FT*	LAYERS*	628.1104 EACH	REMARKS
0010	214+00	-	219+25	LT	540	1	216	
0010	232+65	-	233+75	LT	215	1	86	2 LOCATIONS
0010	244+00	-	247+60	LT	365	1	146	
0010	256+55			LT	24	2	20	
0010	81+00'KS'			LT	24	2	20	
0010	258+65			LT	24	2	20	
0010	269+00			LT	16	2	13	
0010	269+70			RT	50	2	40	STAGE 1 EC
0010	297+45	-	300+25	LT	425	1	170	4 LOCATIONS
0010	301+65			RT	32	2	26	
0010	302+00			LT	32	2	26	
0010	302+70			RT	32	2	26	
0010	106+15'ZH'			RT	32	2	26	
0010	303+65			LT	32	2	26	
0010	304+40			LT	32	2	26	
0010	305+00			LT	32	2	26	
0010	309+60			LT	40	2	32	
0010	309+60			RT	24	2	20	
0010	310+25			RT	24	2	20	
0010	310+95	-	311+35	LT	40	1	16	
0010	313+70	-	314+10	LT	40	1	16	
0010	317+00			LT	24	2	20	
0010	318+95			LT	24	2	20	
0010	322+45			LT	24	2	20	
0010	342+25			LT	24	2	20	
0010	357+00			RT	24	2	20	
0010	359+00			RT	24	2	20	
0010	362+00			RT	24	2	20	
0010	366+40			RT	40	2	32	
0010	366+40			LT	65	1	26	
0010				UNDISTRIBUTED			304	
				TOTAL 0010			1519	

*BALE CALCULATION NOTES
ASSUMED LENGTH OF EACH BALE=2.5 FT
DITCH FLOW-2 LAYERS; SHEET FLOW-1 LAYER

EROSION MAT CLASS II TYPE B

CATEGORY	STATION	TO	STATION	LOCATION	628.2023 SY	REMARKS
0010	212+50	-	219+50	LT	1663	
0010	223+05	-	223+70	LT	85	
0010	227+50	-	229+90	LT	615	
0010	232+00	-	237+95	LT	2162	
0010	233+95	-	235+15	RT	217	
0010	238+00	-	239+20	RT	168	
0010	240+35	-	257+70	LT	6553	
0010	242+55	-	245+75	RT	440	
0010	248+00	-	255+45	RT	1289	
0010	79+25'KS'	-	77+45'KS'	LT/RT	535	
0010	258+00	-	270+25	RT	5114	
0010	269+55	-	271+00	LT	164	
0010	270+20	-	274+40	RT	856	STAGE 1 EC
0010	275+25	-	331+05	LT	26903	
0010	276+65	-	290+65	RT	1623	
0010	10+00'D'	-	18+00'D'	LT/RT	2387	BIOINFILTRATION BASIN
0010	277+25	-	284+30	RT	534	STAGE 1 EC
0010	288+25	-	299+50	RT	2339	STAGE 1 EC
0010	293+90	-	296+00	RT	706	
0010	300+00	-	305+00	RT	1112	STAGE 1 EC
0010	301+05	-	311+50	RT	2889	
0010	314+75	-	320+15	RT	1970	
0010	325+65	-	331+05	RT	1188	
0010	336+95	-	338+50	LT	283	
0010	342+15	-	354+05	LT	4746	
0010	342+40	-	354+00	RT	2982	
0010	358+90	-	362+00	LT	804	
0010	365+35	-	375+85	LT	3635	
0010	365+30	-	392+10	RT	9931	
0010	378+50	-	392+30	LT	3740	
0010				UNDISTRIBUTED	21909	
				TOTAL 0010	109542	

INLET PROTECTION

CATEGORY	STATION	LOCATION	STRUCTURE ID	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH
0010	210+48	RT 34'	INL 2.1	1			
0010	210+99	RT 18.5'	INL 1.2			1	
0010	211+00	LT 31.5'	INL 1.4			1	
0010	215+33.3	RT 30.5'	INL 3.2			1	
0010	215+46.8	LT 38.1'	INL 3.5			1	
0010	216+20.0	RT 30.5'	INL 3.1			1	
0010	216+21.0	LT 40'	INL 3.4			1	
0010	216+57.0	RT 54.2	INL 3.3	1			
0010	218+93.0	LT 41.25	INL 4.1			1	
0010	221+00.8	RT 21.5'	INL 6.1			1	
0010	221+75.3	RT 21.5'	INL 6.2			1	
0010	222+01.01	RT 29.9'	INL 6.3			1	
0010	223+05.1	RT 21.5'	INL 6.4			1	
0010	224+03.0	RT 21.5'	INL 6.5			1	
0010	225+97.9	RT 21.5'	INL 7.1			1	
0010	227+41.5	RT 23.1	INL 8.1			1	
0010	228+39.5	RT 30.5'	INL 8.2			1	
0010	229+01.5	RT 30.5'	INL 8.3			1	
0010	30+77.8'S'	RT 23.5'	INL 9.1			1	
0010	30+62.6	LT 19.5'	INL 9.2			1	
0010	231+23.6	RT 21.5'	INL 10.1			1	
0010	231+97.6	RT 21.5'	INL 10.2			1	
0010	233+68.6	RT 24.4'	INL 12.1				1
0010	234+08.6	RT 47'	INL 12.4	1			
0010	234+70.6	RT 21.5'	INL 12.2			1	
0010	236+97.9	RT 30.5'	INL 12.3			1	
0010	40+91.0'T'	RT 21.9'	INL 21.1			1	
0010	40+64.0'T'	RT 21.9'	INL 21.2			1	
0010	238+20.5	RT 32.2'	INL 21.3			1	
0010	239+67.6	RT 21.5'	INL 22.2			1	
0010	240+66.8	RT 21.5'	INL 22.1			1	
0010	242+05.0	RT 21.5'	INL 23.1			1	
0010	243+88.0	RT 21.5'	INL 24.1			1	
0010	245+22.2	RT 30.5'	INL 25.2			1	
0010	246+20.5	RT 30.5'	INL 25.1			1	
0010	50+95.0'SR'	RT 19.1'	INL 26.2		1		
0010	50+90.0'SR'	RT 19.1'	INL 26.1		1		
0010	247+37.7	RT 31.2'	INL 28.2			1	
0010	248+47.8	RT 21.5'	INL 28.1			1	
0010	250+13.8	RT 21.5'	INL 29.2			1	
0010	251+05.8	RT 21.5'	INL 29.1			1	
0010	253+04.8	RT 21.5'	INL 30.3			1	
0010	254+63.8	RT 21.5'	INL 30.2			1	
0010	255+98.0	RT 30.5'	INL 30.1			1	
0010	273+24	RT 19.3'	INL 40.3			1	
0010	273+25	LT 3.1'	INL 40.2			1	
0010	273+25	LT 10.3'	MH 40			1	
0010	273+27	LT 33.4'	INL 40.1			1	
0010	275+32.55	LT 160.6'	INL 58.1	1			
0010	275+63	RT 20.6'	INL 41.1			1	
0010	275+67.63	LT 95.3'	INL 57.2			1	
0010	276+08.32	LT 129.1	INL 57.1			1	
0010	276+19.81	LT 65'	INL 43.1		1		
0010	276+24.86	LT 68.2'	MH 43		1		
0010	276+33.96	RT 76.2'	INL 42.1			1	
0010	276+40.13	LT 128.4'	MH 57			1	
0010	277+17.33	RT 19.4'	INL 44.5		1		
0010	277+36.62	LT 29'	INL 42.2			1	
0010	277+60	RT 18.3'	INL 44.4			1	
0010	277+66	LT 1.5'	INL 44.3			1	
0010	277+69	LT 16'	INL 44.2			1	
0010	277+75	LT 36.1'	INL 44.1			1	
0010	10+55'D'	0'	MH 59	1			
0010	281+57	RT 21.5'	INL 45.4			1	
0010	281+57	LT 1.5'	INL 45.3			1	
0010	281+57	LT 9.5'	INL 45.2			1	
0010	281+57	LT 32.5'	INL 45.1			1	

CONTINUED ON NEXT COLULMN

INLET PROTECTION (CONTINUED FROM PREVIOUS COLUMN)

CATEGORY	STATION	LOCATION	STRUCTURE ID	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH
0010	283+57	RT 21.5'	INL 46.4			1	
0010	283+57	LT 1.5'	INL 46.3			1	
0010	283+57	LT 9.5'	INL 46.2			1	
0010	283+57	LT 32.5'	INL 46.1			1	
0010	286+13	LT 37.9'	MH 49			1	
0010	286+14	LT 18'	INL 49.2			1	
0010	286+15	LT 1.5'	INL 49.1			1	
0010	286+16	RT 19.6'	MH 48			1	
0010	286+44.23	LT 33.5'	INL 49.3			1	
0010	286+55.85	LT 21.2'	INL 48.1			1	
0010	287+14	RT 102.9'	INL 51.1			1	
0010	287+42.72	RT 94.4'	MH 51			1	
0010	287+62.28	RT 94.8'	INL 51.2			1	
0010	287+75.25	LT 38.4'	INL 52.1		1		
0010	287+77.62	LT 33'	MH 52		1		
0010	288+41	LT 46.9'	INL 53.1			1	
0010	290+55	RT 21.6'	INL 54.3			1	
0010	290+55	LT 1.4'	INL 54.2			1	
0010	290+55	LT 9.4'	MH 54			1	
0010	290+55	LT 37.5'	INL 54.1			1	
0010	292+56.0	RT 21.5'	INL 60.1			1	
0010	293+90.3	RT 21.5'	INL 60.2			1	
0010	295+25.3	RT 21.5'	INL 60.3			1	
0010	296+50.7	RT 21.5'	INL 61.1			1	
0010	297+67.7	RT 26.9'	INL 61.2			1	
0010	298+63.2	RT 30.5'	INL 62.3			1	
0010	110+76.2'ZH'	RT 37.6'	INL 62.2			1	
0010	110+87.4'ZH'	RT 19.8'	INL 62.1			1	
0010	110+63.8'ZH'	LT 23.3'	INL 63.1			1	
0010	300+45.6	RT 41'	INL 63.2	1			
0010	349+06.0	RT 23.5'	INL 67.1			1	
0010	350+70	RT 23.5'	INL 67.2			1	
0010	350+95.6	LT 43.5'	INL 67.4			1	
0010	352+28.5	RT 26.6'	INL 67.3			1	
0010	352+35.6	LT 43.5'	INL 67.5			1	
0010	353+70	LT 44.1'	INL 67.6			1	
0010	353+70.5	RT 31.8'	MH 67			1	
0010	353+74.8	LT 63.8'	INL 67.7	1			
0010	72+54.3'EW'	LT 45.2'	INL 70.2	1			
0010	73+14.5'EW'	LT 37.9'	INL 70.1	1			
0010	372+00	LT 87'	INL 71.1	1			
0010	378+25	RT 34.5'	INL 73	1			
TOTAL 0010				11	7	90	1

SOD ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	629.0210 FERTILIZER TYPE B* CWT	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY
0010	210+25	-	211+60	RT	0.11	4	161
0010	215+20	-	229+60	RT	1.00	36	1582
0010	11+75'Q'	-	12+90'Q'	RT	0.07	3	100
0010	232+20	-	237+30	RT	0.51	18	803
0010	243+00	-	245+50	RT	0.09	4	139
0010	269+55	-	278+15	LT	0.59	21	923
0010	270+10	-	289+35	RT	1.78	63	2812
0010	286+25	-	288+95	LT	0.06	3	95
0010	299+75	-	301+00	RT	0.29	11	454
0010	311+50	-	314+60	RT	0.31	11	483
0010	320+25	-	325+00	RT	0.62	23	983
0010	354+35	-	365+00	RT	2.53	90	4002
0010	354+60	-	358+90	LT	0.62	22	981
0010	35+10'CS'	-	37+65'CS'	LT	0.09	3	130
0010	389+30	-	391+00	LT	0.14	5	210
TOTAL 0010					9	317	13858

*ADDITIONAL QUANTITY IN SEEDING TABLE

MARKERS CULVERT END

CATEGORY	STATION	LOCATION	633.5200 EACH	REMARKS
0010	257+75	LT	2	CULVERT, SUNSET VISTA
0010	263+96.5	LT/RT	2	CULVERT, MAINLINE
0010	10+00'D'	0'	1	OUTFALL, BASIN
0010	16+80'D'	RT 4'	1	OUTFALL, BASIN
0010	17+86'D'	RT 4'	1	OUTFALL, BASIN
0010	286+00	RT 53'	1	STORM SEWER INTAKE
0010	299+93.8	LT 258'	1	STORM SEWER OUTALL
0010	310+00	LT/RT	2	CULVERT, MAINLINE
0010	315+21	LT/RT	2	CULVERT, MAINLINE
0010	319+75	LT/RT	2	CULVERT, MAINLINE
0010	321+92	RT	2	CULVERT, CLOVERDALE
0010	354+91.5	RT 52'	1	STORM SEWER OUTALL
0010	359+23	LT/RT	2	CULVERT, MAINLINE
0010	365+18	RT	2	CULVERT, SPRING LANE
0010	367+50	RT 68.5'	1	STORM SEWER OUTALL
0010	371+57.8	RT 58.1'	1	STORM SEWER INTAKE
0010	378+25	RT 34.5'	1	STORM SEWER OUTALL
0010	202+12'PD'	LT/RT	2	CULVERT, PINEVIEW
TOTAL 0010			27	

PERMANENT SIGNING SUMMARY

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	1-01R	209+25	Left	R3-9-C	Begin Plaque		24 x 6													1			1-02M	
0010	1-02M	209+25	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36												1					Remount 6 Inches Higher on Existing Post
0010	1-03R	209+25	Right	R3-9-B	End Center Lane Left Turn Only Symbol		24 x 36													1	1			
0010	1-04R	210+65	Right	R2-1	Speed Limit (40)	40	24 x 30													1				
0010	1-05	210+65	Right	R2-1	Speed Limit (25)	25	24 x 30								5.00								1-04R	Mount on Existing Post
0010	1-06	211+00	Left	JV-1	Vertical Route Marker Assembly	SOUTH Great River Road National Scenic Byway	24 x 60				1				10.00									
0010	1-07R	211+25	Left	R2-1	Speed Limit (25)	25	24 x 30													1	1			
0010	1-08	212+00	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00									
0010	1-09	213+05	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	1-10	213+00	Left	R2-1	Speed Limit (25)	25	24 x 30						1		5.00									
0010	1-11R	213+70	Left	R7-1-R	No Parking Any Time (Right Arrow)		24 x 30													1	1			
0010	1-12R	213+75	Right	R7-1-L	No Parking Any Time (Left Arrow)		24 x 30													1	1			
0010	1-13	214+75	Right	W11-2	Pedestrian Crossing Symbol		30 x 30							1				6.25						
0010	1-14	214+75	Right	W16-9-P	Ahead Plaque (Yellow)		24 x 12											2.00					1-11	
0010	1-15	215+00	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00									
0010	1-16R	215+75	Left	R2-5-A	Reduced Speed Ahead (25)	25	24 x 30													1	1			
0010	1-17	216+15	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	1-18	216+15	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	1-19	216+25	Left	J4-2	Reassurance Assembly	SOUTH, ALTERNATE 35, 90	48 x 36		1						12.00									
0010	1-20R	216+40	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	1-21R	216+40	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	1-22	216+50	Right	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	1-23	216+75	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	1-24	217+25	Left	R6-2-L	One Way Left		24 x 30						1		5.00									
0010	1-25	217+55	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	1-26	217+55	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	1-27R	217+65	Right	R1-1	Stop		30 x 30														1	1		
0010	1-28	217+75	Right	R1-1	Stop		30 x 30			1					5.18									Quincy St
0010	1-29	217+75	Right	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00								1-26	
0010	2-01	218+00	Right	J4-2	Reassurance Assembly	NORTH, ALTERNATE 35, 90	48 x 36		1						12.00									
0010	2-02	218+50	Right	R2-1	Speed Limit (25)	25.00	24 x 30						1		5.00									
0010	2-03R	219+00	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30														1	1		
0010	2-04R	219+25	Right	D5-5-A	Roadside Table Symbol With Arrow	Left Arrow	24 x 30														1	1		
0010	2-05R	219+25	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30														1	1		
0010	2-06	219+45	Left	R1-1	Stop		30 x 30						1		5.18									
0010	2-07	219+55	Island	R6-2-R	One Way Right		24 x 30						1		5.00									Box Out Required
0010	2-08	219+90	Right	W11-2	Pedestrian Crossing Symbol		30 x 30											6.25						Mount to Signal Pole
0010	2-09	219+90	Right	W16-7L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00					2-08	Mount to Signal Pole
0010	2-10	219+90	Island	W11-2	Pedestrian Crossing Symbol		30 x 30											6.25						Mount to Signal Pole
0010	2-11	219+90	Island	W16-7-R	Right Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00					2-10	Mount to Signal Pole
0010	2-12	219+90	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	2-13R	219+90	Wayside	R7-5-R	Two Hour Parking 10 PM to 6 AM Right Arrow	2 Hour 10 PM to 6 AM	24 x 30													1	1			
0010	2-14	219+90	Wayside	R7-5-R	Two Hour Parking 10 PM to 6 AM Right Arrow	2 Hour 10 PM to 6 AM	18 x 24						1		3.00									
0010	2-15	220+10	Left	W11-2	Pedestrian Crossing Symbol		30 x 30											6.25						Mount to Signal Pole
0010	2-16	220+10	Left	W16-7L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00					2-15	Mount to Signal Pole
0010	2-17	220+10	Island	W11-2	Pedestrian Crossing Symbol		30 x 30											6.25						Mount to Signal Pole
0010	2-18	220+10	Island	W16-7-R	Right Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00					2-17	Mount to Signal Pole
0010	2-19	220+10	Island	R4-7	Keep Right		24 x 30						1		5.00									
0010	2-20	220+10	Right	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	2-21	220+70	Left	R6-2-L	One Way Left		24 x 30						1		5.00									
0010	2-22R	221+30	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	2-23	221+40	Left	R2-1	Speed Limit (25)	25	24 x 30						1		5.00									
0010	2-24R	221+70	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	2-25	221+75	Right	D5-5-A	Roadside Table Symbol With Arrow	Left Arrow	24 x 30						1		5.00									
0010	2-26	221+85	Right	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	2-27	222+15	Left	R6-1-L	One Way Left (Narrow)		36 x 12								3.00								2-28	Mount Above Sign 2-28
0010	2-28	222+15	Left	R1-1	Stop		30 x 30				1				5.18									
0010	2-29	222+15	Left	R6-3	Divided Highway Crossing		30 x 24								5.00								2-28	
0010	2-30	222+30	Wayside	R7-5-L	Two Hour Parking 10 PM to 6 AM Left Arrow	2 Hour 10 PM to 6 AM	18 x 24						1		3.00									
0010	2-13R	222+30	Wayside	R7-5-L	Two Hour Parking 10 PM to 6 AM Left Arrow	2 Hour 10 PM to 6 AM	24 x 30													1	1			
0010	2-32	222+60	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00								2-33	Mount Above Sign 2-33
0010	2-33	222+60	Right	R1-1	Stop		30 x 30				1				5.18									Royal St
0010	2-34	222+60	Right	R6-3	Divided Highway Crossing		30 x 24								5.00								2-33	
0010	2-35R	222+75	Right	R1-1	Stop		30 x 30														1	1		Royal St
0010	2-36	222+95	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	2-37	223+00	Left	D5-5-A	Roadside Table Symbol With Arrow	Right Arrow	24 x 30						1		5.00									
0010	2-38R	223+00	Left	D5-5-A	Roadside Table Symbol With Arrow	Right Arrow	24 x 30														1	1		
0010	2-39R	223+25	Right	R2-1	Speed Limit (50)	50	24 x 30														1	1		
0010	2-40	224+00	Right	JV-1	Vertical Route Marker Assembly	NORTH Great River Road National Scenic Byway	24 x 60				1				10.00									
0010	2-41	224+55	Left	W11-2	Pedestrian Crossing Symbol		30 x 30							1				6.25						
0010	2-42	224+55	Left	W16-9-P	Ahead Plaque (Yellow)		24 x 12											2.00					2-40	
0010	2-43R	224+55	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	2-44R	224+65	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	3-01	224+90	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	3-02	225+90	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	3-03	226+35	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	3-04	226+35	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	3-05	226+35	Right	R5-1	Do Not Enter		30 x 30								6.25								3-04	
0010	3-06	227+50	Right	R2-1	Speed Limit (45)	45	24 x 30						1		5.00									
0010	3-07	227+50	Left	R2-1	Speed Limit (25)	25	24 x 30						1		5.00									
0010	3-08R	228+00	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30													1	1			
0010	3-09	229+90	Left	R6-2-L	One Way Left		24 x 30						1		5.00									

CONTINUED ON NEXT SHEET

PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	420+73	230+05	Right	R1-1	Stop		30 x 30			1					5.18						1			Spruce St
0010	3-11	230+05	Right	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00								3-10	
0010	3-12R	230+15	Right	R1-1	Stop		30 x 30														1	1		
0010	3-13R	231+00	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30														1	1		
0010	3-14R	231+00	Left	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30														1	1		
0010	3-15	231+25	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	3-16R	232+00	Right	R2-1	Speed Limit (50)	50	24 x 30														1	1		
0010	3-17R	232+00	Left	R2-1	Speed Limit (50)	50	24 x 30														1	1		
0010	4-01	231+45	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	4-02	232+45	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	4-03	232+45	Right	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	4-04	232+45	Left	W3-5	Speed Limit (25) Ahead	25	36 x 36							1				9.00						
0010	4-05	233+25	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00									
0010	4-06R	233+50	Right	R7-1-D	No Parking Any Time (Double Arrow)		24 x 30														1	1		
0010	4-07	234+50	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	4-08	235+00	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00									
0010	4-09R	236+25	Left	I2-3	Population Sign	Onalaska Population 17736	24 x 66														1	2		
0010	4-10	237+00	Left	R2-1	Speed Limit (45)	45	24 x 30						1		5.00									
0010	4-11	237+25	Right	D5-5-A	Roadside Table Symbol With Arrow	Left Arrow	24 x 30						1		5.00									
0010	4-12R	237+25	Right	D5-5-A	Roadside Table Symbol With Arrow	Left Arrow	24 x 30														1	1		
0010	4-13R	237+45	Left	R7-1-L	No Parking Any Time (Left Arrow)		24 x 30														1	1		
0010	4-14	237+80	Left	R1-1	Stop		30 x 30			1					5.18									
0010	4-15	237+80	Left	R6-3	Divided Highway Crossing		30 x 24								5.00								4-14	
0010	4-16	237+80	Left	R6-1-L	One Way Left (Narrow)		36 x 12								3.00								4-14	Mount Above Sign 4-14
0010	4-17	238+15	Right	R1-1	Stop		30 x 30			1					5.18									Troy St
0010	4-18	238+15	Right	R6-3	Divided Highway Crossing		30 x 24								5.00								4-17	
0010	4-19	238+15	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00								4-17	Mount Above Sign 4-17
0010	4-20R	238+25	Right	R1-1	Stop		30 x 30														1	1		
0010	5-01R	39+00	Wayside	R7-5-R	Two Hour Parking 10 PM to 6 AM Right Arrow	2 Hour 10 PM to 6 AM	24 x 30														1	1		
0010	5-02	39+00	Wayside	R7-5-R	Two Hour Parking 10 PM to 6 AM Right Arrow	2 Hour 10 PM to 6 AM	18 x 24						1		3.00									
0010	5-03	238+75	Right	R2-1	Speed Limit (45)	45	24 x 30						1		5.00									
0010	5-04	239+25	Wayside	R9-53	No Dumping		21 x 21						1		3.06									
0010	5-05R	239+25	Wayside	R9-53	No Dumping																1	1		
0010	5-06	239+55	Left	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	5-07	239+85	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	5-08R	239+85	Right	D2-2	Destinations Distances	Holmen 4 Trempealeau 14	72 x 24														1	2		
0010	5-09	240+25	Left	R1-1	Stop		30 x 30						1		5.18									Wayside
0010	5-10	240+30	Wayside	R7-5-L	Two Hour Parking 10 PM to 6 AM Left Arrow	2 Hour 10 PM to 6 AM	18 x 24						1		3.00									
0010	5-11R	240+30	Wayside	R7-5-L	Two Hour Parking 10 PM to 6 AM Left Arrow	2 Hour 10 PM to 6 AM	24 x 30														1	1		
0010	5-12	240+40	Island	R6-2-R	One Way Right		24 x 30						1		5.00									
0010	5-13R	241+00	Left	D5-5-A	Roadside Table Symbol With Arrow	Right Arrow	24 x 30														1	1		
0010	5-14	241+00	Left	D5-5-A	Roadside Table Symbol With Arrow	Right Arrow	24 x 30						1		5.00									
0010	5-15	241+05	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	5-16	241+05	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00									
0010	5-17	241+05	Right	R5-1	Do Not Enter		30 x 30								6.25								5-16	
0010	5-18R	242+85	Right	R2-1	Speed Limit (50)	50	24 x 30														1	1		
0010	5-19	242+95	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	5-20R	243+00	Left	R2-1	Speed Limit (50)	50	24 x 30														1	1		
0010	5-21	243+50	Left	R5-1	Do Not Enter		30 x 30								6.25								5-21	
0010	5-22	243+50	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50									
0010	5-23	243+45	Island	R4-7	Keep Right		24 x 30						1		5.00									
0010	5-24R	245+00	Right	I55-56	Adopt A Highway	Holmen Area Rotary Club	30 x 36														1	1		
0010	5-25	245+00	Right	I55-56	Adopt A Highway	Holmen Area Rotary Club	30 x 36							1	7.50									
0010	6-01	246+30	Right	R5-1	Do Not Enter		30 x 30						1		6.25									
0010	6-02	246+60	Island	R4-7	Keep Right		24 x 30						1		5.00									Box Out Required
0010	6-03	247+05	Left	R6-2-L	One Way Left		24 x 30						1		5.00									
0010	6-04	247+30	Right	R1-1	Stop		30 x 30	1							5.18									Schnick Rd
0010	6-05	247+30	Right	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00								6-04	
0010	6-06R	247+35	Right	R1-1	Stop		30 x 30														1	1		
0010	6-07R	247+75	Left	I55-56	Adopt A Highway	Jennifer Rude Family and Friends	30 x 36														1	1		
0010	6-08	247+75	Left	I55-56	Adopt A Highway	Jennifer Rude Family and Friends	30 x 36							1	7.50									
0010	6-09R	248+75	Right	D7-68	Road To Park Name	Van Riper Park 1/2 Mile Omni Center	60 x 54														1	1		
0010	6-10	248+85	Right	D7-68	Road To Park Name	Road To Van Riper Park Omni Center 1/2 Mile	60 x 54	2							22.50									

CONTINUED ON NEXT SHEET

PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	6-11	249+10	Left	R5-1	Do Not Enter		30 x 30						1		6.25								
0010	6-12	249+30	Island	R4-7	Keep Right		24 x 30						1		5.00								Box Out Required
0010	6-13M	249+85	Right	D7-57	Tourist Information 1/2 Mile		54 x 36												1				Move From Station 251+00
0010	6-14	250+85	Island	R4-7	Keep Right		24 x 30						1		5.00								Box Out Required
0010	6-15	250+90	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00								
0010	6-16	250+90	Right	R5-1	Do Not Enter		30 x 30								6.25							6-14	
0010	6-17R	251+00	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	7-01	253+80	Left	R5-1	Do Not Enter		30 x 30								6.25							7-02	
0010	7-02	253+80	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36							1	6.00								
0010	7-03	253+85	Island	R4-7	Keep Right		24 x 30						1		5.00								Box Out Required
0010	7-04	253+85	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30						1		7.50								
0010	7-05	254+75	Island	R4-7	Keep Right		24 x 30						1		5.00								Box Out Required
0010	7-06	254+80	Right	R5-1	Do Not Enter		30 x 30						1		6.25								
0010	7-07	256+35	Left	R2-1	Speed Limit (45)	45	24 x 30						1		5.00								
0010	7-08	257+50	Left	R1-1	Stop		30 x 30			1					5.18								Sunset Vista
0010	7-09	257+50	Left	R6-3	Divided Highway Crossing		30 x 24								5.00							7-08	
0010	7-10	257+50	Left	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							7-08	Mount Above Sign 7-08
0010	7-11	257+55	Left	R1-1	Stop		30 x 30													1	1		
0010	7-12	258+10	Right	R1-1	Stop		30 x 30			1					5.18								Kramer Rd
0010	7-13	258+10	Right	R6-3	Divided Highway Crossing		30 x 24								5.00							7-12	
0010	7-14	258+10	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							7-12	Mount Above Sign 7-12
0010	7-15R	258+20	Right	R1-1	Stop		30 x 30													1	1		
0010	7-16	259+30	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	7-17	260+20	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	7-18R	260+20	Right	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	7-19R	260+50	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	8-01	260+50	Island	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	8-02	262+05	Left	R5-1-A	Wrong Way		36 x 24								6.00							8-03	
0010	8-03	262+05	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	8-04	265+00	Right	R5-1-A	Wrong Way		36 x 24		1						6.00								
0010	8-05	267+00	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	8-06	267+00	Right	R5-1	Do Not Enter		30 x 30								6.25							8-05	
0010	8-07	267+05	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	8-08R	267+25	Left	D5-5-B	Roadside Table Symbol 1/2 Mile		24 x 30													1	1		
0010	8-09	267+50	Left	D5-5-B	Roadside Table Symbol 1/2 Mile		24 x 30		1						5.00								
0010	9-01	268+50	Right	W2-6	Roundabout Ahead		36 x 36				1							9.00					
0010	9-02	268+50	Right	W13-1	Speed Advisory Plaque (15)	15	24 x 24											4.00				9-01	
0010	9-03R	268+50	Left	W14-3	No Passing Zone Pennant		48 x 36													1	1		
0010	9-04	269+00	Left	JV-1	Vertical Route Marker Assembly	SOUTH Great River Road National Scenic Byway	24 x 60				1				10.00								
0010	9-05	270+40	Right	D1-62	Roundabout Destination and Direction Sign		120 x 72				1	1			60.00								See Sign Details for Sign Message
0010	9-06	270+50	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	9-07R	270+90	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	9-08	271+95	Right	W3-2	Yield Ahead		36 x 36			1								9.00					
0010	9-09	273+10	Left	R5-1	Do Not Enter		30 x 30								6.25							9-10	
0010	9-10	273+10	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36	1							6.00								
0010	9-11	273+25	Median	R4-7	Keep Right		24 x 30	1							5.00								Box Out Required
0010	9-12	273+25	Right	D7-68-R	Park Name Right Arrow	Van Riper Park Omni Center Right Arrow	60 x 48			2					20.00								
0010	9-13M	274+25	Right	D7-59-R	Tourist Information (Right Arrow)		54 x 36												1				Move From Station 270+85
0010	9-14	274+75	Left	R5-1-A	Wrong Way		36 x 24								6.00							9-15	
0010	9-15	274+75	Left	J4-2	Reassurance Assembly	SOUTH, ALTERNATE 35, 90	48 x 36	1							12.00								
0010	11-01	146+40	Right	W2-6	Roundabout Ahead		30 x 30			1								6.25					
0010	11-02	146+40	Right	W13-1	Speed Advisory Plaque (15)	15	18 x 18											2.25				11-01	
0010	11-03	149+90	Right	W3-2	Yield Ahead		36 x 36			1								9.00					
0010	11-04	151+00	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-05	151+00	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-04	
0010	11-06	151+05	Island	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	11-07	151+35	Island	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-08	151+35	Island	R6-2-R	One Way Right		24 x 30								5.00							11-07	Box Out Required
0010	11-09R	151+50	Left	R5-98	No Trespassing State of Wisconsin		42 x 24													1	1		
0010	11-10	151+45	Right	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-11	151+45	Right	R1-54	To Traffic From Left		24 x 15								2.50							11-10	
0010	11-12R	275+65	Left	R5-98	No Trespassing State of Wisconsin		42 x 24													1	1		
0010	11-13	275+60	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-14	275+60	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-13	
0010	11-15	275+75	Median	D1-1	Destination Arrow	SOUTH 35 (Tilt Right Arrow)	42 x 30	1							8.75								Box Out Required
0010	11-16	275+70	Median	R1-2	Yield		36 x 31	1							3.90								Use 7 Foot Mounting Height
0010	11-17	275+70	Median	R6-2-R	One Way Right		24 x 30								5.00							11-16	Box Out Required
0010	11-18	275+40	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-19	275+40	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-18	
0010	11-20	275+70	Right	R1-2	Yield		36 x 31	1							3.90								Use 7 Foot Mounting Height
0010	11-21	275+70	Right	R1-54	To Traffic From Left		24 x 15								2.50							11-20	
0010	11-22R	275+90	Right	D7-68-R	Park Name Right Arrow	Van Riper Park Omni Center Right Arrow	60 x 48													1	1		
0010	11-23	276+20	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							11-24	

CONTINUED ON NEXT SHEET

PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	11-24	276+20	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	11-25	276+50	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							11-26	
0010	11-26	276+50	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	11-27	152+80	Island	D1-1	Destination Arrow	Riders Club Rd (Tilt Right Arrow)	84 x 15	2							8.75								Box Out Required
0010	11-28	152+95	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-29	152+95	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-28	
0010	11-30M	153+15	Right	R5-2	No Trucks Symbol		24 x 24												1				
0010	11-31	157+10	Left	W2-6	Roundabout Ahead		30 x 30							1				6.25					
0010	11-32	157+10	Left	W13-1	Speed Advisory Plaque (15)	15	18 x 18											2.25				11-31	
0010	11-33	155+75	Left	D1-62	Roundabout Destination and Direction Sign		108 x 60				2				45.00								See Sign Details for Sign Message
0010	11-34	154+75	Left	W3-2	Yield Ahead		36 x 36							1				9.00					
0010	11-35	153+30	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-36	153+30	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-35	
0010	11-37	153+20	Island	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	11-38	152+90	Island	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-39	152+90	Island	R6-2-R	One Way Right		24 x 30								5.00							11-38	Box Out Required
0010	11-40	153+00	Left	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-41	153+00	Left	R1-54	To Traffic From Left		24 x 15								2.50							11-40	
0010	11-42R	152+85	Left	R1-1	Stop		30 x 30													1	1		
0010	11-43	277+40	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-44	277+40	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-43	
0010	11-45	277+75	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-46	277+75	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-45	
0010	11-47	277+25	Median	D1-1	Destination Arrow	NORTH 35 (Tilt Right Arrow)	42 x 30		1						8.75								Box Out Required
0010	11-48	277+40	Median	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-49	277+40	Median	R1-54	To Traffic From Left		24 x 15								2.50							11-48	
0010	11-50	277+35	Left	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	11-51	277+35	Left	R6-2-R	One Way Right		24 x 30								5.00							11-50	Box Out Required
0010	11-52R	277+20	Left	D7-68-L	Park Name Left Arrow	Van Riper Park Omni Center Left Arrow	60 x 48													1	1		
0010	11-53	276+85	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							11-54	
0010	11-54	276+85	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	11-55	151+15	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							11-56	
0010	11-56	151+15	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	11-57	151+35	Island	D1-1	Destination Arrow	Sunset Vista Dr (Tilt Right Arrow)	84 x 15	2							8.75								Box Out Required
0010	11-58	151+35	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	11-59	151+35	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				11-58	
0010	12-01	279+00	Left	D7-59-L	Tourist Information (Left Arrow)		54 x 36												1				Move From Station 282+85
0010	12-02	280+00	Left	D7-68-L	Park Name Left Arrow	Van Riper Park Omni Center Left Arrow	60 x 48			2					20.00								
0010	12-03	281+00	Right	D1-62	Roundabout Destination and Direction Sign		78 x 72				2				39.00								See Sign Details for Sign Message
0010	12-04R	281+00	Right	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	12-05R	281+05	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	12-06	281+50	Left	W3-2	Yield Ahead		36 x 36			1								9.00					
0010	12-07	282+50	Right	W3-2	Yield Ahead		36 x 36			1								9.00					
0010	12-08	283+00	Left	D1-62	Roundabout Destination and Direction Sign		120 x 72				2				60.00								See Sign Details for Sign Message
0010	13-01	286+15	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-02	286+15	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-01	
0010	13-03	286+50	Right	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-04	286+50	Right	R1-54	To Traffic From Left		24 x 15								2.50							13-03	
0010	13-05	286+45	Median	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-06	286+54	Median	R6-2-R	One Way Right		24 x 30								5.00							13-05	Box Out Required
0010	13-07	91+05	Island	D1-1	Destination Arrow	Mason St (Tilt Right Arrow)	72 x 15	2							7.50								Box Out Required
0010	13-08	91+15	Island	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-09	91+15	Island	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-08	
0010	13-10M	91+75	Right	R14-1	Truck Route		24 x 18												1				
0010	13-11	91+40	Island	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	13-12	96+10	Left	W2-6	Roundabout Ahead		30 x 30							1				6.25					
0010	13-13	96+10	Left	W13-1	Speed Advisory Plaque (15)	15	18 x 18											2.25				13-12	
0010	13-14	94+10	Left	D1-62	Roundabout Destination and Direction Sign		108 x 42			1	1				31.50								See Sign Details for Sign Message
0010	13-15	92+60	Left	W3-2	Yield Ahead		36 x 36							1				9.00					
0010	13-16	91+40	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-17	91+40	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-16	
0010	13-18	91+10	Island	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-19	91+10	Island	R6-2-R	One Way Right		24 x 30								5.00							13-18	Box Out Required
0010	13-20	91+05	Left	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-21	91+05	Left	R1-54	To Traffic From Left		24 x 15								2.50							13-20	
0010	13-22	287+40	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							13-23	
0010	13-23	287+40	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	13-24	287+65	Right	R1-1	Stop		30 x 30													1	1		
0010	13-25	288+10	Median	D1-1	Destination Arrow	NORTH 35 (Tilt Right Arrow)	42 x 30		1						8.75								Box Out Required
0010	13-26	288+20	Right	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-27	288+20	Right	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-26	
0010	13-28R	289+00	Right	R2-1	Speed Limit (50)	50.00	24 x 30													1	1		
0010	13-29R	289+00	Left	R2-1	Speed Limit (50)	50.00	24 x 30													1	1		
0010	13-30	288+50	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-31	288+50	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-30	
0010	13-32	288+15	Median	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-33	288+15	Median	R6-2-R	One Way Right		24 x 30								5.00							13-32	Box Out Required

CONTINUED ON NEXT SHEET

PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	13-34	288+15	Left	R1-2	Yield		36 x 31		1						3.90								Use 7 Foot Mounting Height
0010	13-35	288+15	Left	R1-54	To Traffic From Left		24 x 15								2.50							13-34	
0010	13-36	287+60	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							13-37	
0010	13-37	287+60	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	13-38	286+95	Island	R6-1-R	One Way Right (Narrow)		36 x 12								3.00							13-39	
0010	13-39	286+95	Island	R6-4-B	Roundabout Chevron Bank		60 x 24	2							10.00								Use 4 Foot Mounting Height
0010	13-40R	286+85	Left	R1-1	Stop		30 x 30													1	1		
0010	13-41		Median	D1-1	Destination Arrow	SOUTH 35 (Tilt Right Arrow)	42 x 30		1						8.75								Box Out Required
0010	13-42	286+45	Left	W11-15	Bicycle and Pedestrian Symbol		30 x 30			1								6.25					
0010	13-43	286+45	Left	W16-7-L	Left Diagonal Downward Pointing Arrow (Yellow)		24 x 12											2.00				13-42	
0010	15-01	289+20	Right	J1-1	Junction Assembly	JCT Z	24 x 39			1					6.50								
0010	15-02	289+20	Right	R5-1-A	Wrong Way		36 x 24								6.00							15-01	
0010	15-03R	290+25	Right	J1-1	Junction Assembly	JCT Z	24 x 39													1	1		Includes No Passing Zone Sign
0010		290+25	Right	W14-3	No Passing Zone Pennant		48 x 36															15-03R	
0010	15-04	290+55	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	15-05	290+60	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	15-06	290+60	Right	R5-1	Do Not Enter		30 x 30								6.25							15-04	
0010	15-07	292+25	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	15-08	292+25	Left	W3-2	Yield Ahead		36 x 36			1								9.00					
0010	15-09	293+50	Left	D1-62	Roundabout Destination and Direction Sign		78 x 72				1	1			39.00								See Sign Details for Sign Message
0010	15-10	294+55	Left	R5-1	Do Not Enter		30 x 30								6.25							15-10	
0010	15-11	294+55	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	15-12	294+55	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	15-13	294+75	Right	D1-1	Destination Arrow	(Left Arrow) Brice Prairie	84 x 15		2						8.75								
0010	15-14	295+50	Left	W2-6	Roundabout Ahead		36 x 36				1							9.00					
0010	15-15	295+50	Left	W13-1	Speed Advisory Plaque (15)	15	24 x 24											4.00				9-01	
0010	16-01	295+75	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	16-02	295+75	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	16-03	296+50	Left	I2-3	Population Sign	Onalaska Population 17736	66 x 24		2						11.00								
0010	16-04	296+70	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	16-05	297+75	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	16-06R	298+00	Left	JV-1	Vertical Route Marker Assembly	SOUTH Great River Road National Scenic Byway	24 x 60													1	1		
0010	16-07R	298+00	Left	J4-1	Reassurance Assembly	SOUTH 35	24 x 36													1	1		Includes No Passing Zone Sign
0010		298+00	Left	W14-3	No Passing Zone Pennant		48 x 36															16-07R	
0010	16-08R	298+15	Right	D1-1	Destination Arrow	(Left Arrow) Brice Prairie	84 x 15													1	2		
0010	16-09	298+75	Left	JV-1	Vertical Route Marker Assembly	SOUTH Great River Road National Scenic Byway	24 x 60				1				10.00								
0010	16-10	298+75	Left	J4-2	Reassurance Assembly	SOUTH, ALTERNATE 35, 90	48 x 36			1					12.00								
0010	16-11	299+20	Right	J13-1	Route Turn Assembly Without Cardinal	Z Left Arrow	24 x 45			1					7.50								
0010	16-12	109+75	Right	J13-1	Route Turn Assembly Without Cardinal	35 Double Arrow	24 x 45			1					7.50								
0010	16-13	109+75	Right	R1-1	Stop		30 x 30	1							5.18								CTH Z
0010	16-14	299+90	Right	R1-1	Stop		30 x 30	1							5.18								Hilltop Rd
0010	16-15R	299+90	Right	R1-1	Stop		30 x 30													1	1		
0010	16-16	300+60	Right	JV-1	Vertical Route Marker Assembly	NORTH Great River Road National Scenic Byway	24 x 60				1				10.00								
0010	16-17	300+60	Right	J4-1	Reassurance Assembly	NORTH, ALTERNATE 35, 90	48 x 36			1					12.00								
0010	16-18	301+00	Left	J13-1	Route Turn Assembly Without Cardinal	Z Right Arrow	24 x 45			1					7.50								
0010	16-19R	301+50	Right	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	17-01	302+70	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	17-02R	302+70	Right	J13-1	Route Turn Assembly Without Cardinal	Z Left Arrow	24 x 45													1	1		
0010	17-03	304+00	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	17-04R	304+00	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	17-05	304+65	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	17-06R	305+00	Left	J13-1	Route Turn Assembly Without Cardinal	35 Double Arrow	24 x 45													1	1		
0010	17-07R	305+05	Left	R1-1	Stop		30 x 30													1	1		
0010	17-08R	305+75	Left	J13-1	Route Turn Assembly Without Cardinal	Z Right Arrow	24 x 45													1	1		
0010	17-09	306+00	Left	D1-1	Destination Arrow	Brice Prairie (Right Arrow)	84 x 15		2						8.75								
0010	17-10R	306+50	Left	D7-68	Road To Park Name	Van Riper Park 1/2 Mile Omni Center	60 x 54													1	1		
0010	17-11M	307+00	Left	D7-57	Tourist Information 1/2 Mile		54 x 36												1				Move From Station 308+75
0010	17-12	308+00	Left	D7-68	Road To Park Name	Road To Van Riper Park Omni Center 1/2 Mile	60 x 54			1	1				22.50								
0010	17-13M	308+00	Right	D7-68	Road To Park Name	Road To National Wildlife Refuge Visitor Center 1/2 Mile	78 x 54												1				Move From Station 309+75

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PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	17-14R	308+75	Right	JV-1	Vertical Route Marker Assembly	NORTH	24 x 60													1	1		
0010						Great River Road																	
0010						National Scenic Byway																	
0010	17-15R	308+75	Right	J4-1	Reassurance Assembly	NORTH	24 x 36													1	1		Includes No Passing Zone Sign
0010						35																	
0010		308+75	Right	W14-3	No Passing Zone Pennant		48 x 36															17-15R	
0010	18-01R	309+50	Left	D1-1	Destination Arrow	Brice Prairie (Right Arrow)	84 x 15													1	2		
0010	18-02	309+55	Left	J1-1	Junction Assembly	JCT	24 x 39			1					6.50								
0010						Z																	
0010	18-03	310+00	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	18-04	310+90	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	18-05	310+95	Left	R5-1	Do Not Enter		30 x 30								6.25							18-06	
0010	18-06	310+95	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	18-07R	312+25	Right	R2-1	Speed Limit (55)	55	24 x 30													1	1		
0010	18-08R	312+35	Left	R2-1	Speed Limit (50)	50	24 x 30													1	1		
0010	18-09	312+75	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	18-10	313+00	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	18-11	313+00	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	18-12	313+60	Left	R6-2-L	One Way Left		24 x 30		1						5.00								
0010	18-13	313+80	Right	R1-1	Stop		30 x 30			1					5.18								Westview Dr
0010	18-14	313+80	Right	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00							18-13	
0010	18-15R	313+80	Right	R1-1	Stop		30 x 30													1	1		
0010	18-16	315+40	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	18-17	315+50	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	18-18R	315+50	Left	J1-1	Junction Assembly	JCT	24 x 39													1	1		
0010						Z																	
0010	19-01	316+95	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	19-02	316+95	Right	R5-1	Do Not Enter		30 x 30								6.25							19-01	
0010	19-03	317+00	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	19-04	318+40	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	19-05R	319+95	Left	W3-5	Speed Limit (50) Ahead	50	36 x 36													1	1		
0010	19-06	321+20	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	19-07	321+35	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	19-08R	321+50	Left	W14-3	No Passing Zone Pennant		48 x 36													1	1		
0010	19-09	322+25	Right	R1-1	Stop		30 x 30		1						5.18								Cloverdale Rd
0010	19-10R	322+25	Right	R1-1	Stop		30 x 30													1	1		
0010	19-11	322+75	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	20-01	324+50	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	20-02	325+75	Right	R1-1	Stop		30 x 30		1						5.18								Penny Ln
0010	20-03R	325+75	Right	R1-1	Stop		30 x 30													1	1		
0010	20-04R	326+50	Right	W3-3	Signal Ahead		36 x 36													1	1		
0010	20-05R	326+50	Right	J1-1	Junction Assembly	JCT	24 x 39													1	1		
0010						OT																	
0010	20-06	326+75	Right	J1-1	Junction Assembly	JCT	24 x 39			1					6.50								
0010						OT																	
0010	20-07	327+75	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	20-08	328+10	Median	R4-7	Keep Right		24 x 30		1						5.00								Box Out Required
0010	20-09M	328+25	Right	D7-68-L	Park Name Left Arrow	National	72 x 42												1				
0010						Wildlife Refuge																	
0010						Visitor Center																	
0010						Left Arrow																	
0010	20-10R	329+00	Median	R4-7	Keep Right		24 x 30													1	1		
0010	20-11R	329+50	Right	D1-1	Destination Arrow	(Left Arrow) Midway	60 x 15													1	1		
0010	20-12	329+75	Right	W3-3	Signal Ahead		36 x 36			1							9.00						
0010	20-13	329+75	Left	R5-1-A	Wrong Way		36 x 24	1							6.00								
0010	21-01R	330+50	Median	R6-2-R	One Way Right		24 x 30													1	1		
0010	21-02	330+50	Median	R6-2-R	One Way Right		24 x 30	1							5.00								
0010	21-03R	331+00	Right	J13-1	Route Turn Assembly Without Cardinal	OT	24 x 45													1	1		
0010						Double Arrow																	
0010	21-04R	331+00	Right	J3-1	Route Turn Assembly	ALTERNATE	24 x 57													1	1		
0010						90																	
0010						Right Arrow																	
0010	21-05	332+75	Right	D1-1	Destination Arrow	(Left Arrow) Midway	60 x 15	2							6.25								
0010	21-06	333+25	Left	R2-1	Speed Limit (45)	45	24 x 30	1							5.00								
0010	21-07	334+50	Right	R5-1-A	Wrong Way		36 x 24	1							6.00								
0010	21-08	334+75	Left	JV-1	Vertical Route Marker Assembly	SOUTH	24 x 60			1					10.00								
0010						Great River Road																	
0010						National Scenic Byway																	
0010	21-09R	335+00	Left	JV-1	Vertical Route Marker Assembly	SOUTH	24 x 60													1	1		
0010						Great River Road																	
0010						National Scenic Byway																	
0010	21-10	335+75	Left	J4-2	Reassurance Assembly	SOUTH, ALTERNATE	48 x 36			1					12.00								
0010						35, 90																	
0010	21-11R	335+75	Left	J4-1	Reassurance Assembly	SOUTH	24 x 36													1	1		
0010						35																	
0010	21-12R	335+75	Left	J4-1	Reassurance Assembly	ALTERNATE	24 x 36													1	1		
0010						90																	
0010	21-13	336+50	Right	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal

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PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

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0010	21-14R	336+50	Right	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-15	336+50	Median	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal
0010	21-16R	336+50	Median	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-17R	336+50	Right	R5-1	Do Not Enter		30 x 30													1			Banded to Signal
0010	21-18	336+50	Right	R5-1	Do Not Enter		30 x 30								6.25								Banded to Signal
0010	21-19	336+50	Right	J13-1	Route Turn Assembly Without Cardinal	OT Double Arrow	24 x 45			1					7.50								
0010	21-20	336_50	Right	J3-1	Route Turn Assembly	ALTERNATE 90 Right Arrow	24 x 57			1					9.50								
0010	21-21	336+50	Median	R4-7	Keep Right		24 x 30								5.00								Banded to Signal
0010	21-22R	336+50	Median	R4-7	Keep Right		24 x 30													1			Banded to Signal
0010	21-23	336+50	Left	R6-3	Divided Highway Crossing		30 x 24								5.00								Banded to Signal
0010	21-24	336+50	Left	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal
0010	21-25R	336+50	Left	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-26	336+90	Right	R6-3	Divided Highway Crossing		30 x 24								5.00								Banded to Signal
0010	21-27	336+90	Right	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal
0010	21-28R	336+90	Right	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-29R	336+90	Left	R5-1	Do Not Enter		30 x 30													1			Banded to Signal
0010	21-30	336+90	Left	R5-1	Do Not Enter		30 x 30								6.25								Banded to Signal
0010	21-31R	336+90	Left	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-32	336+90	Left	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal
0010	21-33R	336+90	Median	R1-1-F	Folding Stop		36 x 36													1			Banded to Signal
0010	21-34	336+90	Median	R1-1-F	Folding Stop		36 x 36									7.46							Banded to Signal
0010	21-35	336+90	Median	R4-7	Keep Right		24 x 30								5.00								Banded to Signal
0010	21-36R	336+90	Median	R4-7	Keep Right		24 x 30													1			Banded to Signal
0010	22-01	336+90	Left	J13-1	Route Turn Assembly Without Cardinal	OT Double Arrow	24 x 45			1					7.50								
0010	22-02R	337+50	Right	J4-1	Reassurance Assembly	NORTH 35	24 x 36													1	1		
0010	22-03R	337+50	Right		Vacant Sign Post																1		
0010	22-04	337+75	Right	JV-1	Vertical Route Marker Assembly	NORTH Great River Road National Scenic Byway	24 x 60				1				10.00								
0010	22-05	337+75	Right	J4-1	Reassurance Assembly	NORTH 35	24 x 36			1					6.00								
0010	22-06R	338+50	Right	R2-1	Speed Limit (55)	55	24 x 30													1	1		
0010	22-07	339+00	Left	R5-1-A	Wrong Way		36 x 24		1						6.00								
0010	22-08	339+25	Median	R6-2-R	One Way Right		24 x 30		1						5.00								
0010	22-09R	339+25	Median	R6-2-R	One Way Right		24 x 30													1	1		
0010	22-10	340+00	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	22-11R	340+00	Right	JV-1	Vertical Route Marker Assembly	NORTH Great River Road National Scenic Byway	24 x 60													1	1		
0010	22-12R	341+75	Left	J13-1	Route Turn Assembly Without Cardinal	OT Double Arrow	24 x 45													1	1		
0010	22-13	342+85	Left	W3-3	Signal Ahead		36 x 36			1								9.00					
0010	22-14R	343+50	Median	R4-7	Keep Right		24 x 30													1	1		
0010	23-01M	344+25	Left	D7-68-R	Park Name Right Arrow	National Wildlife Refuge Visitor Center Right Arrow	72 x 42												1				
0010	23-02R	346+50	Left	W3-3	Signal Ahead		36 x 36													1	1		
0010	23-03R	346+50	Left	J1-1	Junction Assembly	JCT OT	24 x 39													1	1		
0010	23-04	346+75	Right	J1-1	Junction Assembly	JCT OT	24 x 39			1					6.50								
0010	23-05	347+00	Right	I2-3	Population Sign	Holmen Population 9005	60 x 24		2						10.00								
0010	23-06R	347+00	Right	I2-3	Population Sign	Holmen Population 9005	60 x 24													1	2		
0010	23-07	349+25	Right	R5-1-A	Wrong Way		36 x 24		1						6.00								
0010	23-08	350+75	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	23-09	351+30	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	23-10	351+30	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	24-01R	351+50	Right	W14-3	No Passing Zone Pennant		48 x 36													1	1		
0010	24-02	352+75	Island	R4-7	Keep Right		24 x 30		1						5.00								
0010	24-03	352+75	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	24-04	353+00	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	24-05	353+70	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	24-06	353+80	Island	R4-7	Keep Right		24 x 30		1						5.00								
0010	24-07	353+90	Left	R1-1	Stop		30 x 30			1					5.18								Ulman St
0010	24-08	353+90	Left	R6-3	Divided Highway Crossing		30 x 24								5.00							24-07	
0010	24-09	353+90	Left	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							24-07	Mount Above Sign 24-07
0010	24-10R	353+90	Left	R1-1	Stop		30 x 30													1	1		
0010	24-11	354+50	Right	R1-1	Stop		30 x 30			1					5.18								Spruce St
0010	24-12	354+50	Right	R6-3	Divided Highway Crossing		30 x 24								5.00							24-11	
0010	24-13	354+50	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							24-11	Mount Above Sign 24-07
0010	24-14R	354+50	Right	R1-1	Stop		30 x 30													1	1		
0010	24-15	354+75	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	24-16	354+80	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	24-17	356+00	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	24-18	358+25	361+85	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	25-01M	360+00	Left	D7-68	Road To Park Name	Road To National Wildlife Refuge Visitor Center 1/2 Mile	78 x 54												1				Move From Station 363+00

CONTINUED ON NEXT SHEET

PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	25-02	361+00	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	25-03	361+75	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	23-04	361+75	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	25-05	361+85	Left	R1-1	Stop		30 x 30			1					5.18								
0010	25-06	361+85	Left	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00							25-05	
0010	25-07R	361+85	Left	R1-1	Stop		30 x 30													1	1		
0010	25-08	362+40	Right	R6-2-L	One Way Left		24 x 30		1						5.00								
0010	25-09	362+80	Island	R4-7	Keep Right		24 x 30		1						5.00								
0010	25-10	362+90	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	25-11	364+60	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	25-12	364+65	Island	R4-7	Keep Right		24 x 30		1						5.00								
0010	25-13	364+65	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	25-14	364+85	Left	R6-2-L	One Way Left		24 x 30		1						5.00								
0010	25-15R	364+85	Left	R1-1	Stop		30 x 30													1	1		
0010	26-01	365+65	Right	R1-1	Stop		30 x 30			1					5.18								Spring Ln
0010	26-02	365+65	Right	R6-3	Divided Highway Crossing		30 x 24								5.00							26-01	
0010	26-03	365+65	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							26-01	Mount Above Sign 24-07
0010	26-04R	365+65	Right	R1-1	Stop		30 x 30													1	1		
0010	26-05	365+70	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	26-06	365+70	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	26-07	367+35	Right	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	26-08	369+00	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	26-09	370+25	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	26-10	370+65	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	26-11	371+00	Left	R1-1	Stop		30 x 30			1					5.18								Evergreen Way
0010	26-12	371+00	Left	R6-3	Divided Highway Crossing		30 x 24								5.00							26-11	
0010	26-13	371+00	Left	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							26-11	Mount Above Sign 24-07
0010	26-14R	371+00	Left	R1-1	Stop		30 x 30													1	1		
0010	26-15	371+45	Right	R1-1	Stop		30 x 30			1					5.18								Walden Pl
0010	26-16	371+45	Right	R6-3	Divided Highway Crossing		30 x 24								5.00							26-11	
0010	26-17	371+45	Right	R6-1-L	One Way Left (Narrow)		36 x 12								3.00							26-11	Mount Above Sign 24-07
0010	26-18R	371+45	Right	R1-1	Stop		30 x 30													1	1		
0010	26-19	371+75	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	26-20	372+25	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	27-01	373+00	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	27-02	375+75	Right	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	27-03	375+75	Right	R5-1	Do Not Enter		30 x 30								6.25							27-02	
0010	27-04	375+80	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	27-05R	376+10	Left	W14-3	No Passing Zone Pennant		48 x 36													1	1		
0010	27-06	376+20	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	27-07R	377+75	Right	W6-1	Divided Highway Begins Symbol		36 x 36													1	1		
0010	27-08	378+10	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	27-09	378+10	Left	R5-1	Do Not Enter		30 x 30								6.25							27-10	
0010	27-10	378+10	Left	R3-9-B	Center Lane Left Turn Only Symbol		24 x 36			1					6.00								
0010	28-01	380+00	Left	R5-1-A	Wrong Way		36 x 24		1						6.00								
0010	28-02R	381+80	Right	J1-1	Junction Assembly	JCT OT	24 x 39													1	1		
0010	28-03	382+00	Right	J1-1	Junction Assembly	JCT OT	24 x 39			1					6.50								
0010	28-04	384+00	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	28-05	384+50	Right	R5-1-A	Wrong Way		36 x 24		1						6.00								
0010	28-06R	384+55	Left	J4-2	Reassurance Assembly	SOUTH, SOUTH 35, Great River Road	48 x 36													1	1		
0010	28-07R	385+25	Right	J1-1	Junction Assembly	JCT 53	24 x 39													1	1		
0010	28-08R	385+60	Left	W6-3	Two Way Traffic Symbol		36 x 36													1	1		
0010	28-09	386+25	Right	J1-1	Junction Assembly	JCT 53	24 x 39			1					6.50								
0010	28-10	386+50	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	28-11	386+50	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	29-01	386+60	Left	R1-1	Stop		30 x 30			1					5.18								Pineview Dr
0010	29-02	386+60	Left	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00							29-01	
0010	29-03	386+80	Right	R6-2-L	One Way Left		24 x 30		1						5.00								
0010	29-04	387+10	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	29-05	387+30	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	29-06	35+35	Left	R1-1	Stop		30 x 30		1						5.18								
0010	29-07	388+00	Right	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	29-08R	389+10	Left	R1-1	Stop		30 x 30													1	1		
0010	29-09	38+30	Right	W5-56	End Road Marker		18 x 18	1								2.25							Use 4 Foot Mounting Height
0010	29-10	38+30	Right	W5-56	End Road Marker		18 x 18	1								2.25							Use 4 Foot Mounting Height
0010	29-11	38+30	Right	W5-56	End Road Marker		18 x 18	1								2.25							Use 4 Foot Mounting Height
0010	29-12	390+00	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
0010	29-13	391+50	Left	JV-1	Vertical Route Marker Assembly	SOUTH Great River Road National Scenic Byway	24 x 60			1					10.00								
0010	29-14	391+50	Left	J4-1	Reassurance Assembly	SOUTH 35	24 x 36		1						6.00								
0010	29-15	391+70	Right	J13-1	Route Turn Assembly Without Cardinal	OT Left Arrow	24 x 45			1					7.50								
0010	29-16	391+85	Right	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	29-17R	392+00	Right	J13-1	Route Turn Assembly Without Cardinal	OT Left Arrow	24 x 45													1	1		
0010	29-18	391+95	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	29-19R	392+00	Left	D6-4	National Scenic Byway		24 x 24													1	1		
0010	29-20R	329+30	Left	R1-1	Stop		30 x 30													1	1		

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PERMANENT SIGNING SUMMARY (CONTINUED FROM PREVIOUS SHEET)

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIGN DESCRIPTION	SIGN MESSAGE	SIGN SIZE IN INCHES	634.0612 POSTS WOOD 4 x 6 INCH 12 FOOT EACH	634.0614 POSTS WOOD 4 x 6 INCH 14 FOOT EACH	634.0616 POSTS WOOD 4 x 6 INCH 16 FOOT EACH	634.0618 POSTS WOOD 4 x 6 INCH 18 FOOT EACH	634.0620 POSTS WOOD 4 x 6 INCH 20 FOOT EACH	634.0810 TUBULAR STEEL 2 x 2 INCH 10 FOOT EACH	634.0811 TUBULAR STEEL 2 x 2 INCH 11 FOOT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	MOUNTED ON SAME POST AS SIGN NUMBER	REMARKS
0010	29-21	329+30	Left	R1-1	Stop		30 x 30			1					5.18								CTH OT
0010	29-22	329+30	Left	R6-3-A	Divided Highway Crossing T Intersection		30 x 24								5.00							29-21	
0010	29-23	392+40	Right	R6-2-L	One Way Left		24 x 30		1						5.00								
0010	29-24	393+25	Median	R4-7	Keep Right		24 x 30		1						5.00								
0010	29-25R	393+25	Median	R4-7	Keep Right		24 x 30													1	1		
0010	30-01R	393+15	Right	J2-4	Advance Route Turn Assembly	NORTH, NORTH, NORTH, SOUTH	96 x 57													1	2		
0010						53, 35, Great River Road, 53																	
0010						(Up Arrow) (Up Arrow) (Up Arrow) (Right Turn Arrow)	72 x 57																
0010	30-02	393+15	Right	J2-3	Advance Route Turn Assembly	NORTH, NORTH, SOUTH					2				28.50								
0010						53, 35, 53																	
0010						(Up Arrow) (Up Arrow) (Right Turn Arrow)																	
0010	30-03	393+25	Left	R5-1	Do Not Enter		30 x 30		1						6.25								
0010	30-04R	393+25	Left	R5-1	Do Not Enter		30 x 30													1	1		
0010	30-05	393+35	Left	J13-1	Route Turn Assembly Without Cardinal	OT	24 x 45			1					7.50								
0010						Right Arrow																	
0010	30-06	394+65	Left	R2-1	Speed Limit (45)	45	24 x 30		1						5.00								
0010	30-07R	395+35	Left	R2-1	Speed Limit (55)	55	24 x 30													1	1		
0010	30-08	395+85	Left	R4-4	Begin Right Turn Lane Yield To Bikes		36 x 30		1						7.50								
							TOTAL 0010	23	132	78	20	2	61	16	2322.66	44.76	6.75	306.50	11	137	132		

TRAFFIC CONTROL

CATEGORY	LOCATION	643.0300 DRUMS DAY	643.0420 BARRICADES TYPE III DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	643.0715 WARNING LIGHTS TYPE C DAY	643.0900 SIGNS DAY	643.1050 SIGNS PCMS DAY
0010	ADVANCE							28
0010	OUTFALL/TRAIL		100				60	
0010	STAGE 1	14393	3441				2257	
0010	STAGE 2A	48600	5265	121	121	1800	5850	
0010	STAGE 2B	35998	3444	18	18	2378	4961	
0010	STAGE 3	18166	1736				3069	
0010	STAGE 4	2350	1269				2914	
	TOTAL 0010	119507	15255	139	139	4178	19111	28

PAVEMENT MARKING EPOXY 4-INCH, 8-INCH, 12-INCH

CATEGORY	STATION	TO	STATION	LOCATION	646.0106 EPOXY 4-INCH (WHITE) LF	(YELLOW) LF	(12.5' SEG. 37.5' GA (YELLOW) LF	DOUBLE (YELLOW) LF	(3'SEG. 9' GAP) (WHITE) LF	646.0126 EPOXY 8-INCH (WHITE) LF	(3'SEG. 9' GAP) (WHITE) LF	646.0136 EPOXY 12-INCH (WHITE) LF	REMARKS
0010	210+25	-	222+85		2205	2230	420	392	64	325	27	400	INCLUDES QUINCY AND ROYAL
0010	222+85	-	238+25		3126	2755	337	180	147	637	71	218	INCLUDES SPRUCE AND TROY
0010	238+25	-	258+35		3756	3560	419	720	134	629	54	189	INCLUDES SCHNICK, SUNSET, KRAMER
0010	258+35	-	271+50		2789	2630	222		51	330	18		
0010	271+50	-	275+25	NB EDGE LINE	330				12				
0010	271+50	-	273+69	NB MEDIAN CHANNELIZING		220	45						
0010	271+50	-	273+68	SB MEDIAN CHANNELIZING		265	45						
0010	271+50	-	275+12	SB EDGE LINE	320				12				
0010	273+14	-	274+79	ISLAND NOSE									
0010	277+90	-	285+60	SB EDGE LINE	672				18				
0010	278+10	-	285+85	NB EDGE LINE	688				24				
0010	288+70	-	290+72	NB EDGE LINE	167				9				
0010	288+70	-	290+72	SB EDGE LINE	154				12				
0010	290+25	-	290+72	NB MEDIAN CHANNELIZING		84	11						
0010	290+26	-	290+72	SB MEDIAN CHANNELIZING		83	18						
0010	290+67	-	290+72	ISLAND NOSE									
0010	149+85'RS'	-	151+12'RS'	MEDIAN LANE SPLIT		25		225					
0010	153+22'RS'	-	155+52'RS'	MEDIAN LANE SPLIT		17		454					
0010	153+47'RS'	-	155+52'RS'	WB EDGE LINE	165				12				
0010	153+71'RS'	-	155+52'RS'	EB LANE EDGE	140				12				
0010	91+27'M'	-	92+87'M'	MEDIAN LANE SPLIT		28		288					
0010	91+87'M'	-	92+87'M'	EB EDGE LINE	51				12				
0010	92+09'M'	-	92+87'M'	WB EDGE LINE	37				9				
0010	290+25	-	299+20		1919	1155	220	748	51	122	29		INCLUDES CTH Z, HILLTOP, WESTVIEW, COLVERDALE, PENNY
0010	299+20	-	332+00		8115	4498	796	2418	180	935	102		INCLUDES CTH OT S
0010	332+00	-	337+45		780	800				654			INCLUDES ULMAN, SPRUCE
0010	337+45	-	354+70		3354	2992	38	542	51	814	24		INCLUDES SPRING
0010	354+70	-	370+76		3542	2751	38		195	1207	122		INCLUDES WALDEN, EVERGREEN, PINEVIEW
0010	370+76	-	396+25		4654	3818	278	120	94	1065	57	223	
				SUBTOTALS	36964	27911	2887	6087	1099	6718	504		
				TOTAL 0010			74948				7222	1030	

PAVEMENT MARKING ARROWS, SYMBOLS, AND WORDS

CATEGORY	STATION	TO	STATION	LOCATION	647.0166 ARROWS EPOXY TYPE 2 EACH	647.0176 ARROWS EPOXY TYPE 3 EACH	647.0206 ARROWS BIKE LANE EPOXY EACH	647.0306 SYMBOLS BIKE LANE EPOXY EACH	647.0356 WORDS EPOXY EACH	647.0526 YIELD LINE SYMBOLS EPOXY 18-INCH EACH	SPV.0060.13 GROOVED PREFORMED THERMOPLASTIC WORDS EACH	REMARKS
0010	210+25	-	222+85		8					2		INCLUDES QUINCY AND ROYAL
0010	222+85	-	238+25		12							INCLUDES SPRUCE AND TROY
0010	238+25	-	258+35		12							INCLUDES SCHNICK, SUNSET, KRAMER
0010	258+35	-	271+50		6							
0010	272+15			CENTER TURN LANE	1							
0010	272+25			CENTER TURN LANE	1							
0010	275+76			NB RB TURN LANE							1	
0010	277+47			SB RB TURN LANE							1	
0010	151+40'RS'			EB RB TURN LANE							1	
0010	152+90'RS'			WB RB TURN LANE							1	
0010	154+14'RS'			EB BIKE LANE				1				
0010	154+23'RS'			EB BIKE LANE			1					
0010	286+52			NB RB TURN LANE							1	
0010	287+58			WB RB TURN LANE							1	
0010	288+27			SB RB TURN LANE							1	
0010	92+62'M'			EB BIKE LANE				1				
0010	92+72'M'			EB BIKE LANE	5		1					INCLUDES CTH Z, HILLTOP, WESTVIEW, COLVERDALE, PENNY
0010	290+25	-	299+20		16							INCLUDES CTH 0T S
0010	299+20	-	332+00		6	2			6			INCLUDES ULMAN, SPRUCE
0010	332+00	-	337+45		6				4			INCLUDES SPRING
0010	337+45	-	354+70		15							INCLUDES WALDEN, EVERGREEN, PINEVIEW
0010	354+70	-	370+76		12				3			
0010	370+76	-	396+25									
				TOTAL 0010	100	2	2	2	13	2	7	

PAVEMENT MARKING CURBS, NOSES, AND MEDIANS

CATEGORY	STATION	TO	STATION	LOCATION	647.0456 CURB EPOXY LF	647.0606 ISLAND NOSE EPOXY EACH	647.0856 CONCRETE CORRUGATED MEDIAN EPOXY SF	REMARKS
0010	210+25	-	222+85		107	2	141	INCLUDES QUINCY AND ROYAL
0010	222+85	-	238+25		52	8	477	INCLUDES SPRUCE AND TROY
0010	238+25	-	258+35		169	6	559	INCLUDES SCHNICK, SUNSET, KRAMER
0010	258+35	-	271+50		25	2	279	
0010	273+14	-	274+79	ISLAND NOSE		1		
0010	290+67	-	290+72	ISLAND NOSE		1		
0010	151+00			ISLAND NOSE		1		
0010	153+24			ISLAND NOSE		1		
0010	290+25	-	299+20		55	2	222	INCLUDES CTH Z, HILLTOP, WESTVIEW, COLVERDALE, PENNY
0010	299+20	-	332+00		85	8	699	INCLUDES CTH 0T S
0010	337+45	-	354+70		65			INCLUDES SPRING
0010	354+70	-	370+76		127			INCLUDES WALDEN, EVERGREEN, PINEVIEW
0010	370+76	-	396+25		122			
				TOTAL 0010	807	32	2377	

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PAVEMENT MARKING THERMOPLASTIC, STOP LINE, DIAGONAL

CATEGORY	STATION	TO	STATION	LOCATION	647.0566 STOP LINE EPOXY 18-INCH LF	647.0726 DIAGONAL EPOXY 12-INCH (WHITE) LF	647.0726 DIAGONAL EPOXY 12-INCH (YELLOW) LF	SPV.0090.06 GROOVED PREFORMED THERMOPLASTIC 8-INCH (WHITE) LF	SPV.0090.07 GROOVED PREFORMED THERMOPLASTIC 12-INCH (WHITE) LF	SPV.0090.08 GROOVED PREFORMED THERMOPLASTIC 18-INCH (2' LINE,2'GAP) (WHITE) LF	REMARKS
0010	210+25	-	222+85		72						INCLUDES QUINCY AND ROYAL
0010	222+85	-	238+25		31						INCLUDES SPRUCE AND TROY
0010	238+25	-	258+35		68						INCLUDES SCHNICK, SUNSET, KRAMER
0010	258+35	-	271+50								
0010	275+43			SB CROSSWALK					17		
0010	275+47			NB CROSSWALK					18		
0010	275+50			SB CROSSWALK					18		
0010	275+58			NB CROSSWALK					19		
0010	275+52	-	275+81	MEDIAN EDGE				91			
0010	275+81	-	275+96	ROUNDABOUT DASH						18	
0010	277+17	-	277+46	MEDIAN EDGE				75			
0010	277+36	-	277+37	ROUNDABOUT DASH						18	
0010	277+42			NB CROSSWALK					19		
0010	277+52			NB CROSSWALK					19		
0010	277+57			SB CROSSWALK					19		
0010	277+65			SB CROSSWALK					19		
0010	149+85'RS'	-	151+12'RS'	MEDIAN LANE SPLIT			30				
0010	150+76'RS'			STOP LINE	14						
0010	151+09'RS'			SB CROSSWALK					17		
0010	151+11'RS'			NB CROSSWALK					20		
0010	151+16'RS'			SB CROSSWALK					16		
0010	151+23'RS'			NB CROSSWALK					20		
0010	151+26'RS'	-	151+36'RS'	MEDIAN EDGE				80			
0010	151+45'RS'	-	151+54'RS'	ROUNDABOUT DASH						19	
0010	152+68'RS'	-	153+05'RS'	MEDIAN EDGE				64			
0010	152+80'RS'	-	152+85'RS'	ROUNDABOUT DASH						19	
0010	153+05'RS'			EB CROSSWALK					19		
0010	153+14'RS'			WB CROSSWALK					19		
0010	153+16'RS'			EB CROSSWALK					19		
0010	153+21'RS'			WB CROSSWALK					18		
0010	153+22'RS'	-	155+52'RS'	MEDIAN LANE SPLIT			9				
0010	286+19			SB CROSSWALK					16		
0010	286+23			NB CROSSWALK					19		
0010	286+25			SB CROSSWALK					16		
0010	286+34			NB CROSSWALK					19		
0010	286+36	-	286+56	MEDIAN EDGE				80			
0010	286+56	-	286+68	ROUNDABOUT DASH						16	
0010	287+51	-	287+84	ROUNDABOUT DASH						18	
0010	287+78	-	288+18	ROUNDABOUT DASH						19	
0010	288+01	-	288+28	MEDIAN EDGE				89			
0010	288+28			NB CROSSWALK					17		
0010	288+38			NB CROSSWALK					17		
0010	288+40			SB CROSSWALK					19		
0010	288+49			SB CROSSWALK					18		
0010	90+91'M'	-	91+18'M'	MEDIAN EDGE				71			
0010	91+17'M'			EB CROSSWALK					18		
0010	91+27'M'			EB CROSSWALK					18		
0010	91+30'M'			WB CROSSWALK					18		
0010	91+37'M'			WB CROSSWALK					18		
0010	299+20	-	332+00		109	75					INCLUDES CTH OT S
0010	332+00	-	337+45		96						INCLUDES ULMAN, SPRUCE
0010	337+45	-	354+70		101						INCLUDES SPRING
0010	354+70	-	370+76		35						INCLUDES WALDEN, EVERGREEN, PINEVIEW
0010	370+76	-	396+25		67						
				SUBTOTAL		75	39				
				TOTAL 0010	593	114		550	509	127	

TEMPORARY PAVEMENT MARKING 4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	649.0402 LF	REMARKS
0010	210+00	-	321+55	MAINLINE	22310	STAGE 2A
0010	353+00	-	389+75	MAINLINE	7350	STAGE 2A
				SUBTOTAL STAGE 2A	29660	
0010	217+60	-	254+50	MAINLINE	6660	STAGE 2B
0010	254+50	-	261+25	MAINLINE	2460	STAGE 2B, KRAMER/SUNSET STAGING
0010	261+25	-	302+00	MAINLINE	8150	STAGE 2B
0010	302+00	-	309+50	MAINLINE	3000	STAGE 2B, CTH Z STAGING
0010	309+50	-	320+00	MAINLINE	1950	STAGE 2B
0010	320+00	-	324+75	MAINLINE	1900	STAGE 2B, CLOVERDALE STAGING
0010	354+50	-	392+00	MAINLINE	7060	STAGE 2B
				SUBTOTAL STAGE 2B	31180	
				TOTAL 0010	60840	

TEMPORARY PAVEMENT MARKING STOP LINE 18-INCH

CATEGORY	STATION	LOCATION	649.1100 LF	REMARKS
0010	217+50	RT	15	QUINCY, STAGE 3
0010	222+55	RT	15	ROYAL, STAGE 3
0010	230+00	RT	15	SPRUCE, STAGE 3
0010	238+00	RT	15	TROY, STAGE 3
0010	247+20	RT	15	SCHNICK, STAGE 3
0010	299+75	LT	15	CTH Z, STAGE 3
0010	299+85	RT	15	HILLTOP, STAGE 3
0010	313+75	RT	15	WEST VIEW, STAGE 3
0010	322+15	RT	15	CLOVERDALE, STAGE 3
0010	354+20	LT	15	ULMAN, STAGE 3
0010	354+30	RT	15	SPRUCE, STAGE 3
0010	365+50	RT	15	SPRING, STAGE 3
0010	371+10	LT	15	EVERGREEN, STAGE 3
0010	371+30	RT	15	WALDEN, STAGE 3
0010	386+75	LT	15	PINEVIEW, STAGE 3
		TOTAL 0010	225	

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CONSTRUCTION STAKING STORM SEWER

CATEGORY	STATION	LOCATION	STRUCTURE ID	650.4000 EACH
0010	210+48	RT 34'	INL 2.1	1
0010	210+99	RT 18.5'	INL 1.2	1
0010	211+00	LT 31.5'	INL 1.4	1
0010	215+33.3	RT 30.5'	INL 3.2	1
0010	215+46.8	LT 38.1'	INL 3.5	1
0010	216+20.0	RT 30.5'	INL 3.1	1
0010	216+21.0	LT 40'	INL 3.4	1
0010	216+51.4	LT 25.1	MH 3	1
0010	216+57.0	RT 54.2	INL 3.3	1
0010	217+17.4	LT 64'	MH 4	1
0010	218+93.0	LT 41.25	INL 4.1	1
0010	221+00.8	RT 21.5'	INL 6.1	1
0010	221+75.3	RT 21.5'	INL 6.2	1
0010	222+01.01	RT 29.9'	INL 6.3	1
0010	223+05.1	RT 21.5'	INL 6.4	1
0010	224+03.0	RT 7.5'	MH 6	1
0010	224+03.0	RT 21.5'	INL 6.5	1
0010	225+97.9	RT 7.5'	MH 7	1
0010	225+97.9	RT 21.5'	INL 7.1	1
0010	227+41.5	RT 23.1	INL 8.1	1
0010	228+39.5	RT 30.5'	INL 8.2	1
0010	229+01.5	RT 21.5'	MH 8	1
0010	229+01.5	RT 30.5'	INL 8.3	1
0010	30+77.8'S'	RT 23.5'	INL 9.1	1
0010	30+62.6'S'	LT 19.5'	INL 9.2	1
0010	229+99.5	RT 34.4'	MH 9	1
0010	231+23.6	RT 21.5'	INL 10.1	1
0010	231+97.6	RT 37.5'	MH 10	1
0010	231+97.6	RT 21.5'	INL 10.2	1
0010	233+36.1	RT 28.5'	MH 12	1
0010	233+35	LT 30'	MH 13	1
0010	233+35	LT 103'	MH 14	1
0010	233+68.6	RT 24.4'	INL 12.1	1
0010	234+08.6	RT 47'	INL 12.4	1
0010	234+70.6	RT 21.5'	INL 12.2	1
0010	236+97.9	RT 30.5'	INL 12.3	1
0010	40+91.0'T'	RT 21.9'	INL 21.1	1
0010	40+64.0'T'	RT 21.9'	INL 21.2	1
0010	237+85.5	RT 24.9'	MH 20	1
0010	237+89.0	RT 16.5'	MH 21	1
0010	238+20.5	RT 32.2'	INL 21.3	1
0010	239+67.6	RT 6.5'	MH 22	1
0010	239+67.6	RT 21.5'	INL 22.2	1
0010	240+66.8	RT 21.5'	INL 22.1	1
0010	242+05.0	RT 7.5'	MH 23	1
0010	242+05.0	RT 21.5'	INL 23.1	1
0010	243+88.0	RT 7.5'	MH 24	1
0010	243+88.0	RT 21.5'	INL 24.1	1
0010	245+22.2	RT 22.5'	MH 25	1
0010	245+22.2	RT 30.5'	INL 25.2	1
0010	246+20.5	RT 30.5'	INL 25.1	1
0010	246+93.7	RT 52.9'	MH 26	1
0010	247+21.4	RT 15'	MH 28	1
0010	50+95.0'SR'	RT 19.1'	INL 26.2	1
0010	50+90.0'SR'	RT 19.1'	INL 26.1	1
0010	247+37.7	RT 31.2'	INL 28.2	1
0010	248+47.8	RT 21.5'	INL 28.1	1
0010	250+13.8	RT 7.5'	MH 29	1
0010	250+13.8	RT 21.5'	INL 29.2	1
0010	251+05.8	RT 21.5'	INL 29.1	1
0010	253+04.8	RT 6.5'	MH 30	1
0010	253+04.8	RT 21.5'	INL 30.3	1
0010	254+63.8	RT 21.5'	INL 30.2	1
0010	255+98.0	RT 30.5'	INL 30.1	1
0010	273+24	RT 19.3'	INL 40.3	1
0010	273+25	LT 3.1'	INL 40.2	1
0010	273+25	LT 10.3'	MH 40	1
0010	273+27	LT 33.4'	INL 40.1	1
0010	275+32.55	LT 160.6'	INL 58.1	1
0010	275+63	RT 20.6'	INL 41.1	1
0010	275+64	LT 15'	MH 41	1
0010	275+67.63	LT 95.3'	INL 57.2	1
0010	276+08.32	LT 129.1	INL 57.1	1
0010	276+19.81	LT 65'	INL 43.1	1
0010	276+24	LT 29'	MH 42	1
0010	276+24.86	LT 68.2'	MH 43	1
0010	276+33.96	RT 76.2'	INL 42.1	1
0010	276+40.13	LT 128.4'	MH 57	1
0010	276+43.07	LT 174.5'	MH 58	1
0010	277+72	LT 26.5'	MH 44	1
0010	277+17.33	RT 19.4'	INL 44.5	1
0010	277+36.62	LT 29'	INL 42.2	1
0010	277+60	RT 18.3'	INL 44.4	1
0010	277+66	LT 1.5'	INL 44.3	1
0010	277+69	LT 16'	INL 44.2	1

CONTINUED ON NEXT COLUMN

CONSTRUCTION STAKING STORM SEWER
(CONTINUED FROM PREVIOUS COLUMN)

CATEGORY	STATION	LOCATION	STRUCTURE ID	650.4000 EACH
0010	277+75	LT 36.1'	INL 44.1	1
0010	10+00'D'	CL	OUTLET 58	1
0010	10+55'D'	0'	MH 59	1
0010	281+57	LT 17'	MH 45	1
0010	281+57	RT 21.5'	INL 45.4	1
0010	281+57	LT 1.5'	INL 45.3	1
0010	281+57	LT 9.5'	INL 45.2	1
0010	281+57	LT 32.5'	INL 45.1	1
0010	283+57	LT 17'	MH 46	1
0010	283+57	RT 21.5'	INL 46.4	1
0010	283+57	LT 1.5'	INL 46.3	1
0010	283+57	LT 9.5'	INL 46.2	1
0010	283+57	LT 32.5'	INL 46.1	1
0010	284+76	LT 17'	MH 47	1
0010	16+80'D'	RT 4'	OF 47	1
0010	17+86'D'	RT 4'	OF 49	1
0010	286+00	RT 53'	INLET 48	1
0010	286+13	LT 37.9'	MH 49	1
0010	286+14	LT 18'	INL 49.2	1
0010	286+15	LT 1.5'	INL 49.1	1
0010	286+16	RT 19.6'	MH 48	1
0010	286+44.23	LT 33.5'	INL 49.3	1
0010	286+55.85	LT 21.2'	INL 48.1	1
0010	287+09	LT 36'	MH 50	1
0010	287+14	RT 102.9'	INL 51.1	1
0010	287+42.72	RT 94.4'	MH 51	1
0010	287+62.28	RT 94.8'	INL 51.2	1
0010	287+75.25	LT 38.4'	INL 52.1	1
0010	287+77.62	LT 33'	MH 52	1
0010	288+24	LT 22'	MH 53	1
0010	288+41	LT 46.9'	INL 53.1	1
0010	290+55	RT 21.6'	INL 54.3	1
0010	290+55	LT 1.4'	INL 54.2	1
0010	290+55	LT 9.4'	MH 54	1
0010	290+55	LT 37.5'	INL 54.1	1
0010	292+56.0	RT 21.5'	INL 60.1	1
0010	293+90.3	RT 21.5'	INL 60.2	1
0010	295+25.3	RT 6.5'	MH 60	1
0010	295+25.3	RT 21.5'	INL 60.3	1
0010	296+50.7	RT 21.5'	INL 61.1	1
0010	297+67.7	RT 26.9'	INL 61.2	1
0010	297+69.3	RT 5'	MH 61	1
0010	298+63.1	RT 20.5'	MH 62	1
0010	298+63.1	LT 50.5'	MH 64	1
0010	298+63.1	LT 127'	MH 65	1
0010	298+63.2	RT 30.5'	INL 62.3	1
0010	299+93.8	LT 195'	MH 66	1
0010	299+93.8	LT 258'	OF 7	1
0010	110+76.2'ZH'	RT 37.6'	INL 62.2	1
0010	110+87.4'ZH'	RT 19.8'	INL 62.1	1
0010	110+63.8'ZH'	LT 23.3'	INL 63.1	1
0010	300+45.6	RT 41'	INL 63.2	1
0010	300+48.2	RT 20'	MH 63	1
0010	349+06.0	RT 23.5'	INL 67.1	1
0010	350+70	RT 23.5'	INL 67.2	1
0010	350+95.6	LT 43.5'	INL 67.4	1
0010	352+28.5	RT 26.6'	INL 67.3	1
0010	352+35.6	LT 43.5'	INL 67.5	1
0010	353+70	LT 44.1'	INL 67.6	1
0010	353+70.5	RT 31.8'	MH 67	1
0010	353+74.8	LT 63.8'	INL 67.7	1
0010	354+91.5	RT 52'	OF 8	1
0010	367+50	RT 68.5'	OF 9	1
0010	367+51	RT 36'	MH 68	1
0010	369+72	RT 30'	MH 69	1
0010	71+00'EW'	LT 13.5'	MH 70	1
0010	72+54.3'EW'	LT 45.2'	INL 70.2	1
0010	73+14.5'EW'	LT 37.9'	INL 70.1	1
0010	371+40.3	RT 47.4'	MH 71	1
0010	371+57.8	RT 58.1'	INTAKE 702.0	1
0010	372+00	LT 87'	INL 71.1	1
0010	378+25	RT 34.5'	INL 73	1
0010	378+25	RT 34.5'	OF 10	1
TOTAL 0010				158

CONSTRUCTION STAKING SUBGRADE & BASE

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	REMARKS
0010	210+25	-	331+05	RT (NB)	12080	12080	MAINLINE
0010	210+25	-	331+05	LT (SB)	12080	12080	MAINLINE
0010	10+50'Q'	-	12+78'Q'	LT/RT	228	228	QUINCY
0010	219+50	-	223+25	LT (SB)	375	375	SOUTH OVERLOOK
0010	20+25'R'	-	21+50'R'	LT/RT	125	125	ROYAL
0010	30+25'S'	-	31+01'S'	LT/RT	76	76	SPRUCE
0010	40+50'T'	-	42+25'T'	LT/RT	175	175	TROY
0010	237+75	-	241+00	LT(SB)	325	325	NORTH OVERLOOK
0010	50+40'SR'	-	51+85'SR'	LT/RT	145	145	SCHNICK
0010	78+55'KS'	-	79+50'KS'	LT/RT	95	95	KRAMER
0010	80+25'KS'	-	81+98'KS'	LT/RT	173	173	SUNSET VISTA (S)
0010	4+50'F'	-	5+75'F'	LT/RT	125	125	FISHERMANS
0010	149+50'RS'	-	151+50'RS'	LT/RT	200	200	SUNSET VISTA (N)
0010	152+85'RS'	-	155+52'RS'	LT/RT	267	267	RIDERS CLUB
0010	91+00'M'	-	93+90'RS'	LT/RT	290	290	MASON
0010	104+50'ZH'	-	110+00'ZH'	LT/RT	550	550	CTH Z
0010	110+50'ZH'	-	111+43'ZH'	LT/RT	93	93	HILLTOP
0010	115+40'W'	-	116+15'W'	LT/RT	75	75	WESTVIEW
0010	125+50'C'	-	126+25'C'	LT/RT	75	75	CLOVERDALE
0010	135+50	-	137+00	LT/RT	150	150	ACCESS TO STA 325+50 NB LT
0010	137+50'PL'	-	138+71'PL'	LT/RT	121	121	PENNY
0010	342+50	-	392+00	RT (NB)	4950	4950	MAINLINE
0010	342+50	-	389+00	LT (SB)	4650	4650	MAINLINE
0010	140+48'US'	-	141+18'US'	LT/RT	70	70	ULMAN
0010	141+75'US'	-	142+62'US'	LT/RT	87	87	SPRUCE
0010	96+23'SD'	-	96+75'SD'	LT/RT	52	52	SCOTT
0010	181+25'SL'	-	182+30'SL'	LT/RT	105	105	SPRING
0010	68+00'EW'	-	69+75'EW'	LT/RT	175	175	EVERGREEN
0010	70+50'EW'	-	74+04'EW'	LT/RT	354	354	WALDEN
0010	10+25'NC'	-	10+74'NC'	LT/RT	49	49	NORTH COURT
0010	200+75'PD'	-	202+50'PD'	LT/RT	175	175	PINEVIEW
0010	35+25'CS'	-	37+60'CS'	LT/RT	235	235	CUL-DE-SAC
0010	393+29	-	396+50	LT (SB)	321	321	RT TURN LANE CTH OT
TOTAL 0010					39046	39046	

CONSTRUCTION STAKING PIPE CULVERTS

CATEGORY	STATION	LOCATION	650.6000 EACH	REMARKS
0010	257+75	LT	1	SUNSET VISTA
0010	78+20'KS'	CROSS	1	KRAMER
0010	263+96.5	RT	1	EXTENSION ON RT SIDE
0010	310+00	CROSS	1	MAINLINE
0010	315+21	CROSS	1	MAINLINE
0010	319+75	CROSS	1	MAINLINE
0010	321+92	RT	1	CLOVERDALE
0010	325+62	LT	1	ACCESS AT STA 325+50 NB LT
0010	138+00'P'	CROSS	1	EXTEND EXISTING
0010	359+23	CROSS	1	MAINLINE
0010	365+18	RT	1	SPRING
0010	202+12'PD'	CROSS	1	PINEVIEW
TOTAL 0010			12	

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CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER

650.5500

CATEGORY	STATION	TO	STATION	LOCATION	LF
0010	210+25	-	216+97	RT, EDGE	794
0010	210+35	-	220+43	LT, EDGE	1041
0010	216+10	-	216+83	LT,EDGE	167
0010	11+58'Q'	-	12+78'Q'	RT, EDGE	120
0010	11+58'Q'	-	12+78'Q'	LT, EDGE	120
0010	217+25	-	222+14	RT, EDGE	605
0010	217+50	-	220+17	LT, ISLAND	552
0010	219+85	-	222+25	LT, EDGE/ISLAND	499
0010	20+96'R'	-	21+50'R'	RT, EDGE	54
0010	20+96'R'	-	21+50'R'	LT, EDGE	54
0010	222+44	-	229+61	RT, EDGE	793
0010	222+85	-	224+15	LT, EDGE	166
0010	224+64	-	226+42	LT, ISLAND	374
0010	230+05	-	237+58	RT, EDGE	836
0010	231+00	-	232+31	LT, ISLAND	278
0010	40+83'T'	-	41+35'T'	LT, EDGE	53
0010	40+88'T'	-	42+18'T'	RT, EDGE	131
0010	238+00	-	246+48	RT, EDGE	878
0010	239+55	-	241+12	LT, ISLAND	332
0010	243+41	-	246+37	LT, ISLAND	611
0010	246+48	-	246+88	RT, CURB RETURN	68
0010	247+25	-	247+55	RT, CURB RETURN	47
0010	247+55	-	257+38	RT, EDGE	984
0010	249+04	-	250+78	LT, ISLAND	364
0010	253+81	-	254+84	LT, ISLAND	225
0010	257+38	-	257+73	RT, CURB RETURN	58
0010	258+04	-	258+29	RT, CURB RETURN	39
0010	260+14	-	267+12	LT, ISLAND	1412
0010	270+90	-	275+94	LT, EDGE	654
0010	272+55	-	276+32	RT, EDGE	605
0010	273+18	-	275+78	LT, SPLITTER ISLAND	538
0010	275+53			LT, PED CROSSING	37
0010	151+02'RS'	-	151+44'RS'	LT, SPLITTER ISLAND	105
0010	151+18'RS'			LT, PED CROSSING	40
0010	152+89'RS'	-	153+23'RS'	RT, SPLITTER ISLAND	76
0010	153+10'RS'			RT, PED CROSSING	20
0010	275+97	-	277+00	TRUCK APRON	321
0010	276+10	-	277+87	INNER CIRCLE	242
0010	276+35	-	290+71	LT, EDGE	1507
0010	276+56	-	287+64	RT, EDGE	1521
0010	277+23	-	286+60	LT, SPLITTER ISLAND	1900
0010	277+48			LT, PED CROSSING	44
0010	286+30			LT, PED CROSSING	46
0010	286+76	-	287+72	TRUCK APRON	333
0010	286+89	-	287+69	INNER CIRCLE	255
0010	90+98'M'	-	91+43'M'	LT, SPLITTER ISLAND	98
0010	91+23'M'			LT, PED CROSSING	31
0010	287+60	-	299+13	RT, EDGE	1382
0010	288+16	-	290+64	LT, SPLITTER ISLAND	526
0010	288+33			LT, PED CROSSING	43

CONTINUED ON NEXT COLUMN

CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER
(CONTINUED FROM PREVIOUS COLUMN)

650.5500

CATEGORY	STATION	TO	STATION	LOCATION	LF
0010	294+51	-	295+81	LT, SPLITTER ISLAND	279
0010	299+13	-	299+51	RT, CURB RETURN	51
0010	299+82	-	300+21	RT, CURB RETURN	55
0010	104+50'ZH'	-	109+68'ZH	RT, CTH Z	518
0010	310+87	-	313+06	LT, ISLAND	456
0010	313+12	-	313+41	RT, CURB RETURN	53
0010	313+73	-	314+03	RT, CURB RETURN	42
0010	315+28	-	317+05	LT, ISLAND	372
0010	321+43	-	321+77	RT, CURB RETURN	63
0010	322+13	-	322+42	RT, CURB RETURN	41
0010	324+15	-	325+10	RT, EDGE	189
0010	325+67	-	327+50	RT, EDGE	195
0010	327+68	-	331+03	LT, ISLAND	693
0010	342+50	-	351+34	LT, ISLAND	1798
0010	345+30	-	353+60	RT, EDGE	830
0010	345+30	-	353+81	LT, EDGE	852
0010	352+71	-	353+87	LT, ISLAND	242
0010	353+60	-	354+04	RT, CURB RETURN	78
0010	353+82	-	354+10	LT, CURB RETURN	57
0010	354+37	-	354+86	RT, CURB RETURN	72
0010	354+55	-	356+20	LT, CURB RETURN	217
0010	354+73	-	361+82	LT, ISLAND	1428
0010	362+38	-	364+62	LT, EDGE	249
0010	362+49	-	364+75	LT, ISLAND	465
0010	364+74	-	365+03	RT, CURB RETURN	52
0010	365+39	-	365+89	RT, CURB RETURN	72
0010	365+61	-	370+74	LT, ISLAND	1036
0010	370+30	-	370+84	RT, CURB RETURN	84
0010	371+28	-	371+77	RT, CURB RETURN	68
0010	371+64	-	375+66	LT, ISLAND	814
0010	378+01	-	386+51	LT, ISLAND	1708
0010	386+34	-	386+69	LT, CURB RETURN	56
0010	386+94	-	390+10	LT, CURB RETURN	342
0010	387+01	-	392+02	LT, ISLAND	716
				TOTAL 0010	36222

CONSTRUCTION STAKING SLOPE STAKES

650.9920

CATEGORY	STATION	TO	STATION	LOCATION	LF	REMARKS
0010	210+25	-	331+05	RT (NB)	12080	MAINLINE
0010	210+25	-	331+05	LT (SB)	12080	MAINLINE
0010	10+50'Q'	-	12+78'Q'	LT/RT	228	QUINCY
0010	219+50	-	223+25	LT (SB)	375	SOUTH OVERLOOK
0010	20+25'R'	-	21+50'R'	LT/RT	125	ROYAL
0010	30+25'S'	-	31+01'S'	LT/RT	76	SPRUCE
0010	40+50'T'	-	42+25'T'	LT/RT	175	TROY
0010	237+75	-	241+00	LT(SB)	325	NORTH OVERLOOK
0010	50+40'SR'	-	51+85'SR'	LT/RT	145	SCHNICK
0010	78+55'KS'	-	79+50'KS'	LT/RT	95	KRAMER
0010	80+25'KS'	-	81+98'KS'	LT/RT	173	SUNSET VISTA (S)
0010	4+50'F'	-	5+75'F'	LT/RT	125	FISHERMANS
0010	149+50'RS'	-	151+50'RS'	LT/RT	200	SUNSET VISTA (N)
0010	152+85'RS'	-	155+52'RS'	LT/RT	267	RIDERS CLUB
0010	91+00'M'	-	93+90'RS'	LT/RT	290	MASON
0010	104+50'ZH'	-	110+00'ZH'	LT/RT	550	CTH Z
0010	110+50'ZH'	-	111+43'ZH'	LT/RT	93	HILLTOP
0010	115+40'W'	-	116+15'W'	LT/RT	75	WESTVIEW
0010	125+50'C'	-	126+25'C'	LT/RT	75	CLOVERDALE
0010	135+50	-	137+00	LT/RT	150	ACCESS TO STA 325+50 NB LT
0010	137+50'PL'	-	138+71'PL'	LT/RT	121	PENNY
0010	342+50	-	392+00	RT (NB)	4950	MAINLINE
0010	342+50	-	389+00	LT (SB)	4650	MAINLINE
0010	140+48'US'	-	141+18'US'	LT/RT	70	ULMAN
0010	141+75'US'	-	142+62'US'	LT/RT	87	SPRUCE
0010	96+23'SD'	-	96+75'SD'	LT/RT	52	SCOTT
0010	181+25'SL'	-	182+30'SL'	LT/RT	105	SPRING
0010	68+00'EW'	-	69+75'EW'	LT/RT	175	EVERGREEN
0010	70+50'EW'	-	74+04'EW'	LT/RT	354	WALDEN
0010	10+25'NC'	-	10+74'NC'	LT/RT	49	NORTH COURT
0010	200+75'PD'	-	202+50'PD'	LT/RT	175	PINEVIEW
0010	35+25'CS'	-	37+60'CS'	LT/RT	235	CUL-DE-SAC
0010	393+29	-	137+00	LT/RT	321	RT TURN LANE CTH OT
				TOTAL 0010	39046	

CONSTRUCTION STAKING STRUCTURE LAYOUT (STRUCTURE) 01. B-32-09

650.6500

CATEGORY	STATION	LOCATION	LS	REMARKS
0010	366+40	LT/RT	1	B-32-09 EXTENSION
		TOTAL 0010	1	

CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 01. 7190-06-71

650.8500

CATEGORY	LOCATION	LS	REMARKS
0010	PROJECT LIMITS	1	
	TOTAL 0010	1	

CONSTRUCTION STAKING ARCHAEOLOGICAL UTILITY LAYOUT

SPV.0090.09

CATEGORY	STATION	TO	STATION	LOCATION	LF	REMARKS
0010	259+00	-	268+00	LT	90	MAINLINE-FORCEMAIN (47LC826)
0010	275+50	-	290+00	LT	1500	MAINLINE/ROUNDABOUTS-FORCEMAIN (47LC827)
0010	275+50	-	290+00	LT/RT	550	MAINLINE/ROUNDABOUTS-STORM (47LC827)
0010	391+00	-	329+00	LT	150	MAINLINE-FORCEMAIN (47LC359)
0010				MAINLINE	300	SITES 47LC397 AND 47LC389
				TOTAL 0010	2590	

CONSTRUCTION STAKING ARCHAEOLOGICAL SUB-GRADE LIMIT

SPV.0105.03

CATEGORY	LOCATION	LS
0010	PROJECT LIMITS	1
	TOTAL 0010	1

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 7190-06-71

650.9910

CATEGORY	LOCATION	LS	REMARKS
0010	PROJECT LIMITS	1	
	TOTAL 0010	1	

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CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH

	EQUIPMENT LOCATION		652.0225	
CATEGORY	FROM	TO	LF	REMARKS
0010	LC-1	PB-8	22	
0010	PB-8	PB-7	115	
0010	PB-2	LP-2	6	
0010	PB-2	PB-5	205	
0010	PB-5	LP-5	30	
0010	PB-5	LP-6	30	
0010	PB-5	PB-7	67	
0010	PB-7	LP-7	24	
0010	PB-7	PB-8	110	
0010	PB-8	LP-8	27	
0010	PB-8	PB-6	31	
0010	PB-6	PB-9	31	
0010	PB-9	LP-9	23	
0010	PB-9	PB-10	100	
0010	PB-10	LP-10	22	
0010	PB-10	PB-4	96	
0010	PB-4	LP-4	5	
0010	PB-4	PB-3	56	
0010	PB-3	LP-3	16	
0010	PB-3	PB-1	221	
0010	PB-1	LP-1	5	
0010	PB-6	PB-11	155	
0010	PB-11	LP-11	10	
0010	PB-11	PB-12	185	
0010	PB-12	LP-12	10	
0010	PB-12	PB-13	185	
0010	PB-13	LP-13	10	
0010	PB-13	PB-14	175	
0010	PB-14	LP-14	10	
0010	PB-14	PB-25	156	
0010	PB-25	PB-15	36	
0010	PB-15	LP-15	25	
0010	PB-15	PB-16	50	
0010	PB-16	LP-16	16	
0010	PB-16	PB-24	35	
0010	PB-24	PB-17	65	
0010	PB-17	LP-17	28	
0010	PB-17	PB-18	56	
0010	PB-18	LP-18	18	
0010	PB-18	PB-22	156	
0010	PB-22	LP-22	5	
0010	PB-25	PB-19	35	
0010	PB-19	LP-19	15	
0010	PB-19	PB-20	104	
0010	PB-20	LP-20	18	
0010	PB-20	PB-21	110	
0010	PB-21	LP-21	14	
0010	PB-21	PB-23	205	
0010	PB-23	LP-23	5	
0010	336+04	335+95	10	EXISTING PB1 TO SB1*
0010	337+19	337+49	36	EXISTING PB2 TO SB2*
TOTAL 0010			3180	

*STH 35 & CTH OT MONOTUBE

CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH

	EQUIPMENT LOCATION		652.0335
CATEGORY	FROM	TO	LF
0010	150+72.3, 23.8' RT	150+95.7, 41.8'LT	70
TOTAL 0010			70

LIGHTING CONTROL SUMMARY

CATEGORY	CABINET NO.	STATION	LOCATION	SPV.0060.14 LIGHTING CONTROL CABINET EACH	SPV.0060.16 CONCRETE CONTROL CABINET BASES TYPE SPECIAL EACH
0010	LC-1	277+70.5	59.9' LT	1	1
TOTAL 0010				1	1

SIGNAL WIRE (STH 35 & CTH OT MONOTUBE)

CATEGORY	STATION		STATION	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	REMARKS
0010	335+95			61			SB1 - UP POLE
0010	337+49			61			SB2 - UP POLE
0010	336+09	-	335+95		48		EXISTING SC1 TO SB2
0010	336+09	-	337+49		303		EXISTING SC1 TO SB2
0010	336+09	-	335+95			48	EXISTING SC1 TO SB1
0010	336+09	-	337+49			303	EXISTING SC1 TO SB2
TOTAL 0010				122	351	351	

CONCRETE BASES TYPE 13

CATEGORY	STATION	DIR	LOCATION	654.0113 EACH	REMARKS
0010	335+95	LEFT	59	1	SB1
0010	337+49	RIGHT	37	1	SB2
TOTAL 0010				2	

POLES, ARMS, & EQUIPMENT (STH 35 & CTH OT MONOTUBE)

CATEGORY	STATION	DIR	LOCATION	657.1360 INSTALL POLES TYPE 13 EACH	657.1545 INSTALL MONOTUBE ARMS 45-FT EACH	657.1815 INSTALL LUMINAIRE ARMS STEEL 15-FT EACH	658.0110 TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL EACH	658.0115 TRAFFIC SIGNAL FACE 4-12 INCH VERTICAL EACH	658.0215 BACKPLATES SIGNAL FACE 3-12 INCH VERTICAL EACH	658.0220 BACKPLATES SIGNAL FACE 4-12 INCH VERTICAL EACH	659.1125 LUMINAIRES UTILITY LED C EACH	REMARKS
0010	335+95	LEFT	59	1	1	2	1	1	1	1	1	SB1
0010	337+49	RIGHT	37	1	1	1	1	1	1	1	1	SB2
TOTAL 0010				2	2	3	2	2	2	2	2	

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STREET LIGHTING SUMMARY (POLE LUMINAIRE)

CATEGORY	BASE NO.	STATION	LOCATION	654.0105 CONCRETE BASES TYPE 5 EACH	655.0610 *ELECTRICAL WIRE LIGHTING (POLE LUMINAIRE) 12 AWG LF	655.0610 *ELECTRICAL WIRE LIGHTING (POLE LUMINAIRE) 12 AWG (GROUND) LF	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0710 LUMINAIRE ARMS TRUSS-TYPE 4 1/2-INCH CLAMP 12-FT EACH	657.0715 LUMINAIRE ARMS TRUSS-TYPE 4 1/2-INCH CLAMP 15-FT EACH	659.1120 LUMINAIRES UTILITY LED B EACH
0010	LP-1	273+00.7	26.2' RT	1	90	45	1	1	---	1	1
0010	LP-2	274+21.0	33.7' LT	1	90	45	1	1	---	1	1
0010	LP-3	275+24.4	38.2' RT	1	90	45	1	1	---	1	1
0010	LP-4	275+88.5	53.9' RT	1	90	45	1	1	---	1	1
0010	LP-5	275+54.9	70.5' LT	1	90	45	1	1	---	1	1
0010	LP-6	275+56.1	119.5' LT	1	90	45	1	1	---	1	1
0010	LP-7	276+71.3	129.1' LT	1	90	45	1	1	---	1	1
0010	LP-8	277+88.4	52.0' LT	1	90	45	1	1	---	1	1
0010	LP-9	277+37.4	34.0' RT	1	90	45	1	1	---	1	1
0010	LP-10	276+73.9	96.1' RT	1	90	45	1	1	---	1	1
0010	LP-11	279+30.7	4.9' LT	1	168	84	1	1	2	---	2
0010	LP-12	281+22.5	4.45' LT	1	168	84	1	1	2	---	2
0010	LP-13	283+09.1	4.73'LT	1	168	84	1	1	2	---	2
0010	LP-14	284+88.9	4.84' LT	1	168	84	1	1	2	---	2
0010	LP-15	286+02.7	37.7' RT	1	90	45	1	1	---	1	1
0010	LP-16	286+68.1	65.5' RT	1	90	45	1	1	---	1	1
0010	LP-17	287+79.8	101.7' RT	1	90	45	1	1	---	1	1
0010	LP-18	288+03.1	40.1' RT	1	90	45	1	1	---	1	1
0010	LP-19	286+66.1	72.0' LT	1	90	45	1	1	---	1	1
0010	LP-20	287+52.5	105.5' LT	1	90	45	1	1	---	1	1
0010	LP-21	288+71.5	50.6' LT	1	90	45	1	1	---	1	1
0010	LP-22	289+66.3	24.1' RT	1	90	45	1	1	---	1	1
0010	LP-23	290+68.3	43.8' LT	1	90	45	1	1	---	1	1
			SUBTOTALS		2382	1191					
			TOTAL 0010	23	3573		23	23	8	19	27

*ADDITIONAL QUANTITIES SHOWN IN ELECTRICAL WIRE LIGHTING TABLE

PULL BOXES

CATEGORY	PULL BOX NO.	STATION	LOCATION	653.0135 24X36-INCH EACH	653.0140 24X42-INCH EACH
0010	PB-1	273+09.0	25.3' RT	1	---
0010	PB-2	274+34.0	33.5' LT	1	---
0010	PB-3	275+37.9	22.8' RT	1	---
0010	PB-4	275+87.6	61.1' RT	---	1
0010	PB-5	275+66.0	95.4' LT	---	1
0010	PB-6	277+57.0	10.5' LT	---	1
0010	PB-7	276+44.8	128.4 LT	1	---
0010	PB-8	277+61.4	48.3' LT	---	1
0010	PB-9	277+56.9	21.8' RT	---	1
0010	PB-10	276+85.9	64.9' RT	---	1
0010	PB-11	279+25.3	6.47' LT	1	---
0010	PB-12	281+17.1	6.07' LT	1	---
0010	PB-13	283+03.7	6.35' LT	1	---
0010	PB-14	284+83.5	6.46' LT	1	---
0010	PB-15	286+39.3	23.7' RT	---	1
0010	PB-16	287+79.0	52.5' RT	1	---
0010	PB-17	287+69.7	72.4' RT	---	1
0010	PB-18	288+02.9	27.8' RT	1	---
0010	PB-19	286+28.9	52.7' LT	---	1
0010	PB-20	287+38.3	94.0' LT	1	---
0010	PB-21	288+60.3	39.9' LT	1	---
0010	PB-22	289+59.0	39.9' RT	1	---
0010	PB-23	290+61.9	42.9' LT	1	---
0010	PB-24	287+00.1	84.4' RT	---	1
0010	PB-25	286+38.2	15.8' LT	---	1
			TOTAL 0010	14	11

ELECTRICAL WIRE LIGHTING

CATEGORY	LOCATION FROM	LOCATION TO	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG (GROUND) LF	655.0610 *ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0610 *ELECTRICAL WIRE LIGHTING 12 AWG (GROUND) LF
0010	LC-1	LP-7	---	---	364	182
0010	LP-7	LP-6	---	---	312	156
0010	LP-6	LP-5	---	---	138	69
0010	LP-5	LP-2	---	---	500	250
0010	LC-1	LP-8	---	---	316	158
0010	LC-1	LP-9	---	---	280	140
0010	LP-9	LP-10	---	---	392	196
0010	LP-10	LP-4	---	---	310	155
0010	LP-4	LP-3	---	---	190	95
0010	LP-3	LP-1	---	---	540	270
0010	LC-1	LP-11	558	279	---	---
0010	LP-11	LP-12	398	199	---	---
0010	LP-12	LP-13	408	204	---	---
0010	LP-13	LP-14	402	201	---	---
0010	LP-14	LP-19	502	---	---	---
0010	LP-19	LP-20	324	162	---	---
0010	LP-20	LP-21	314	157	---	---
0010	LP-21	LP-23	496	248	---	---
0010	LC-1	LP-11	558	---	---	---
0010	LP-11	LP-12	398	---	---	---
0010	LP-12	LP-13	408	---	---	---
0010	LP-13	LP-14	402	---	---	---
0010	LP-14	LP-15	510	255	---	---
0010	LP-15	LP-19	---	145	---	---
0010	LP-15	LP-16	---	120	---	---
0010	LP-16	LP-17	---	177	---	---
0010	LP-17	LP-18	---	121	---	---
0010	LP-18	LP-22	---	203	---	---
		SUBTOTALS	5678	2471	3342	1671
		TOTAL 0010	11356		5013	

*ADDITIONAL QUANTITIES SHOWN IN STREET LIGHTING SUMMARY (POLE LUMINAIRE) TABLE

3

SAWING ASPHALT

690.0150

CATEGORY	STATION	TO	STATION	LOCATION	LF	REMARKS
0010	12+78'Q'			LT/RT	36	QUINCY
0010	21+50'R'			LT/RT	32	ROYAL
0010	31+01'S'			LT/RT	36	SPRUCE
0010	42+25'T'			LT/RT	32	TROY
0010	51+85'SR'			LT/RT	22	SCHNICK
0010	78+55'KS'			LT/RT	16	KRAMER
0010	81+98'KS'			LT/RT	22	SUNSET VISTA (S)
0010	149+50'RS'			LT/RT	70	SUNSET VISTA (N), INCLUDES DRIVEWAY
0010	155+52'RS'			LT/RT	38	RIDERS CLUB
0010	93+90'M'			LT/RT	49	MASON
0010	104+50'ZH'			LT/RT	45	CTH Z
0010	111+43'ZH'			LT/RT	28	HILLTOP
0010	116+15'W'			LT/RT	28	WESTVIEW
0010	126+25'C'			LT/RT	22	CLOVERDALE
0010	135+50			LT/RT	18	ACCESS TO STA 325+50 NB LT
0010	137+82'PL'		138+71'PL'	LT/RT	134	PENNY
0010	140+48'US'		141+85'US'	LT/RT	108	ULMAN
0010	142+62'US'			LT/RT	28	SPRUCE
0010	96+29'SD'			LT/RT	68	SCOTT
0010	182+30'SL'			LT/RT	28	SPRING
0010	68+00'EW'			LT/RT	30	EVERGREEN
0010	74+04'EW'			LT/RT	36	WALDEN
0010	10+84'NC'			LT/RT	325	NORTH COURT
0010	200+75'PD'			LT/RT	24	PINEVIEW
0010	393+30			LT (SB)	12	RT TURN LANE CTH OT
0010	396+00			LT (SB)	8	RT TURN LANE CTH OT
0010				PROJECT	2172	STAGE 1
0010				PROJECT	10195	STAGE 3
0010				PROJECT	1265	ASPHALT DRIVEWAYS AND PARKING LOTS
				TOTAL 0010	14927	

SAWING CONCRETE

690.0250

CATEGORY	STATION	TO	STATION	LOCATION	LF	REMARKS
0010			216+35	LT & RT	22	MH3 Pipe Extension
0010			221+00	LT & RT	11	Stage One
0010	227+00	-	237+51	LT	1073	Stage One
0010	248+75	-	256+00	LT	731	Stage One
0010			286+10	RT	11	Stage One
0010			288+48	LT	11	Stage One
0010			298+75	LT	22	MH62 Pipe Extension
0010			302+50	LT	11	Stage One
0010			304+25	LT	11	Stage One
0010			307+00	LT & RT	22	Stage One
0010			322+00	LT	11	Stage One
0010			355+99	LT	11	Stage One
0010	364+00	-	371+00	LT	708	Stage One
0010	377+25	-	377+75	RT	50	Driveway
0010			331+03	RT	14	NB Match
0010			331+05	LT	14	SB Match
0010			342+50	LT & RT	28	NB and SB Match
0010			289+00	LT	12	SB Match
0010			392+00	RT	15	NB Match
				TOTAL 0010	2788	

CONCRETE CUTOFF WALL

SPV.0060.15

CATEGORY	STRUCTURE NO.	STATION	LOCATION	EACH	REMARKS
0010	OUTLET 58	278+50	LT 165'	1	24" PIPE
0010	OUTLET 47	284+90	LT 99.6'	1	15" PIPE
0010	OUTLET 49	285+92	LT 75.9'	1	24" PIPE
0010	INLET 48	286+00	RT 52'	1	15" PIPE
			TOTAL 0010	4	

STORM SEWER TAP

SPV.0060.17

CATEGORY	STATION	LOCATION	STRUCTURE ID	EACH	REMARKS
0010	229+98	RT 31'	EXIST NEAR MH 9	1	30-INCH SSPRC
0010	233+22.9	LT 154.4'	MH 15	1	48-INCH SSPRC
0010	237+88	RT 31'	EXIST NEAR MH 20	1	42-INCH SSPRC
0010	246+93.7	RT 52.9'	MH 26	2	12-INCH AND 24-INCH SSPRC
0010	10+05'D'	0'	OUTLET 59	1	15-INCH SSPRC
			TOTAL 0010	6	

MANHOLE JOINT CONVERSION

SPV.0060.20

CATEGORY	STATION	LOCATION	EACH
0010	229+98	RT	1
0010	237+88	RT	1
		TOTAL 0010	2

REINFORCED CONCRETE PIPE SLOPE COLLAR

SPV.0060.21

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	233+35.0	LT 66'	1	MIDWAY BETWEEN MH 13 AND MH 14
		TOTAL 0010	1	

STORM DRAINAGE ADJUSTMENT

SPV.0060.22

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	234+52	RT	1	8" PVC
0010	234+99	RT	1	6" FLEXIBLE CORRUGATED
0010	240+50	RT	1	12" PVC
0010	367+50	LT	1	12" CORRUGATED
		TOTAL 0010	4	

CLEANING BRIDGE BOX CULVERT B-32-09

SPV.0060.33

CATEGORY	STATION	LOCATION	EACH	REMARKS
0010	366+58	LT/RT	1	TWIN 8X10
		TOTAL 0010	1	

STORM SEWER CARRIER PIPE LINING

CATEGORY	STATION	TO	STATION	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SPV.0090.10 LF
0010	353+70	-	353+70	INL 67.6	MH 67	76
					TOTAL 0010	76

DITCH SHAPING

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.11 LF	REMARKS
0010	339+90	-	342+00	RT	210	MAINLINE DITCH DRAINAGE
0010	339+80	-	342+00	LT	160	MAINLINE DITCH DRAINAGE
0010	354+90	-	359+00	LT	410	MAINLINE EMBANKMENT
0010	384+25	-	390+50	RT	625	MAINLINE EMBANKMENT
0010	270+30	-	373+45	RT	130	STAGE 1 DRAINAGE
0010	277+40	-	279+30	RT	170	STAGE 1 DRAINAGE
0010	290+60	-	298+75	RT	695	STAGE 1 DRAINAGE
0010	301+30	-	305+00	RT	290	STAGE 1 DRAINAGE
				TOTAL 0010	2690	

MULTI-USE TRAIL MATCH GRADING

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.14 LF	REMARKS
0010	337+00	-	342+50	LT	605	CTH OT SOUTH AREA
0010	391+00	-	392+25	LT	145	CTH OT NORTH AREA
				TOTAL 0010	750	

INFILTRATION BASIN

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0105.01 LS
0010	10+00'D'	-	17+85'D'	LT/RT	1
				TOTAL 0010	1

RECTANGULAR RAPID FLASHING BEACON SYSTEM

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0105.02 LS
0050	219+96.3	-	220+07.3	LT/RT	1
				TOTAL 0050	1

ARCHAEOLOGICAL EXCAVATION

CATEGORY	LOCATION	SPV.0105.04 LS
0010	PROJECT LIMITS	1
	TOTAL 0010	1

POSTAL DELIVERY COORDINATION

CATEGORY	SPV.0105.05 LS
0010	1
TOTAL 0010	1

WALL MODULAR BLOCK GRAVITY LANDSCAPE LRFD

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0165.03 SF	REMARKS
0010	225+50.0	-	226+65.0	RT	433	WALL F MAINLINE
0010	242+69.0	-	245+70.0	RT	1420	WALL A MAINLINE
0010	248+12.0	-	251+10.0	RT	1587	WALL B MAINLINE
0010	251+56.0	-	255+25.0	RT	1647	WALL C MAINLINE
0010	154+62.5'RS'	-	155+06.0'RS'	LT	203	WALL D RIDERS CLUB
0010	362+42.3	-	364+55.0	LT	1273	WALL E MAINLINE
				TOTAL 0010	6563	

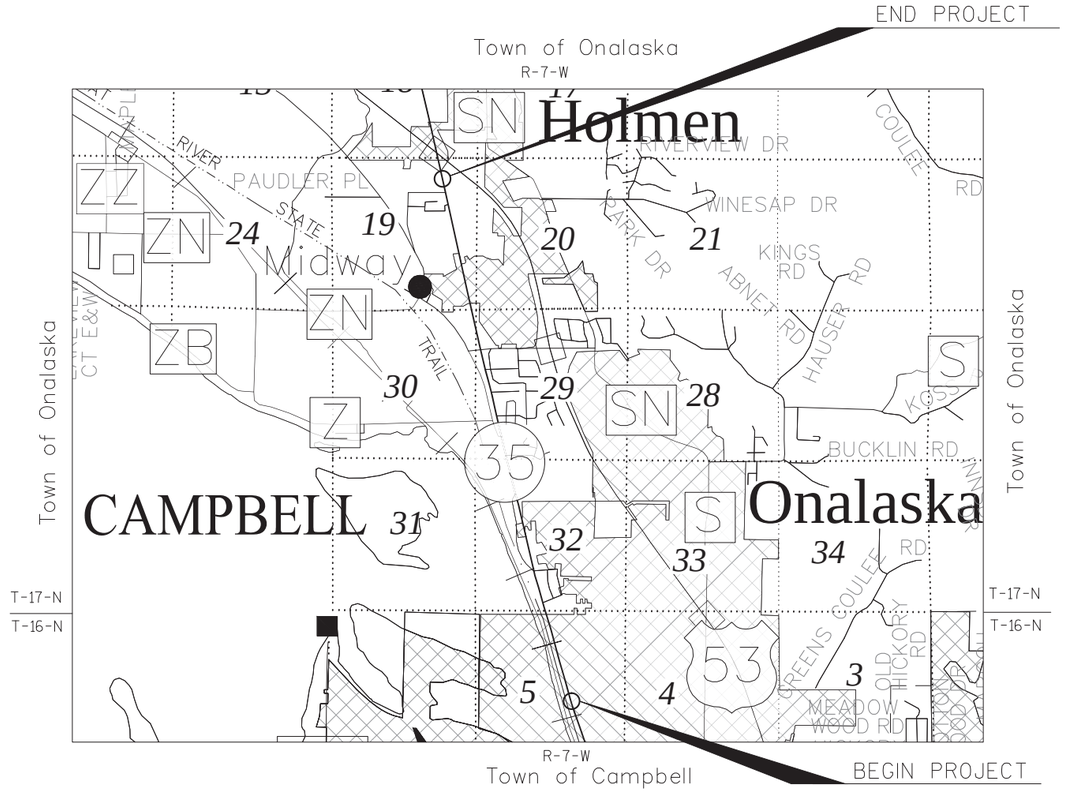
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION PROJECT PLAT TITLE SHEET

PROJECT NO. 7190-06-21

ONALASKA - USH 53
STH 35
LA CROSSE COUNTY





NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, LA CROSSE COUNTY, NAD 83 (97) IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR S.T.H. 35 ESTABLISHED FROM PREVIOUS PROJECTS T-08-3(10) & T 08-3(10)/0305-2-55

A **TEMPORARY LIMITED EASEMENT** (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLE'S EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A **PERMANENT LIMITED EASEMENT** (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHT TO MAKE OR CONSTRUCT IMPROVEMENT ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

A HIGHWAY EASEMENT (HE) IS AN EASEMENT FOR HIGHWAY PURPOSES, AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIREABLE.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS	ROR
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AND OTHERS	ET.AL.	SECTION	SEC.
CENTERLINE	C/L	SOUTHEAST	SE
CERTIFIED SURVEY MAP	CSM	SOUTHWEST	SW
CORNER	COR.	STATION	STA.
DOCUMENT	DOC.	TEMPORARY LIMITED EASEMENT	TLE
EASEMENT	EASE.	VOLUME	V.
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC	**CURVE DATA**	
LIFE ESTATE	LE	LONG CHORD	LCH
MONUMENT	MON.	LONG CHORD BEARING	LCB
NORTHEAST	NE	RADIUS	R
NORTHWEST	NW	DEGREE OF CURVE	D
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L
PROPERTY LINE	PL	TANGENT	TAN
RECORDED AS	(100')	POINT OF CURVATURE	PC
REFERENCE LINE	R/L	POINT OF INTERSECTION	PI
		POINT OF TANGENCY	PT

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	(1" UNLESS NOTED)	PROPOSED R/W LINE	
		EXISTING H.E. LINE	
R/W POINT, TO BE MONUMENTED		PROPERTY LINE	
R/W POINT, NON-MONUMENTED		LOT & TIE LINES	
R/W STANDARD	(SET)	SLOPE INTERCEPTS	
SIGN	ISIGN	CORPORATE LIMITS	
SECTION CORNER MONUMENT		NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	
SECTION CORNER SYMBOL		NO ACCESS (BY ACQUISITION)	
FEE (HATCH VARIES)		NO ACCESS (BY STATUTORY AUTHORITY)	
TEMPORARY LIMITED EASEMENT		SECTION LINE	
PERMANENT LIMITED EASEMENT		QUARTER LINE	
R/W BOUNDARY POINT	RWB20	SIXTEENTH LINE	
PARCEL NUMBER	102	EXISTING CENTERLINE	
UTILITY PARCEL NUMBER	92	PROPOSED REFERENCE LINE	
SIGN NUMBER (OFF PREMISE)	21-1	PARALLEL OFFSET	
BUILDING			

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD	OH
TRANSMISSION LINES ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS

	NON COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

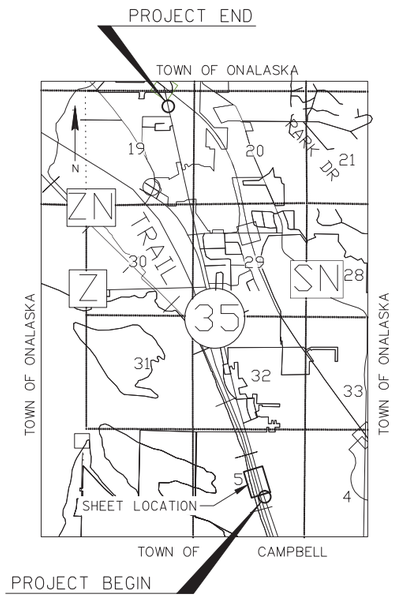
HIGHWAY DESIGNATIONS

COUNTY TRUNK HIGHWAY =
INTERSTATE HIGHWAY =
STATE TRUNK HIGHWAY =
UNITED STATES HIGHWAY =

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
1	DENNIS M. ROESLER	FEE,TLE	0.01	--	0.01	0.05	--
3	ZORAN MARKOVIC	FEE,TLE	0.02	--	0.02	0.05	--
4	LAKESIDE RESTAURANT INC.	TLE	--	--	--	0.03	--
5	CALVIN L. GROSSKOPF & SUSAN A. WISE	TLE	--	--	--	0.02	--
71	CITY OF ONALASKA	TLE	--	--	--	0.25	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.



COORDINATE TABLE – TLE POINTS				
PT.#	STATION	OFFSET	Y	X
150	214+34.47	58.32 LT	160264.56	448640.92
151	218+11.78	116.72 LT	160610.43	448470.91
152	222+70.39	66.26 RT	161102.27	448520.83
153	21+40.00	34.17 LT	161097.87	448590.10
155	21+60.00	40.00 RT	161022.54	448605.14
156	221+91.11	68.24 RT	161026.57	448544.46
157	217+79.61	78.07 RT	160634.37	448666.90
158	11+77.39	35.00 LT	160617.44	448762.00
159	12+80.00	35.00 LT	160618.09	448864.62
160	12+80.00	45.00 RT	160538.09	448865.12
161	216+73.33	90.24 RT	160537.10	448708.98
162	216+72.28	84.06 RT	160534.28	448703.38
163	223+33.42	64.68 RT	161162.46	448502.04

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
100 TO 101	N17°20'14"W	397.48'
101 TO 102	N89°36'56"E	20.91'
102 TO 103	N17°20'14"W	538.11'
103 TO 2005	N69°44'27"E	110.14'
2005 TO 104	S17°20'14"E	68.39'
104 TO 105	S86°22'04"E	72.47'
105 TO 106	S14°57'57"E	63.31'
106 TO 107	N86°22'04"W	69.66'
107 TO 108	S17°20'14"E	425.52'
108 TO 2052	S79°54'23"E	100.41'
2052 TO 109	N89°36'56"E	102.76'
109 TO 110	S0°21'45"E	60.00'
110 TO 111	S89°36'56"W	144.05'
111 TO 112	S63°15'38"W	22.41'
112 TO 113	S17°20'14"E	277.90'
113 TO 100	S71°07'05"W	140.05'

COORDINATE TABLE – FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2004	217+57.54	72.93 RT	160611.93	448668.19
2005	223+35.20	59.71 RT	161162.78	448496.70
2044	12+18.56	30.70 RT	160552.00	448803.59
2045	13+04.59	30.29 RT	160552.95	448889.61
2051	12+83.95	29.90 LT	160613.02	448868.60
2052	11+77.24	30.00 LT	160612.38	448761.89
2058	220+50.35	66.28 RT	160890.66	448581.15
2072	222+61.36	61.59 RT	161092.31	448518.81
2090	215+24.76	83.29 RT	160394.76	448746.89

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
ROBERT & DIANE CAMPBELL	DOC. # 1140049, VOL.1101, PG. 45	1
NORTHERN STATES POWER COMPANY	DOC. # 1182003, VOL. 1200, PG. 156	1
WISCONSIN TELEPHONE COMPANY & LACROSSE TELEPHONE COMPANY	VOL. 236, PG. 453	3 & 4
ZORAN MARKOVIC	DOC. # 1051740, VOL. 894, PG. 679	3 & 4

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	XCEL ENERGY – ELECTRIC	RELEASE OF RIGHTS
211	CENTURY LINK	RELEASE OF RIGHTS

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.01 AMENDMENT NO. 1

AMENDS UTILITY NUMBER 202; ADDS 211; AND REMOVES 203 AND 204 OF TRANSPORTATION PROJECT PLAT 7190-06-21 – 4.01 RECORDED AS DOCUMENT **#1647192.**

PARTS OF LOT 1, CSM V.9, P.116, DOC. 1264301, LOCATED IN GL2; LOT 1, CSM V.4, P.118, DOC. 1028108, LOCATED IN GL2; OUTLOT 36 OF THE ASSESSOR'S PLAT OF ONALASKA LOCATED IN GL2; LOT 5, BLOCK 7, SUNSET BOULEVARD ADDITION TO THE CITY OF ONALASKA, LOCATED IN GL3; LOT 6, BLOCK 9, SUNSET BOULEVARD ADDITION TO THE CITY OF ONALASKA, LOCATED IN GL3; AND OUTLOT 26 OF THE ASSESSOR'S PLAT OF ONALASKA LOCATED IN GL3; ALL LOCATED IN SECTION 5, T16N, R7W, ALL IN THE CITY OF ONALASKA, LA CROSSE COUNTY, WI.

RELOCATION ORDER STH 35, ONALASKA–USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1658571 FILED IN TPP CAB 67A WAS RECORDED IN LA CROSSE COUNTY

ON 6/25/2015

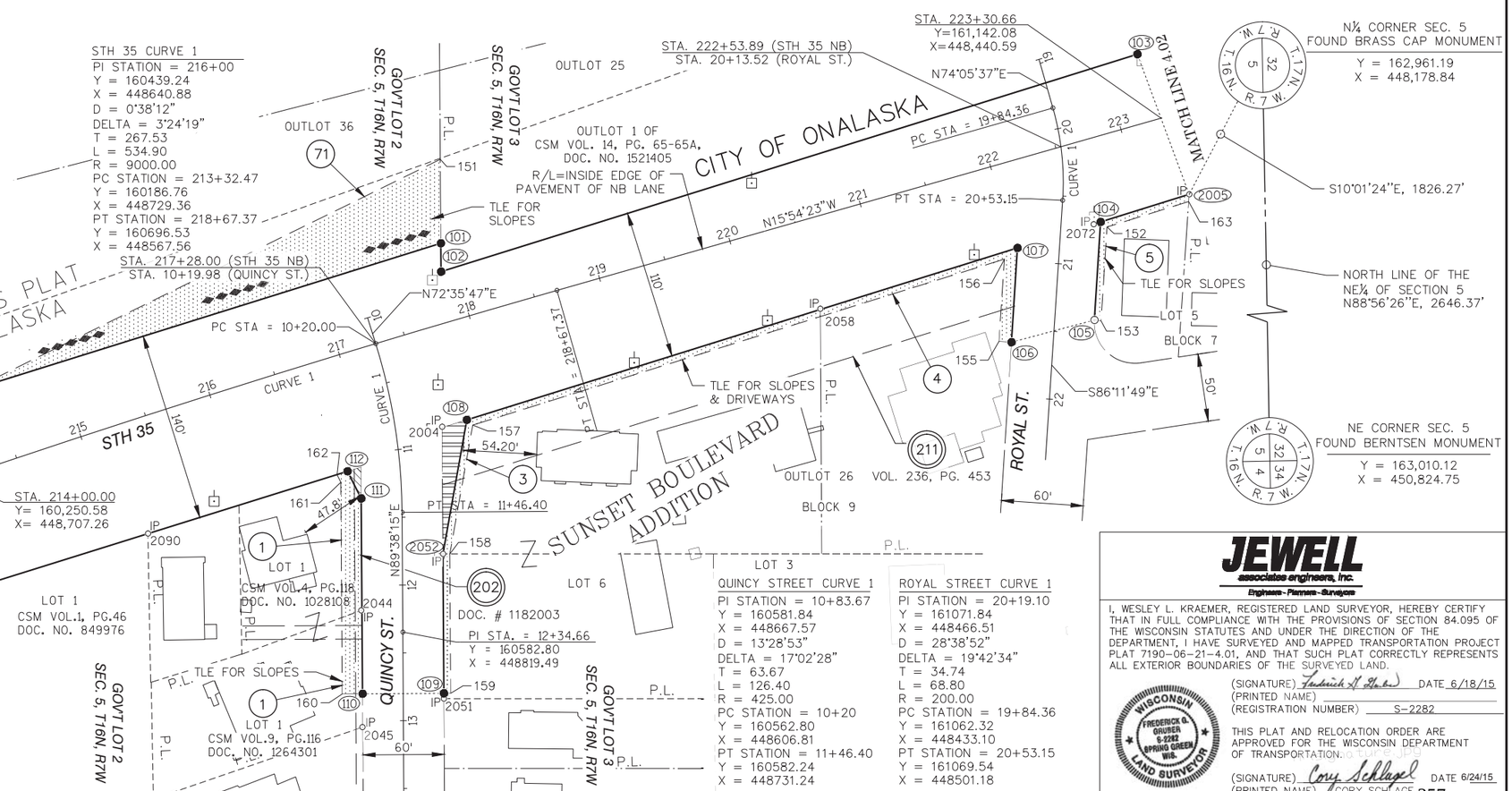
RESERVED FOR REGISTER OF DEEDS PROJECT NUMBER 7190-06-21-4.01 AMENDMENT NO. 1

COORDINATE TABLE – R/W POINTS				
PT.#	STATION	OFFSET	Y	X
100	214+00.00	59.18 LT	160231.42	448651.26
101	217+94.95	57.19 LT	160610.84	448532.82
102	217+89.22	37.09 LT	160610.98	448553.73
103	223+26.84	50.19 LT	161124.65	448393.37
104	222+66.83	61.35 RT	161097.50	448517.08
105	21+39.63	29.17 LT	161092.91	448589.40
106	21+60.00	30.77 RT	161031.75	448605.75
107	222+02.59	62.95 RT	161036.16	448536.23

COORDINATE TABLE – R/W POINTS				
PT.#	STATION	OFFSET	Y	X
108	217+76.47	73.12 RT	160629.97	448663.04
109	12+80.00	29.98 LT	160613.06	448864.65
110	12+80.00	30.02 RT	160553.07	448865.03
111	216+84.26	106.12 RT	160552.10	448720.98
112	216+80.47	84.03 RT	160542.02	448700.97
113	214+00.00	80.87 RT	160276.74	448783.78
2005	223+35.20	59.71 RT	161162.78	448496.70
2052	11+77.24	30.00 LT	160612.38	448761.89

EXISTING ACCESS CONTROL ALONG STH 35 ACQUIRED BY DOC. 1022799, VOL. 843, PG. 262

SCALE, FEET
0 50' 100'



JEWELL
associates engineers, Inc.
Engineers - Planners - Surveyors

I, WESLEY L. KRAEMER, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick W. Kraemer DATE 6/18/15
(PRINTED NAME)
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. KRUEGER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 6/24/15
(PRINTED NAME) CORY SCHLAGE

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
6	SUSAN A. WISE	TLE	--	--	--	0.01	--
7	KURT F. KOLANDER & JENNIFER J. RETTKE	TLE	--	--	--	0.01	--
8	ROBERT G. & MARILYN K. ZETTLER	TLE	--	--	--	0.02	--
9	RICHARD W. & MARGARET MARQUARDT	TLE	--	--	--	0.01	--
10	HEGENBARTH INVESTMENTS, LLC.	TLE	--	--	--	0.05	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.02

LOCATED IN LOTS 1, 2, 3, AND 5 IN BLOCK 7 OF THE SUNSET BOULEVARD ADDITION, IN GL3; ALSO LOTS 6 AND 7 IN BLOCK 4 OF THE SUNSET BOULEVARD ADDITION, IN AND INCLUDING PART OF GL4; ALL LOCATED IN SECTION 5, T16N, R7W, IN THE CITY OF ONALASKA, LA CROSSE COUNTY, WI.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1650543
FILED IN TPP CAB., P. 49B

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.02

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
163	223+33.42	64.68 RT	161162.46	448502.04
250	230+78.00	60.00 RT	161874.71	448279.69
251	230+30.76	77.72 RT	161834.89	448310.68
252	31+10.00	48.11 LT	161835.56	448339.67
253	31+05.99	32.45 RT	161754.92	448337.68
254	229+39.11	69.06 RT	161744.83	448329.73
255	228+57.02	61.38 RT	161664.18	448346.86
256	228+56.57	66.45 RT	161665.26	448351.83
257	227+83.66	60.00 RT	161593.74	448367.40
258	225+90.00	60.27 RT	161408.50	448425.23
259	225+90.00	55.27 RT	161407.04	448420.45
260	223+60.00	59.02 RT	161186.47	448489.31
261	223+60.00	64.02 RT	161187.84	448494.12
262	232+09.02	60.00 RT	161999.78	448240.65

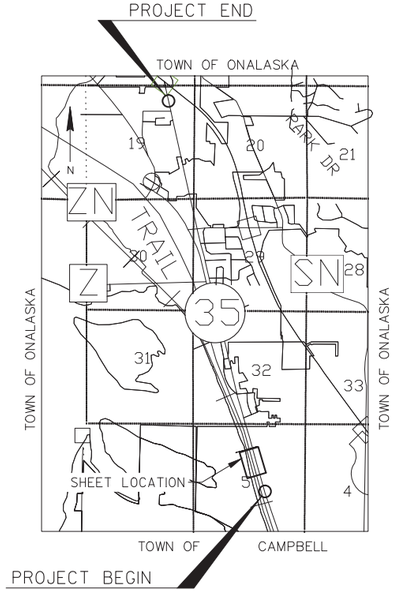
COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2005	223+35.20	59.71 RT	161162.79	448496.70
2006	227+07.40	54.06 RT	161519.18	448384.46
2007	228+38.26	58.95 RT	161645.55	448350.14
2065	229+49.10	70.22 RT	161754.71	448327.63
2074	232+09.11	79.48 RT	162005.67	448259.22

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
103	223+26.84	50.19 LT	161124.65	448393.38
200	222+84.97	148.07 LT	161057.55	448310.72
201	222+92.10	167.88 LT	161058.98	448289.71
202	224+97.38	140.83 LT	161262.20	448259.23
203	232+07.05	72.61 LT	161958.38	448114.65
204	232+09.00	55.00 RT	161998.27	448235.88
205	230+22.18	55.00 RT	161819.94	448291.55
206	31+10.00	33.54 LT	161820.99	448340.03
207	31+10.00	32.46 RT	161755.01	448341.68
208	227+88.80	55.00 RT	161597.16	448361.10
2005	223+35.20	59.71 RT	161162.79	448496.70
2065	229+49.10	70.22 RT	161754.71	448327.63

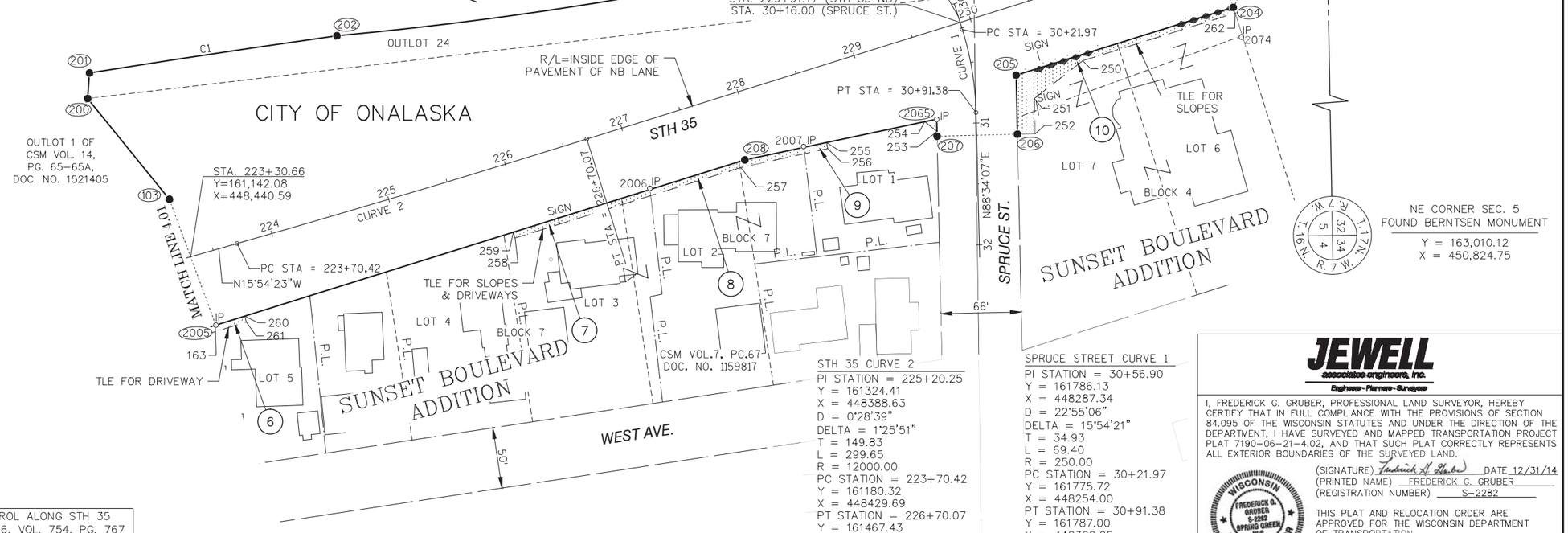
R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	1°00'48"	102.75'	11,618.48'	205.50'	205.49'	N8°31'47"W
C2	12°57'39"	357.81'	3,150.00'	712.56'	711.04'	N11°43'53"W

PROJECT END



PROJECT BEGIN

GRAPHIC SCALE, FEET
0 50' 100'



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
103 TO 200	S50°55'53"W	106.46'
200 TO 201	N86°06'30"W	21.06'
203 TO 204	N71°47'18"E	127.62'
204 TO 205	S17°20'14"E	186.82'
205 TO 206	N88°45'09"E	48.49'
206 TO 207	S1°25'53"E	66.00'
207 TO 2065	S88°45'09"W	14.05'
2065 TO 208	S11°59'36"E	161.06'
208 TO 2005	S17°20'14"E	455.05'
2005 TO 103	S69°44'27"W	110.14'

STH 35 CURVE 2
PI STATION = 225+20.25
Y = 161324.41
X = 448388.63
D = 0°28'39"
DELTA = 1°25'51"
T = 149.83
L = 299.65
R = 12000.00
PC STATION = 223+70.42
Y = 161180.32
X = 448429.69
PT STATION = 226+70.07
Y = 161467.43
X = 448343.98

SPRUCE STREET CURVE 1
PI STATION = 30+56.90
Y = 161786.13
X = 448287.34
D = 22°55'06"
DELTA = 15°54'21"
T = 34.93
L = 69.40
R = 250.00
PC STATION = 30+21.97
Y = 161775.72
X = 448254.00
PT STATION = 30+91.38
Y = 161787.00
X = 448322.25

EXISTING ACCESS CONTROL ALONG STH 35 ACQUIRED BY DOC. 973696, VOL. 754, PG. 767

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.02, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
11	DRAGICA MILJKOVIC	TLE	--	--	--	0.02	--
12	ROYAL W. AVE. LLC	TLE	--	--	--	0.01	--
13	CONVENIENCE STORE INVESTMENTS	TLE	--	--	--	0.08	--
14	NORTHERN DEVELOPMENT GROUP, LLC	TLE	--	--	--	0.02	--
70	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	PLE	--	--	--	0.00	0.34

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.03

LOCATED IN LOTS 1, 2, 3, 4, AND 5 IN BLOCK 4 OF THE SUNSET BOULEVARD ADDITION, IN AND INCLUDING PART OF GL4; ALSO OUTLOT 15 OF THE ASSESSOR'S PLAT OF ONALASKA, IN GL4; ALL LOCATED IN SECTION 5, T16N, R7W, IN THE CITY OF ONALASKA, LA CROSSE COUNTY, WI.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

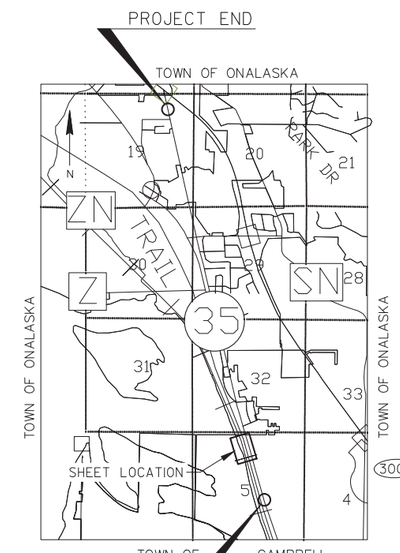
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

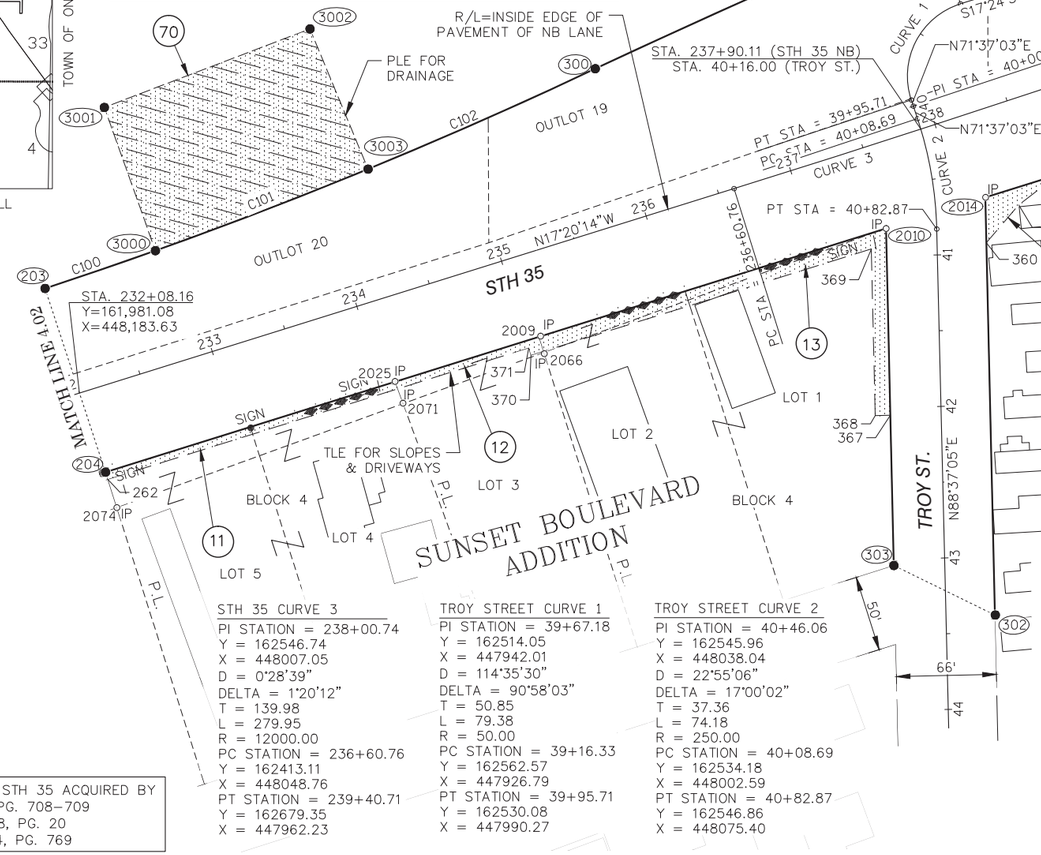
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1650544
FILED IN TPP CAB., P. 50A

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.03





R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
301 TO 2080	N72°01'33"E	207.59'
2080 TO 2014	S17°20'14"E	290.65'
2014 TO 302	N88°40'40"E	275.64'
302 TO 303	S26°06'20"W	74.36'
303 TO 2010	S88°40'40"W	222.44'
2010 TO 204	S17°20'14"E	539.65'
204 TO 203	S71°47'18"W	127.62'

PLE COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
3000 TO 3001	S70°22'44"W	100.36'
3001 TO 3002	N20°53'20"W	145.28'
3002 TO 3003	N67°30'23"E	100.14'

N

SCALE, FEET

0 50' 100'

EXISTING ACCESS CONTROL ALONG STH 35 ACQUIRED BY
DOC. 975871, VOL. 758, PG. 708-709
DOC. 991681, VOL. 788, PG. 20
DOC. 973697, VOL. 754, PG. 769

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
203	232+07.05	72.61 LT	161958.38	448114.66
204	232+09.00	55.00 RT	161998.27	448235.88
300	235+96.84	102.82 LT	162321.45	447969.66
301	241+07.34	146.33 LT	162792.33	447770.54
302	43+38.50	32.30 LT	162585.30	448330.18
303	43+04.18	33.67 RT	162518.53	448297.46
2010	237+48.29	55.23 RT	162513.39	448075.08
2014	238+16.74	55.91 RT	162578.94	448054.61
2080	241+07.34	61.00 RT	162856.39	447968.00
3000	232+84.00	74.72 LT	162031.20	448089.71
3003	234+34.00	84.27 LT	162171.54	448035.90

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C4	4°14'47"	255.80'	6,900.00'	511.37'	511.25'	N22°55'20"W
C100	1°24'00"	38.49'	3,150.00'	76.98'	76.97'	N18°54'43"W
C101	2°44'03"	75.17'	3,150.00'	150.32'	150.30'	N20°58'44"W
C102	2°58'53"	81.97'	3,150.00'	163.91'	163.89'	N23°50'12"W

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
262	232+09.02	60.00 RT	161999.78	448240.65
354	239+43.88	58.35 RT	162701.03	448016.49
355	239+38.00	75.00 RT	162700.78	448034.15
356	239+13.00	67.00 RT	162674.39	448034.59
357	239+14.04	57.68 RT	162672.41	448025.43
358	238+66.55	56.77 RT	162626.86	448039.65
359	238+35.93	67.56 RT	162601.01	448059.53
360	238+08.03	84.67 RT	162579.64	448084.52
367	42+05.00	33.57 RT	162516.25	448198.30
368	42+05.00	43.57 RT	162506.25	448198.54
369	237+34.98	65.23 RT	162503.71	448088.57
370	235+00.00	65.00 RT	162279.03	448158.71
371	235+00.00	60.00 RT	162277.54	448153.94

COORDINATE TABLE - PLE POINTS				
PT.#	STATION	OFFSET	Y	X
3001	232+80.00	175.00 LT	161997.50	447995.18
3002	234+25.00	184.00 LT	162133.23	447943.37

N¼ CORNER SEC. 5
FOUND BRASS CAP MONUMENT
Y = 162,961.19
X = 448,178.84

NORTH LINE OF THE NE¼ OF SECTION 5
N88°56'26"E, 2646.37'

NE CORNER SEC. 5
FOUND BERNTSEN MONUMENT
Y = 163,010.12
X = 450,824.75

T.16N. R.7W. T.17N. R.7W. 5 32

T.16N. R.7W. T.17N. R.7W. 5 4 32 34

STH 35 CURVE 3
PI STATION = 238+00.74
Y = 162546.74
X = 448007.05
D = 0°28'39"
DELTA = 1°20'12"
T = 139.98
L = 279.95
R = 12000.00
PC STATION = 236+60.76
Y = 162413.11
X = 448048.76
PT STATION = 239+40.71
Y = 162679.35
X = 447962.23

TROY STREET CURVE 1
PI STATION = 39+67.18
Y = 162514.05
X = 447942.01
D = 114°35'30"
DELTA = 90°58'03"
T = 50.85
L = 79.38
R = 50.00
PC STATION = 39+16.33
Y = 162562.57
X = 447926.79
PT STATION = 39+95.71
Y = 162530.08
X = 447990.27

TROY STREET CURVE 2
PI STATION = 40+46.06
Y = 162545.96
X = 448038.04
D = 22°55'06"
DELTA = 17°00'02"
T = 37.36
L = 74.18
R = 250.00
PC STATION = 40+08.69
Y = 162534.18
X = 448002.59
PT STATION = 40+82.87
Y = 162546.86
X = 448075.40

STH 35 CURVE 4
PI STATION = 241+00.81
Y = 162831.02
X = 447910.97
D = 0°28'39"
DELTA = 1°20'12"
T = 139.98
L = 279.95
R = 12000.00
PC STATION = 239+60.83
Y = 162698.41
X = 447955.79
PT STATION = 242+40.78
Y = 162964.64
X = 447869.25

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2009	235+09.83	54.81 RT	162285.38	448146.05
2010	237+48.29	55.23 RT	162513.41	448075.07
2014	238+16.74	55.91 RT	162578.96	448054.61
2025	234+09.17	54.75 RT	162189.27	448176.00
2066	235+08.70	66.60 RT	162287.81	448157.64
2071	234+09.94	69.98 RT	162194.54	448190.30
2074	232+09.11	79.48 RT	162005.67	448259.22
2080	241+07.34	61.00 RT	162856.40	447967.99

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.03, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
15	KATHRYN PAGE	TLE	--	--	--	0.04	--
55	DANIEL G. WILHELM & LAURIE A. WOLF, PHYLLIS A. WILHELM, LE	TLE	--	--	--	0.01	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.04

LOCATED IN LOT 1, CSM V.4, P.170, DOC.1043462; OUTLOT 2, CSM V.3, P.155, DOC.992012, IN AND INCLUDING PART OF GL1; ALL LOCATED IN SECTION 32, T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WI

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1650545
FILED IN TPP CAB., P. 50B

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.04

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
301	241+07.34	146.33 LT	162792.32	447770.53
400	242+81.14	153.95 LT	162957.29	447710.27
401	246+85.91	146.20 LT	163345.98	447597.05
402	250+91.00	139.28 LT	163734.73	447482.94
403	250+91.00	62.00 RT	163794.70	447675.07
404	250+91.00	72.00 RT	163797.68	447684.62
405	247+94.00	72.00 RT	163514.18	447773.12
406	247+94.00	62.00 RT	163511.20	447763.58
407	247+39.28	62.00 RT	163458.96	447779.88
408	51+18.73	33.84 LT	163471.42	447819.86
409	51+18.73	32.18 RT	163407.85	447837.74
410	246+73.28	62.00 RT	163395.96	447799.55
2080	241+07.34	61.00 RT	162856.39	447967.99

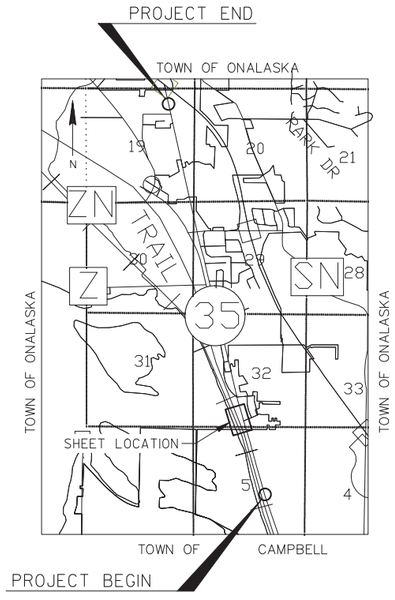
COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2019	247+39.28	61.03 RT	163458.68	447778.96
2080	241+07.34	61.00 RT	162856.39	447967.99
2081	246+73.06	61.33 RT	163395.56	447798.97
2085	247+60.64	61.31 RT	163479.16	447772.86

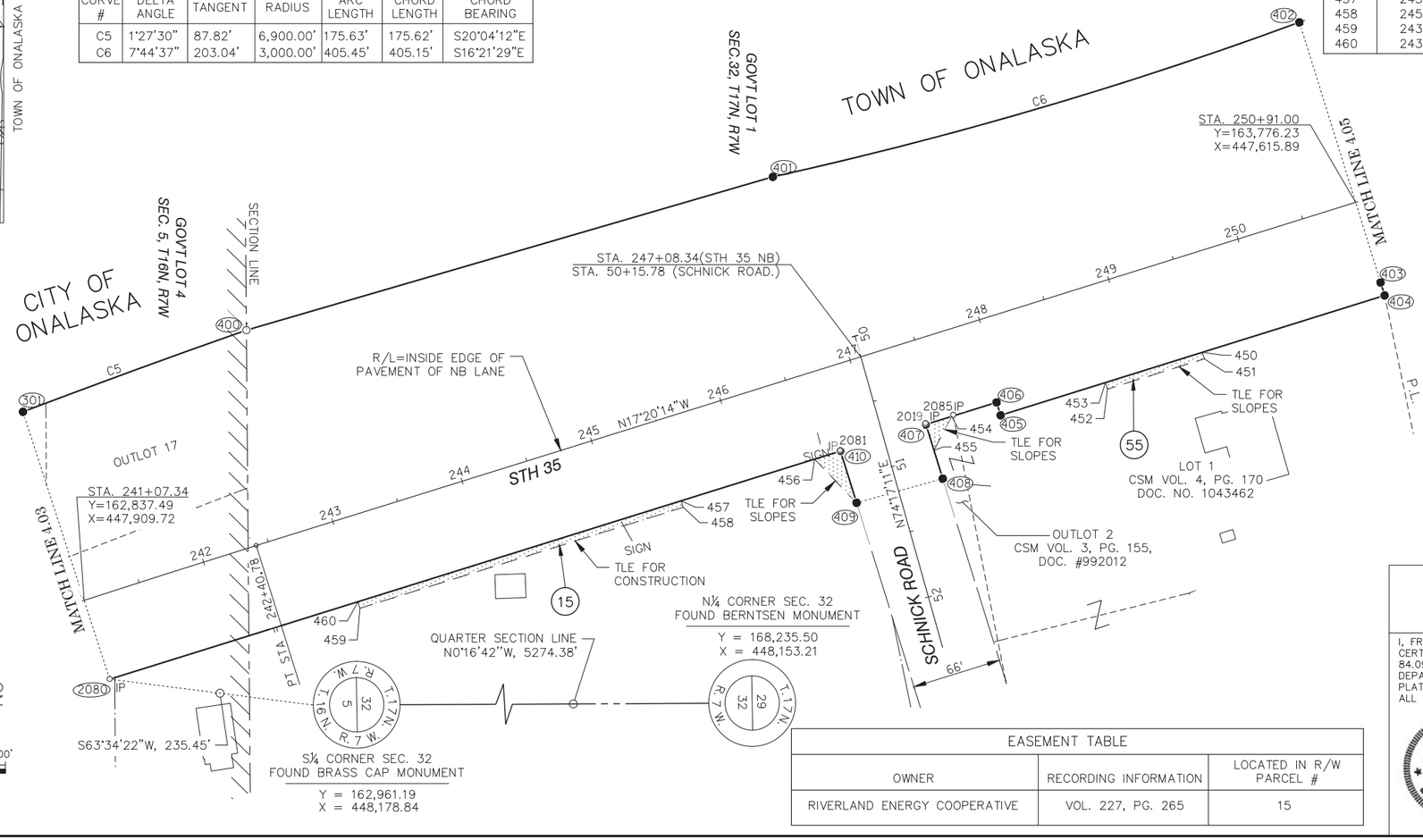
NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

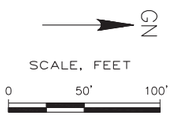
COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
450	249+50.00	72.00 RT	163663.09	447726.64
451	249+50.00	77.00 RT	163664.59	447731.41
452	248+75.00	77.00 RT	163592.99	447753.76
453	248+75.00	72.00 RT	163591.50	447748.98
454	247+59.28	62.00 RT	163478.06	447773.92
455	247+39.26	82.00 RT	163464.91	447798.98
456	246+53.27	62.00 RT	163376.87	447805.51
457	245+50.00	62.00 RT	163278.29	447836.29
458	245+50.00	67.00 RT	163279.78	447841.06
459	243+00.00	67.00 RT	163041.14	447915.56
460	243+00.00	62.00 RT	163039.65	447910.79

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C5	1°27'30"	87.82'	6,900.00'	175.63'	175.62'	S20°04'12"E
C6	7°44'37"	203.04'	3,000.00'	405.45'	405.15'	S16°21'29"E

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
400 TO 401	N16°14'24"W	404.84'
402 TO 403	N72°39'46"E	201.27'
403 TO 404	N72°39'46"E	10.00'
404 TO 405	S17°20'14"E	297.00'
405 TO 406	S72°39'46"W	10.00'
406 TO 407	S17°20'14"E	54.72'
407 TO 408	N72°42'00"E	41.87'
408 TO 409	S15°42'49"E	66.03'
409 TO 410	S72°42'00"W	40.00'
410 TO 2080	S17°20'14"E	565.25'
2080 TO 301	S72°01'33"W	207.59'







EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
RIVERLAND ENERGY COOPERATIVE	VOL. 227, PG. 265	15

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.04, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
17	TERRENCE M. & MYRNA M. SWANSON	TLE	--	--	--	0.01	--
18	M & W INVESTMENT PROPERTIES, LLC.	FEE,TLE	0.01	--	0.01	0.04	--
19	COLLINS JOINT REVOCABLE LIVING TRUST	FEE,TLE	0.08	--	0.08	0.08	--
69	RONALD L. & JANICE I. REUTER	TLE	--	--	--	0.01	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.05

LOCATED IN LOT 1, CSM V.13, P.48, DOC.1463451, LOCATED IN BOTH THE NE-SW AND GL1; ALSO PART OF LOT 1 OF THE SUNSET VISTA ADDITION IN THE NE-SW; ALSO PART OF GL1; ALL LOCATED IN SECTION 32, T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

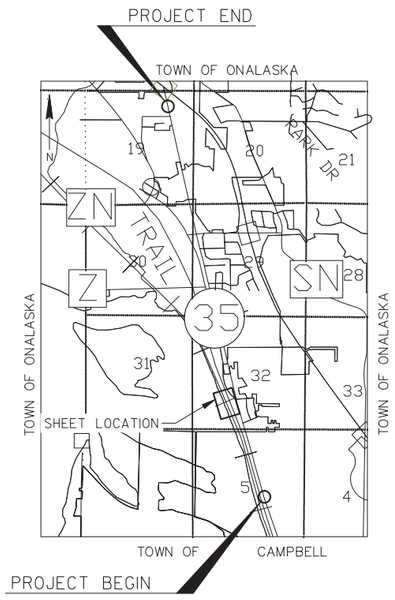
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651484

FILED IN TPP CAB. P.53B

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

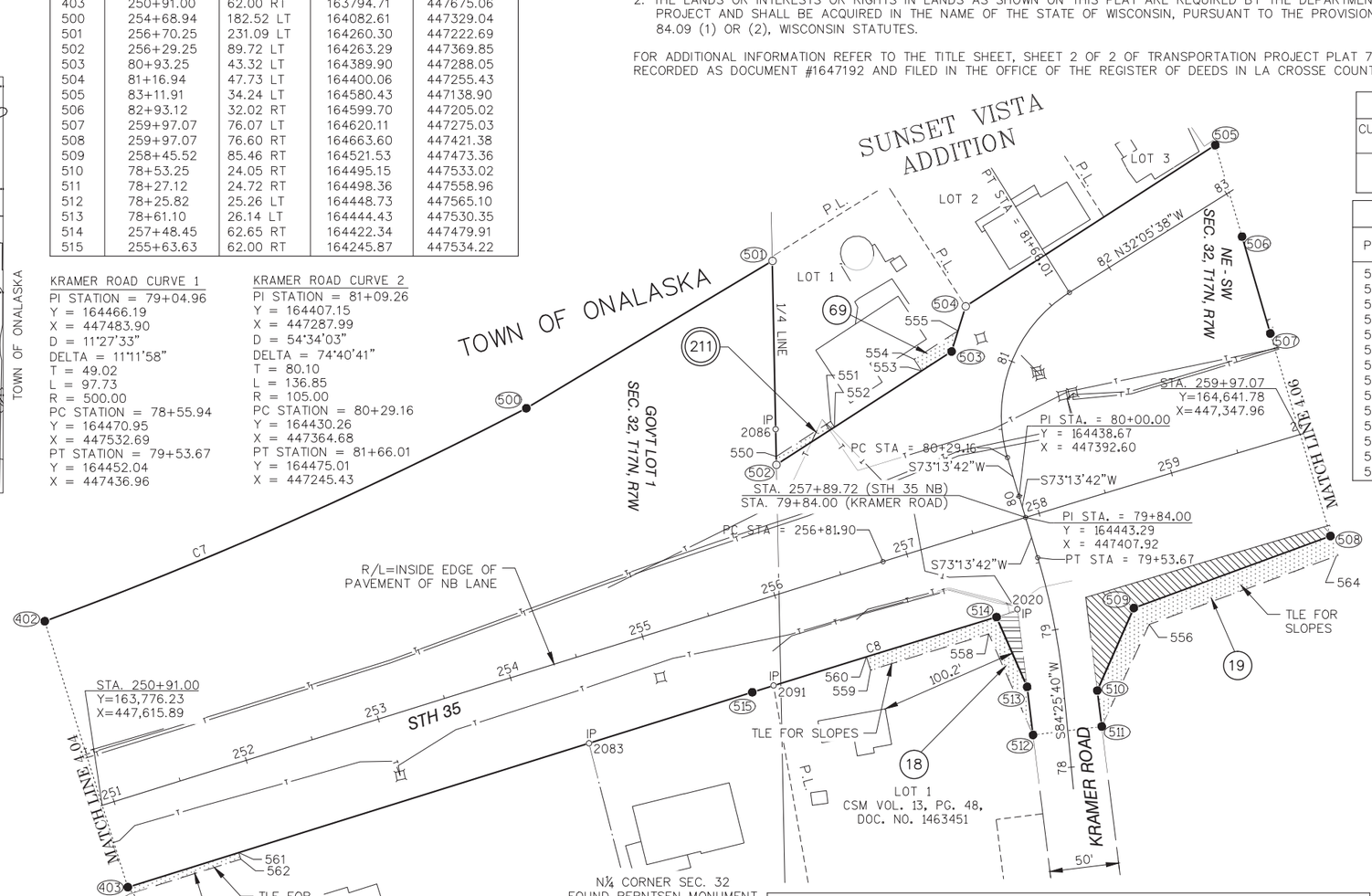
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.05



KRAMER ROAD CURVE 1
PI STATION = 79+04.96
Y = 164466.19
X = 447483.90
D = 11°27'33"
DELTA = 11°11'58"
T = 49.02
L = 97.73
R = 500.00
PC STATION = 78+55.94
Y = 164470.95
X = 447532.69
PT STATION = 79+53.67
Y = 164452.04
X = 447436.96

KRAMER ROAD CURVE 2
PI STATION = 81+09.26
Y = 164407.15
X = 447287.99
D = 54°34'03"
DELTA = 74°40'41"
T = 80.10
L = 136.85
R = 105.00
PC STATION = 80+29.16
Y = 164430.26
X = 447364.68
PT STATION = 81+66.01
Y = 164475.01
X = 447245.43

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
402	250+91.00	139.28 LT	163734.74	447482.94
403	250+91.00	62.00 RT	163794.71	447675.06
500	254+68.94	182.52 LT	164082.61	447329.04
501	256+70.25	231.09 LT	164260.30	447222.69
502	256+29.25	89.72 LT	164263.29	447369.85
503	80+93.25	43.32 LT	164389.90	447288.05
504	81+16.94	47.73 LT	164400.06	447255.43
505	83+11.91	34.24 LT	164580.43	447138.90
506	82+93.12	32.02 RT	164599.70	447205.02
507	259+97.07	76.07 LT	164620.11	447275.03
508	259+97.07	76.60 RT	164663.60	447421.38
509	258+45.52	85.46 RT	164521.53	447473.36
510	78+53.25	24.05 RT	164495.15	447533.02
511	78+27.12	24.72 RT	164498.36	447558.96
512	78+25.82	25.26 LT	164448.73	447565.10
513	78+61.10	26.14 LT	164444.43	447530.35
514	257+48.45	62.65 RT	164422.34	447479.91
515	255+63.63	62.00 RT	164245.87	447534.22



R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C7	7°16'13"	190.59'	3000.00'	380.67'	380.41'	N23°51'54"W
C8	0°27'47"	92.32'	22,850.00'	184.64'	184.64'	S17°06'21"E

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
550	256+30.89	95.37 LT	164263.17	447363.97
551	256+76.04	107.92 LT	164302.54	447338.54
552	256+77.38	103.10 LT	164305.25	447342.74
553	80+80.52	60.73 LT	164368.25	447302.04
554	80+84.88	67.85 LT	164362.82	447293.64
555	81+04.24	44.38 LT	164394.54	447273.15
556	258+52.74	100.09 RT	164532.67	447485.26
558	257+39.49	72.59 RT	164416.74	447492.06
559	256+50.00	72.19 RT	164331.35	447518.23
560	256+50.00	62.16 RT	164328.36	447508.65
561	251+75.00	62.00 RT	163874.89	447650.04
562	251+75.00	67.00 RT	163876.38	447654.82
563	250+91.00	67.00 RT	163796.20	447679.85
564	259+97.07	91.62 RT	164667.88	447435.79

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
500 TO 501	N30°54'05"W	207.08'
501 TO 502	N88°50'04"E	147.19'
502 TO 503	N32°51'57"W	150.73'
503 TO 504	N72°41'34"W	34.17'
504 TO 505	N32°51'57"W	214.73'
505 TO 506	N73°44'45"E	68.87'
506 TO 507	N73°44'45"E	72.93'
507 TO 508	N73°27'05"E	152.67'
508 TO 509	S20°05'54"E	151.28'
509 TO 510	S66°08'20"E	65.23'
510 TO 511	N82°56'37"E	26.14'
511 TO 512	S7°03'23"E	50.00'
512 TO 513	S82°56'37"W	35.02'
513 TO 514	S66°20'45"W	55.06'
515 TO 403	S17°20'14"E	472.63'
403 TO 402	S72°39'46"W	201.27'

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2020	257+64.55	61.65 RT	164437.39	447474.23
2083	254+40.10	60.93 RT	164127.63	447570.02
2086	256+36.42	114.43 LT	164262.77	447344.13
2091	255+79.76	61.82 RT	164261.21	447529.26

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

SCALE, FEET
0 50' 100'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
TREMPEALEAU ELECTRIC COOPERATIVE	VOL. 227, PG. 265	17, 18, 19, 69
CENTURYLINK	NO EASEMENT OF RECORD FOUND	69

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.05, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlage DATE 1/16/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

4.05

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
19	COLLINS JOINT REVOCABLE LIVING TRUST	FEE,TLE	0.04	--	0.04	0.41	--
20	COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF ONALASKA	FEE,TLE	0.01	--	0.01	0.01	--
67	ELMER SCHNICK	TLE	--	--	--	0.01	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.06

LOCATED IN THE NE-SW IN SECTION 32, T17N, R7W, IN THE TOWN OF ONALASKA; ALSO LOCATED IN THE NE-SW IN SECTION 32, T17N, R7W, IN THE CITY OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1650546
FILED IN TPP CAB., P. 51A

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

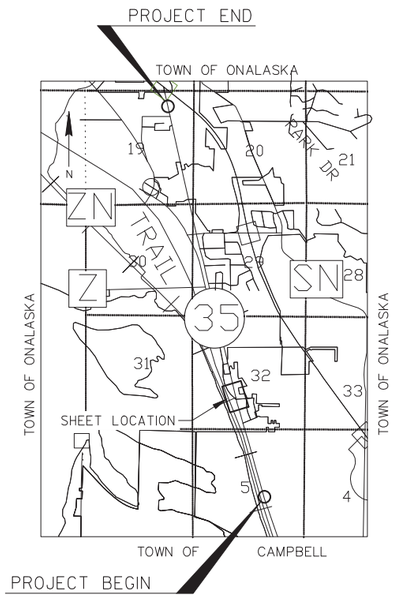
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.06

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
507	259+97.07	76.07 LT	164620.11	447275.04
508	259+97.07	76.60 RT	164663.60	447421.39
600	268+30.32	71.79 LT	165426.72	447055.69
601	268+05.31	75.10 RT	165439.27	447204.17
602	260+79.25	71.37 RT	164740.67	447393.18

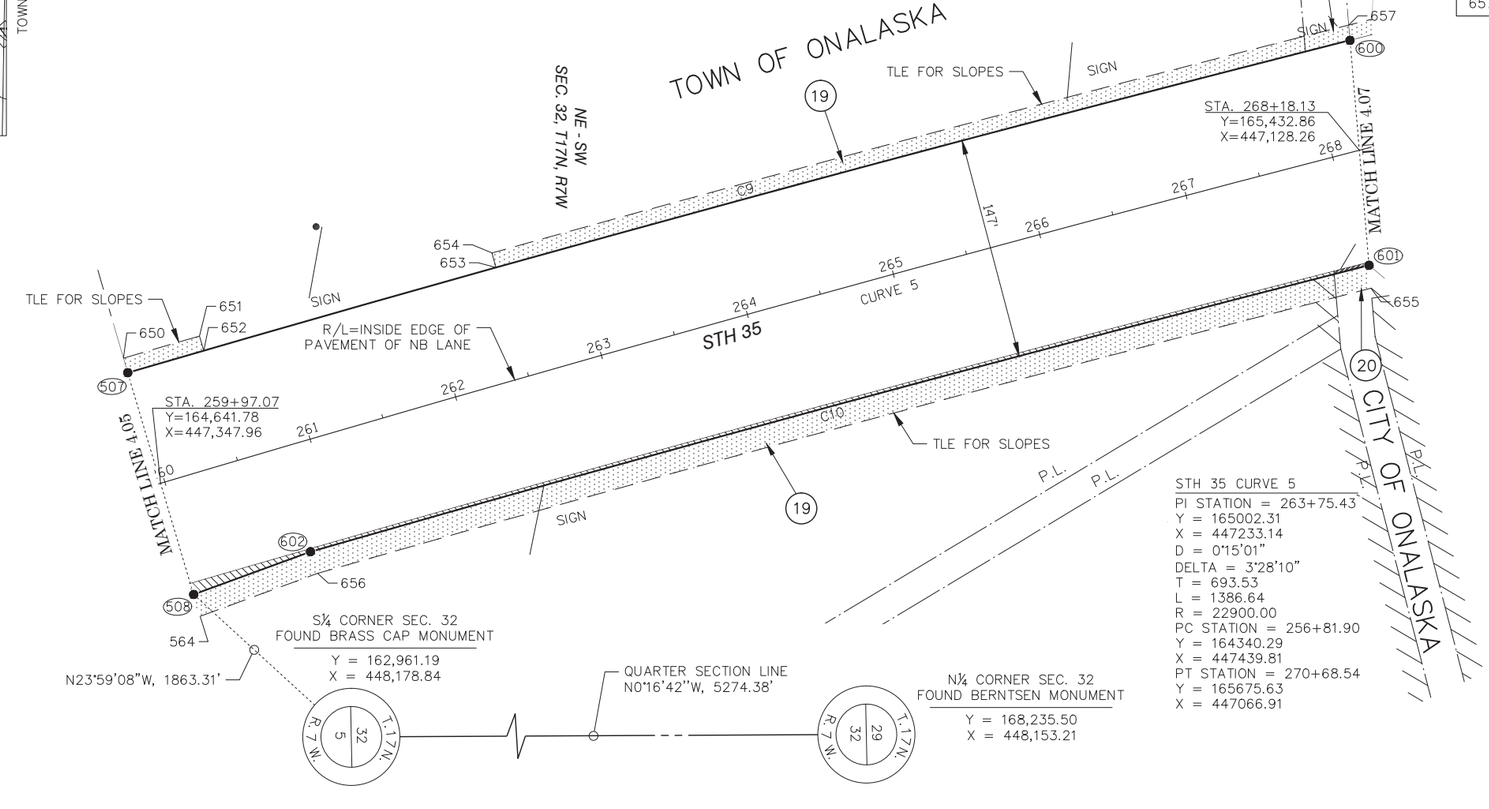
R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C9	2°05'00"	418.02'	22,990.00'	835.95'	835.90'	N15°12'46"W
C10	1°48'56"	361.91'	22,840.41'	723.75'	723.72'	S15°08'21"E

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
RIVERLAND ENERGY COOPERATIVE	VOL. 227, PG. 265	19, 20, 67

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
564	259+97.07	91.62 RT	164667.88	447435.79
650	259+97.12	86.07 LT	164617.31	447265.44
651	260+49.16	85.81 LT	164667.47	447250.88
652	260+49.16	75.80 LT	164670.30	447260.47
653	262+49.02	74.78 LT	164863.17	447205.62
654	262+49.02	84.76 LT	164860.43	447196.02
655	268+02.74	90.09 RT	165440.56	447219.32
656	260+79.70	86.37 RT	164745.33	447407.45
657	268+32.00	81.76 LT	165425.87	447045.62



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
600 TO 601	N85°10'00"E	149.01'
602 TO 508	S20°05'54"E	82.07'
508 TO 507	S73°27'05"W	152.67'



STH 35 CURVE 5
PI STATION = 263+75.43
Y = 165002.31
X = 447233.14
D = 0°15'01"
DELTA = 3°28'10"
T = 693.53
L = 1386.64
R = 22900.00
PC STATION = 256+81.90
Y = 164340.29
X = 447439.81
PT STATION = 270+68.54
Y = 165675.63
X = 447066.91

JEWELL
associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.06, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.07

LOCATED IN THE NE-SW, SW-NW AND THE SE-NW IN SECTION 32, T17N, R7W, IN THE TOWN OF ONALASKA; ALSO LOCATED IN LOTS 1 AND 2 OF CSM V.3, P.36, DOC.960273, IN AND INCLUDING PART OF SE-NW IN SECTION 32, T17N, R7W, IN THE CITY OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA - USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO HE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651485

FILED IN TPP CAB. P.54A

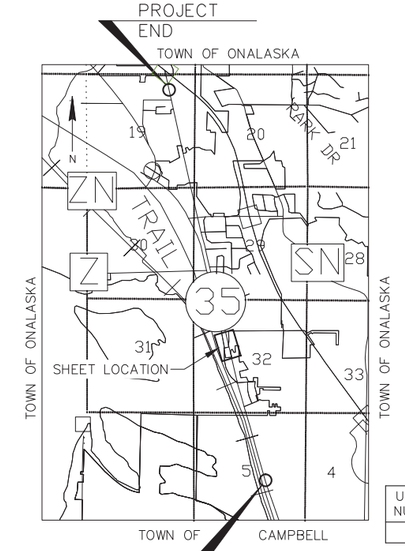
ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.07

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	T.L.E. ACRES	P.L.E. ACRES
20	COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF ONALASKA	TLE	--	--	--	0.02	--
21	TREMPEALEAU ELECTRIC COOPERATIVE	FEE,TLE	0.02	--	0.02	0.05	--
22	VINCENT R. MEYER	FEE,TLE	0.01	--	0.01	0.01	--
23	DAVID A. & TERESA A. WEIS	FEE,TLE	0.01	--	0.01	0.05	--
61	LACROSSE COUNTY	TLE	--	--	--	0.19	--
64	GRETA M. DUVAL	TLE	--	--	--	0.05	--
65	PATRICK J. DELANEY	TLE	--	--	--	0.03	--
66	JOHN R. CAMPBELL	TLE	--	--	--	0.05	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
700 TO 701	N13°52'14"W	575.09'
701 TO 2041	S78°55'20"W	110.08'
2041 TO 702	S19°54'31"W	19.00'
702 TO 703	S88°49'21"W	42.96'
704 TO 705	N10°04'25"W	93.71'
705 TO 706	N82°35'30"E	292.93'
706 TO 707	S7°04'07"E	35.38'
707 TO 708	S61°40'21"E	17.67'
708 TO 720	N87°38'00"E	158.18'
720 TO 721	N76°05'23"E	76.91'
721 TO 709	S3°12'31"E	15.39'
709 TO 710	S2°22'00"E	60.00'
710 TO 711	S87°38'00"W	125.89'
711 TO 712	S83°05'19"W	42.92'
712 TO 713	S80°03'01"W	30.46'
713 TO 714	S73°31'50"W	34.94'
714 TO 715	S13°52'14"E	551.45'
715 TO 716	N83°00'00"E	49.40'
716 TO 717	S8°42'13"E	222.24'
717 TO 601	S85°10'00"W	21.83'
601 TO 600	S85°10'00"W	149.01'

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C11	0°18'02"	60.28'	22,990.00'	120.55'	120.55'	N14°01'15"W
C12	2°27'32"	59.38'	2,766.96'	118.75'	118.74'	N08°50'39"W

FISHERMANS LANDING CURVE 1
PI STATION = 3+85.93
Y = 166098.88
X = 446662.31
D = 38°11'50"
DELTA = 22°08'11"
T = 29.34
L = 57.95
R = 150.00
PC STATION = 3+56.59
Y = 166069.69
X = 446665.29
PT STATION = 4+14.54
Y = 166127.04
X = 446670.54

STH 35 CURVE 6
PI STATION = 273+81.47
Y = 165978.51
X = 446988.27
D = 5°43'46"
DELTA = 8°02'32"
T = 70.30
L = 140.36
R = 1000.00
PC STATION = 273+11.17
Y = 165910.49
X = 447006.02
PT STATION = 274+51.53
Y = 166043.37
X = 446961.17

STH 35 CURVE 7
PI STATION = 275+49.55
Y = 166133.81
X = 446923.38
D = 57°17'45"
DELTA = 36°41'52"
T = 33.17
L = 64.05
R = 100.00
PC STATION = 275+16.39
Y = 166103.21
X = 446936.16
PT STATION = 275+80.44
Y = 166165.99
X = 446931.41

RIDERS CLUB RD CURVE 1
PI STATION = 148+46.55
Y = 165938.52
X = 446782.24
D = 2°23'14"
DELTA = 6°28'10"
T = 135.64
L = 270.99
R = 2400.00
PC STATION = 147+10.91
Y = 165802.95
X = 446786.57
PT STATION = 149+81.90
Y = 166072.74
X = 446762.66

RIDERS CLUB RD CURVE 2
PI STATION = 150+94.20
Y = 166183.86
X = 446746.45
D = 63°39'43"
DELTA = 96°08'22"
T = 100.20
L = 151.02
R = 90.00
PC STATION = 149+94
Y = 166084.71
X = 446760.92
PT STATION = 151+45.01
Y = 166187.64
X = 446846.58

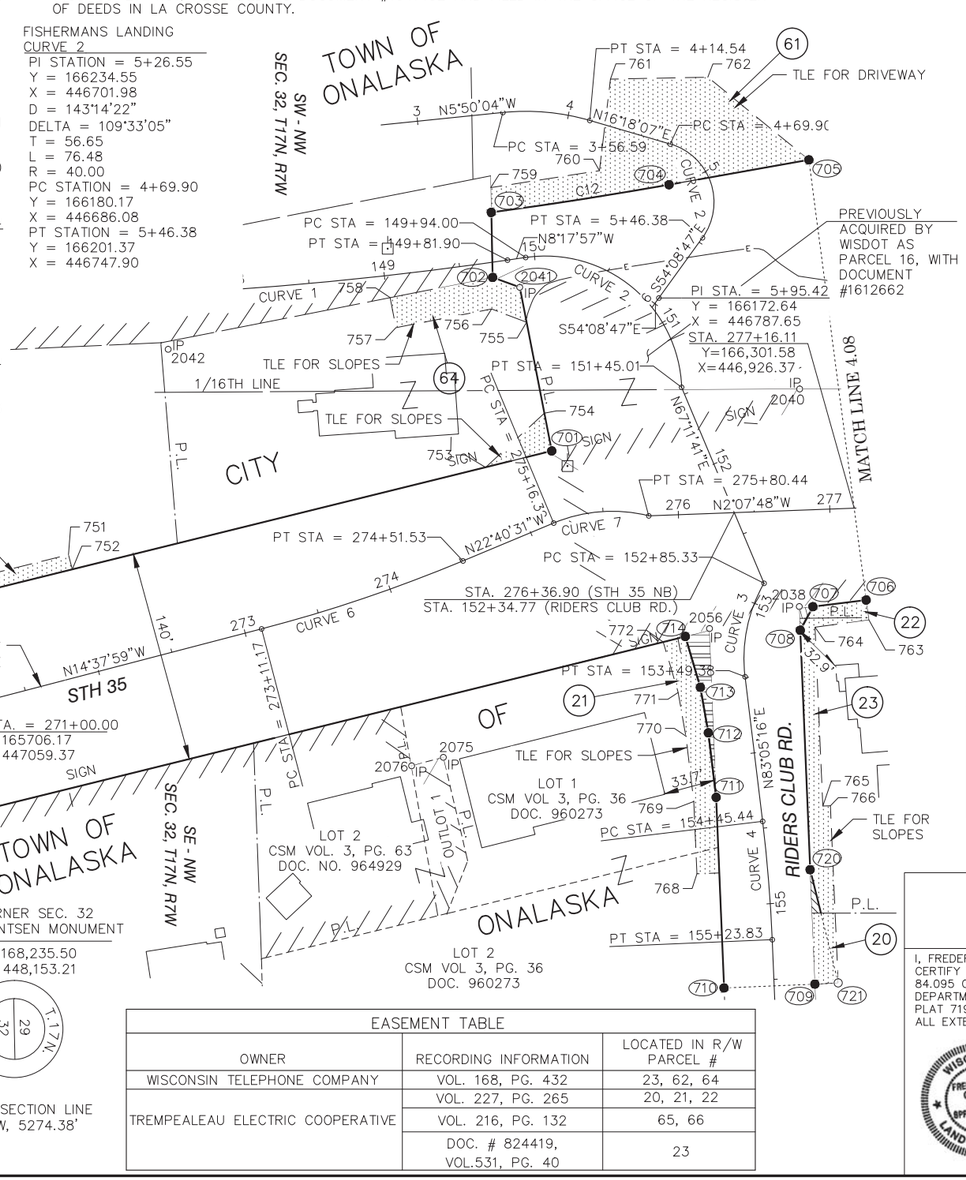
RIDERS CLUB RD CURVE 3
PI STATION = 153+18.50
Y = 166225.55
X = 447004.71
D = 57°17'45"
DELTA = 36°41'39"
T = 33.16
L = 64.04
R = 100.00
PC STATION = 152+85.33
Y = 166242.02
X = 446975.93
PT STATION = 153+49.38
Y = 166229.54
X = 447037.63

RIDERS CLUB RD CURVE 4
PI STATION = 154+84.65
Y = 166245.82
X = 447171.93
D = 5°43'46"
DELTA = 4°29'30"
T = 39.22
L = 78.40
R = 1000.00
PC STATION = 154+45.44
Y = 166241.10
X = 447133.00
PT STATION = 155+23.83
Y = 166247.48
X = 447211.11

FISHERMANS LANDING CURVE 2
PI STATION = 5+26.55
Y = 166234.55
X = 446701.98
D = 143°14'22"
DELTA = 109°33'05"
T = 56.65
L = 76.48
R = 40.00
PC STATION = 4+69.90
Y = 166180.17
X = 446686.08
PT STATION = 5+46.38
Y = 166201.37
X = 446747.90

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
205	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS



EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
WISCONSIN TELEPHONE COMPANY	VOL. 168, PG. 432	23, 62, 64
TREMPEALEAU ELECTRIC COOPERATIVE	VOL. 227, PG. 265	20, 21, 22
	VOL. 216, PG. 132	65, 66
	DOC. # 824419, VOL.531, PG. 40	23

COORDINATE TABLE - R/W POINTS

PT.#	STATION	OFFSET	Y	X
600	268+30.32	71.79 LT	165426.72	447055.70
601	268+05.31	75.10 RT	165439.27	447204.17
700	269+50.49	71.18 LT	165543.68	447026.49
701	275+28.25	45.36 LT	166102.00	446888.62
702	149+70.64	9.97 RT	166062.98	446774.12
703	149+75.84	32.68 LT	166062.10	446731.17
704	4+87.99	24.40 RT	166179.43	446712.92
705	5+10.73	66.48 LT	166271.69	446696.53
706	N/A	N/A	166309.46	446987.01
707	276+86.49	63.94 RT	166274.35	446991.37
708	276+77.54	79.17 RT	166265.97	447006.92
709	155+54.37	26.88 LT	166275.62	447240.49
710	155+54.32	33.12 RT	166215.67	447242.96
711	154+26.06	28.50 RT	166210.48	447117.18
712	153+83.14	28.50 RT	166205.31	447074.57
713	153+52.72	30.11 RT	166200.05	447044.57
714	276+01.61	80.49 RT	166190.14	447011.06
715	270+29.88	69.09 RT	165654.77	447143.26
716	270+23.85	118.13 RT	165660.79	447192.29
717	268+01.62	96.62 RT	165441.11	447225.92
720	154+80.00	27.94 LT	166272.50	447164.96
721	155+54.16	42.27 LT	166290.99	447239.62
2041	149+87.34	18.92 RT	166080.85	446780.59

COORDINATE TABLE - TLE POINTS

PT.#	STATION	OFFSET	Y	X
657	268+32.00	81.76 LT	165425.87	447045.62
751	272+00.21	79.52 LT	165783.04	446957.11
752	272+00.21	69.55 LT	165785.56	446966.76
753	274+89.16	51.22 LT	166058.35	446899.40
754	275+29.50	70.66 LT	166097.12	446863.72
755	149+88.48	42.43 RT	166085.37	446803.70
756	149+67.08	30.49 RT	166062.28	446794.96
757	149+03.79	34.83 RT	165999.18	446807.28
758	149+02.17	14.69 RT	165995.30	446787.46
759	149+77.86	48.88 LT	166061.77	446714.86
760	4+30.00	30.00 RT	166133.46	446703.68
761	4+20.00	30.00 LT	166140.70	446643.28
762	4+75.00	50.00 LT	166204.99	446642.01
763	N/A	N/A	166311.25	447000.06
764	276+87.33	77.55 RT	166275.70	447004.94
765	154+40.26	40.69 LT	166280.87	447122.96
766	154+40.64	45.68 LT	166285.87	447122.74
768	154+76.04	46.71 RT	166197.80	447167.62
769	154+27.05	43.50 RT	166195.71	447119.98
770	153+83.54	43.50 RT	166190.47	447076.78
771	153+54.36	45.05 RT	166185.42	447048.01
772	275+86.91	83.55 RT	166175.56	447014.66

COORDINATE TABLE - FOUND SURVEY MONUMENTS

PT.#	STATION	OFFSET	Y	X
2038	276+77.47	63.54 RT	166265.32	446991.30
2040	276+83.06	79.95 LT	166265.57	446847.70
2041	149+87.34	18.92 RT	166080.85	446780.59
2042	272+98.12	194.13 LT	165848.82	446821.49
2055	270+30.04	67.72 RT	165654.60	447141.89
2056	276+17.74	75.80 RT	166206.09	447005.78
2075	273+96.05	116.28 RT	166030.42	447090.73
2076	273+76.64	114.78 RT	166009.45	447096.35

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.07, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
61	LACROSSE COUNTY	FEE	0.49	--	0.49	--	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.08

LOCATED IN THE NW1/4 OF THE NW1/4 OF SECTION 32, TOWN 17 NORTH, RANGE 7 WEST, TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651486

FILED IN TPP CAB. P.54B

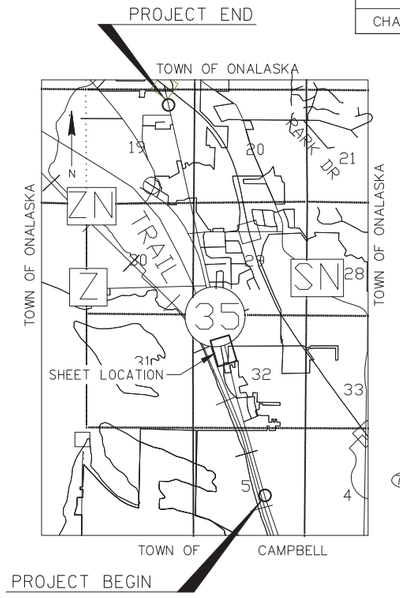
ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

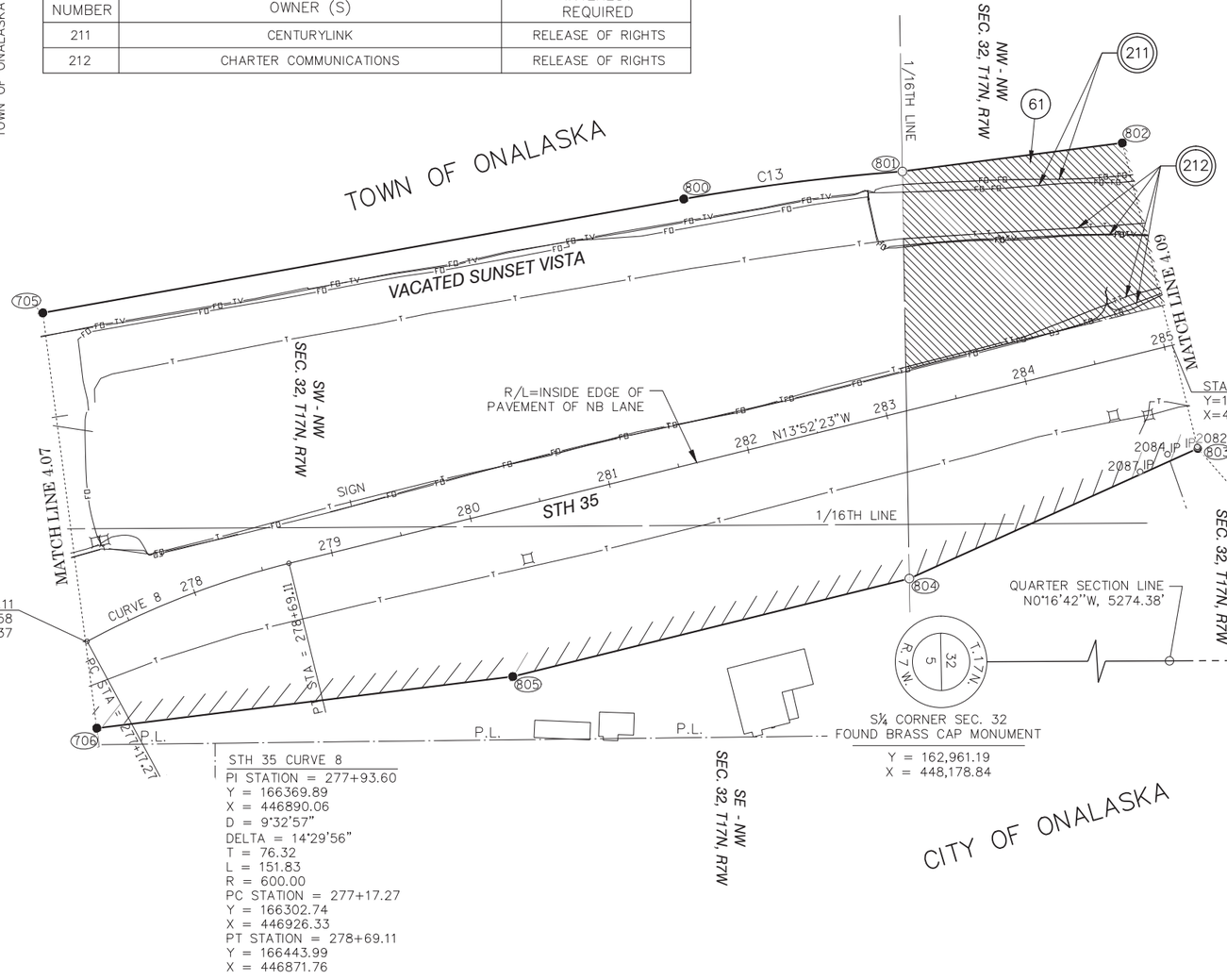
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.08

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
CENTURYLINK	NO EASEMENT OF RECORD FOUND	61
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	61

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS
212	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS





COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
705	277+77.21	221.04 LT	166271.69	446696.53
706	N/A	N/A	166309.46	446987.02
800	281+98.35	181.25 LT	166720.17	446616.86
801	283+51.49	163.31 LT	166873.15	446597.56
802	285+05.68	145.78 LT	167027.04	446577.60
803	285+05.68	74.41 RT	167079.83	446791.37
804	282+87.93	114.40 RT	166878.02	446882.40
805	280+02.10	114.39 RT	166600.53	446950.92

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C13	5°45'56"	77.20'	1,533.01'	154.26'	154.20'	N7°11'27"W

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2082	285+05.68	73.22 RT	167079.55	446790.21
2084	284+84.18	73.25 RT	167058.69	446795.40
2087	284+62.62	80.60 RT	167039.52	446807.70

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
705 to 800	N10°04'25"W	455.50'
801 TO 802	N7°23'18"W	155.18'
802 TO 803	N76°07'37"E	220.19'
803 TO 804	S24°16'47"E	221.39'
804 TO 805	S13°52'14"E	285.83'
805 TO 706	S7°04'07"E	293.30'
706 TO 705	S82°35'30"W	292.93'

STH 35 CURVE 8
PI STATION = 277+93.60
Y = 166369.89
X = 446890.06
D = 9°32'57"
DELTA = 14°29'56"
T = 76.32
L = 151.83
R = 600.00
PC STATION = 277+17.27
Y = 166302.74
X = 446926.33
PT STATION = 278+69.11
Y = 166443.99
X = 446871.76

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.08, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

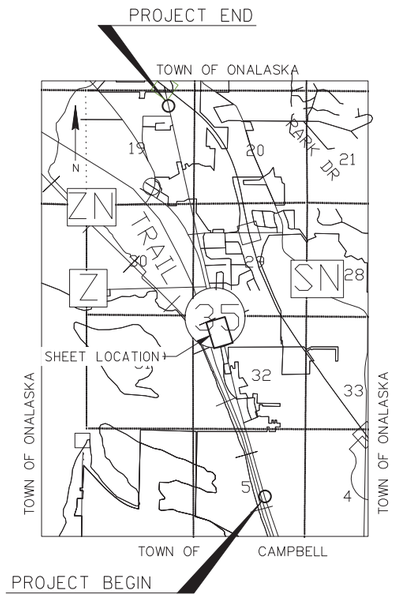
(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
24	VAN COULEE PROPERTIES LLC	FEE,TLE,PLE	0.06	--	0.06	0.03	0.01
25	EVANGELICAL FREE CHURCH OF LA CROSSE, WI.	FEE,TLE	0.11	--	0.11	0.08	--
61	LACROSSE COUNTY	FEE	1.52	--	1.52	--	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.



COORDINATE TABLE – R/W & PLE POINTS				
PT.#	STATION	OFFSET	Y	X
802	285+05.68	145.78 LT	167027.03	446577.61
803	285+05.68	74.41 RT	167079.83	446791.37
900	287+36.98	156.77 LT	167283.56	446544.34
901	288+63.92	128.53 LT	167349.73	446556.38
902	294+00.00	109.04 LT	167915.88	446416.58
903	294+00.00	64.40 RT	167958.27	446584.76
904	292+97.15	64.19 RT	167858.06	446609.51
905	292+99.60	54.19 RT	167858.06	446599.21
906	289+28.38	51.36 RT	167486.91	446690.85
907	91+41.91	97.73 LT	167377.55	446757.01
908	91+62.42	43.65 LT	167340.11	446802.50
909	93+00.00	31.60 LT	167375.09	446944.22
910	93+00.00	34.40 RT	167311.00	446959.98
911	92+15.11	31.81 RT	167291.50	446880.95
912	91+18.44	35.20 RT	167249.73	446801.10
913	286+63.50	53.57 RT	167217.95	446757.27
931	91+18.58	45.22 RT	167241.21	446806.38
932	N/A	N/A	167207.48	446759.85

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
803 TO 802	S76°07'37"W	220.19'
802 TO 900	N7°23'18"W	258.67'
900 TO 901	N10°19'01"E	67.25'
901 TO 902	N13°52'14"W	583.16'
902 TO 903	N75°51'08"E	173.44'
903 TO 904	S13°52'14"E	103.22'
904 TO 905	N90°00'00"W	10.30'
905 TO 906	S13°52'14"E	382.30'
906 TO 907	S31°10'16"E	127.82'
907 TO 908	S50°32'51"E	58.91'
908 TO 909	N76°08'08"E	145.97'
909 TO 910	S13°49'09"E	66.00'
910 TO 911	S76°08'08"W	81.40'
911 TO 912	S62°23'22"W	90.12'
912 TO 913	S54°03'26"W	54.14'
913 TO 803	S13°52'14"E	142.27'

PLE COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
931 TO 932	S54°03'25"W	57.46'
932 TO 913	N13°52'14"W	10.79'
913 TO 912	N54°03'26"E	54.14'
912 TO 931	S31°46'37"E	10.03'

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.09

LOCATED IN LOT 1 OF THE EAGLE BUSINESS PARK, IN AND INCLUDING PARTS OF THE NE-NW AND THE NW-NW, IN SECTION 32, T17N, R7W, IN THE CITY OF ONALASKA; ALSO PART OF THE NW-NW IN SECTION 32, T17N, R7W, IN THE TOWN OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651487

FILED IN TPP CAB. P.55A

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

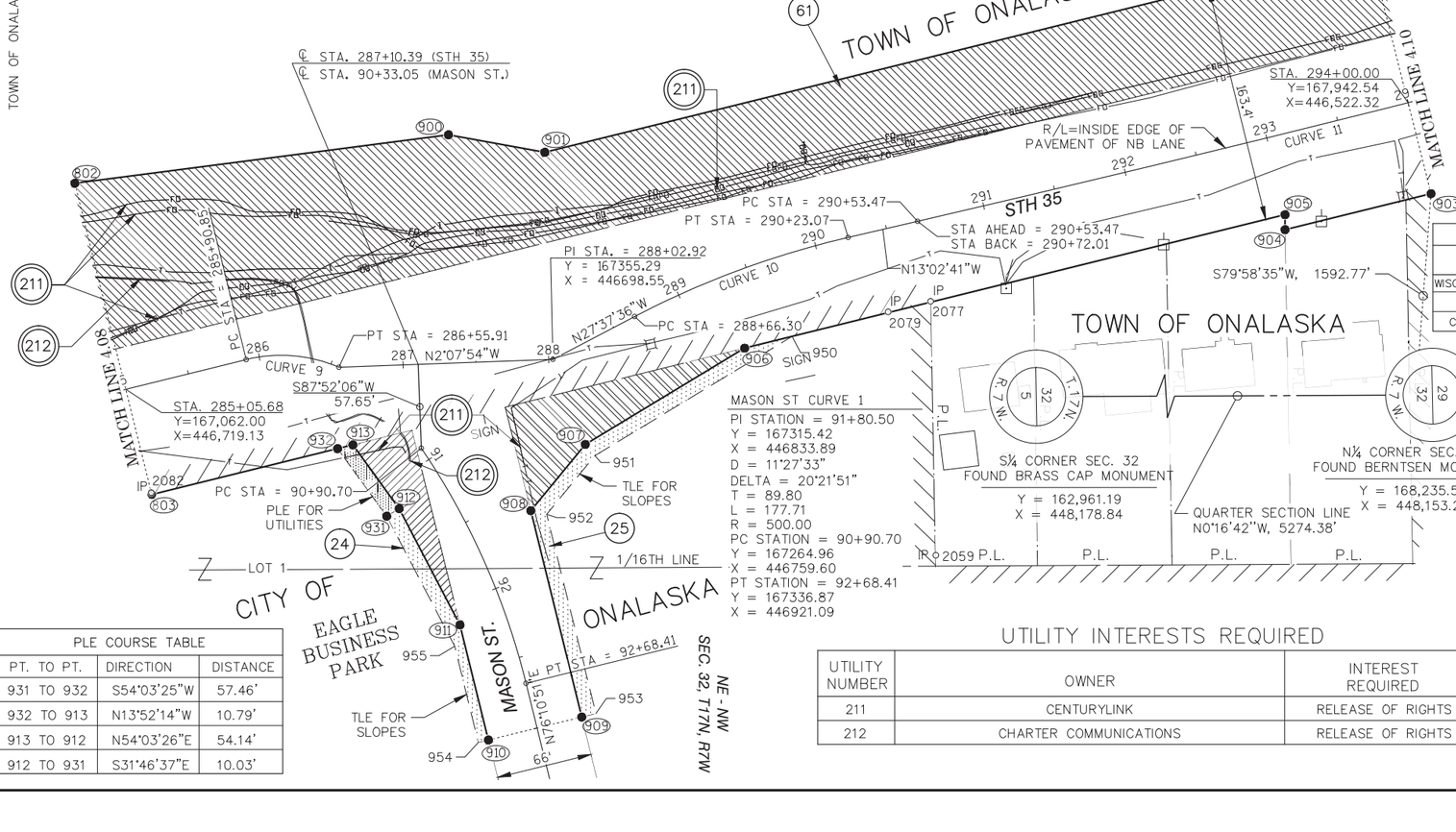
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.09

STH 35 CURVE 9
PI STATION = 286+24.58
Y = 167177.42
X = 446690.62
D = 57°17'45"
DELTA = 37°16'20"
T = 33.72
L = 65.05
R = 100.00
PC STATION = 285+90.85
Y = 167144.68
X = 446698.71
PT STATION = 286+55.91
Y = 167208.37
X = 446704.01

STH 35 CURVE 10
PI STATION = 289+45.11
Y = 167481.27
X = 446632.61
D = 9°18'05"
DELTA = 14°34'55"
T = 78.81
L = 156.77
R = 616.00
PC STATION = 288+66.30
Y = 167411.44
X = 446669.16
PT STATION = 290+23.07
Y = 167558.05
X = 446614.82

STH 35 CURVE 11
PI STATION = 293+00.03
Y = 167845.91
X = 446548.13
D = 0°19'06"
DELTA = 1°34'10"
T = 246.56
L = 493.08
R = 18000.00
PC STATION = 290+53.47
Y = 167605.72
X = 446603.78
PT STATION = 295+46.55
Y = 168084.49
X = 446485.92

COORDINATE TABLE – TLE POINTS				
PT.#	STATION	OFFSET	Y	X
950	289+64.97	55.04 RT	167519.56	446682.79
951	91+50.16	100.01 RT	167384.19	446764.68
952	91+68.76	52.42 LT	167351.03	446804.98
953	93+00.00	41.60 LT	167384.81	446941.83
954	93+00.00	41.50 RT	167304.11	446961.68
955	92+28.67	40.05 RT	167287.85	446895.54



MASON ST CURVE 1
PI STATION = 91+80.50
Y = 167315.42
X = 446833.89
D = 11°27'33"
DELTA = 20°21'51"
T = 89.80
L = 177.71
R = 500.00
PC STATION = 90+90.70
Y = 167264.96
X = 446759.60
PT STATION = 92+68.41
Y = 167336.87
X = 446921.09

COORDINATE TABLE – FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2059	290+32.45	226.30 RT	167618.26	446833.16
2077	290+68.35	55.56 RT	167614.70	446658.73
2079	290+38.34	56.00 RT	167585.56	446665.93
2082	285+05.68	73.22 RT	167079.55	446790.21

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
WISCONSIN TELEPHONE COMPANY	VOL. 236, PG. 239	24, 25
CENTURYLINK	NO EASEMENT OF RECORD FOUND	61
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	24 & 61

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS
212	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.09, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.10

LOCATED IN THE NW–NW OF SECTION 32, T17N, R7W, IN BOTH THE TOWN OF ONALASKA AND THE CITY OF ONALASKA; ALSO LOCATED IN THE SW–SW OF SECTION 29, T17N, R7W IN THE TOWN OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALAKSA–USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190–06–21–4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651488

FILED IN TPP CAB. P.55B

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.10

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	T.L.E. ACRES	P.L.E. ACRES
27	INTERNATIONAL CHURCH OF FOURSQUARE GOSPEL	TLE	--	--	--	0.01	--
61	LACROSSE COUNTY	FEE	0.40	--	0.40	--	--
28	ROBERT J. & SUZANN BALDUZZI	TLE	--	--	--	0.04	--
29	KIM A. & TAMMY MARIE FLOCK	TLE	--	--	--	0.02	--
30	TODD J. HAINES	TLE	--	--	--	0.01	--
31	JASON M. ALBERTY	TLE	--	--	--	0.01	--
32	KENNETH & NANCY LOGING	TLE	--	--	--	0.01	--
70	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	PLE	--	--	--	0.00	0.23

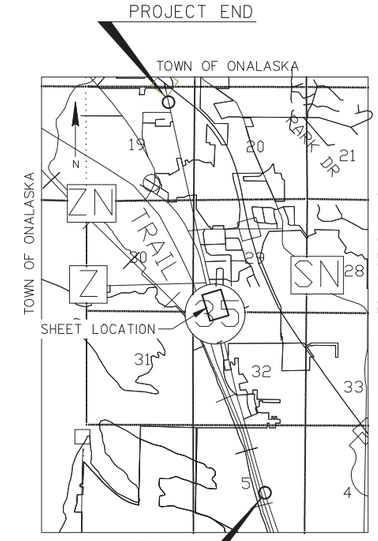
NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS
212	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
CENTURYLINK	NO EASEMENT OF RECORD FOUND	28 & 29
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	61

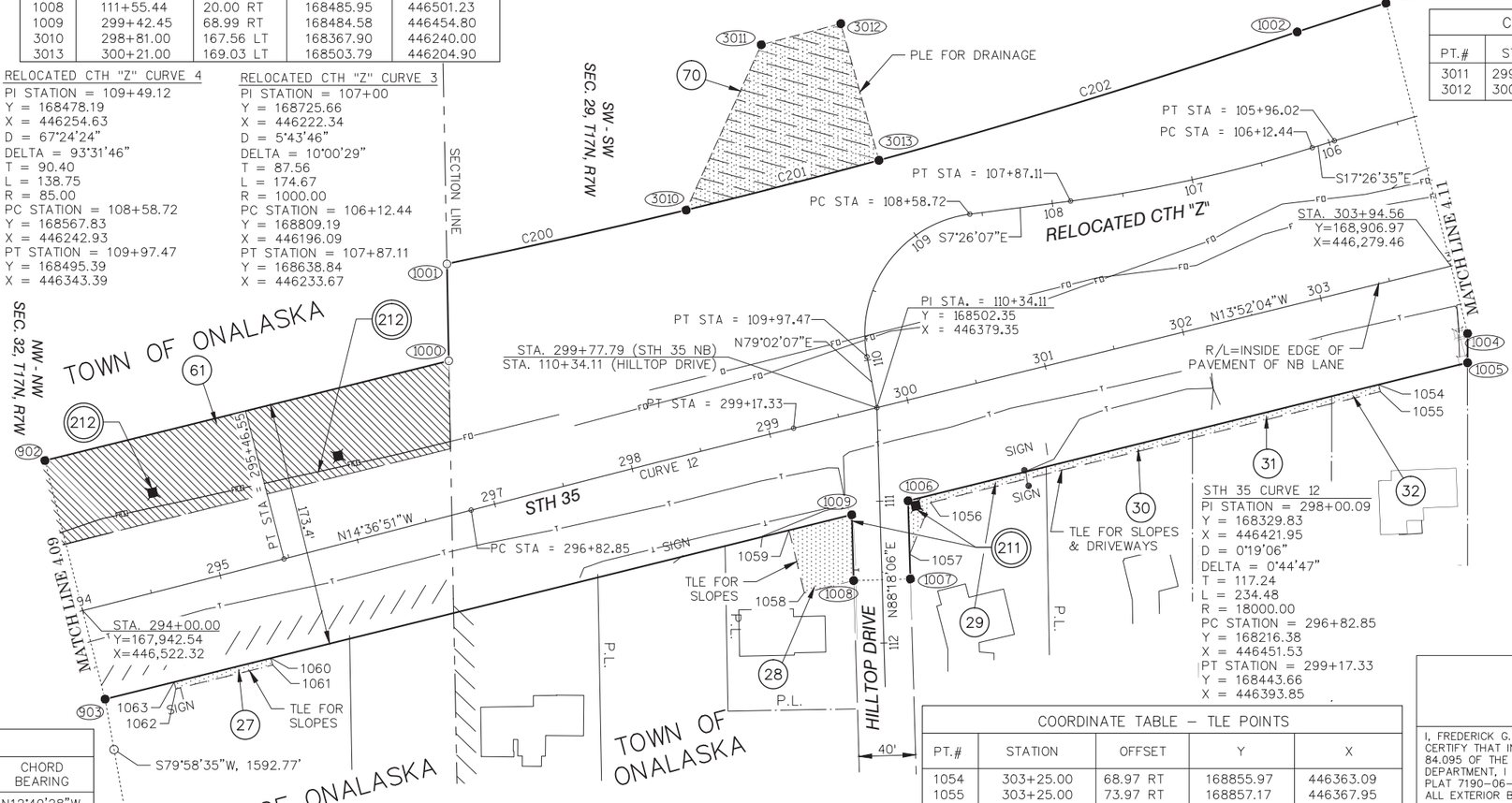


COORDINATE TABLE – R/W POINTS

PT.#	STATION	OFFSET	Y	X
902	294+00.00	109.04 LT	167915.88	446416.58
903	294+00.00	64.40 RT	167958.28	446584.76
1000	296+94.07	105.83 LT	168200.60	446346.28
1001	297+09.85	172.33 LT	168199.28	446277.92
1002	105+98.02	81.16 RT	168798.63	446114.34
1003	105+34.76	82.75 RT	168861.19	446094.03
1004	303+94.56	48.96 RT	168918.71	446327.00
1005	303+89.62	68.96 RT	168918.71	446347.60
1006	299+83.37	68.98 RT	168524.30	446444.99
1007	111+55.44	20.00 LT	168525.94	446500.04
1008	111+55.44	20.00 RT	168485.95	446501.23
1009	299+42.45	68.99 RT	168484.58	446454.80
3010	298+81.00	167.56 LT	168367.90	446240.00
3013	300+21.00	169.03 LT	168503.79	446204.90

RELOCATED CTH "Z" CURVE 4
PI STATION = 109+49.12
Y = 168478.19
X = 446254.63
D = 67°24'24"
DELTA = 93°31'46"
T = 90.40
L = 138.75
R = 85.00
PC STATION = 108+58.72
Y = 168567.83
X = 446242.93
PT STATION = 109+97.47
Y = 168495.39
X = 446343.39

RELOCATED CTH "Z" CURVE 3
PI STATION = 107+00
Y = 168725.66
X = 446222.34
D = 5°43'46"
DELTA = 10°00'29"
T = 87.56
L = 174.67
R = 1000.00
PC STATION = 106+12.44
Y = 168809.19
X = 446196.09
PT STATION = 107+87.11
Y = 168638.84
X = 446233.67



COORDINATE TABLE – PLE POINTS

PT.#	STATION	OFFSET	Y	X
3011	299+60.00	268.00 LT	168420.85	446123.43
3012	300+18.00	269.00 LT	168476.92	446108.56

PLE COURSE TABLE

PT. TO PT.	DIRECTION	DISTANCE
3010 TO 3011	N65°34'25"W	128.03'
3011 TO 3012	N14°51'19"W	58.01'
3012 TO 3013	N74°24'48"E	100.02'

R/W COURSE TABLE

PT. TO PT.	DIRECTION	DISTANCE
902 TO 1000	N13°52'14"W	293.27'
1000 TO 1001	S88°53'37"W	68.37'
1002 TO 1003	N17°58'47"W	65.78'
1003 TO 1004	N76°07'56"E	239.96'
1004 TO 1005	N90°00'00"E	20.60'
1005 TO 1006	S13°52'14"E	406.25'
1006 TO 1007	N88°18'05"E	55.08'
1007 TO 1008	S1°41'54"E	40.00'
1008 TO 1009	S88°18'05"W	46.45'
1009 TO 903	S13°52'14"E	542.11'
903 TO 902	S75°51'08"W	173.44'

R/W CURVE TABLE

CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C200	1°59'46"	86.43'	4,961.07'	172.84'	172.83'	N12°40'28"W
C201	1°37'15"	70.18'	4,961.07'	140.35'	140.35'	N14°28'58"W
C202	3°33'45"	154.29'	4,961.07'	308.48'	308.43'	N17°04'29"W

COORDINATE TABLE – TLE POINTS

PT.#	STATION	OFFSET	Y	X
1054	303+25.00	68.97 RT	168855.97	446363.09
1055	303+25.00	73.97 RT	168857.17	446367.95
1056	299+98.51	73.98 RT	168540.20	446446.22
1057	111+37.99	20.00 LT	168525.42	446482.60
1058	111+62.99	55.01 RT	168451.19	446509.81
1059	298+96.85	68.98 RT	168440.38	446465.71
1060	295+20.00	65.38 RT	168075.20	446555.89
1061	295+20.00	70.38 RT	168076.45	446560.73
1062	294+50.00	69.71 RT	168008.23	446577.58
1063	294+50.00	64.71 RT	168006.99	446572.73

S¼ CORNER SEC. 29
FOUND BERNTSEN MONUMENT
Y = 168,235.50
X = 448,153.21

QUARTER SECTION LINE
N0°42'12"W, 5260.92'

N¼ CORNER SEC. 29
FOUND BRASS CAP MONUMENT
Y = 173,496.02
X = 448,088.65

GN
SCALE, FEET
0 50' 100'

STH 35 CURVE 12
PI STATION = 298+00.09
Y = 168329.83
X = 446421.95
D = 0°19'06"
DELTA = 0°44'47"
T = 117.24
L = 234.48
R = 18000.00
PC STATION = 296+82.85
Y = 168216.38
X = 446451.53
PT STATION = 299+17.33
Y = 168443.66
X = 446393.85

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190–06–21–4.10, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
57	WILLIAM D. & NICOLE S. OSGOOD	TLE	--	--	--	0.01	--
34	RONALD E. JR. & CHARLENE K. BUSHMAN	TLE	--	--	--	0.02	--
35	DAVID V. & BERTHA A. IRISH	TLE	--	--	--	0.02	--
36	PAUL SPORS, SR.	TLE	--	--	--	0.02	--
37	WILLIAM R. & JOYCE E. CROTHERS	FEE,TLE	0.01	--	0.01	0.03	--
38	RAYMOND T. MAYBANKS	FEE,TLE	0.01	--	0.01	0.01	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.11

LOCATED IN LOT 1 OF CSM V.3, P.156, DOC.993704, IN AND INCLUDING PART OF THE SW-SW; ALSO LOCATED IN THE NW-SW, ALL IN SECTION 29, T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

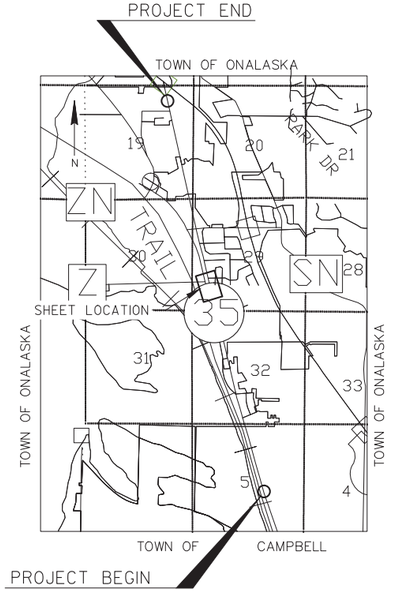
DOCUMENT #1651489

FILED IN TPP CAB. P.56A

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.11

PROJECT END

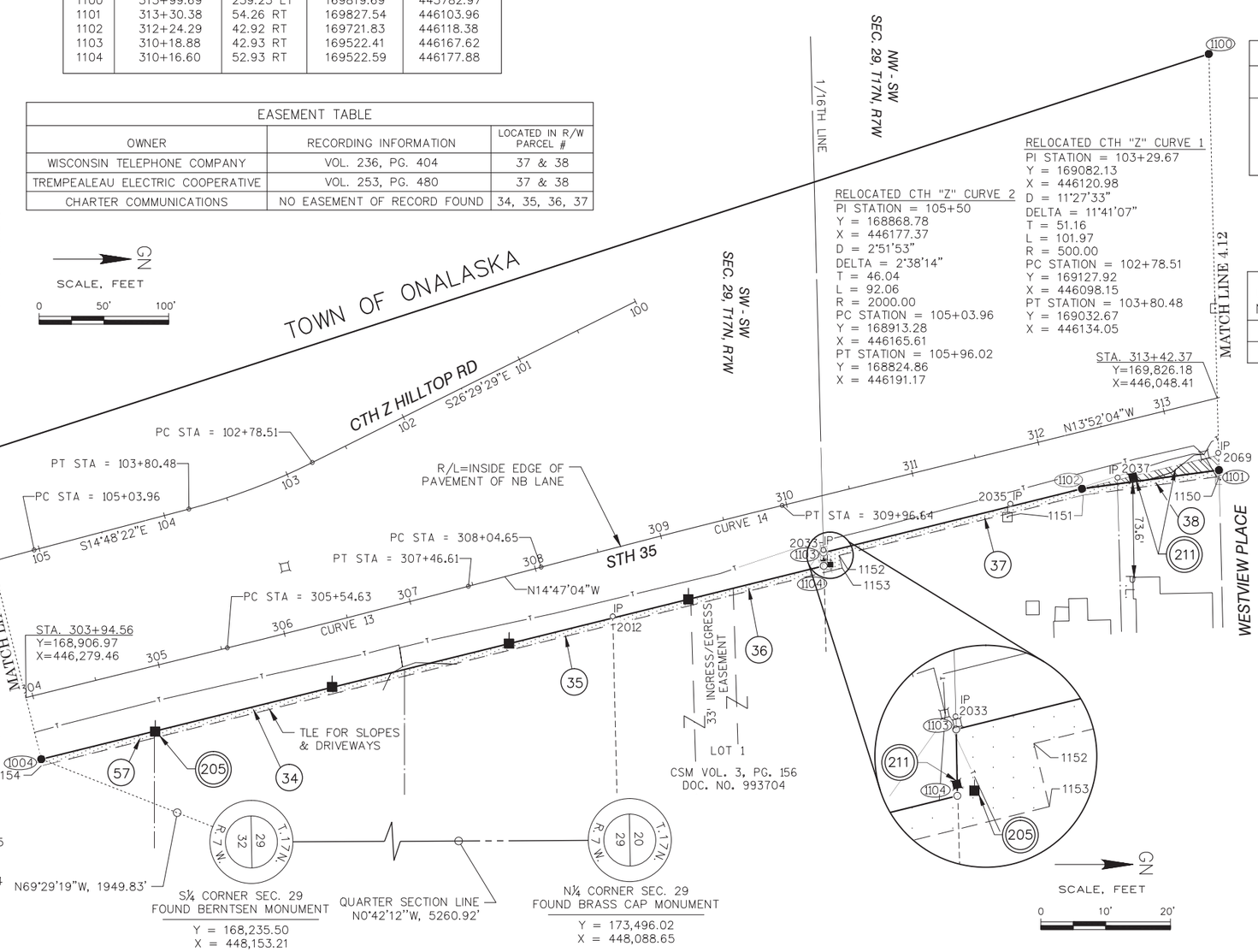


PROJECT BEGIN

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1003	105+34.76	82.75 RT	168861.20	446094.03
1004	303+94.56	48.96 RT	168918.71	446327.00
1100	313+99.69	259.25 LT	169819.69	445782.97
1101	313+30.38	54.26 RT	169827.54	446103.96
1102	312+24.29	42.92 RT	169721.83	446118.38
1103	310+18.88	42.93 RT	169522.41	446167.62
1104	310+16.60	52.93 RT	169522.59	446177.88

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
WISCONSIN TELEPHONE COMPANY	VOL. 236, PG. 404	37 & 38
TREMPEALEAU ELECTRIC COOPERATIVE	VOL. 253, PG. 480	37 & 38
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	34, 35, 36, 37

GN
SCALE, FEET
0 50' 100'



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1003 TO 1100	N17°58'47"W	1007.71'
1100 TO 1101	N88°36'00"E	321.08'
1101 TO 1102	S7°46'12"E	106.69'
1102 TO 1103	S13°52'14"E	205.41'
1103 TO 1104	N88°58'02"E	10.26'
1104 TO 1004	S13°52'14"E	622.02'
1004 TO 1003	S76°07'56"W	239.96'

STH 35 CURVE 13
PI STATION = 306+50.62
Y = 169155.57
X = 446218.09
D = 0°28'39"
DELTA = 0°55'00"
T = 95.99
L = 191.98
R = 12000.00
PC STATION = 305+54.63
Y = 169062.38
X = 446241.10
PT STATION = 307+46.61
Y = 169248.39
X = 446193.59

STH 35 CURVE 14
PI STATION = 309+00.65
Y = 169397.33
X = 446154.29
D = 0°28'39"
DELTA = 0°55'00"
T = 95.99
L = 191.98
R = 12000.00
PC STATION = 308+04.65
Y = 169304.51
X = 446178.78
PT STATION = 309+96.64
Y = 169490.52
X = 446131.28

RELOCATED CTH "Z" CURVE 2
PI STATION = 105+50
Y = 168868.78
X = 446177.37
D = 2°51'53"
DELTA = 2°38'14"
T = 46.04
L = 92.06
R = 2000.00
PC STATION = 105+03.96
Y = 168913.28
X = 446165.61
PT STATION = 105+96.02
Y = 168824.86
X = 446191.17

RELOCATED CTH "Z" CURVE 1
PI STATION = 103+29.67
Y = 169082.13
X = 446120.98
D = 11°27'33"
DELTA = 11°41'07"
T = 51.16
L = 101.97
R = 500.00
PC STATION = 102+78.51
Y = 169127.92
X = 446098.15
PT STATION = 103+80.48
Y = 169032.67
X = 446134.05

STA. 313+42.37
Y=169,826.18
X=446,048.41

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1150	313+29.29	59.17 RT	169827.66	446108.99
1151	312+24.03	47.92 RT	169722.77	446123.30
1152	310+30.00	47.93 RT	169534.40	446169.82
1153	310+30.00	57.93 RT	169536.80	446179.53
1154	303+93.32	53.96 RT	168918.71	446332.15

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS
205	RIVERLAND ENERGY COOPERATIVE	RELEASE OF RIGHTS

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2012	308+48.52	50.86 RT	169359.74	446216.89
2033	310+19.29	40.98 RT	169522.33	446165.64
2035	311+67.85	40.99 RT	169666.57	446130.04
2037	312+53.10	41.17 RT	169749.38	446109.78
2069	313+33.06	41.25 RT	169827.02	446090.69

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

JEWELL
associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.11, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
39	DARREL R. & JUDITH A. BURKHARDT	TLE	--	--	--	0.02	--
40	ALFREDO RESPICIO, JR. & SANDRA L. RESPICIO	TLE	--	--	--	0.02	--
41	LINDA LANCOUR & WILLIAM KLEINSCHMIDT	FEE,TLE	0.01	--	0.01	0.03	--
42	MICHAEL J. & ANGELA D. HORGE	TLE	--	--	--	0.02	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.12

LOCATED IN LOT 1 OF BLOCK 1 AND LOT 1 OF BLOCK 2 OF THE CLOVERDALE ADDITION, IN AND INCLUDING PART OF THE NW-SW IN SECTION 29, T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1650547
FILED IN TPP CAB., P. 51B

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

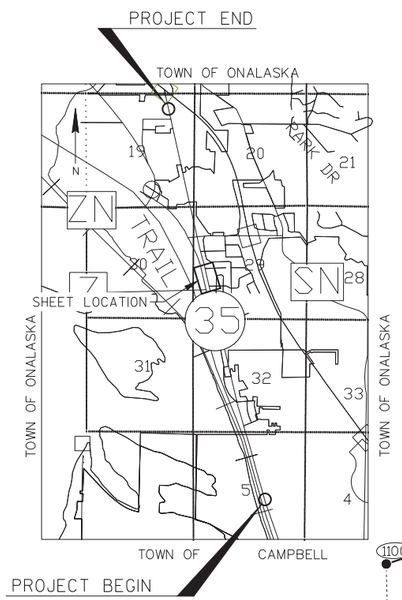
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.12

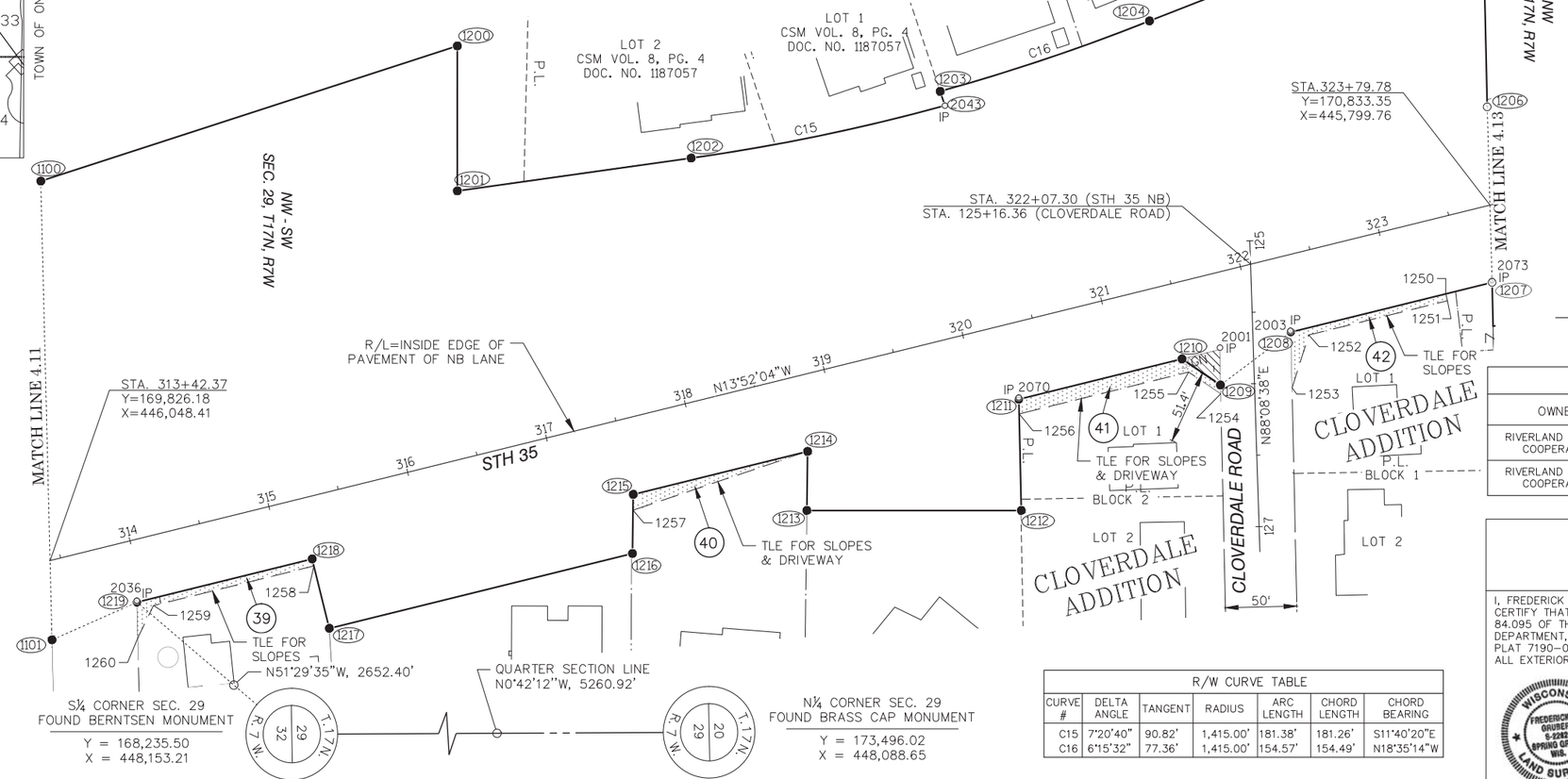
COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1100	313+99.69	259.25 LT	169819.69	445782.98
1200	317+05.24	281.22' LT	170111.06	445688.42
1201	316+80.93	182.76 LT	170111.06	445789.84
1202	318+45.21	165.88 LT	170274.59	445766.85
2043	320+26.33	158.93 LT	170452.11	445730.18
1203	320+25.48	169.46 LT	170448.76	445720.17
1204	321+79.45	182.17 LT	170595.19	445670.92
1205	324+27.33	214.68 LT	170828.06	445579.95
1206	323+94.38	67.13 LT	170831.43	445731.09
1207	323+68.28	52.87 RT	170834.86	445853.85
1208	322+23.27	52.88 RT	170694.08	445888.61
1209	126+00.18	23.75 RT	170644.87	445925.66
1210	321+44.89	52.88 RT	170617.98	445907.41
1211	320+27.30	52.89 RT	170503.82	445935.60
1212	320+10.30	128.85 RT	170505.52	446013.42
1213	318+64.67	92.89 RT	170355.52	446013.42
1214	318+75.11	52.89 RT	170356.07	445972.08
1215	317+49.46	52.90 RT	170234.09	446002.20
1216	317+39.02	92.90 RT	170233.53	446043.54
1217	315+20.63	92.91 RT	170021.51	446095.89
1218	315+20.63	42.91 RT	170009.53	446047.35
1219	313+94.33	42.92 RT	169886.91	446077.63
1101	313+30.38	54.26 RT	169827.54	446103.96

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1250	323+34.91	52.87 RT	170802.46	445861.85
1251	323+34.91	57.87 RT	170803.66	445866.70
1252	322+34.96	57.88 RT	170706.62	445890.66
1253	126+03.78	26.22 LT	170694.93	445927.63
1254	126+06.32	23.81 RT	170645.01	445931.79
1255	321+47.16	62.88 RT	170622.58	445916.56
1256	320+25.06	62.89 RT	170504.04	445945.83
1257	317+46.68	63.54 RT	170233.94	446013.19
1258	315+20.63	47.91 RT	170010.72	446052.20
1259	314+05.04	47.92 RT	169898.51	446079.91
1260	313+88.93	67.34 RT	169887.52	446102.62

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
P.T.#	STATION	OFFSET	Y	X
2001	321+72.56	51.64 RT	170644.54	445899.56
2003	322+23.22	51.97 RT	170693.81	445887.74
2036	313+94.56	41.90 RT	169886.89	446076.58
2043	320+26.33	158.93 LT	170452.11	445730.18
2070	320+27.51	51.81 RT	170503.76	445934.50
2073	323+68.62	51.38 RT	170834.83	445852.32

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.





R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1100 TO 1200	N17°58'47"W	306.33'
1200 TO 1201	N90°00'00"E	101.42'
1201 TO 1202	N8°00'01"W	165.14'
2043 TO 1203	S71°30'12"W	10.56'
1204 TO 1205	N21°20'22"W	250.01'
1205 TO 1206	N88°43'19"E	151.18'
1206 TO 1207	N88°24'03"E	122.81'
1207 TO 1208	S13°52'14"E	145.01'
1208 TO 1209	S36°58'30"E	61.59'
1209 TO 1210	S34°10'09"W	32.50'
1210 TO 1211	S13°52'14"E	117.59'
1211 TO 1212	N88°44'56"E	77.84'
1212 TO 1213	S0°00'00"W	150.00'
1213 TO 1214	N89°14'00"W	41.34'
1214 TO 1215	S13°52'14"E	125.65'
1215 TO 1216	S89°14'00"E	41.34'
1216 TO 1217	S13°52'14"E	218.39'
1217 TO 1218	S76°07'46"W	50.00'
1218 TO 1219	S13°52'14"E	126.30'
1219 TO 1101	S23°55'23"W	64.95'
1101 TO 1100	S88°36'00"W	321.08'

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C15	7°20'40"	90.82'	1,415.00'	181.38'	181.26'	S11°40'20"E
C16	6°15'32"	77.36'	1,415.00'	154.57'	154.49'	N18°35'14"W

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
RIVERLAND ENERGY COOPERATIVE	VOL. 253, PG. 480	39, 40, 41, & 42
RIVERLAND ENERGY COOPERATIVE	DOC. # 881763, VOL. 608, PG. 196	41

SCALE, FEET
0 50' 100'

JEWELL associates engineers, Inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.12, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
59	NELS L. HOLLEY	TLE	--	--	--	0.02	--
58	NEITZEL REALTY & DEVELOPMENT CORP.	FEE,TLE	0.08	--	0.08	0.02	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.13

PART OF THE SW 1/4 OF THE NW1/4 OF SECTION 29, TOWN 17 NORTH, RANGE 7 WEST, TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

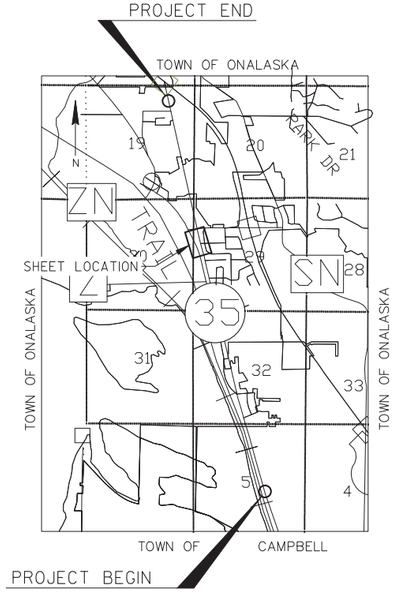
DOCUMENT #1651490

FILED IN TPP CAB. P.56B

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.13

PROJECT END



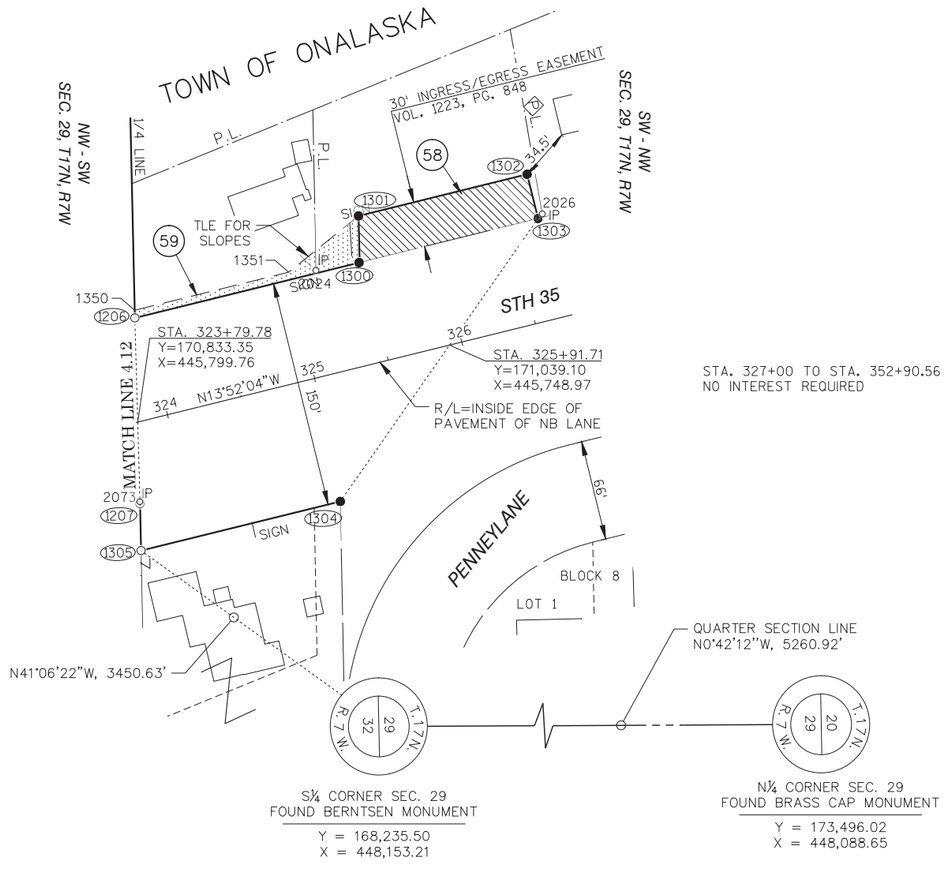
PROJECT BEGIN

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1206	323+94.38	67.13 LT	170831.43	445731.08
1207	323+68.28	52.87 RT	170834.86	445853.85
1300	325+47.15	67.14 LT	170979.75	445694.46
1301	325+53.85	97.14 LT	170979.06	445663.73
1302	326+68.42	97.15 LT	171090.30	445636.26
1303	326+68.42	67.15 LT	171097.49	445665.39
1304	324+97.03	82.86 RT	170967.04	445852.11
1305	323+61.57	82.87 RT	170835.53	445884.58

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1350	323+95.50	72.13 LT	170831.32	445725.97
1351	325+00.23	72.14 LT	170932.99	445700.86

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2024	325+17.92	68.93 LT	170950.94	445699.73
2026	326+71.97	69.36 LT	171100.40	445662.39
2073	323+68.62	51.38 RT	170834.83	445852.32

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.



STA. 327+00 TO STA. 352+90.56
NO INTEREST REQUIRED

S¼ CORNER SEC. 29
FOUND BERNTSEN MONUMENT
Y = 168,235.50
X = 448,153.21

N¼ CORNER SEC. 29
FOUND BRASS CAP MONUMENT
Y = 173,496.02
X = 448,088.65

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1206 TO 1300	N13°52'14"W	152.77'
1300 TO 1301	S88°42'50"W	30.74'
1301 TO 1302	N13°52'14"W	114.58'
1302 TO 1303	N76°07'46"E	30.00'
1303 TO 1304	S55°03'39"E	227.77'
1304 TO 1305	S13°52'14"E	135.46'
1305 TO 1207	S88°44'56"W	30.74'
1207 TO 1206	S88°24'03"W	122.81'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
NEITZEL REALTY & DEVELOPMENT CORP.	VOL. 1223, PG. 848	58
RIVERLAND ENERGY COOPERATIVE	DOC. #590882	58
	DOC. #591808	58

GN

SCALE, FEET

0 50' 100'

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.13, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.14

LOCATED IN LOT 1 OF CSM V.2, P.65, DOC.928673, IN THE SE-SE OF SECTION 19, T17N, R7W, IN THE TOWN OF ONALASKA; ALSO LOCATED IN THE SE-SE OF SECTION 19, T17N, R7W, IN THE VILLAGE OF HOLMEN, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA–USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651491

FILED IN TPP CAB. P.57A

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.14

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	T.L.E. ACRES	P.L.E. ACRES
43	HERITAGE VILLAGE COMMUNITY, LLC	FEE,TLE	0.01	--	0.01	0.01	--
44	COULEE REGION ACRES, INC.	FEE,TLE	0.14	--	0.14	0.09	--
56	ONALASKA MOBILE HOME SALES, INC.	TLE	--	--	--	0.21	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

NOTE: THE TLE AREA WHICH FALLS WITHIN THE BUILDING NEAR STA. 362+55, 90' LEFT, IS EXCLUDED FROM THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
202	XCEL ENERGY – ELECTRIC	RELEASE OF RIGHTS
211	CENTURYLINK	RELEASE OF RIGHTS
212	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS
215	XCEL ENERGY – GAS	RELEASE OF RIGHTS

COORDINATE TABLE – R/W POINTS

PT.#	STATION	OFFSET	Y	X
1400	352+90.55	69.27 LT	173644.07	445036.56
1401	362+75.00	69.32 LT	174599.81	444800.56
1402	362+75.00	57.75 RT	174630.27	444923.93
1403	355+50.00	57.75 RT	173926.40	445097.70
1404	354+57.13	64.99 RT	173837.98	445126.99
1405	353+88.82	66.57 RT	173772.02	445144.90
1406	353+74.76	50.72 RT	173754.57	445132.88
1407	352+90.56	50.73 RT	173672.83	445153.07

COORDINATE TABLE – TLE POINTS

PT.#	STATION	OFFSET	Y	X
1450	353+90.00	69.28 LT	173740.62	445012.72
1451	353+89.03	109.28 LT	173730.09	444974.12
1452	354+00.33	109.28 LT	173741.06	444971.41
1453	354+42.05	69.26 LT	173791.15	445000.26
1454	354+39.38	79.28 LT	173786.16	444991.18
1455	362+02.75	79.32 LT	174527.27	444808.18
1456	362+00.17	69.30 LT	174527.17	444818.52
1457	362+38.87	99.32 LT	174557.54	444780.10
1458	362+60.29	99.32 LT	174578.34	444774.96
1459	362+60.29	76.49 LT	174583.81	444797.12
1460	355+50.19	62.75 RT	173927.79	445102.51
1461	354+55.89	70.10 RT	173837.99	445132.25
1462	353+87.37	72.48 RT	173772.05	445150.98
1463	353+72.51	55.72 RT	173753.59	445138.27
1464	352+90.56	55.73 RT	173674.04	445157.92
1465	362+75.00	76.35 LT	174598.12	444793.73
1466	362+75.00	62.75 RT	174631.46	444928.78

R/W COURSE TABLE

PT. TO PT.	DIRECTION	DISTANCE
1400 TO 1401	N13°52'14"W	984.45'
1401 TO 1402	N76°07'56"E	127.07'
1402 TO 1403	S13°52'04"E	725.00'
1403 TO 1404	S18°19'31"E	93.15'
1404 TO 1405	S15°11'42"E	68.34'
1405 TO 1406	S34°33'14"W	21.19'
1406 TO 1407	S13°52'14"E	84.20'
1407 TO 1400	S76°07'46"W	120.00'

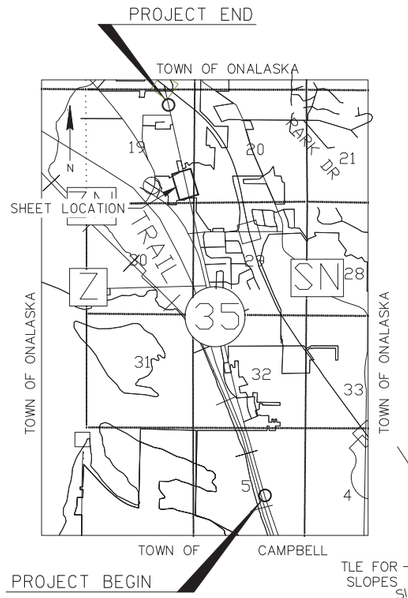
COORDINATE TABLE – FOUND SURVEY MONUMENTS

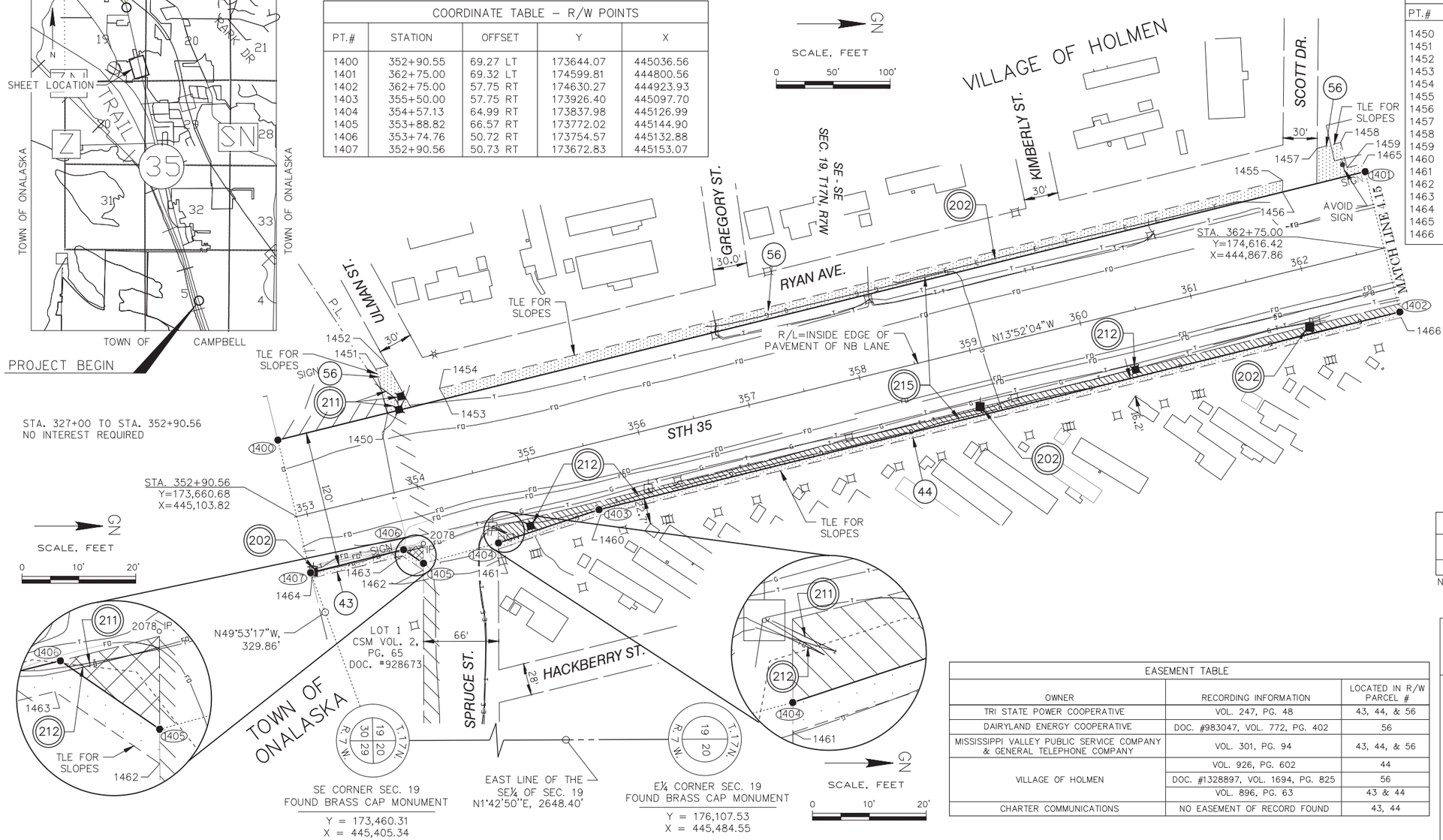
PT.#	STATION	OFFSET	Y	X
2078	353+92.89	49.84 RT	173771.98	445127.68

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
TRI STATE POWER COOPERATIVE	VOL. 247, PG. 48	43, 44, & 56
DAIRYLAND ENERGY COOPERATIVE	DOC. #983047, VOL. 772, PG. 402	56
MISSISSIPPI VALLEY PUBLIC SERVICE COMPANY & GENERAL TELEPHONE COMPANY	VOL. 301, PG. 94	43, 44, & 56
VILLAGE OF HOLMEN	VOL. 926, PG. 602	44
	DOC. #1328897, VOL. 1694, PG. 825	56
	VOL. 896, PG. 63	43 & 44
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	43, 44





I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.14, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

APPRAISAL PLAT DATE:

4.14

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
44	COULEE REGION ACRES, INC.	FEE,TLE	0.71	--	0.71	0.02	--
45	MATHEW V. KLINE	TLE	--	--	--	0.07	--
46	WILLIAM G. WELCH, JR.	TLE	--	--	--	0.01	--
47	MICHAEL & JENNIFER TAUSCHER	TLE	--	--	--	0.01	--
56	ONALASKA MOBILE HOME SALES, INC.	FEE,TLE	0.37	--	0.37	0.03	--
54	MCHUGH FAMILY TRUST	FEE,AR,TLE	0.25	--	0.25	0.05	

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
202	XCEL ENERGY – ELECTRIC	RELEASE OF RIGHTS
211	CENTURYLINK	RELEASE OF RIGHTS
212	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS
215	XCEL ENERGY – GAS	RELEASE OF RIGHTS

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.15

LOCATED IN LOTS 1 AND 2 OF BLOCK 3 OF THE WALDEN ACRES ADDITION, IN AND INCLUDING PART OF THE NE-SE; ALSO LOCATED IN THE SE-SE, ALL IN SECTION 19, T17N, R7W, IN THE VILLAGE OF HOLMEN; ALSO LOCATED IN LOT 3 OF BLOCK 3 OF THE WALDEN ACRES ADDITION IN THE NE-SE OF SECTION 19, T17N, R7W, IN THE TOWN OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA–USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

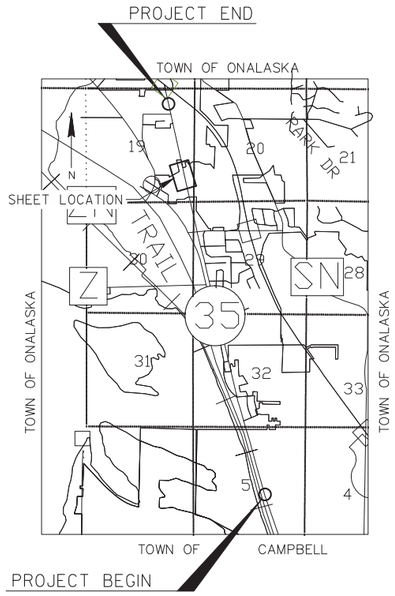
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1651492

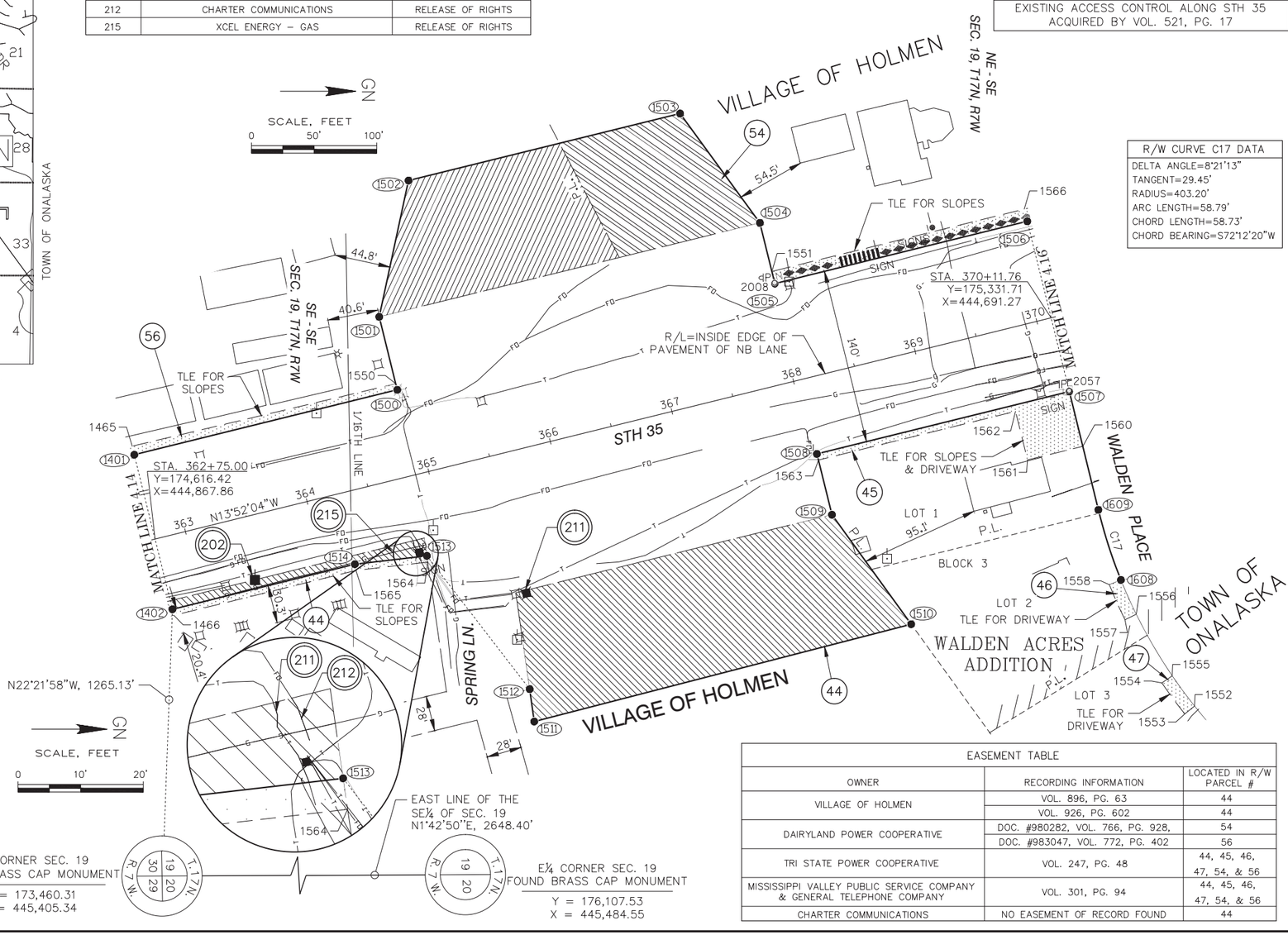
FILED IN TPP CAB. P.57B

ACCEPTED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN, AT 8:01 A.M. ON FEBRUARY 5, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.15



EXISTING ACCESS CONTROL ALONG STH 35 ACQUIRED BY VOL. 521, PG. 17



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1401 TO 1500	N13°52'14"W	216.23'
1500 TO 1501	S76°07'46"W	60.00'
1501 TO 1502	N77°51'51"W	111.25'
1502 TO 1503	N13°52'14"W	223.31'
1503 TO 1504	N53°52'35"E	108.03'
1504 TO 1505	N76°07'46"E	50.00'
1505 TO 1506	N13°52'14"W	207.53'
1506 TO 1507	N76°07'46"E	140.00'
1507 TO 1508	S13°52'14"E	207.53'
1508 TO 1509	N76°07'46"E	50.00'
1509 TO 1510	N54°05'36"E	107.91'
1510 TO 1511	S14°28'11"E	310.83'
1511 TO 1512	S82°02'04"W	26.09'
1512 TO 1513	S52°21'24"W	134.33'
1513 TO 1514	S6°37'09"E	57.90'
1514 TO 1402	S13°52'04"E	150.00'
1402 TO 1401	S76°07'56"W	127.07'

R/W CURVE C17 DATA
DELTA ANGLE=8°21'13"
TANGENT=29.45'
RADIUS=403.20'
ARC LENGTH=58.79'
CHORD LENGTH=58.73'
CHORD BEARING=S72°12'20"W

COORDINATE TABLE – FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2008	368+04.23	80.12 LT	175111.02	444663.23
2057	370+11.76	59.91 RT	175346.07	444749.44

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

COORDINATE TABLE – R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1401	362+75.00	69.32 LT	174599.82	444800.57
1402	362+75.00	57.75 RT	174630.28	444923.93
1500	364+91.23	69.33 LT	174809.73	444748.73
1501	364+91.23	129.33 LT	174795.35	444690.48
1502	365+40.00	229.31 LT	174818.74	444581.71
1503	367+63.31	229.32 LT	175035.54	444528.18
1504	368+04.23	129.34 LT	175099.22	444615.44
1505	368+04.23	79.34 LT	175111.21	444663.98
1506	370+11.75	79.35 LT	175312.69	444614.23
1507	370+11.76	60.65 RT	175346.25	444750.15
1508	368+04.24	60.66 RT	175144.77	444799.90
1509	368+04.24	110.66 RT	175156.76	444848.44
1510	368+44.73	210.68 RT	175220.05	444935.85
1511	365+33.92	213.94 RT	174919.07	445013.51
1512	365+36.60	187.99 RT	174915.46	444987.67
1513	364+82.44	65.06 RT	174833.42	444881.31
1514	364+25.00	57.75 RT	174775.90	444887.98

COORDINATE TABLE – TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1465	362+75.00	76.35 LT	174598.12	444793.73
1466	362+75.00	62.75 RT	174631.46	444928.78
1550	364+91.23	74.31 LT	174808.54	444743.89
1551	368+04.23	89.33 LT	175108.82	444654.29
1552	370+48.65	328.31 RT	175446.21	445001.18
1553	370+39.56	332.50 RT	175438.39	445007.41
1554	370+27.75	304.12 RT	175420.13	444982.69
1555	370+37.12	300.62 RT	175428.38	444977.05
1556	370+21.02	245.99 RT	175399.66	444927.87
1557	370+11.26	248.13 RT	175390.69	444932.29
1558	370+05.80	217.88 RT	175378.14	444904.24
1559	370+15.69	216.47 RT	175387.41	444900.50
1560	370+11.72	105.66 RT	175357.00	444793.87
1561	369+66.27	105.62 RT	175312.86	444804.72
1562	369+66.27	65.67 RT	175303.28	444765.93
1563	368+04.24	65.67 RT	175145.98	444804.77
1564	364+81.95	70.03 RT	174834.13	444886.25
1565	364+24.68	62.75 RT	174776.79	444892.91

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
VILLAGE OF HOLMEN	VOL. 896, PG. 63	44
	VOL. 926, PG. 602	44
DAIRYLAND POWER COOPERATIVE	DOC. #980282, VOL. 766, PG. 928,	54
	DOC. #983047, VOL. 772, PG. 402	56
TRI STATE POWER COOPERATIVE	VOL. 247, PG. 48	44, 45, 46, 47, 54, & 56
MISSISSIPPI VALLEY PUBLIC SERVICE COMPANY & GENERAL TELEPHONE COMPANY	VOL. 301, PG. 94	44, 45, 46, 47, 54, & 56
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD FOUND	44

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.15, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 1/15/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/16/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

4.15

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
51	MIDWAY ON THE HILL, LLC	TLE	--	--	--	0.01	--
52	DONALD V. & MYRA B. JOHNSON	TLE	--	--	--	0.01	--
53	FRANCIS J. DELORES A. BROWN	TLE	--	--	--	0.01	--
54	MCHUGH FAMILY TRUST	FEE,TLE	0.03	--	0.03	0.06	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 – 4.16 AMENDMENT NO. 1

AMENDS PARCEL 54 OF TRANSPORTATION PROJECT PLAT 7190-06-21 – 4.16 RECORDED AS DOCUMENT #1651493.

LOCATED IN LOT 1 OF BLOCK 1 OF THE WALDEN ACRES ADDITION IN AND INCLUDING PART OF THE NE-SE OF SECTION 19, T17N, R7W, IN THE VILLAGE OF HOLMEN; ALSO LOCATED IN THE NE-SE OF SECTION 19, T17N, R7W, IN THE TOWN OF ONALASKA, ALL IN LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

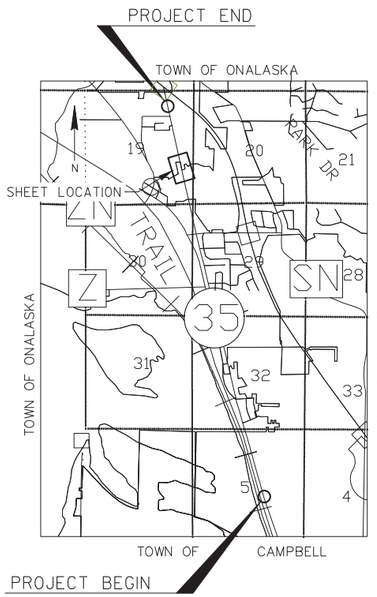
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

DOCUMENT #1658572 FILED IN TPP CAB 67B WAS RECORDED IN LA CROSSE COUNTY

ON 6/25/2015

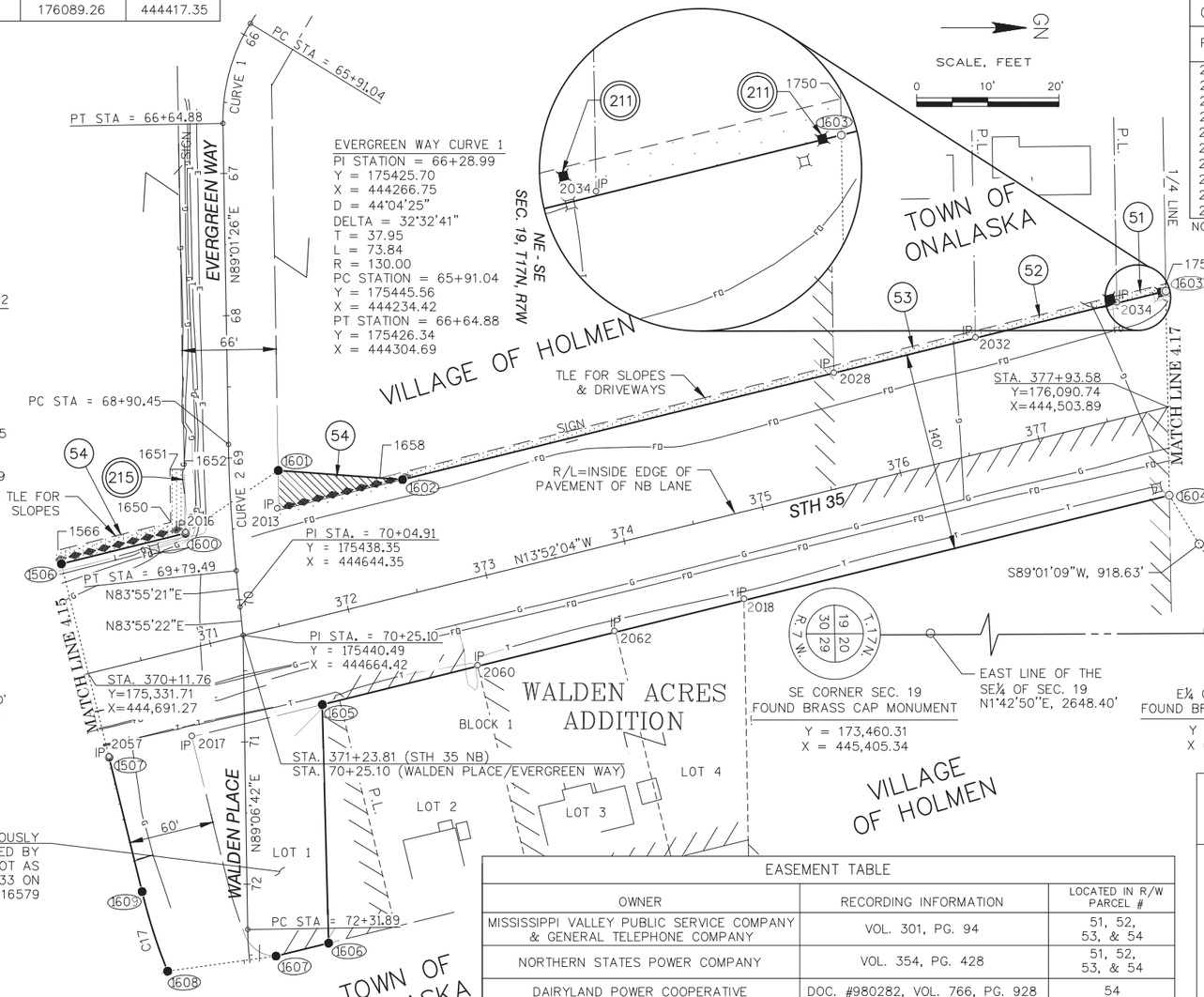
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.16
AMENDMENT NO. 1

COORDINATE TABLE – TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1566	370+11.75	89.34 LT	175310.29	444604.54
1650	370+93.47	89.34 LT	175389.63	444584.95
1651	371+01.79	125.57 LT	175389.02	444547.78
1652	371+11.66	123.31 LT	175399.14	444547.62
1658	372+43.62	84.35 LT	175536.59	444553.81
1750	378+12.88	84.37 LT	176089.26	444417.35



EVERGREEN WAY CURVE 2
PI STATION = 69+35
Y = 175430.94
X = 444574.77
D = 5°43'46"
DELTA = 5°06'05"
T = 44.55
L = 89.04
R = 1000.00
PC STATION = 68+90.45
Y = 175430.18
X = 444530.23
PT STATION = 69+79.49
Y = 175435.66
X = 444619.07

EVERGREEN WAY CURVE 1
PI STATION = 66+28.99
Y = 175425.70
X = 444266.75
D = 44°04'25"
DELTA = 32°32'41"
T = 37.95
L = 73.84
R = 130.00
PC STATION = 65+91.04
Y = 175445.56
X = 444234.42
PT STATION = 66+64.88
Y = 175426.34
X = 444304.69



COORDINATE TABLE – R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1506	370+11.75	79.35 LT	175312.68	444614.24
1507	370+11.76	60.65 RT	175346.25	444750.16
1600	371+01.61	79.36 LT	175399.91	444592.69
1601	371+75.53	106.57 LT	175465.16	444548.56
1602	372+58.88	79.37 LT	175552.59	444554.99
1603	378+11.74	79.39 LT	176089.34	444422.46
1604	377+79.71	60.61 RT	176091.80	444566.05
1605	371+66.19	60.64 RT	175496.17	444713.13
1606	72+45.87	56.44 LT	175500.61	444880.77
1607	72+52.64	18.74 LT	175463.61	444889.88
1608	72+54.52	58.16 RT	175387.41	444900.50
1609	72+04.13	73.81 RT	175369.46	444844.58

R/W CURVE TABLE						
CURVE #	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C17	8°21'13"	29.45	403.20'	58.79'	58.73'	S72°12'20"W

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS
215	XCEL – GAS	RELEASE OF RIGHTS

EXISTING ACCESS CONTROL ALONG STH 35 ACQUIRED BY VOL. 521, PG. 16 AND VOL. 521, PG. 17

COORDINATE TABLE – FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2013	371+68.45	80.93 LT	175464.43	444575.15
2016	371+01.82	80.30 LT	175399.90	444591.73
2017	370+71.76	60.01 RT	175404.34	444735.15
2018	374+71.88	59.54 RT	175792.69	444638.79
2028	375+71.29	79.67 LT	175855.84	444479.81
2032	376+73.90	79.90 LT	175955.40	444455.00
2034	377+76.36	80.00 LT	176054.84	444430.35
2057	370+11.76	59.91 RT	175346.07	444749.44
2060	372+78.75	59.95 RT	175605.28	444685.48
2062	373+77.92	59.64 RT	175701.49	444661.41

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1506 TO 1600	N13°52'14"W	89.85'
1600 TO 1601	N34°04'24"W	78.77'
1601 TO 1602	N4°12'25"E	87.67'
1602 TO 1603	N13°52'14"W	552.87'
1603 TO 1604	N89°01'09"E	143.62'
1604 TO 1605	S13°52'14"E	613.52'
1605 TO 1606	N88°28'57"E	167.70'
1606 TO 1607	S13°49'00"E	38.11'
1607 TO 1608	S7°56'09"E	76.93'
1609 TO 1507	S76°11'04"W	97.23'
1507 TO 1506	S76°07'46"W	140.00'

SE CORNER SEC. 19
FOUND BRASS CAP MONUMENT
Y = 173,460.31
X = 445,405.34

EAST LINE OF THE SE¼ OF SEC. 19
N1°42'50"E, 2648.40'

E¼ CORNER SEC. 19
FOUND BRASS CAP MONUMENT
Y = 176,107.53
X = 445,484.55

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
MISSISSIPPI VALLEY PUBLIC SERVICE COMPANY & GENERAL TELEPHONE COMPANY	VOL. 301, PG. 94	51, 52, 53, & 54
NORTHERN STATES POWER COMPANY	VOL. 354, PG. 428	51, 52, 53, & 54
DAIRYLAND POWER COOPERATIVE	DOC. #980282, VOL. 766, PG. 928	54
TRI STATE POWER COOPERATIVE	VOL. 247, PG. 48	51, 52, 53, & 54

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.16, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

(SIGNATURE) Frederick G. Gruber DATE 6/18/15
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 6/24/15
(PRINTED NAME) CORY SCHLAGE

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
50	MARILYN F. FILLER	TLE	--	--	--	0.10	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.17

LOCATED IN THE SE-NE OF SECTION 19, T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

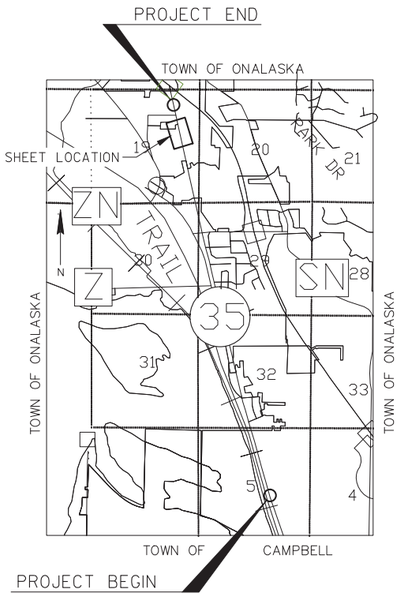
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

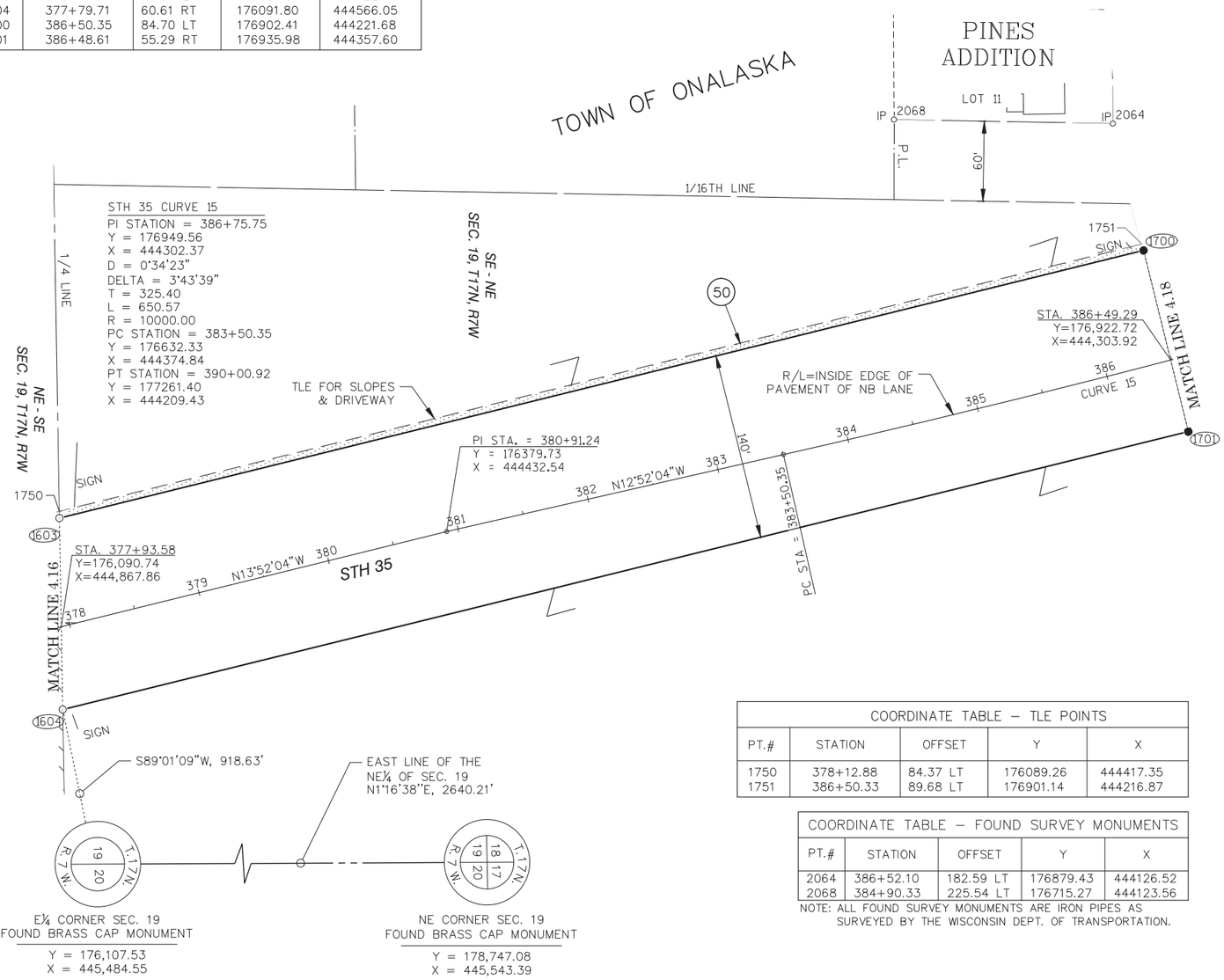
DOCUMENT #1650548
FILED IN TPP CAB., P. 52A

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.17



COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1603	378+11.74	79.39 LT	176089.34	444422.45
1604	377+79.71	60.61 RT	176091.80	444566.05
1700	386+50.35	84.70 LT	176902.41	444221.68
1701	386+48.61	55.29 RT	176935.98	444357.60



R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1603 TO 1700	N13°52'14"W	837.49'
1700 TO 1701	N76°07'46"E	140.00'
1701 TO 1604	S13°52'14"E	869.53'
1604 TO 1603	S89°01'09"W	143.62'

COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1750	378+12.88	84.37 LT	176089.26	444417.35
1751	386+50.33	89.68 LT	176901.14	444216.87

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2064	386+52.10	182.59 LT	176879.43	444126.52
2068	384+90.33	225.54 LT	176715.27	444123.56

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

JEWELL associates engineers, inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.17, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGE

APPRAISAL PLAT DATE:

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			T.L.E. ACRES	P.L.E. ACRES
			NEW	EXISTING	TOTAL		
48	SUSAN D. SCHULTZ	TLE	--	--	--	0.04	--
49	DIANE J. CULBERT	FEE,TLE	0.05	--	0.05	0.05	--
50	MARILYN F. FILLER	FEE	0.06	--	0.06	--	--

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

TRANSPORTATION PROJECT PLAT NO: 7190-06-21 - 4.18

LOCATED IN LOT 1 OF THE LAKE FOREST ADDITION, IN AND INCLUDING PART OF THE SW-NE; ALSO PART OF THE SE-NE OF SECTION 19, ALL IN T17N, R7W, IN THE TOWN OF ONALASKA, LA CROSSE COUNTY, WISCONSIN.

RELOCATION ORDER STH 35, ONALASKA-USH 53, LA CROSSE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.30, AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

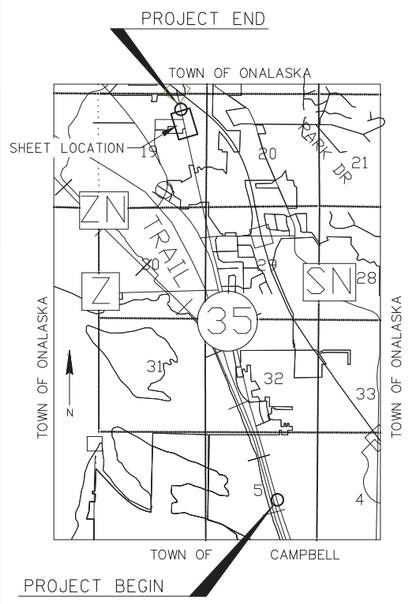
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT 7190-06-21-4.01, RECORDED AS DOCUMENT #1647192 AND FILED IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY.

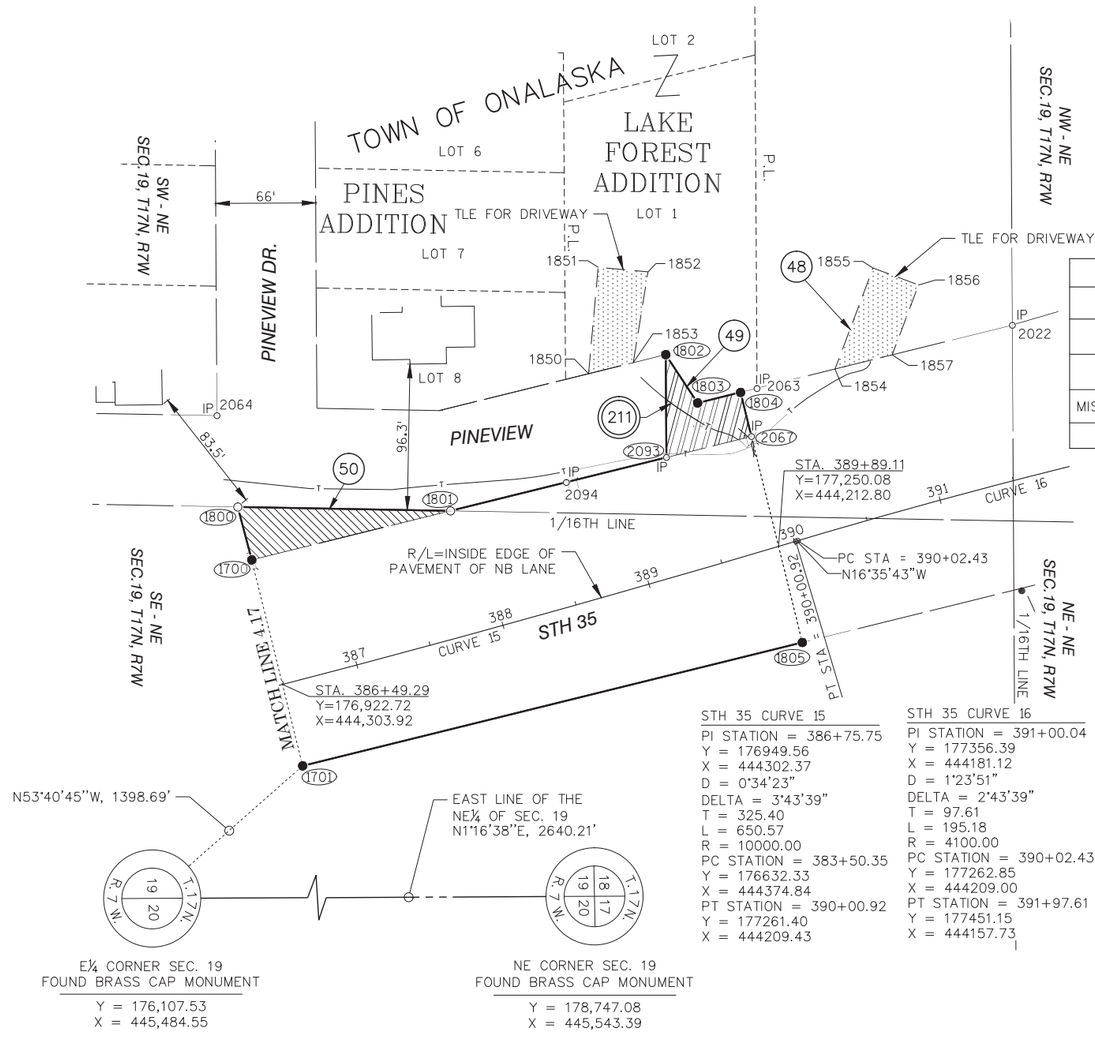
DOCUMENT #1650549
FILED IN TPP CAB., P. 52B

ACCEPTED FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS IN LA CROSSE COUNTY, WISCONSIN AT 10:25 A.M. ON JANUARY 13, 2015.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 7190-06-21-4.18

COORDINATE TABLE - R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1700	386+50.35	84.70 LT	176902.41	444221.68
1701	386+48.61	55.29 RT	176935.97	444357.60
1800	386+50.19	120.81 LT	176893.17	444186.77
1801	387+86.52	82.09 LT	177033.54	444189.30
1802	389+53.21	142.45 LT	177175.61	444086.24
1803	389+64.58	105.91 LT	177196.67	444118.14
1804	389+94.01	104.61 LT	177224.97	444111.13
1805	389+86.10	65.21 RT	177265.73	444276.18
2067	389+92.60	74.64 LT	177232.16	444140.26
2093	389+34.43	77.16 LT	177176.07	444154.11





COORDINATE TABLE - TLE POINTS				
PT.#	STATION	OFFSET	Y	X
1850	389+00.03	144.56 L	177124.68	444098.82
1851	389+26.03	210.27 L	177131.01	444028.60
1852	389+57.39	198.15 L	177163.89	444031.64
1853	389+30.79	143.37 L	177154.14	444091.54
1854	390+56.91	101.93 L	177287.35	444095.73
1855	390+97.64	159.43 L	177312.43	444029.06
1856	391+22.71	140.76 L	177342.38	444040.33
1857	390+94.78	100.78 L	177325.04	444086.42

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #
DAIRYLAND POWER COOPERATIVE & RIVERLAND ENERGY COOPERATIVE	VOL. 247, PG. 49	48 & 49
DAIRYLAND POWER COOPERATIVE	VOL. 233, PG. 327	48 & 49
MISSISSIPPI VALLEY PUBLIC SERVICE COMPANY	VOL. 238, PG. 126	48 & 49
CENTURYLINK	DOC. #816202, VOL. 508, PG. 186	49

R/W COURSE TABLE		
PT. TO PT.	DIRECTION	DISTANCE
1800 TO 1801	N1°01'59"E	140.39'
1801 TO 2093	N13°52'14"W	146.81'
2093 TO 1802	S89°36'46"W	67.87'
1802 TO 1803	N56°34'15"E	38.22'
1803 TO 1804	N13°54'23"W	29.16'
1804 TO 2067	N76°07'46"E	30.00'
2067 TO 1805	N76°07'46"E	140.00'
1805 TO 1701	S13°52'14"E	339.66'
1701 TO 1700	S76°07'46"W	140.00'
1700 TO 1800	S75°10'19"W	36.11'

COORDINATE TABLE - FOUND SURVEY MONUMENTS				
PT.#	STATION	OFFSET	Y	X
2022	391+74.49	99.71 LT	177404.28	444066.66
2063	38+22.80	10.27 RT	177235.85	444108.57
2064	201+14.87	31.72 RT	176879.43	444126.52
2067	389+92.60	74.64 LT	177232.16	444140.26
2093	389+34.43	77.16 LT	177176.07	444154.11
2094	388+65.82	79.58 LT	177109.97	444170.57

NOTE: ALL FOUND SURVEY MONUMENTS ARE IRON PIPES AS SURVEYED BY THE WISCONSIN DEPT. OF TRANSPORTATION.

STH 35 CURVE 15
PI STATION = 386+75.75
Y = 176949.56
X = 444302.37
D = 0°34'23"
DELTA = 3°43'39"
T = 325.40
L = 650.57
R = 10000.00
PC STATION = 383+50.35
Y = 176632.33
X = 444374.84
PT STATION = 390+00.92
Y = 177261.40
X = 444209.43

STH 35 CURVE 16
PI STATION = 391+00.04
Y = 177356.39
X = 444181.12
D = 1°23'51"
DELTA = 2°43'39"
T = 97.61
L = 195.18
R = 4100.00
PC STATION = 390+02.43
Y = 177262.85
X = 444209.00
PT STATION = 391+97.61
Y = 177451.15
X = 444157.73

GN

SCALE, FEET
0 50' 100'

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
211	CENTURYLINK	RELEASE OF RIGHTS

JEWELL
associates engineers, Inc.
Engineers - Planners - Surveyors

I, FREDERICK G. GRUBER, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 7190-06-21-4.18, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

(SIGNATURE) Frederick G. Gruber DATE 12/31/14
(PRINTED NAME) FREDERICK G. GRUBER
(REGISTRATION NUMBER) S-2282

WISCONSIN FREDERICK G. GRUBER S-2282 SPRING GREEN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

(SIGNATURE) Cory Schlagel DATE 1/5/15
(PRINTED NAME) CORY SCHLAGEL

APPRAISAL PLAT DATE:

4.18

PLAN AND PROFILE NOTES:

(1) VERIFY LOCATION OF C/L ENTRANCE PRIOR TO PLACEMENT WITH PROJECT ENGINEER. IF NO CORNER RADIUS (CR) IS INDICATED USE STANDARD 10 FOOT. SEE CONSTRUCTION DETAIL FOR ENTRY LAYOUT.

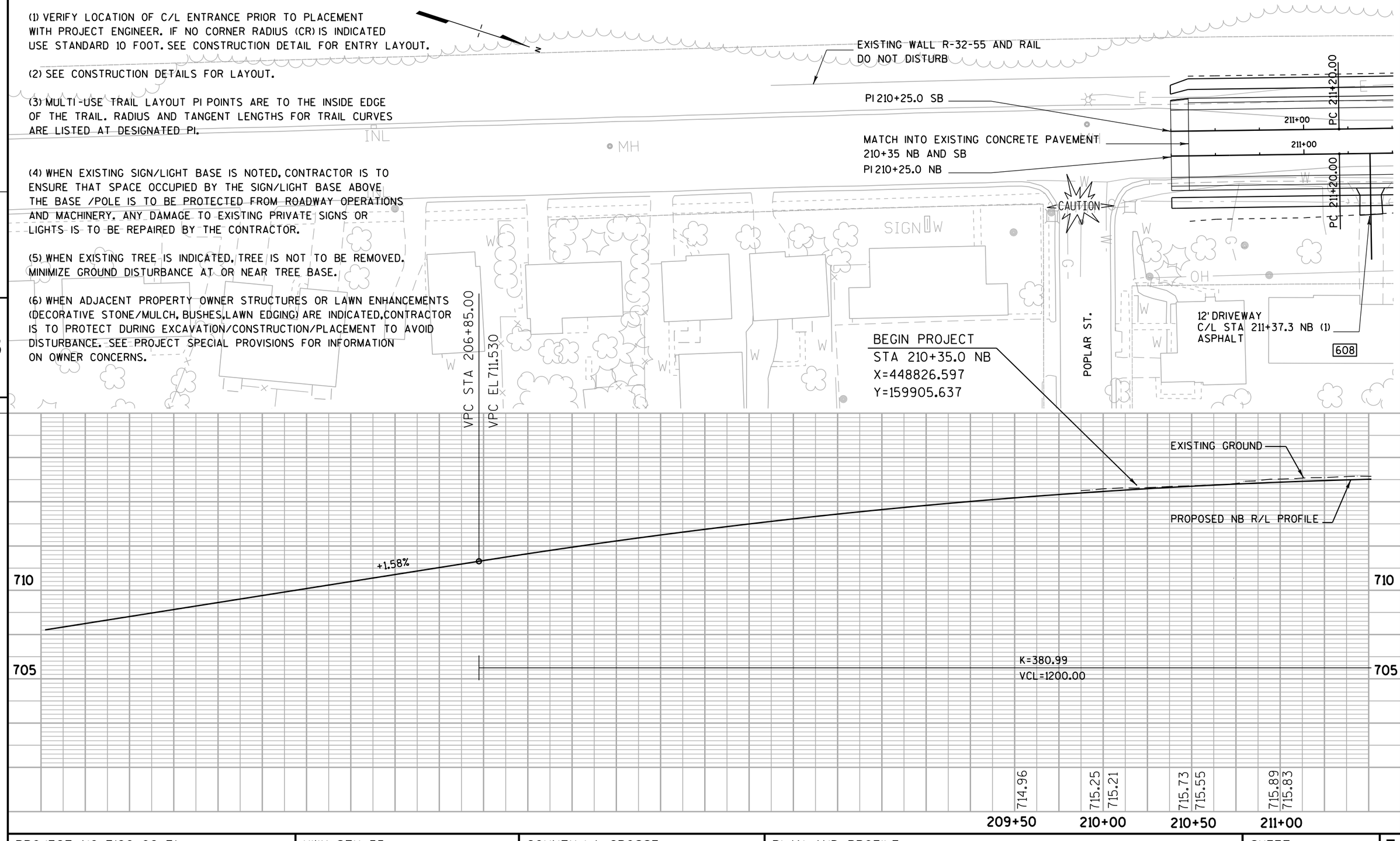
(2) SEE CONSTRUCTION DETAILS FOR LAYOUT.

(3) MULTI-USE TRAIL LAYOUT PI POINTS ARE TO THE INSIDE EDGE OF THE TRAIL. RADIUS AND TANGENT LENGTHS FOR TRAIL CURVES ARE LISTED AT DESIGNATED PI.

(4) WHEN EXISTING SIGN/LIGHT BASE IS NOTED, CONTRACTOR IS TO ENSURE THAT SPACE OCCUPIED BY THE SIGN/LIGHT BASE ABOVE THE BASE /POLE IS TO BE PROTECTED FROM ROADWAY OPERATIONS AND MACHINERY. ANY DAMAGE TO EXISTING PRIVATE SIGNS OR LIGHTS IS TO BE REPAIRED BY THE CONTRACTOR.

(5) WHEN EXISTING TREE IS INDICATED, TREE IS NOT TO BE REMOVED. MINIMIZE GROUND DISTURBANCE AT OR NEAR TREE BASE.

(6) WHEN ADJACENT PROPERTY OWNER STRUCTURES OR LAWN ENHANCEMENTS (DECORATIVE STONE/MULCH, BUSHES, LAWN EDGING) ARE INDICATED, CONTRACTOR IS TO PROTECT DURING EXCAVATION/CONSTRUCTION/PLACEMENT TO AVOID DISTURBANCE. SEE PROJECT SPECIAL PROVISIONS FOR INFORMATION ON OWNER CONCERNS.



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

EXISTING WALL R-32-55 AND RAIL
DO NOT DISTURB

UTILITY POLE #6AA21
TO BE RELOCATED
BY OTHERS

UTILITY POLE #60021
TO BE RELOCATED
BY OTHERS

TLE

MEDIAN WIDTH
TRANSITION POINT
AT SB PC

UTILITY POLE #93
TO BE RELOCATED
BY OTHERS

STA 213+32.33 SB

PC 211+20.00
PI 211+59.93
PT 211+99.86
PC 215+89.64
PI 216+71.48
PT 217+53.29
PC 217+54.00
PI 218+11.17

PI 10+00.030
=217+28.44 SB

PC 10+20.000

PC 211+20.00
PI 211+60.00
PT 212+00.00
PC 213+32.47
PI 216+00.00

14'
20'

CAUTION
CAUTION

BEGIN MEDIAN WIDTH TRANSITION

BM 910

STA 217+53.29 NB
MEDIAN WIDTH
TRANSITION POINT

CURB RAMP
TYPE 2

CURB RAMP
TYPE 2

PI 10+83.67

R/W

EXISTING SIGN(4)

12' DRIVEWAY
C/L STA 211+37.3 NB (1)
ASPHALT

12' DRIVEWAY
C/L STA 211+67.5 NB (1)
ASPHALT

12' DRIVEWAY
C/L 215+15.4 NB (1)
AGGREGATE

30' DRIVEWAY
C/L 215+62 NB (1) (2)
ASPHALT

UTILITY POLE #93A
TO BE RELOCATED
BY OTHERS

PT 11+46.40

TLE

24' DRIVEWAY
C/L 11+69.9 Q (1)
15' WEST/9' EAST OF C/L
ASPHALT

TLE

QUINCY STREET

NO.	STA.	BM DESCRIPTION	ELEV.
910	216+91 NB RT48'	CHIZ X ON HYD RIMBOLT AT STH 35 & QUINCY	716.69

VPI STA 212+85.00
VPI ELEV 721.016

EXISTING GROUND

212+87.22
716.291

PROPOSED NB R/L PROFILE

K = 380.89
VCL 1200.00

211+00	211+50	212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00
715.84	716.22	716.34	716.39	716.56	716.54	716.39	716.23	715.91	715.50	715.01	714.55	713.54	713.54	712.88
715.83	716.04	716.19	716.27	716.29	716.24	716.12	715.94	715.70	715.38	715.01	714.56	714.05	713.48	712.84

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050102_pp.dgn PLOT DATE : 15-SEP-2015 10:23 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

STA 218+75.0 SB
BEGIN MEDIAN WIDTH
TRANSITION

BM 1012

CURB RAMP
TYPE 2

UTILITY POLE # 6AA1
TO BE RELOCATED
BY OTHERS

EXISTING WOOD FENCE
TO BE REMOVED

END MEDIAN WIDTH
TRANSITION TAPER
STA 221+75.0 SB

PI 19+47.01R

UTILITY POLE # 96
TO BE RELOCATED
BY OTHERS

FENCING (6)
223+60 NB TO 224+80 NB RT
DO NOT DISTURB EXISTING
FENCE LINE

PI 218+11.17
PT 218+68.33
PI 218+75.00
PC 19+84.36R
STA 222+56.57 SB=
STA 19+97.42 R
PC 223+71.41
PI 225+21.04
PI 221+75.00
STA 221+74.01 NB
PI 20+19.10
PT 218+67.37
PT 20+53.15
PC 223+70.42
PI 225+20.25

CURB RAMP
TYPE 5

CURB RAMP
TYPE 7B

TREES (5)

CR1
CR2
CR3
CR4

10' MULTI-USE TRAIL (SEE CR TABLE)

10' MULTI-USE TRAIL (SEE RS TABLE 1)

RS1
RS2
RS3

CURB
RAMP
TYPE 2

TLE

STA 218+74.04 NB
BEGIN MEDIAN WIDTH
TRANSITION

EXISTING SIGN (4)

28' DRIVEWAY
C/L STA 218+86.0 NB (1)
ASPHALT

42' DRIVEWAY
C/L STA 220+57 NB (1)
ASPHALT

EXISTING SIGN WITH
STONE BASE (4)

38' DRIVEWAY
C/L 21+18 R (1)
14' WEST/24' EAST
ASPHALT

STA 222+53.89 NB=
STA 20+13.52 R
UTILITY POLE # 9G4
TO REMAIN BEHIND NEW
CURB AND CUTTER

14' DRIVEWAY
C/L STA 223+46.7
NB (1) GRASS

TRAIL LAYOUT TABLE
CR TABLE (3)

POINT	LOCATION
CR1	220+06.0 NB RT 27.5'
CR2	221+77.6 NB RT 27.5', R=55', T=10.6'
CR3	221+97.6 NB RT 35.5' R=25', T=4.8'
CR4	222+05.5 NB RT 35.5'

TRAIL LAYOUT TABLE
RS TABLE 1 (3)

POINT	LOCATION
RS1	222+67.7 NB RT 35.35'
RS2	222+75.5 NB RT 35.35', R=95', T=4.74'
RS3	223+55.5 NB RT 27.5', R=105', T=5.24'

CONTINUE 5' OFFSET PARALLEL FROM
BACK OF CURB TO RS4

TREES (5)
MINIMIZE DISTURBANCE TO
LIMBS OVERHANGING WORK ZONE

DO NOT DISTURB
EXISTING FENCE(6)

14' DRIVEWAY
C/L 21+27 R (1)
CONCRETE

NO.	STA.	BM DESCRIPTION	ELEV.
1012	219+75	CHIZ X ON BOLT ON FISH IN WAYSIDE	707.39

FULL CURB HEIGHT
POINT. VERIFY END POINT
TO MATCH PARKING LAYOUT
20+99.0 R

ROYAL STREET

VPT STA 218+85.00
VPT EL711.600

EXISTING GROUND

-1.57 %

PROPOSED NB R/L PROFILE

K=380.99
VCL=1200.00

VCL 500
K=2565.22

VPC STA 223+55.00
VPC EL704.224

712.88	712.84	712.13	712.13	711.50	711.36	710.78	710.58	709.91	709.80	709.09	709.01	708.23	708.23	707.53	707.44	706.63	706.66	705.81	705.87	704.96	705.09	704.01	703.08	703.28	703.52	702.46	702.75	701.56	701.99	700.94	701.24
218+00		218+50		219+00		219+50		220+00		220+50		221+00		221+50		222+00		222+50		223+00		223+50		224+00		224+50		225+00		225+50	

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

R/W

UTILITY POLE #97
GRADING/SLOPE AND UTILITY WORK
AROUND BASE. TO BE RELOCATED
BY OTHERS

STA 227+00
MGS GUARDRAIL
TERMINAL EAT

UTILITY POLE #98
GRADING/SLOPE AND UTILITY WORK
AROUND BASE
TO BE RELOCATED BY OTHERS

GREAT RIVER STATE TRAIL

UTILITY POLE #PPOL 222
GRADING/SLOPE AND UTILITY
WORK AROUND BASE. TO
BE RELOCATED BY OTHERS

SELECT BORROW
STA 232+50 SB
TO 235+50 SB

R/W

MGS GUARDRAIL 3

SI

PT 226+70.66

PI 30+00.00
=229+91.75 SB

PC 30+21.96
=229+91.17 NB

PT 226+70.07

5'

WALL F ALIGNMENT

RS4

RS5

RS6

10' MULTI-USE TRAIL(SEE RS TABLE 2)

ST2
ST1
PI 30+56.90

ST3
10' MULTI-USE TRAIL (SEE ST TABLE 1)

R/W
TLE

PT 30+91.39

PRIVATE WALL
AND DECORATIVE STONE
SEE PAGE NOTE

35' DRIVEWAY
C/L STA 226+94 NB (1)(2)
ASPHALT

826

35' DRIVEWAY
C/L STA 227+88 NB (1)(2)
ASPHALT

830

TRAIL LAYOUT TABLE

RS TABLE 2 (3)

POINT	LOCATION
RS4	227+22.2 NB RT 27.5'
RS5	228+29.7 NB RT 36.5'
RS6	229+46.8 NB RT 36.5'

CURB
RAMPS
TYPE 2

SPRUCE STREET

UTILITY POLE (GRADING/SLOPE
WORK AROUND BASE)
UTILITY POLE
#PPOL 2KK2
TO BE RELOCATED
BY OTHERS

EXISTING BUSINESS
SIGN (4)

35' DRIVEWAY
C/L 232+71. NB (1)
ASPHALT

916/926

BUSHES (6)
224+90 NB TO
225+80 NB
DO NOT DISTURB

LAWN STONE
STRUCTURE (6)
DO NOT DISTURB
DURING SLOPE WORK

TREES (5)
NEAR SLOPE INTERCEPT

VCL 500.00
K = 2565.22

VCL 500.0
K=215.10

PROPOSED NB R/L PROFILE

EXISTING GROUND

VPI STA 226+05.00
VPI EL 700.300

VPT STA 228+55.00
VPT EL 696.864

VPC STA 230+73.00
VPC EL 693.867

-1.37 %

TRAIL LAYOUT TABLE

ST TABLE 1(3)

POINT	LOCATION
ST1	230+10.7 NB RT 36.5'
ST2	230+20.5 NB RT 36.5'
ST3	231+10.5 NB RT 27.5'

CONTINUE 5' OFFSET PARALLEL
FROM BACK OF CURB TO ST4

PAGE NOTE:

INSTALLATION OF R-32-70 TO ACCOMODATE
TRAIL NEXT TO PROPERTY WALKWAY AND
WALL. SEE WALL 'F' LAYOUT FOR
CONSTRUCTION NOTES

| | | |

GREAT RIVER STATE TRAIL

PLE

PLE

SELECT BORROW
STA 232+50 SB
TO 235+50 SB

R/W

EXISTING DRAINAGE
STRUCTURE
236+43 NB LT
52'. DO NOT DISTURB

UTILITY POLE*99
IN SELECT BORROW AREA
STABILIZATION/ADJUSTMENT
BY OTHERS DURING BORROW
PLACEMENT AND UTILITY WORK.

MGS GUARDRAIL 3

PI 5+00.00

OVERLOOK
REFERENCE LINE 'OL'

UTILITY POLE
ADJUSTMENT
REQ'D. ACCESS
RADIUS AROUND
EXISTING POLE

PI 39+67.18

PI 5+60.00 'OL'

STA 237+00
MGS GUARDRAIL
TERMINAL EAT

UTILITY POLE *PPOL215
ADJUSTMENT REQUIRED

SCENIC OVERLOOK

DO NOT DISTURB EXISTING FENCE

PC 236+61.35

PI 238+01.14

PT 239+40.92

PC 239+61.04

STA 237+90.51 SB
= STA 40+00.0 T

PC 40+08.69

PC 236+60.76

STA 237+90.11 NB
= STA 40+16.0 T

PI 6+52.98

PI 238+00.74

PI 40+46.06

(SEE TR TABLE 1) TR3

TR1

TR2

PT 239+40.71

PC 239+60.83

10' MULTI-USE TRAIL

10' MULTI-USE TRAIL (SEE ST TABLE 2)

ST4

ST5

ST6

TLE

FLAG POLE AND ENTRY
FENCE (6) DO NOT DISTURB

35' DRIVEWAY
C/L STA 232+71.0 NB (1)
ASPHALT

916/926

TRAIL LAYOUT TABLE
ST TABLE 2 (3)

POINT	LOCATION
ST4	235+45.7 NB RT 27.5'
ST5	236+53.7 NB RT 36.5'
ST6	237+45.1 NB RT 36.5'

R/W

TLE

45' DRIVEWAY
C/L STA 235+44.8 NB (1)
ASPHALT

950

UTILITY POLE * 495
TO BE REMOVED BY OTHERS

CURB RAMPS,TYPE 2

EXISTING SIGN WITH
AIR STATION (4)

UTILITY POLE * PPOL252
TO REMAIN BEHIND NEW
CURB & GUTTER

6+52.98 'OL'

PT 40+82.87

TROY STREET

TRAIL LAYOUT TABLE
TR TABLE 1 (3)

POINT	LOCATION
TR1	238+17.2 NB RT 36.5'
TR2	238+29.5 NB RT 36.5'
TR3	239+19.5 NB RT 27.5'

CONTINUE 5' OFFSET PARALLEL
FROM BACK OF CURB TO TR4

TLE

TLE

R/W

30' DRIVEWAY
C/L STA 239+38 NB (1)
ASPHALT

VCL 500.00

K = 215.10

PROPOSED NB R/L PROFILE

+0.95 %

EXISTING GROUND

233+68.66
691.835

VPI STA 233+23.00
EL690.431

STA 233+24 NB
EXISTISNG 48" SSPRC
TO BE REMOVED
(FL=683.3)

STA 234+24 NB
EXISTING 24" SSPRC
TO BE REMOVED

VPT STA 235+73.00
VPT EL692.806

| | | |

NO.	STA.	BM DESCRIPTION	ELEV.
1011	240+56 NB LT 82'	CHIZ X IN CONC SLAB AT NORTH END OF NORTH WAYSIDE ON STH 35	695.79

DO NOT DISTURB EXISTING FENCE

SCENIC OVERLOOK

BM 1011

SI

STA 247+09.38 SB
=STA 49+99.77 SR

PI 241+01.21

PT 242+41.37

PI 241+00.81

PI 242+40.78

5'

10' MULTIUSE TRAIL

TR4

TR5

TR6

CAUTION

3+00

4+00

5+00

6+00

PI 3+00.00

PI 4+20.15

PI 5+28.52

PI 6+01.37

SI

R/W

TLE

10' MULTIUSE TRAIL (SEE TR TABLE 2)

STA 247+08.34 NB
=STA 50+15.78 SR

CURB RAMPS
TYPE 2

16' DRIVEWAY
C/L STA 241+41.5 NB (1)
ASPHALT

14' DRIVEWAY
C/L STA 242+42.0 NB (1)(2)
AGGREGATE

WALL A ALIGNMENT

TRAIL LAYOUT TABLE

TR TABLE 2 (3)	
POINT	LOCATION
TR4	243+89.7 NB RT 36.5'
TR5	244+97.7 NB RT 36.5'
TR6	246+66.1 NB RT 36.5"

EXISTING SIGN (4)
ENSURE SIGN BASE
IS NOT DISTURBED FOR
WALL EXCAVATION

SCHNICK ROAD

240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 50+00

5

5

PROPOSED NB R/L PROFILE

EXISTING GROUND

+0.95 %

+0.95 %

VPC STA 247+09.00
VPC EL 703.598

670
695
690

695.93 696.59 696.48 697.05 696.97 697.50 697.57 697.96 698.18 698.41 698.62 698.87 699.14 699.32 699.65 699.78 700.28 700.23 700.75 700.69 701.31 701.14 701.85 701.60 702.45 702.05 702.94 702.51 703.41 702.96

240+00 240+50 241+00 241+50 242+00 242+50 243+00 243+50 244+00 244+50 245+00 245+50 246+00 246+50 247+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050106_pp.dgn PLOT DATE : 16-SEP-2015 09:16 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

UTILITY POLE IN FILL/SELECT BORROW LOCATION
ADJUSTMENT BY OTHERS

STA 247+09.38 SB
=STA 49+99.77 SR

SELECT BORROW
STA 250+15 SB TO
STA 254+44 SB

MGS GUARDRAIL
TERMINAL EAT

SI

UTILITY POLE IN FILL/SELECT BORROW LOCATION
ADJUSTMENT BY OTHERS

MGS GUARDRAIL 3

SELECT BORROW
STA 250+15 SB TO
STA 254+44 SB

MGS GUARDRAIL
TERMINAL EAT

PI 49+99.77
247+00

CAUTION

SK1

SK2

SK3

SK4

CAUTION

PI 6+88.32

SK5

SK6

6.5'

CAUTION

10' MULTI-USE TRAIL

10' MULTI-USE TRAIL (SEE SK TABLE 1)

WALL B ALIGNMENT

PI 4+00.00

PI 5+88.12

PI 6+78.52

PI 10+00.00

PI 10+44.20

SI

TLE

TLE

R/W

R/W

WALL C ALIGNMENT

STA 247+08.34 NB
=STA 50+15.78 SR

CURB RAMPS
TYPE 2

UTILITY POLE #9403003A
TO BE RELOCATED/ADJUSTED BY OTHERS

FENCE TO BE REMOVED
BY OWNER

CURB RAMPS
TYPE 2

TRAIL LAYOUT TABLE

SK TABLE 1(3)	
POINT	LOCATION
SK1	247+34.3 NB RT 36.5'
SK2	247+50.3 NB RT 36.5'
SK3	247+80.3 NB RT 38'
SK4	249+99.6 NB RT 38'
SK5	250+99.6 NB RT 30'
SK6	252+00.0 NB RT 29'

CONTINUE 6.5' OFFSET FROM
BACK OF CURB TO SK7

14' DRIVEWAY
C/L STA 251+18.6 NB (1)(2)
ASPHALT

N4972

SCHNICK ROAD

VPC STA 247+09.00
VPC EL703.598

VPI STA 248+89.00
VPI EL705.308

VPT STA 250+69.00
VPT EL705.938

EXISTING GROUND

+0.35 %

K = 600.00

VCL 360.00

PROPOSED NB R/L PROFILE

703.41	703.85	704.26	704.60	704.95	705.32	705.66	705.89	706.18	706.38	706.52	706.69	706.85	707.06	707.17	707.42
702.96	703.40	703.81	704.18	704.52	704.81	705.07	705.30	705.49	705.68	705.88	706.07	706.26	706.45	706.65	

247+00 247+50 248+00 248+50 249+00 249+50 250+00 250+50 251+00 251+50 252+00 252+50 253+00 253+50 254+00 254+50

715 710 705 700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050107_pp.dgn PLOT DATE : 16-SEP-2015 09:16 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

UTILITY POLE IN FILL SECTION
ADJUSTMENT BY OTHERS

SELECT BORROW
STA 250+15 SB
TO 254+44 SB

SUNSET VISTA

STA 257+90.47 SB
=80+00.0 KS

EXISTING SIGN (4)

TLE

RW

SIGN

PC 256+82.49

PC 80+29.16

PI 80+00.00

PC 256+81.90

PI 79+84.00

CAUTION

6.5

13+00

SK7

SK8

10' MULTI-USE TRAIL(SEE SK TABLE 2)

SK9

PT 79+53.67

SI

RW

WALL C ALIGNMENT

PI 13+19.07

PI 13+70.17

17' DRIVEWAY
C/L 255+60.0 NB (1)
CONCRETE

EXISTING WALL
AND TREE(6)

TLE

UTILITY POLE #19819
TO BE RELOCATED/
ADJUSTED BY OTHERS

PC 78+55.94

KRAMER ROAD

KR2

KR1

CURB RAMPS
TYPE 2

KR3

40'*

10' MULTI-USE TRAIL(SEE KR TABLE 1)

STA 257+89.72 NB
=79+84.0 KS

PI 79+04.96

SI

RW

TLE

TRAIL LAYOAUT TABLE

SK TABLE 2 (3)	
POINT	LOCATION
SK7	254+75.4 NB RT 29'
SK8	255+80.4 NB RT 36.5'
SK9	257+54.4 NB RT 36.5'

N4996

TRAIL LAYOAUT TABLE

KR TABLE 1 (3)	
POINT	LOCATION
KR1	258+11.1 NB RT 36.5'
KR2	258+25.8 NB RT 36.5'
KR3	260+00.0 NB RT 40'

CONTINUE 40' OFFSET
PARALLEL FROM NB RL
TO KR4

*TRAIL OFFSET FROM NB RL

PROPOSED NB R/L PROFILE

+0.35 %

EXISTING GROUND

ABANDONED 24" RCCP
CROSS DRAIN @ STA 257+35 NB
COVERD FILL HEIGHT APPROX 8'

710
705
700
695

707.17 706.65 | 707.42 706.84 | 707.50 707.03 | 707.70 707.22 | 707.74 707.87 707.41 | 707.96 707.61 | 708.18 707.80 | 708.22 707.99 | 708.15 708.18 | 708.35 708.38 | 708.56 708.57 | 708.68 708.76 | 708.88 708.95 | 708.93 709.14 | 709.09 709.34 | 709.24

254+00 254+50 255+00 255+50 256+00 256+50 257+00 257+50 258+00 258+50 259+00 259+50 260+00 260+50 261+00 261+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050108_pp.dgn PLOT DATE : 16-SEP-2015 09:16 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1
WISDOT/CADDS SHEET 40

EXISTING SIGN (4)

EXISTING SIGNS (4)

R/W

TLE

SI

PI 263+76.51

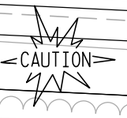
PI 263+75.43

STA 263+95 NB
EXISTING 24" CPRC
TO REMAIN

261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00



10' MULTI-USE TRAIL



40'*



10' MULTI-USE TRAIL

EXISTING ADVERTISING SIGN
DO NOT DISTURB
ADJUST FILL SLOPE

SI

R/W

TLE

*TRAIL OFFSET FROM NB RL

5

5

PROPOSED NB R/L PROFILE

+0.35 %

EXISTING GROUND

VCL 380.00

K = 463.41

VPC STA 265+22.00
VPC EL 711.023

VPI STA 267+12.00
VPI EL 711.688

STA 263+95 NB
EXISTING 24" CPRC
TO REMAIN

715
710
705
700

709.24 709.72 709.44 709.72 709.57 709.91 709.78 710.10 709.92 710.30 710.13 710.49 710.32 710.68 710.59 710.87 710.84 711.07 711.16 711.32 711.54 711.62 711.94 711.97 712.40 712.37 712.82 712.83 713.23 713.33

261+50 262+00 262+50 263+00 263+50 264+00 264+50 265+00 265+50 266+00 266+50 267+00 267+50 268+00 268+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

NO.	STA.	BM DESCRIPTION	ELEV.
1010	269+79 NB RT 46'	PK NAIL IN CMCP AT SE QUAD OF DRIVEWAY	712.20
1930	275+30 NB LT 153'	PK NAIL IN NORTHWEST CORNER OF RESTAURANT PARKING LOT BEHIND BLDG ± 5' FROM EOP	718.31

18' DRIVEWAY
C/L STA 269+47.0 SB (1)
ASPHALT

23' DRIVEWAY
C/L STA 271+09.1 SB (1)
ASPHALT

EQUATION
STA 271+01.56 SB BK
=STA 271+00.0 SB AH

SHEET NOTE
END ASPHALT TRAIL SURFACE AT ROUNDABOUT.
10' SIDEWALK FOR RIDERS ROUNDABOUT IS PARALLEL TO BACK OF CURB AND OFFSET 5' FROM THE BACK OF CURB. MATCH TRAIL INTO SIDEWALK AS INDICATED.

UTILITY POLE IN CURB & GUTTER TO BE REMOVED BY OTHERS

ASPHALT SAW CUT
DRIVEWAY CLOSURE

BM 1930

BM 1010

N5097 1407 1427 N5108 N5126 1472

R/W

PT 270+70.10
PI 271+00.00
PT 270+68.54
PC 273+95.95
PT 274+51.53
PI 274+55.60
PI 273+81.47
PC 273+11.17
PC 273+16.39
PC 275+49.55
PT 275+47.69
PI 275+94.00
PT 276+08

40'* KR4
47'* KR5
47'* KR6
KR7

CAUTION

10' MULTI-USE TRAIL (SEE KR TABLE 2)

KR TABLE 2 (3)	
POINT	LOCATION
KR4	269+00.0 NB RT 40'
KR5	270+50.0 NB RT 47'
KR6	272+00.0 NB RT 47'
KR7	274+24.7 NB RT 23.9'
TO SIDEWALK CONNECTION POINT AT 274+99.4 NB	

TRAIL MATCH
SEPTIC VENT
274+97.6 NB
RT59.9'

20' DRIVEWAY
C/L STA 274+54.3 NB (1)
ASPHALT

18' DRIVEWAY
C/L 270+03.0 NB (1) (2)
AGGREGATE

20' DRIVEWAY
C/L STA 271+47.4 NB (1)
ASPHALT

18' DRIVEWAY
C/L STA 272+77.9 NB (1)
AGGREGATE

SIDEWALK POINTS
274+99.4 NB
RT 23.5', 33.5'(4)
275+56.0 NB RT 36.3'
275+68.3 NB RT 33.8'

CAUTION
SEPTIC VENT (SANITARY)
LOCATED AT 274+97.6 NB
RT 59.9'. DO NOT DISTSURYB

* TRAIL OFFSET FROM NB RL

PROPOSED NB R/L PROFILE

EXISTING GROUND

VPT STA 269+02.00
VPT EL 713.911

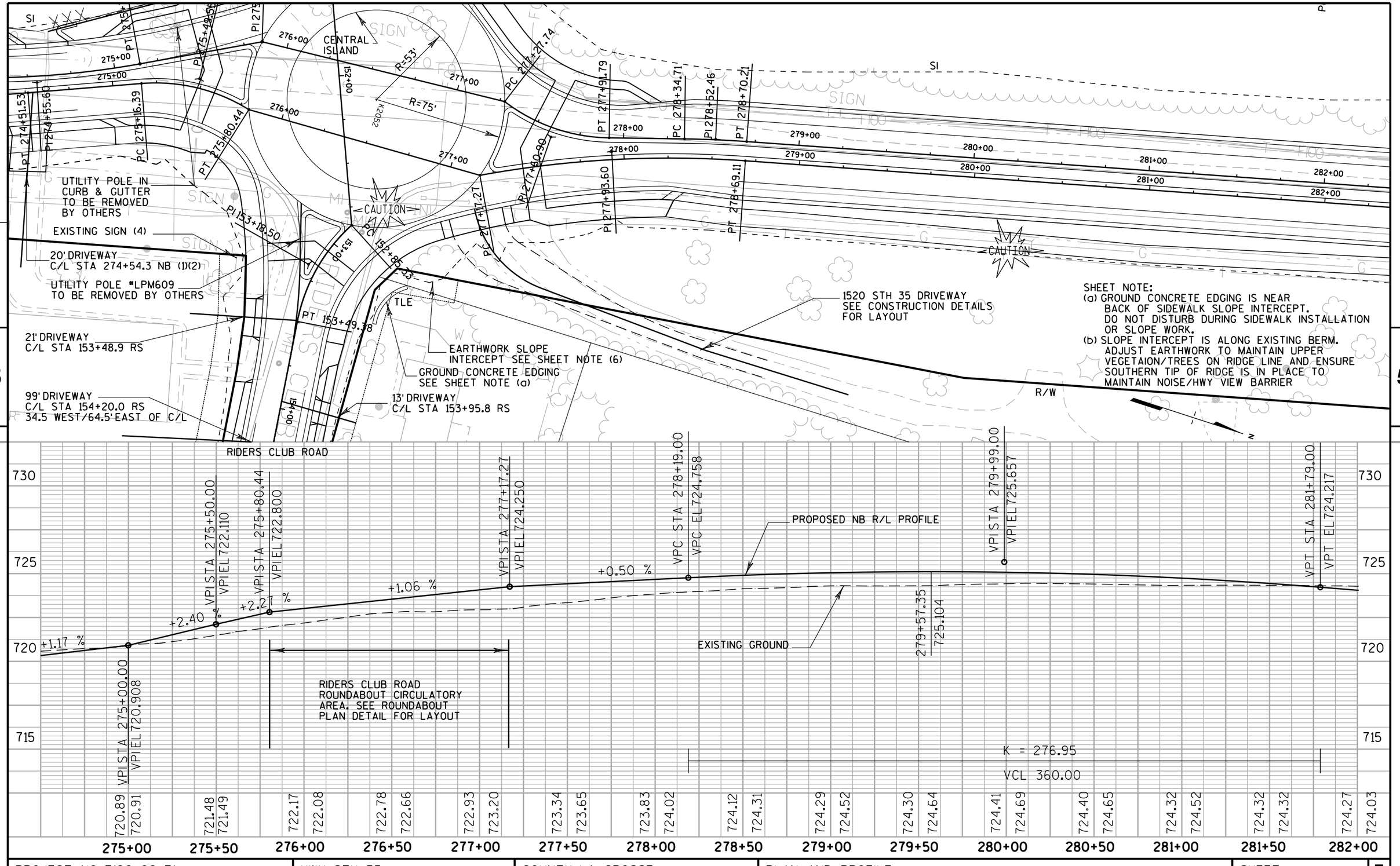
VPI STA 275+00.00
VPI EL 720.908

+1.17 %
+1.17 %
+2.40 %

725
720
715

712.82	712.83	713.23	713.33	713.76	713.89	714.29	714.47	714.87	715.06	715.48	715.64	716.12	716.23	716.73	716.81	717.48	717.40	718.13	717.98	718.70	718.57	719.39	719.15	719.95	719.74	720.57	720.32	720.89	720.91
268+00	268+50	269+00	269+50	270+00	270+50	271+00	271+50	272+00	272+50	273+00	273+50	274+00	274+50	275+00															

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

VACATED SUNSET VISTA ALIGNMENT

REMOVE UTILITY POLE (NOT IN SERVICE)

REMOVE UTILITY POLE (NOT IN SERVICE)

BM 1009

CAUTION

CAUTION

18' DRIVEWAY
C/L STA 284+40.8 NB (1)
AGGREATE

SITE DEVELOPEMENT
DO NOT DISTURB
NEWLY PLANTED TREES

UTILITY POLE #LPOL145
TO BE REMOVED BY OTHERS

CENTRAL ISLAND

R=75'

R=53'

MASON STREET

TLE

TLE

R/W

R/W

R/W

SI

SI

SI

SI

NO.	STA.	BM DESCRIPTION	ELEV.
1009	286+95 NB LT 102'	RRSP IN ELM AT NW QUAD OF SUNSET VISTA & STH 35	718.43

VPT STA 281+79.00
VPT EL724.217

EXISTING GROUND

PROPOSED NB R/L PROFILE

-0.80 %

-0.82 %

-0.80%

VPI STA 286+55.91
VPI EL720.400

VPI STA 288+02.92
VPI EL719.190

MASON STREET
ROUNDABOUT CIRCULATORY
AREA. SEE ROUNDABOUT
PLAN DETAIL FOR LAYOUT.

725
720
715
710

724.27 724.03 724.08 723.66 723.76 723.26 723.47 722.86 723.15 722.46 722.79 722.06 722.30 721.66 721.73 721.26 721.45 720.85 720.94 720.45 719.83 720.05 719.50 719.65 715.53 719.25 716.31 718.85 718.01 718.44

282+00 282+50 283+00 283+50 284+00 284+50 285+00 285+50 286+00 286+50 287+00 287+50 288+00 288+50 289+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050112_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

REMOVING UTILITY POLE
(NOT IN SERVICE)

EQUATION

MGS GUARDRAIL
TERMINAL EAT

MGS GUARDRAIL 3

PC 289+32.57
PI 289+45.11
PI 289+91.84
PT 290+50.83
BACK 290+70.98
AHEAD 290+55.32
PI 293+01.66
PT 293+47.96
PT 290+23.07
BACK 290+72.01
AHEAD 290+53.47
PI 293+00.03
PT 293+46.55

CAUTION

SI

TLE

R/W

SIGN

16' DRIVEWAY
C/L STA 290+74.3 NB (1)
AGGREGATE

15' DRIVEWAY
C/L STA 291+47.5 NB (1)
ASPHALT

12' DRIVEWAY
C/L STA 292+74.0 NB (1)
ASPHALT

12' DRIVEWAY
C/L STA 293+12.5 NB (1)
ASPHALT

20' DRIVEWAY
C/L STA 296+35.7 NB (1)
ASPHALT

N5254 N5262 N5268 N5274 1960

5

-0.80 %

-0.78 %

PROPOSED NB R/L PROFILE

EXISTING GROUND

VPI STA 290+72.01
BACK 290+72.01

AHEAD 290+53.47
VPI EL 717.037

VCL=600.00
K=530.83

VPC STA 295+15.00
VPC EL 713.436

715
710
705

718.01 718.41 718.10 718.01 717.91 717.61 717.33 717.21 716.70 716.67 716.20 716.28 715.64 715.89 715.22 715.50 714.94 715.11 714.51 714.72 714.15 714.33 713.59 713.94 713.36 713.55 713.00 713.17 712.71 712.84

289+00 289+50 290+00 290+50 291+00 291+50 292+00 292+50 293+00 293+50 294+00 294+50 295+00 295+50 296+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

NO.	STA.	BM DESCRIPTION	ELEV.
1013	297+13 NB,RT 22'	CHIZ□ON NORTH END OF PE.18" RCCP @ FIRE* N5298 + 500' SOUTH OF INT STH 35 & CTH Z	711.92

WALL R-32-0058

MGS RADIUS R=104.5'

MGS GUARDRAIL 3

PC 104+87.11ZH

WALL R-32-0058

PC 106+12.44

REMOVE UTILITY POLE (NOT IN SERVICE)

STA 299+80.22 SB =STA 110+18.09 ZH

299+34.6 NB BEGIN BREAKAWAY POST PLACEMENT FOR MGS RAIL. SEE SHEET NOTE

RELOCATED CTH 'Z'

PC 108+58.72ZH

REMOVE UTILITY POLE (NOT IN SERVICE)

300+18.9 NB LT 126.3'

PI 107+00.00

PT 105+96.02

EXISTING CTH 'Z' ACCESS TO BE CLOSED

MGS GUARDRAIL 3

PC 296+84.26

PI 298+01.61

PT 299+18.95

MGS RADIUS R=47'

PT 109+97.47ZH

PC 296+82.85

PI 298+00.09

PT 299+17.33

CAUTION

BM 1013

DRIVEWAY ACCESS TO BE CLOSED

PI 110+34.11ZH

STA 299+77.79 NB =STA 110+34.11 ZH

CAUTION

UTILITY POLE #LPM1327 TO BE REMOVED BY OTHERS

12' DRIVEWAY C/L STA 297+00.5 NB (1) ASPHALT

20' DRIVEWAY C/L STA 296+35.7 NB (1) ASPHALT

UTILITY POLE #K2776 TO BE RELOCATED BY OTHERS

RELOCATED 15' DRIVEWAY C/L STA 111+35.5(1)(2) CONCRETE

TLE

R/W

18' DRIVEWAY C/L STA 301+15.5 NB (1) AGGREGATE

18' DRIVEWAY C/L STA 302+21.0 NB (1) AGGREGATE

TLE

12' DRIVEWAY C/L STA 303+13.0 NB (1) ASPHALT

HILLTOP DRIVE DRIVEWAY (1) FIELD VERIFY NEWLY CONSTRUCTED DRIVEWAY CONCRETE

SITE DEVELOPMENT AREA
EXISTING BUSINESS SIGN(4) DO NOT DISTURB IN GROUND LIGHT. ADJUST SLOPE WORK FOR MATCHING IN TO EXISTING GROUND IN ORDER TO AVOID/MINIMIZE DISTURBANCE TO DECORATIVE STONE

CAUTION
ADJACENT DRAIN FIELD NEAR RW LINE/SLOPE INTERCEPT

SHEET NOTE
PLACE BREAKAWAY POST ACCORDING TO STANDARD DETAIL DRAWING WITH LIMITS INDICATED. RAILS ARE NOT TO BE BOLTED TO POST. RAIL IS TO BE SITTING ON TOP OF LAG SCREW.

VCL 600.00
K = 530.83

299+29.21
711.820

PROPOSED NB R/L PROFILE

STATION 301+00 NB RT
TO STA TION 313+30 NB RT
NO MACHINERY BEYOND R/W LINE
HANDWORK IN PLAN TLE AREA ONLY

0.35%

VPI STA 298+15.00
VPI EL 711.095

EXISTING GROUND

STA 299+95 NB
EXISTING 24" SSPRC
TO BE REMOVED

VPT STA 301+15.00
VPT EL 712.145

| | | |

PC
PI 10
CTH Z
PT
PC 10
105+96.02
105+03.96
104+00
103+00
102+00
PI 103+29.67
EXISTING CTH "Z" ACCESS TO BE CLOSED
PT
PC
REMOVE UTILITY POLES (NOT IN SERVICE)
BM 1020
REMOVE UTILITY POLE (NOT IN SERVICE)
SI
303+00
304+00
305+00
306+00
307+00
308+00
309+00
310+00
PC 305+56.25
PI 306+52.11
PT 307+47.97
PC 308+06.02
PI 309+02.14
PT 309+98.26
PC 305+54.63
PI 306+50.62
PT 307+46.61
PC 308+04.65
PI 309+00.65
PT 309+96.64
CAUTION
SI
TLE
R/W
5
5
12' DRIVEWAY
C/L STA 303+13.0 NB (1)
ASPHALT
18' DRIVEWAY
C/L STA 304+05.8 NB (1)
AGGREGATE
20' DRIVEWAY
C/L STA 305+27.4 NB (1)
AGGREGATE
12' DRIVEWAY
C/L STA 307+00.8 NB (1)
ASPHALT
14' DRIVEWAY
C/L STA 309+31.0 NB (1)
ASPHALT
N5344
N5354
N5362
N5376
N5384
CAUTION
ADJACENT DRAIN FIELD NEAR
RW LINE/SLOPE INTERCEPT

NO.	STA.	BM DESCRIPTION	ELEV.
1020	305+99 NB, LT 69'	SPIKE IN 8" OAK	704.25

PROPOSED NB R/L PROFILE
EXISTING GROUND
+0.35 %
+0.35 %
STATION 301+00 NB RT
TO STA TION 313+30 NB RT
NO MACHINERY BEYOND R/W LINE
HANDWORK IN PLAN TLE AREA ONLY

715
710
705
700

711.98 712.79
712.21 712.97
712.53 713.14
712.68 713.32
712.90 713.49
713.14 713.67
713.37 713.84
713.57 714.02
713.80 714.19
714.07 714.37
714.21 714.54
714.45 714.72
714.74 714.89
714.96 715.07
715.18 715.24
715.30 715.42

303+00 303+50 304+00 304+50 305+00 305+50 306+00 306+50 307+00 307+50 308+00 308+50 309+00 309+50 310+00 310+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

REMOVE UTILITY POLE
(NOT IN SERVICE)

UTILITY POLE IN FILL SECTION
ADJUSTMENT BY OTHERS

UTILITY POLE IN DITCH/CUT SECTION
ADJUSTMENT BY OTHERS

BM 1008

BM 1014

STA 313+73.27 SB
= STA 115+00.0 W

PT 309+98.26

PI 309+96.64

PI 115+00.00

STA 313+68.45 NB
= STA 115+16.32 W

CAUTION

CAUTION
ADJACENT DRAIN FIELD NEAR
R/W LINE/SLOPE INTERCEPT

CAUTION
EXISTING ABOVE GROUND GAS
ASSEMBLY BEHIND NEW
CURB & GUTTER

UTILITY POLE #3743
TO REMAIN BEHIND
NEW CURB & GUTTER
EXISTING 18" CMCP
DO NOT DISTURB

WESTVIEW

EXISTING SEPTIC SYSTEM

TREES(5)
DO NOT DISTURB
DURING SLOPE WORK

14' DRIVEWAY
C/L STA 317+40.0 NB (1)
ASPHALT

12' DRIVEWAY
C/L STA 317+68.0 NB (1)
ASPHALT

NO.	STA.	BM DESCRIPTION	ELEV.
1008	313+83 NB LT 78'	RRSP IN ELM AT STH 35 AND WEST VIEW DRIVE	710.09
1014	314+94 NB LT 43'	CHIZ ☐ ON WEST END OF RCCP CROSS DRAIN PN STH 35 IN SW QUAD OF ULMAN & STH 35 ± 70' SOUTH IF INTERSECTION	713.93

STATION 301+00 NB RT
TO STA TION 313+30 NB RT
NO MACHINERY BEYOND R/W LINE
HANDWORK IN PLAN TLE AREA ONLY

EXISTING GROUND

PROPOSED NB R/L PROFILE

+0.35 %

+0.35 %

VPC STA 316+75.00

VPC EL 717.605

K=1136.66
VCL=250.00

STA 314+92 NB
EXISTING 24"CPRC
TO BE REMOVED
SEE STORM SEWER
DRAINAGE PLAN

715.18	715.30	715.63	715.84	716.07	716.28	716.34	716.53	716.74	716.92	717.11	717.33	717.53	717.68	717.77	717.86
715.24	715.42	715.59	715.77	715.94	716.12	716.29	716.47	716.64	716.82	716.99	717.17	717.34	717.52	717.69	

310+00 310+50 311+00 311+50 312+00 312+50 313+00 313+50 314+00 314+50 315+00 315+50 316+00 316+50 317+00 317+50

725 720 715 710

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050116_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

UTILITY POLE IN DITCH/CUT SECTION
ADJUSTMENT BY OTHERS

CTH ZM

UTILITY POLE AT TOE OF SLOPE

R/W

EXISTING CONCRETE DRIVEWAY
NEAR SLOPE INTERCEPT.
DO NOT DISTURB.

SI

STA 322+12.32 SB
= STA 125+00.0 C

SPI 125+00.00

STA 322+07.30 NB
=STA 125+16.36 C

CAUTION

CAUTION

CAUTION

TLE

12' DRIVEWAY
C/L STA 317+68.0 NB (1)
ASPHALT

14' DRIVEWAY
C/L STA 317+40.0 NB (1)
ASPHALT

R/W

SI

R/W

14' DRIVEWAY
C/L STA 320+26.3 NB (1)
ASPHALT

CLOVERDALE ADDITION SIGN
REMOVE AND SALVAGE SIGN.
SIGN TO BE RETAINED BY
PROJECT ENGINEER FOR DISPOSITION.

TLE

CLOVERDALE

UTILITY POLE*3717 TO BE
RELOCATED BY OTHERS

SI

R/W

EXISTING 18" CMCP
TO BE REMOVED

TLE

27' DRIVEWAY
C/L STA 323+93.4 NB (1)
ASPHALT

N5498

VPI STA 318+00.00
VPI EL 718.043

VPT STA 319+25.00
VPT EL 718.205

K = 1136.66
VCL 250.00

+0.13 %

PROPOSED NB R/L PROFILE

EXISTING GROUND

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050117_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

EXISTING ADVERTISING SIGN. DO NOT DISTURB ADJUST FILL SLOPE.(4)

STA 325+59.9 SB =STA 137+11.57 PL

ACCESS POINT REMOVAL/RELOCATION

CAUTION

STA 325+54.71 NB =STA 137+27.97 PL

PI 137+27.97

STA 331+05.26 SB
MATCH NEW ASPHALT PAVEMENT INTO EXISTING CONCRETE (CONCRETE SAW CUT)

PI 330+02.26

PI 331+05.26

PI 330+01.01

PI 331+03.64

STA 331+03.0 NB
MATCH NEW ASPHALT PAVEMENT INTO EXISTING CONCRETE (CONCRETE SAW CUT)

PENNY LANE

EXISTING GROUND

PROPOSED NB R/L PROFILE

+0.13 %

730 725 720 715

718.80 718.82 718.88 718.89 719.03 718.95 719.31 719.02 719.26 719.08 719.16 719.15 719.19 719.21 719.32 719.28 719.36 719.34 719.49 719.41 719.64 719.47 719.60 719.54 719.51 719.60 719.73 719.67 719.79 719.73 719.66

324+00 324+50 325+00 325+50 326+00 326+50 327+00 327+50 328+00 328+50 329+00 329+50 330+00 330+50 331+00 331+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

SHEET NOTE
BEGIN TRAIL AT STA 203+75 OT LT 32', POINT OM1.
POINT OM2 IS CURVE PI
EARTHWORK REQUIRED TO ROADWAY
MATCH LOCATION

STA 331+05.26 SB
MATCH NEW ASPHALT PAVEMENT
INTO EXISTING CONCRETE
(CONCRETE SAW CUT)

STA 331+03.0 NB
MATCH NEW ASPHALT PAVEMENT
INTO EXISTING CONCRETE
(CONCRETE SAW CUT)

EQUATION
STA 336+75.20 SB BK
=336+72.27 SB AH
=204+94.24 OT

EQUATION
STA 336+74.17 NB BK
=336+73.15 NB AH
=205+16.25 OT OT

OM1
OM2
204+61.08 OT LT 32'
=337+03.67 NB LT 56'

R=44'(5) SEE SHEET NOTE
T=42.84

(SEE OM TABLE 1
NEXT SHEET)

10' MULTI-USE TRAIL

PI 331+05.26
PI 331+03.64
PI 332+55.29
PI 332+53.68
PI 336+75.20
PI 336+72.27
PI 205+94.45

CAUTION
CAUTION

R/W
R/W

BM 1004

NO.	STA.	BM DESCRIPTION	ELEV.
1004	336+00 NB RT 62'	CHIZ □ ON SE QUAD OF CTH OT & STH 35 ON CONCRETE RIM OF INLET	714.16

CTH 'OT'
SIGNALIZED
INTERSECTION

VPC STA 337+50.00
VPC EL 720.580
VPI STA 338+50.00

EXISTING GROUND
PROPOSED NB R/L PROFILE

+0.13 %
+0.13 %

BACK 336+74.17
AHEAD 336+73.15

K=1025.34
VCL=200.0

725
720
715
710

719.73 719.73 | 719.66 719.80 | 719.79 719.86 | 719.87 719.93 | 720.00 719.99 | 720.04 720.06 | 720.16 720.12 | 720.35 720.19 | 720.42 720.25 | 720.38 720.32 | 720.50 720.38 | 720.45 720.45 | 720.34 720.51 | 720.49 720.58 | 720.42 720.63 | 720.47

331+00 | 331+50 | 332+00 | 332+50 | 333+00 | 333+50 | 334+00 | 334+50 | 335+00 | 335+50 | 336+00 | 336+50 | 337+00 | 337+50 | 338+00 | 338+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050119_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

TRAIL EARTHWORK
FOR AGGREGATE PLACEMENT
FROM CTH OT INTERSECTION
TO PAVEMENT MATCH LOCATION

EXISTING 18-INCH CPCS
TO REMAIN IN PLACE
DO NOT DISTURB

STA 342+50.0 SB
MATCH NEW ASPHALT PAVEMENT
INTO EXISTING CONCRETE
(CONCRETE SAW CUT)

10' MULTI-USE TRAIL (SEE OM TABLE 1)

R/W

OM3 OM4 OM5 OM6 OM7

PI 340+95.37

PI 340+74.66

PI 342+50.00

PI 344+50.00

CAUTION

UTILITY POLE SLOPE EDGE
ADJUST GRADING TO AVOID
GUY WIRE AND PEDESTAL

STA 342+50.0 NB
MATCH NEW ASPHALT PAVEMENT
INTO EXISTING CONCRETE
(CONCRETE SAW CUT)

TRAIL LAYOUT TABLE

OM TABLE 1(3)

POINT	LOCATION
OM1	203+75.0 OT LT 32'
OM2	337+03.67 NB LT 56', R=44', T=42.84'
OM3	338+85.0 NB LT 56'
OM4	340+00.0 NB LT 56'
OM5	340+74.0 NB LT 69'
OM6	342+50.0 NB LT 55'
OM7	344+49.7 NB LT 55'
OM8	350+00.0 NB LT 55'
OM9	351+00.0 NB LT 50'

VPI STA 338+50.00
VPI EL 720.710

VPT STA 339+50.00
VPT EL 720.645

VPC STA 341+50.00
VPC EL 720.515

VPI STA 342+50.00
VPI EL 720.450

VPT STA 343+50.00
VPT EL 720.179

VPC STA 344+50.00
VPC EL 719.907

PROPOSED NB R/L PROFILE

-0.07 %

-0.27 %

K = 968.86
VCL 200.00

338+83.35
720.667

K = 1025.34
K = 1025.34
VCL 200.00

EXISTING GROUND

338+00	338+50	339+00	339+50	340+00	340+50	341+00	341+50	342+00	342+50	343+00	343+50	344+00	344+50	345+00	345+50
720.42	720.47	720.54	720.47	720.52	720.48	720.36	720.54	720.41	720.31	720.28	720.15	719.97	719.72	719.57	719.33
720.63	720.66	720.67	720.64	720.61	720.58	720.55	720.51	720.47	720.40	720.30	720.18	720.04	719.91	719.76	719.57

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

10' MULTI-USE TRAIL(SEE OM TABLE 1)

345+00 346+00 347+00 348+00 349+00 350+00 351+00 352+00

OM8 OM9

R/W SI

S.T.H. 35

CAUTION

STA 345+25 NB RT 100'

STA 345+50 NB RT 65'

STA 347+50 NB RT 60'

STA 348+75 NB RT 55'

STA 349+50 NB RT 55'

STA 350+50 NB RT 55'

STA 351+00 NB RT 60'

STA 351+00 NB RT 100'

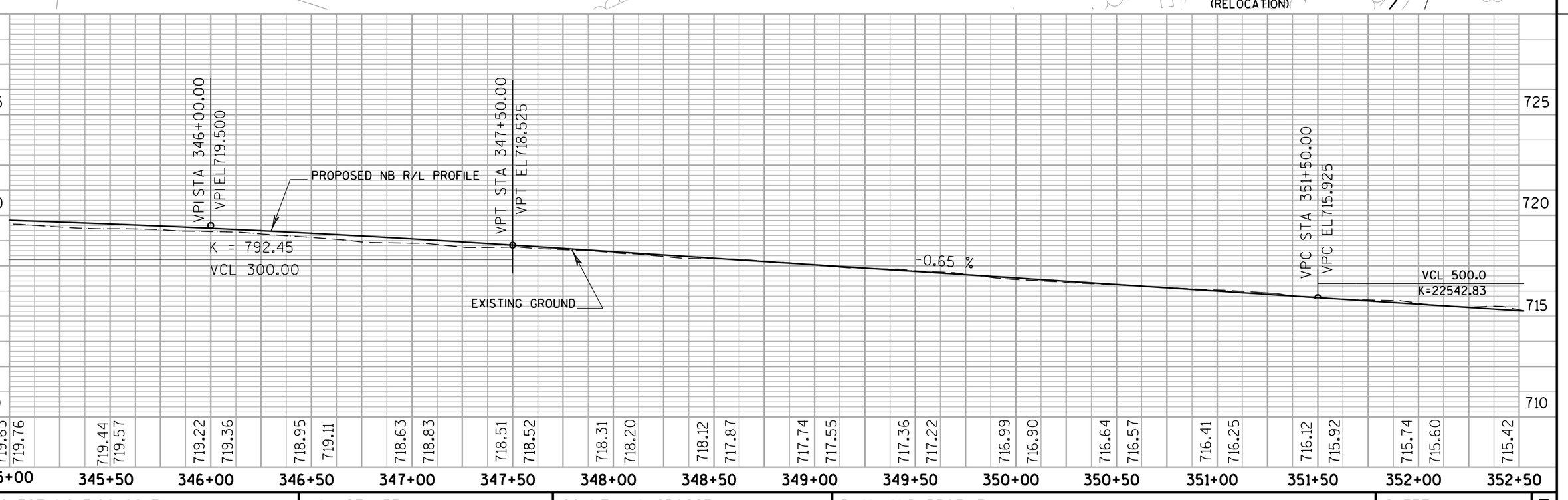
SITE 47LC388

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION
NO SOIL DISTURBANCE BEYOND FENCE.

10' DRIVEWAY
C/L STA 352+00.0 NB (1)
(RELOCATION)

R/W

5



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

NO.	STA.	BM DESCRIPTION	ELEV.
1015	353+70 NB LT 44'	CHZL □ ON WEST END OF 60" RCCP CROSSDRAIN ON STH 35 IN SW QUAD OF ULMAN ST. & STH 35 ± 70' SOUTH OF INTERSECTION	712.51

OM TABLE 2 (3)

POINT	LOCATION
OM10	353+25.0 NB LT 50' R=100', T=24.07'
OM11	353+70.0 NB LT 73' R=100', T=24.07'
OM12	354+08.7 NB LT 73'

TRAIL LAYOUT TABLE

EXISTING SIGN (4)
R/W
ULMAN STREET
PI 160+00.00
CURB RAMP TYPE 2
OM11
OM12
PC 140+61.30
SI
TLE
RYAN AVE
BOULEVARD TREES (5) SEE TREE NOTE
10' MULTI-USE TRAIL (SEE OM TABLE 2)
BM 1015
OM10
PI 141+00.00
STA 354+32.79 SB =141+27.56 US
PT 141+37.41
EXISTING 60" CPRC TO REMAIN
CAUTION
STA 354+30.65 NB =141+47.71 US
EXISTING 18" CMCP
PC 142+14.94
UTILITY POLE AT SLOPE EDGE. ADJUST GRADING TO AVOID GUY WIRE AND POLE
UTILITY POLE WITH LIGHT
PI 142+47.31
PI 165+21.72
10' DRIVEWAY C/L STA 352+00.0 NB (1) (RELOCATION)
ENTRY STRUCTURE(6) AVOID EXISING LANDSCAPE AND DO NOT DISTURB EXISTING LIGHT AND FLAG POLE.
SPRUCE STREET
UTILITY POLES IN DITCH/CUT SECTION ADJUSTMENT BY OTHERS

TREE NOTE:
BOULEVARD TREES FROM ULMAN TO SCOTT DRIVE ARE LOCATED NEAR/WITHIN THE SLOPE INTERCEPT. DO NOT DISTURB EXISTING TREES DURING SLOPE, EARTHWORK, AND DITCH SHAPING FILL FOR DRAINAGE.

VCL 500.00
K = 22542.83
VPI STA 354+00.00
VPI EL 714.300
VPT STA 356+50.00
VPT EL 712.730
STA 353+70 NB
EXISTING 60" CPRC
TO REMAIN
UTILIZE AS CARRIER PIPE
EXISTING GROUND
PROPOSED NB R/L PROFILE
-0.63 %

715
710
705

352+00	352+50	353+00	353+50	354+00	354+50	355+00	355+50	356+00	356+50	357+00	357+50	358+00	358+50	359+00	359+50
715.74	715.42	715.17	714.87	714.43	714.14	713.90	713.56	713.23	712.96	712.65	712.38	711.99	711.62	711.33	
715.60		714.95	714.63	714.31	713.99	713.68	713.36	713.04	712.73	712.42	712.10	711.79	711.47	711.16	

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\050122_pp.dgn
PLOT DATE : 15-SEP-2015 10:24
PLOT BY : dotszz
PLOT NAME :
PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

BOULEVARD TREES (5)
SEE TREE NOTE

SCOTT DRIVE

EXISTING SIGN (4), SEE SIGN NOTE

PRIVATE STORM SEWER SYSTEM
DO NOT DISTURB

35' DRIVEWAY
C/L STA 365+22.7 SB (1)
ASPHALT

EXISTING SIGN (4)

CURB RAMP
TYPE 2
STA 362+17.79 SB
=96+97.80

WALL E
ALIGNMENT

INLET

INLET

EXISTING WATER AND SANITARY LINE CROSSING B-32-09. CONFIRMATION OF LOCATION AND DEPTH REQUIRED PRIOR TO STRUCTURE EXCAVATION AND TEMPORARY SHEETING. SEE SHEET NOTE.

RYAN AVE

PRIVATE STORM
SEWER INTAKE
DO NOT DISTURB

10' MULTI-USE TRAIL (SEE SC TABLE 1)

BM 1007

SD1 SD2 SD3 SD4 SD5

R=20'

CAUTION

CAUTION

TRAIL LAYOUT TABLE

SD TABLE 1 (3)

POINT	LOCATION
SD1	362+57.1 NB LT 53.5'
SD2	363+67.3 NB LT 53.5'
SD3	364+60.0 NB LT 51.0'
SD4	365+50.0 NB LT 51.0'
SD5	365+75.0 NB LT 55.0'

CONTINUE TO POINT SD6

STA 362+18.08 NB
=97+17.8 SD

STA 365+24.08 NB
=181+06.92 SL

UTILITY POLES IN DITCH/CUT SECTION
ADJUSTMENT BY OTHERS

UTILITY CABINET NEAR
SLOPE INTERCPT LINE

EXISTING SANITARY LINE
SEE SHEET NOTE

B-32-09

NO.	STA.	BM DESCRIPTION	ELEV.
1007	364+81 NB LT 92'	CHIZ X ON HYD RIM BOLT IN SW QUAD OF INTERSECTION OF PE AND STH 35, OPPOSITE INTERSECTION OF SPRING LAND AND STH 35	706.78

VCL 400.00 SPRING LANE
K = 510.97

TREE NOTE:
BOULEVARD TREES FROM ULMAN TO SCOTT DRIVE ARE LOCATED NEAR/WITHIN THE SLOPE INTERCEPT. DO NOT DISTURB EXISTING TREES DURING SLOPE, EARTHWORK, AND DITCH SHAPING FILL FOR DRAINAGE.

SIGN NOTE:
EXISTING ELECTRIC SIGN/BASE NEAR PROPOSED WALL PLACEMENT. ENSURE CONTRACTOR OPERATIONS AVOID PRIVATE SIGN DURING ROADWAY ACTIVITIES.

SHEET NOTE:
FOR EXISTING SANITARY AND WATER LINE PROTECTION TEMORARY SHEETING IS REQUIRED FOR B-32-09 EXTENSION.

PROPOSED NB R/L PROFILE

EXISTING GROUND

-0.63 %

VPC STA 362+64.00
VPC EL 708.876

VPI STA 364+64.00
VPI EL 707.620

365+84.80
707.869

VPT STA 366+64.00
VPT EL 707.930

STA 366+58.06 NB
STRUCTURE B-32-09 EXTENSION
10'X8' TWIN CELL BOX BRIDGE
SEE STRUCTURE PLAN

715	710	705	700
710.85	710.85		
710.61	710.53		
710.16	710.22		
709.81	709.90		
709.38	709.59		
709.03	709.28		
708.76	708.96		
708.54	708.66		
708.43	708.41		
708.24	708.20		
708.03	708.05		
707.90	707.94		
707.79	707.88		
707.68	707.87		
707.54	707.91		

359+50 360+00 360+50 361+00 361+50 362+00 362+50 363+00 363+50 364+00 364+50 365+00 365+50 366+00 366+50

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

EXISTING WATER AND SANITARY LINE CROSSING B-32-09. CONFIRMATION OF LOCATION AND DEPTH REQUIRED PRIOR TO STRUCTURE EXCAVATION AND TEMPORARY SHEETING. SEE SHEET NOTE.

EXISTING UTILITY POLE LOCATED IN DITCH/CUT SECTION

STA 371+26.25 SB =70+04.91 EW

EVERGREEN WAY

TRAIL LAYOUT TABLE

EP TABLE 1 (3)

POINT	LOCATION
EP1	371+80.9 NB LT 64.0'
EP2	372+00.0 NB LT 64.0'
EP3	373+00.0 NB LT 62.0'
EP4	375+00.0 NB LT 62.0'
EP5	376+00.0 NB LT 65.0'
EP6	377+50.0 NB LT 65.0'
EP7	378+50.0 NB LT 53.0'

CONTINUE TO POINT EP8

TLE

R/W

SI

SD6

SD7

SD8

SD9

SD10

10' MULTI-USE TRAIL (SEE SD TABLE 2)

10' MULTI-USE TRAIL (SEE EP TABLE 1)

CURB RAMP TYPE 2

EP1

EP2

EP3

PI 69+35.00

PT 69+79.49

PI 70+04.91

PI 70+25.10

B-32-09

CAUTION

TRAIL LAYOUT TABLE

SD TABLE 2 (3)

POINT	LOCATION
SD6	368+00.0 NB LT 55.0'
SD7	369+00.0 NB LT 67.0'
SD8	370+50.0 NB LT 67.0'
SD9	371+00.0 NB LT 68.0'
SD10	371+13.9 NB LT 68.0'

CONTINUE TO POINT SD6

EXISTING SANITARY LINE SEE SHEET NOTE

EXISTING ABOVE GROUND GAS VALVE ASSEMBLY DO NOT DISTURB

EXISTING UTILITY POLE WITH LIGHT

14' DRIVEWAY C/L STA 71+37.1 EW (1) CONCRETE

STA 371+23.81 NB =70+25.10 EW

EXISTING WATER LINE. CONFIRMATION OF LOCATION/DEPTH IS REQUIRED PRIOR TO STORM SEWER EXCAVATION.

WALDEN PLACE

S.T.H. 35

SHEET NOTE:
FOR EXISTING SANITARY AND WATER LINE PROTECTION TEMORARY SHEETING IS REQUIRED FOR B-32-09 EXTENSION.

VPT STA 366+64.00
VPT EL 707.930

PROPOSED NB R/L PROFILE

EXISTING GROUND

+0.16%

707.54	707.62	707.81	707.90	708.00	708.05	708.16	708.27	708.34	708.64	708.49	708.55	708.60	708.65	708.72
707.91	707.99	708.06	708.15	708.22	708.30	708.37	708.45	708.52	708.61	708.60	708.76	708.83	708.91	

366+50 367+00 367+50 368+00 368+50 369+00 369+50 370+00 370+50 371+00 371+50 372+00 372+50 373+00 373+50

715 710 705

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050124_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

10' DRIVEWAY
C/L STA 375+87.5 SB (1)
AGGREGATE

10' DRIVEWAY
C/L STA 377+01.3 SB (1)
AGGREGATE

CHAIN LINK FENCE(6)
DO NOT DISTURB
DURING SLOPE WORK

10' DRIVEWAY
C/L STA 377+87.0 SB (1)
EARTH

TRAIL LAYOUT TABLE

EP TABLE 1(3) POINT	LOCATION
EP1	371+80.9 NB LT 64.0'
EP2	372+00.0 NB LT 64.0'
EP3	373+00.0 NB LT 62.0'
EP4	375+00.0 NB LT 62.0'
EP5	376+00.0 NB LT 65.0'
EP6	377+50.0 NB LT 65.0'
EP7	378+50.0 NB LT 53.0'

CONTINUE TO POINT EP8

TLE
R/W
SI
10' MULTI-USE TRAIL(SEE EP TABLE 1)
EP4
EP5
EP6
EP7
CAUTION
TH. 35
R/W
SI
PI 380+91.24

EXISTING WATER LINE.
CONFIRMATION OF LOCATION/DEPTH
IS REQUIRED PRIOR TO STORM
SEWER EXCAVATION.

22' DRIVEWAY
C/L STA 377+51.0 NB (1)
CONCRETE

STA 378+25 NB RT 60'

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION.
NO SOIL DISTURBANCE BEYOND FENCE

SITE 47LC397

STA 380+75 NB
RT 60'

SHEET NOTE:
TOP SOIL REMOVAL ALONG R/W NEAR
ARCHAEOLOGICAL SITE IS RESTRICTIVE.
NO STOCK PILE OR MACHINERY BEYOND
SAFETY FENCE.

PROPOSED NB R/L PROFILE
EXISTING GROUND
+0.16%

373+50	374+00	374+50	375+00	375+50	376+00	376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	380+50
708.72 / 708.99	708.74 / 709.07	708.76 / 709.14	708.86 / 709.22	708.92 / 709.30	709.09 / 709.38	709.07 / 709.45	709.10 / 709.53	709.22 / 709.61	709.25 / 709.69	709.30 / 709.76	709.40 / 709.84	709.48 / 709.92	709.59 / 710.00	709.68 / 710.07

715 710 705 700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050125_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

SITE 47LC389

SITE 47LC397

FIELD ENTRANCE
STA 381+10.6 SB
15' WIDTH
AGGREGATE

STA 381+25 SB LT 79'

STA 383+00 SB LT 82'

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION.
NO SOIL DISTURBANCE BEYOND FENCE

14' DRIVEWAY
C/L STA 201+54.9 PD 910
AGGREGATE

STA 386+50 SB LT 103'

EXISTING SIGN (4)

STA 386+50 SB LT 67'

STA 384+75 SB LT 84'

10' MULTI-USE TRAIL(SEE EP TABLE 2)

CURB RAMPS, TYPE 2

CURB RAMPS, TYPE 2

CAUTION

CAUTION

STA 380+75 NB RT 60'

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION.
NO SOIL DISTURBANCE BEYOND FENCE

STA 384+00 NB RT 54'

STA 387+00 NB RT 55'

386+81.13 SB
=202+75.46 PD

TRAIL LAYOUT TABLE
EP TABLE 2 (3)

POINT	LOCATION
EP8	383+00 NB LT 53.0'
EP9	384+00.0 NB LT 50.0'
EP10	386+00.0 NB LT 55.0' (PI/PC)
EP11	386+28.8 NB LT 54.96' (PI), R=9945', T=28.64'
EP12	386+57.06 NB LT 55.0' (PT)

SHEET NOTE:
TOP SOIL REMOVAL ALONG R/W NEAR ARCHAEOLOGICAL SITE IS RESTRICTIVE.
NO STOCK PILE OR MACHINERY BEYOND SAFETY FENCE.

PROPOSED NB R/L PROFILE

+0.16%

EXISTING GROUND

STA 386+90 NB
EXISTING 24" CPRC
TO BE REMOVED

	380+00	380+50	381+00	381+50	382+00	382+50	383+00	383+50	384+00	384+50	385+00	385+50	386+00	386+50	387+00	387+50
EXISTING	709.59	709.79	709.79	709.86	709.87	709.90	709.93	710.06	710.22	710.21	710.23	710.22	710.22	710.46	710.48	710.57
PROPOSED	710.00	710.07	710.15	710.23	710.31	710.38	710.46	710.54	710.62	710.69	710.77	710.85	710.93	711.00	711.08	711.16

710 705 700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\050126_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

SITE 47LC359

CTH OT NORTH

SITE 47LC397

SI
CURB RAMP TYPE 2
EXISTING UTILITY POLE WITH LIGHT, SEE SHEET NOTE
R/W
10' MULTI-USE TRAIL(SEE PV TABLE)
R=9944'
PV1 PV2 PV3 PV4 PV5 R=9938 PV6
PI 37+36.32
PI 37+79.71
PI 38+79.71
K=40
K=54
CT1 CT2 R=100' CT3 R=140' CT4 R=4163' CT5 CT6 R=26.5 CT7
PT 388+74.28
PI 389+00.00
PI 389+00.00
PI 390+00.92
PC 390+02.43
PI 391+00.00
PT 391+97.61
PT 26+49.78
PI 27+30.65
26+70.9 N OT RT 19.1'
392+17.97 NB LT 63'
=27+10.26 N OT RT 21.14'
EXISTING LIGHT POLE SEE SHEET NOTE
10' MULTI-USE TRAIL(SEE CT TABLE)
STA 392+98 SB LT 55'
EXISTING CURB & GUTTER DO NOT DISTURB
STA 393+25 SB LT 35'
SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION. NO SOIL DISTURBANCE BEYOND FENCE
STA 392+35.84 NB =STA 27+30.65 N OT
EXISTING CONCRETE TO REMAIN
EXISTING PAVEMENT TO REMAIN
EXISTING ISLAND DO NOT DISTURB
CAUTION
STA 389+00 SB MATCH NEW ASPHALT PAVEMENT INTO EXISTING CONCRETE
STA 392+00 NB MATCH NEW ASPHALT PAVEMENT INTO EXISTING CONCRETE
EXISTING CONCRETE PAVEMENT (MATCH EXISTING PROFILE)
STA 389+00 NB RT 60'
STA 390+95 NB RT 65'
STA 391+32 NB RT 65'
STA 392+50 NB RT 65'
RELOCATED FIELD ENTRANCE STA 392+28.3 NB 14' WIDTH, AGGREGATE
SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION. NO SOIL DISTURBANCE BEYOND FENCE
SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION. NO SOIL DISTURBANCE BEYOND FENCE

TRAIL LAYOUT TABLE

PV TABLE (3)

POINT	LOCATION
PV1	387+17.7 NB LT 56'(PI/PC)
PV2	387+33.8 NB LT 55.99(PI) R=9944', T=16.07'
PV3	387+50.0 NB LT 56'(PT/PI)
PV4	388+00.0 NB LT 62'(PI/PC)
PV5	388+38.7 NB LT 61.93'(PI) R=9938',T=38.50'
PV6	388+77.5 NB LT 62'(PT/PI)

TRAIL LAYOUT TABLE

CT TABLE (3)

POINT	LOCATION
CT1	389+20.4 NB LT 60.4(PI)
CT2	390+33.8 NB LT 55.61(PI) R=100', T=11.68'
CT3	390+70.5 NB LT 63.11(PI) R=140', T=14.78'
CT4	391+48.8 NB LT 63.29(PI) R=4163', T=49.56'
CT5	391+97.6 NB LT 63'(PT/PC)
CT6	392+17.97 NB LT 63'(PI) R=25.6', T=20.36
CT7	26+70.9 N OT RT 19.1'(PI)

TOP SOIL SHEET NOTE:
TOP SOIL REMOVAL ALONG R/W NEAR ARCHEOLOGICAL SITE IS RESTRICTIVE. NO STOCK PILE OR MACHINERY BEYOND SAFETY FENCE.

UTILITY/LIGHT POLE SHEET NOTE:
UTILITY POLE WITHIN PLAN FEATURES TO BE RELOCATED BY OTHERS

PROPOSED NB R/L PROFILE
EXISTING GROUND
+0.16%

STA 392+90 NB
EXISTING 12" SSPRC
(TO REMAIN)

STA 393+87 NB
EXISTING 12" SSPRC
(TO REMAIN)

715
710

710.48	710.57	710.70	710.58	710.86	710.93	711.27	711.31	711.61	711.84	711.98	712.13	712.23	712.32	712.43
711.08	711.16	711.24	711.31	711.39	711.47	711.55	711.62	711.70	711.78	711.86	711.93	712.06	712.13	712.17
387+00	387+50	388+00	388+50	389+00	389+50	390+00	390+50	391+00	391+50	392+00	392+50	393+00	393+50	394+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050127_pp.dgn PLOT DATE : 15-SEP-2015 10:24 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

SITE 47LC359

TURN BAY CONSTRUCTION

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION.
NO SOIL DISTURBANCE BEYOND FENCE

STA 396+50 SB LT 35'

PC 394+89.73

PI 396+82.68

SI

395+00

396+00

397+00

398+00

EXISTING PAVEMENT CONTINUES
SEE SHEET NOTE

ADJACENT EXISTING CONCRETE PAVEMENT AT TURN BAY
DO NOT DISTURB

PT 398+75.48

S.T.H. 35

USH 53 INTERCHANGE AREA

395+00

396+00

397+00

398+00

399+00

400+00

EXISTING PAVEMENT
CONTINUES
SEE SHEET NOTE

END PROJECT
STA 395+99 NB
X=444061.523
Y=177840.843

PI 400+66.53

R/W

FO

OH

INL

SIGN

5

5

SHEET NOTE
EXISTING PAVEMENT SHADING ON SHEET
FOR CONTINUITY WITH PRIOR SHEET TO
SHOW EXISTING PAVEMENT EXTENSION
TO END PROJECT POINT

715

710

705

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050128_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

CURB RAMP, TYPE 2
UTILITY POLE #93A
TO BE RELOCATED BY OTHERS
TLE
SI
50' DRIVEWAY
C/L 12+16.6 O(1)
AGGREGATE
EXISTING STORM SEWER MANHOLE
ADJUSTMENT REQD.
12+60.3 O RT 5.0'
SAW CUT ASPHALT
EXISTING INLETS. DO NOT DISTURB
4TH AVENUE
WALLS ST
PC 217+54.00
PT 217+53.29
STA 217+28.44 SB
=10+00.03 O
PI 10+83.670
PI 10+00.030
PC 10+20.000
11+00
BM910
PI 11+46.400
PT
12+00
PI 12+34.650
CL 84
R/W
13+00
14+00
15+00
16+00
QUINCY STREET
N
PI 216+71.48
CURB RAMP,
TYPE 2
CAUTION
PI 216+00.00
PC 215+89.64
R/W
24' DRIVEWAY
C/L 11+69.9 O(1)
15' WEST/9' EAST
OF C/L. ASPHALT
42' DRIVEWAY
C/L 12+53.4 O(1)
ASPHALT
30' DRIVEWAY
C/L 215+62 NB (1)
MATCH LOCATION
STA 12+78.0 O

NO.	STA.	BM DESCRIPTION	ELEV.
910	216+91 NB RT 48'	CHIZ X ON HYD RIM BOLT AT STH 35&QUINCY	716.69

PROPOSED 'O' R/L PROFILE
EXISTING GROUND
SB R/L
NB R/L
VPOT STA 10+00.03
VPOT EL713.34
+2.00 %
VPI STA 10+19.98
VPI EL 713.74
-2.00 %
VPI STA 10+75.00
VPI EL712.64
-5.00 %
VPC STA 11+30.00
VPC EL 709.89
VPI STA 11+50.00
VPI EL708.89
VPT STA 11+70.00
VPT EL707.09
-9.00 %
K = 10.00
VCL 40.00
VPC STA 11+75.00
VPC EL706.64
VPI STA 12+25.00
VPI EL 702.14
VCL 100.00
K = 10.99
+ VPT STA 12+75.00
0.10 VPC STA 12+85.00
VPT EL 702.19
VPC EL 702.20
12+73.90
702.19
VCL 150.00
K = 26.50
VPI STA 13+60.00
VPI EL 702.27
VPT STA 14+35.00
VPT EL706.59
+5.76 %
VPI STA 15+08.00
VPI EL 710.80
+0.45 %
VPOT STA 16+50.00
VPOT EL711.44
715
710
705
700
713.46 713.14
710.79 711.39
707.12 708.69
704.32 704.67
702.54 702.45
702.18 702.26
702.95 703.06
704.73 704.81
707.43 707.46
710.42 710.34
710.99 710.99
711.16 711.21
711.43 711.44
711.63
10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, QUINCY STREET	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050130_pp.dgn
PLOT DATE : 15-SEP-2015 10:25
PLOT BY : dotszz
PLOT NAME :
PLOT SCALE : 50:1
WISDOT/CADDS SHEET 40

UTILITY POLE # 19819
TO BE RELOCATED/
ADJUSTED BY OTHERS

34' DRIVEWAY
C/L 78+37.0 KS
ASPHALT TO
RADIUS POINTS

SAW CUT ASPHALT

KRAMER STREET

PC 256+81.90

PC 256+82.49

STA 257+89.72 NB
=79+84.0 KS

STA 257+90.47 SB
=80+00.0 KS

14' DRIVEWAY
C/L 80+95.0 KS
ASPHALT

N5009

N5021

CURB RAMP
TYPE 2

EXISTING CPCS
TO BE REMOVED

10' MULTI-USE TRAIL

GREAT RIVER STATE TRAIL

SUNSET VISTA

MATCH LOCATION
STA 77+25 KS

MATCH LOCATION
STA 81+98 .0 KS

SAW CUT ASPHALT

PROPOSED 'KS' R/L PROFILE

EXISTING GROUND

VCL 120.00
K=10.53

VCL 50.00
K = 13.89

VCL 50.00
K = 22.73

VCL 50.00
K = 55.56

-6.40%

+5.00%

+2.00 %

-2.00 %

+2.00 %

-5.50 %

-3.30 %

+0.30 %

+1.20 %

VPOT STA 77+00.00
VPOT EL 705.70

VPC STA 77+32.72
VPC EL 703.61

VPI STA 77+92.72
VPI EL 699.77

78+00.09
701.45

VPT STA 78+52.72
VPT EL 702.77

NB R/L @ VPI STA 79+84.00
VPI EL 708.46

VPI STA 79+55.00
VPI EL 707.88

SB R/L @ VPI STA 80+00.00
VPI EL 708.14

VPI STA 80+29.00
VPI EL 707.56

VPC STA 81+25.00
VPC EL 702.28

VPI STA 81+50.00
VPI EL 700.90

VPT STA 81+75.00
VPT EL 700.08

VPC STA 81+98.00
VPC EL 699.32

VPI STA 82+23.00
VPI EL 698.50

82+43.83
698.56

VPT STA 82+48.00
VPT EL 698.57

VPC STA 82+75.00
VPC EL 698.65

VPI STA 83+00.00
VPI EL 698.73

VPT STA 83+25.00
VPT EL 699.03

VPOT STA 84+05.00
VPOT EL 699.99

700

695

705.72 705.70 | 702.44 702.64 | 700.60 700.63 | 700.59 700.44 | 704.60 703.85 | 707.65 707.51 | 708.17 708.14 | 705.04 706.40 | 702.09 703.65 | 701.00 701.04 | 699.32 699.26 | 698.51 698.58 | 698.76 698.78 | 699.26 699.33 | 699.92 699.93

77+00 77+50 78+00 78+50 79+00 79+50 80+00 80+50 81+00 81+50 82+00 82+50 83+00 83+50 84+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, KRAMER AND SUNSET VISTA	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\050131_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

GROUND CONCRETE EDGING SHEET NOTE(6)

15' DRIVEWAY C/L 154+59.0 RS(1)

13' DRIVEWAY C/L 153+95.8 RS(1) ASPHALT

WALL D SHEET NOTE (a) SEE CONSTRUCTION DETAIL

CONCRETE BASE REMOVAL AND EXISTING CHAIN LINK FENCE. CONCRETE SAW CUT REQUIRED TO BASE. DO NOT DISTURB EXISTING FENCE.

STA 154+72 RS SIDEWALK MATCH LOCATION

STA 155+53 RS SIDEWALK MATCH LOCATION

EXISTING CONCRETE WALKWAY RAMP TO BE REMOVED

SAW CUT ASPHALT

VAN RIPER PARK
CITY OF ONALASKA

SHEET NOTE
(a) REMOVAL OF EXISTING STONE SLOPE IS REQUIRED PRIOR TO WALL CONSTRUCTION, INCIDENTAL TO WALL D CONSTRUCTION
(b) GROUND CONCRETE EDGING IS NEAR SIDEWALK SLOPE INTERCEPT. DO NOT DISTURB DURING SIDEWALK SLOPE WORK

PROPERTY SIGN DO NOT DISTURB(4

99' DRIVEWAY(1) C/L STA 154+20.0 RS 31' WEST/68' EAST OF C/L ASPHALT

EXISTING ISLAND CURB DO NOT DISTURB

EXISTING CONCRETE SIDEWALK ISLAND TRANSITION TO BE REMOVED AND NEW MODIFIED SIDEWALK AREA INSTALLED

21' DRIVEWAY C/L STA 153+48.9 RS(1), ASPHALT REPLACEMENT SLOPED CURB&GUTTER SECTION (5')30-INCH, MATCH INTO EXISTING

SEPTIC VENT(6) 274+97.6 NB, RT 59.9'

20' DRIVEWAY C/L STA 274+54.3 NB(1)

MATCH LOCATION STA 155+52.0 RS

RIDERS CLUB ROAD

PROPOSED RS R/L PROFILE

EXISTING GROUND

RIDERS CLUB ROAD ROUNDABOUT CIRCULAR AREA
SEE ROUNDABOUT PLAN DETAIL FOR LAYOUT AND ELEVATIONS

VPI STA 152+85.33 VPI EL 724.240
VPI STA 154+00.00 VPI EL 722.187
VPI STA 154+50.00 VPI EL 721.012
VPI STA 155+00.00 VPI EL 719.567

-1.79 %
-2.35 %
-2.89 %
-2.92 %
-1.90 %
-0.60 %
-0.33 %

VCL 20.00 K = 19.61
VCL 30.00 K = 23.09
VCL 50.00 K = 184.69

VPC STA 155+70.00 VPC EL 717.523
VPT STA 155+80.00 VPT EL 717.231
VPI STA 155+90.00 VPI EL 717.041
VPC STA 156+15.00 VPC EL 716.566
VPI STA 156+30.00 VPI EL 716.281
VPT STA 156+45.00 VPT EL 716.191
VPC STA 157+25.00 VPC EL 715.710
VPI STA 157+50.00 VPI EL 715.560
VPT STA 157+75.00 VPT EL 715.478
VPOT STA 158+25.00 VPOT EL 715.313

| | | |

5+61.50 F
RT 12'(717.98)

150+59.76 RS LT 18.71
(718.44)

REMOVING UTILITY POLE
(NOT IS SERVICE)

SUNSET VISTA

PI 146+02.92RS

PC 147+10.91RS

PT 149+81.90 RS

PT 149+94.00RS

OBLITERATE OLD ROAD

5+49.43 F LT 12'(717.67)
5+79.42 F CL=719.36
LT 12'=719.74
RT 12'=718.94

COMMUNICATIONS PEDESTAL
DO NOT DISTURB

10+46.61 R6
(720.72)

10+78.18 R6
(721.76)

IP
SEE
NOTE

BM
1930

15+84.98 R4
(716.29)

15+48.76 R4
(718.00)

15+08.22 R4
(719.72)

14+75.67 R4
(721.03)

14+42.02 R4
(721.75)

RT 30'

MATCH LOCATION
STA 149+50 RS

1427

ASPHALT SAW CUT
FOR ROADWAY MATCH
AND PARKING LOT
RESTORATION

16'

16'

(721.04)

(722.08)

PT 151+45.01

R6 R/L

R4
R/L

ROUNDABOUT
AT RIDERS
CLUB ROAD

TLE

R/W

SI

SHEET NOTE
PROPERTY IRON PIN LOCATED AT STA 149+62.87 RS RT 10.24'
X=446775.478, Y=166055.289
DO NOT DISTURB DURING ASPHALT REMOVAL/REPLACEMENT

NO.	STA.	BM DESCRIPTION	ELEV.
1930	275+30 NB LT 153'	PK NAIL IN NORTHWEST CORNER OF RESTUARANT PARKING LOT BEHIND BLDG 15'FROM EOP	718.31

VPI STA 152+85.33
VPI EL 724.240

VPI STA 151+45.01
VPI EL 721.450

VPI STA 151+00.00
VPI EL 720.100

VPI STA 150+50.00
VPI EL 718.350

VPT STA 150+05.00
VPT EL 716.563

VPI STA 149+75.00
VPI EL 715.371

VPC STA 149+45.00
VPC EL 715.191

VPT STA 149+25.00
VPT EL 715.071

VPI STA 149+00.00
VPI EL 714.921

VPC STA 148+75.00
VPC EL 714.671

VPT STA 148+25.00
VPT EL 714.171

VPI STA 148+00.00
VPI EL 713.921

VPC STA 147+75.00
VPC EL 713.071

VPT STA 147+55.00
VPT EL 712.391

VPI STA 147+45.00
VPI EL 712.051

VPC STA 147+35.00
VPC EL 711.851

VPT STA 146+92.00
VPT EL 710.991

VPI STA 146+82.00
VPI EL 710.791

VPC STA 146+72.00
VPC EL 710.716

VPT STA 146+58.00
VPT EL 710.611

VPI STA 146+48.00
VPI EL 710.536

VPC STA 146+38.00
VPC EL 710.341

VPT STA 146+00.00
VPT EL 709.600

+1.95 %
+2.00 %
+3.40 %
+1.00 %
+0.60 %
+3.97 %
+3.50 %
+3.00 %
+1.99 %
-1.79 %

K = 16.67
K = 16.00
K = 14.29
K = 20.83
K = 125.00
K = 17.79

VCL 20.00
VCL 20.00
VCL 20.00
VCL 50.00
VCL 60.00

RIDERS CLUB ROAD ROUNDABOUT
CIRCULATORY AREA. SEE
ROUNDABOUT PLAN DETAIL
FOR LAYOUT/ELEVATIONS

PROPOSED RS R/L PROFILE

EXISTING GROUND

720
715
710

| | | |

NO.	STA.	BM DESCRIPTION	ELEV.
1930	275+30 NB LT 153'	PK NAIL IN NW CORNER OF RESTAURANT PARKING LOT BEHIND BLDG ± 5' FROM EOP	718.31

NOTE FOR IP
PROPERTY FROM IRON PIN LOCATED AT
STA 149+62.87 RS, RT 10.24'
X=446775.478, Y=166055.289
DO NOT DISTURB DURNING ASPHALT REMOVAL

delete line outside of border

BEGIN ASPHALT PAVEMENT
STA 3+75 F

TAPER POINT
STA 4+50.0 F

BEGIN 24' ASPHALT PAVEMENT
AT PC. TRANSITION PAVEMENT
WIDTH FROM 18' AT TAPER POINT

TRAIL CONNECTION
SEE LAYOUT TABLE
ASPHALT WITH AGGREGATE

FISHERMANS LANDING

REMOVE UTILITY POLE
(NOT IN SERVICE)

REMOVE UTILITY POLE
(NOT IN SERVICE)

SUSNSET VISTA

VACATED SUNSET VISTA

COMMUNICATIONS
PEDESTAL
DO NOT DISTURB

IP
SEE NOTE
BM 1930

TLE

R/W

SI

TR1 TR2 TR3 TR4

PI 146+02.92
PC 147+10.91
PI 148+46.55
PT 149+81.90 RS
PC 149+94.00 RS
PC 98+97.08 RS
PI 2+75.76 F
PC 3+56.59 F
PI 3+85.93 F
PT 4+14.54 F
PC 4+69.90 F
PI 5+26.55 F
PT 5+46.38 F
5+95.42 F
PI 6+03.15 F
=150+87.90 RS
PT 151+45.01 RS

1407
1427

TRAIL CONNECTION LAYOUT ALIGNMENT (TC)
INSIDE EDGE OF TRAIL

PI STA 1+11.28 TC=4+40.87 F, LT 35.23'=TR4
N=166162.2022
E=446644.1177

CURVE 1133
PC STA 1+77.81 TC
N=166228.6087
E=446648.0248
T=12.1187'
BK=N 3°22' 01.72" E
AH=N 10°39' 58.30" E
R=190.00'
L=24.2046'
PI STA 1+89.92 TC = 4+88.85 F LT 64.33'=TR3
N=166240.7064
E=446648.7366
PT STA 2+02.01 TC
N=166252.6157
E=446650.9796

CURVE 1080
PC STA 2+15.78 TC
N=166266.1439
E=446653.5275
T=39.3838'
BK=N 10°39' 58.30" E
AH=S 54°08' 48.61" E
R=25.0000'
L=50.2598'
PI STA 2+55.16 TC =5+03.83 F LT 110.07'=TR2
N=166304.8472
E=446660.8169
PT STA 2+66.04 TC
N=166281.7797
E=446692.7383

PI STA 3+60.90 TC = 5+49.43 F LT 32.87'=TR1
N=166226.2177
E=446769.6264

TRAIL CONNECTION GRADES
INSIDE EDGE R/L

STA (TC)	ELEV.
1+11.28	700.35 VPI
1+20.65	700.60 VPI
1+30.0	700.82
1+41.28	701.08 VPI
1+52.17	701.87 VPI
1+60.0	702.52
1+70.0	703.34
1+80.0	704.17
1+93.38	705.27 VPI
2+00.0	705.82
2+10.0	706.64
2+20.0	707.46
2+29.78	708.27 VPI
2+40.0	709.12
2+50.0	709.95
2+64.29	711.14 VPI
2+70.0	711.62
2+85.12	712.89 VPI
3+00.0	714.10
3+14.71	715.30
3+20.0	715.88
3+30.0	716.97
3+40.0	718.06
3+50.0	719.16
3+60.90	720.35 VPI

END ASPHALT PAVEMENT
STA 3+75.0 F

VPOT STA 3+00.00 VPOT EL701.050
VPC STA 3+25.00 VPC EL701.675
VPI STA 3+50.00 VPI EL702.300
VPT STA 3+75.00 VPT EL704.064
VPC STA 4+15.00 VPC EL706.886
VPI STA 4+40.00 VPI EL708.650
VPT STA 4+65.00 VPT EL710.775
VPC STA 5+10.00 VPC EL714.600
VPI STA 5+25.00 VPI EL715.875
VPT STA 5+40.00 VPT EL716.836
VPI STA 5+79.42 VPI EL719.360
VPI STA 5+95.42 VPI EL719.680
VPOT STA 6+03.16 VPOT EL719.680

VCL 50.00 K = 10.98
VCL 50.00 K = 34.62
K = 14.31 VCL 30.00

+2.50 %
+7.06 %
+8.50 %
-6.40 %
2.00 %
-2.00 %

EXISTING GROUND
PROPOSED F R/L PROFILE

701.053	701.753	702.624	704.018	705.817	707.670	709.577	711.781	714.087	716.557	716.569	719.441	723.166	
701.050	701.675	702.585	704.064	705.828	707.606	709.533	711.625	713.750	715.796	717.476	719.077	719.680	
3+00	3+25	3+50	3+75	4+00	4+25	4+50	4+75	5+00	5+25	5+50	5+75	6+00	

710
700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, FISHERMANS LANDING	SHEET	E

FILE NAME : P:\State\s35\71900600\Cad\050134_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

DRIVEWAY SHEET NOTE:

FIELD VERIFY PLANNED DRIVEWAY LOCATION AND WIDTH. NEWLY DEVELOPED SITE

MATCH INTO EXISTING SIDEWALK

EXISTING CURB & GUTTER TO REMAIN (DO NOT DISTURB)

SAW CUT (ASPHALT) STA 93+90 M

PI 91+80.50M

TLE

4' BOULEVARD

5' SIDEWALK

R/W

10'

19'

R=53'

R=75'

PT 110+87.53

111+00

PI 111+03.52

287+00

288+00

92+00

93+00

94+00

PI 94+31.48 M

PC 93+72.61M

PT 92+68.44M

SIDEWALK POINTS
92+07.19M RT 32.47'
92+26.11M RT 29.82'
92+35.65M RT 25.48'

5' SIDEWALK CONNECTION

30 'DRIVEWAY C/L 92+80 M(1) SEE SHEET NOTE ASPHALT

5' SIDEWALK

MATCH LOCATION STA 93+00 M

ASPHALT PAVEMENT REPLACEMENT FROM MATCH LOCATION TO SAW CUT

PT 94+85.4M

PC 94+96.75M

95+00

MASON STREET

PI 95+51.06M

PT 96+03.71M

96+00

PI 96+09.40M

PC 90+70.70

PC 90+55.91

PI 286+

PI 288+03.69

PC 285+90.85

UTILITY POLE #LPOL145 TO BE REMOVED BY OTHERS.

R/W

BICYCLE STORE

SITE DEVELOPMENT DO NOT DISTURB NEWLY PLANTED TREES

N

5

5

730

725

720

715

PROPOSED M R/L PROFILE

INTERSECTION GROUND PROFILE CHANGED DUE TO SITE DEVELOPEMENT

EXISTING GROUND

VPI STA 90+90.70
VPOT ELE 719.980

-2.00 %

VPI STA 91+50.00
VPI ELE 718.794

-1.50 %

VPI STA 92+50.00
VPI ELE 717.294

-0.90 %

VPC STA 92+80.00
VPC ELE 717.024

VCL 40.00
K = 47.34

VPI STA 93+00.00
VPI ELE 716.844

VPT STA 93+20.00
VPT ELE 716.833

-0.06 %

VPI STA 93+75.00
VPI ELE 716.803

+0.76 %

VPOT STA 94+50.00
VPOT ELE 717.370

720.109	720.102	714.599	713.620	713.703	717.011	717.278	716.984	716.880	716.789	716.778	716.779	716.973	717.183	717.369	717.498	717.665	717.854	718.058	718.271
719.794	719.294	718.794	718.419	718.044	717.669	717.294	717.069	716.886	716.830	716.816	716.803	716.992	717.181	717.370					
91+00	91+25	91+50	91+75	92+00	92+25	92+50	92+75	93+00	93+25	93+50	93+75	94+00	94+25	94+50	94+75	95+00	95+25	95+50	95+75	96+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, MASON	SHEET	E

SITE DEVELOPEMENT AREA

N5344 N5336 N5330 N5312 N5298 W6822

DRIVEWAY(1)
FIELD VERIFY NEWLY CONSTRUCTED DRIVEWAY

EXISTING BUSINESS SIGN (4)
DO NOT DISTURB IN GROUND LIGHT. ADJUST SLOPE WORK FOR MATCHING INTO EXISTING GROUND IN ORDER TO AVOID/MINIMIZE DISTURBANCE TO DECORATIVE STONE.

RELOCATED
15' DRIVEWAY
C/L STA 111+45 ZH (1)(2)

FIELD VERIFY LOCATION TO ALIGN WITH THE EXISTING CONCRETE PAD EDGE AND OPPOSITE CONCRETE DRIVEWAY

HILLTOP DRIVE

SAWCUT ASPHALT

TLE

UTILITY POLE *K2776
TO BE RELOCATED BY OTHERS

DRIVEWAY CLOSURE

R/W

SI

CAUTION

STA 299+77.79 NB
=STA 110+34.11 ZH

PI 112+31.15 ZH

PT 299+17.33

PI 298+00.09

PC 296+82.85

BM 1013

CAUTION NB R/L

SB R/L

REMOVAL OF EXISTING
24-INCH RCCP AND
CONCRETE INTAKE

STA 299+80.22 SB
=STA 110+18.09 ZH

MATCH LOCATION
STA 111+43.0 ZH

PROPOSED ZH R/L PROFILE

EXISTING GROUND

CTH Z

VPI STA 109+89.01
VPI EL 710.98

VPI STA 110+06.07
VPI EL 711.29

VPI STA 110+18.09 @ SB RL
VPI EL 711.53

VPI STA 110+34.11 @ NB RL
VPI EL 711.85

VPI STA 110+46.38
VPI EL 711.60

VPI STA 110+63.77
VPI EL 711.26

VPC STA 110+80.00
VPC EL 711.90

VPI STA 111+00.00
VPI EL 712.69

VPT STA 111+20.00
VPT EL 713.25

VPOT STA 112+00.00
VPOT EL 715.49

VCL 40.00
K = 35.20

+1.81 % +2.0% -2.04 % -1.96 % +3.94% +2.80 %

NO.	STA.	BM DESCRIPTION	ELEV.
1013	297+13 NB RT 22'	CHIZ □ ON NORTH END OF PE 18" RCCP@ FIRE* N5298 ±500' SOUTH OF INT. OF STH 35 & CTH Z	711.92

694.17 710.47 | 693.21 710.56 | 693.21 710.65 | 693.13 710.73 | 693.67 710.82 | 700.97 710.91 | 711.57 711.18 | 711.54 711.53 | 712.71 712.63 | 713.91 714.09 | 715.49 715.49

107+00 | 107+50 | 108+00 | 108+50 | 109+00 | 109+50 | 110+00 | 110+50 | 111+00 | 111+50 | 112+00

715 710 705

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, HILLTOP DRIVE	SHEET	E

STH 35 NB RL

STH 35 SB RL

CAUTION

STA 299+77.79 NB
=STA 110+34.11 ZH

STA 299+80.22 SB
=STA 110+18.09 ZH

PT 299+17.33

PI 110+34.11ZH

PI 109+97.47ZH

MGS RADIUS
R=47'

PC 305+56.25

STA 103+25
MGS GUARDRAIL
TERMINAL EAT

PC 105+03.96 ZH

PT 105+96.02 ZH

PI 107+00.00ZH

REMOVE UTILITY POLES
NOT IN SERVICE

RELOCATED
CTH Z
INTERSECTION

300+18.9 NB
LT 126.3'

REMOVE
EXISTING
MANHOLE

REMOVE UTILITY POLE
NOT IN SERVICE

PT 299+18.95ZH

CTH Z

PT 103+80.48ZH

PI 105+50.00ZH

PC 106+12.44ZH

PC 108+58.72ZH

PT 108+87.11ZH

PI 109+48.12ZH

SAW CUT ASPHALT

MGS GUARDRAIL 3

R-32-0058
WALL CONCRETE PANEL
MECHANICALLY STABILIZED EARTH
SEE STRUCTURE PLAN

MATCH LOCATION
STA 104+50 ZH

BEGIN R-32-0058
STA 1+00.00 'WZ 0'=
STA 106+03.44 'ZH' RT 46.66'

R-32-0058

MGS RADIUS
R=104.5'

STA 4+55.0 'WZ' =
STA 109+28.25
'ZH' RT 52.22'

299+34.6 NB
BEGIN BREAKAWAY
POST PLACEMENT
FOR MGS RAIL.
SEE SHEET NOTE

END R-32-0058
STA 5+35.0 'WZ' =
STA 109+64.72 'ZH' RT 95.82'

STA 1+50.00 'WZ' =
STA 106+52.59 'ZH' RT 64.25'

STA 4+00.0'WZ' =
STA 108+93.21 'ZH' RT 39.35'

BURIED
MANHOLE
TO BE
REMOVED

EXISTING CPCS-24"
TO BE REMOVED

TO DISCHARGE

R/W

SHEET NOTE
PLACE BREAKAWAY POST ACCORDING TO STANDARD DETAIL DRAWING WITH LIMITS INDICATED. RAILS ARE NOT TO BE BOLTED TO POST. RAIL IS TO BE SITTING ON TOP OF LAG SCREW.

VCL 40.00
K = 35.20

VPI STA 110+18.09 @ SB RL
VPI EL 711.53

VPI STA 110+34.11 @ NB RL
VPI EL 711.85

VPC STA 103+70.00
VPC EL 700.88

VPI STA 104+40.00
VPI EL 706.20

VPT STA 105+10.00
VPT EL 708.30

VPC STA 105+40.00
VPC EL 709.20

VPI STA 105+75.00
VPI EL 710.25

VPT STA 106+10.00
VPT EL 710.31

VPI STA 109+89.01
VPI EL 710.98

VPI STA 110+06.07
VPI EL 711.29

VPI STA 110+46.38
VPI EL 711.60

VPI STA 110+63.77
VPI EL 711.26

VPC STA 110+80.00
VPC EL 711.90

VPI STA 111+00.00
VPI EL 712.69

VPT STA 111+20.00
VPT EL 713.25

+3.00 %
+0.18 %
+1.81 %
+2.00 %
-2.04 %
-1.96 %
+2.80 %

K = 24.79
VCL 70.00

K = 30.43
VCL 140.00

PROPOSED ZH R/L PROFILE

EXISTING GROUND

| | | |

N

3' AGGREGATE SHOULDER

SAW CUT ASPHALT

PT 66+64.88 EW

67+00

68+00

PC 68+90.45 EW

69+00

EVERGREEN WAY

PT 69+79.49 EW

372+00

372+00

70+00

PI 70+25.10 EW

PROPOSED WATERLINE PLACEMENT PRIOR TO ROADWAY CONTRACT. CONFIRMATION OF LOCATION/DEPTH REQUIRED FOR ROADWAY EXCAVATION

WATER

STA 371+26.25 SB
=STA 70+04.91 EW

STA 371+23.81 NB
=STA 70+25.10 EW

EXISTING FIRE HYDRANT

SAW CUT ASPHALT

NORTH COURT

INL 70.2

12-INCH

INL 70.1

PI 74+03.47 EW

74+00

3' AGGREGATE SHOULDER

MH71

MH70

18-INCH

71+00

RELOCATED WALDEN PLACE

72+00

WATER

PC 72+31.89 EW

73+00

PI 00+00+10 EW

703.67

PI 73+22.10 EW

SAW CUT ASPHALT

W6937

18' DRIVEWAY
C/L STA 73+31.4 EW(1)(2)
CONCRETE
42'-12-INCH CMCP
72+44 EW RT 34'
TO 72+80.7 EW RT 29'

PI 69+35.00

371+00

PI 70+04.91 EW

371+00

CAUTION

CAUTION

EXISTING UTILITY POLE LOCATED IN DITCH CUT SECTION

EXISTING ABOVE GROUND GAS VALVE ASSEMBLY

3' AGGREGATE SHOULDER

WATER

SAN

36-INCH

703.40

703.25

703.57

108

CAUTION

3' AGGREGATE SHOULDER

15' DRIVEWAY
C/L STA 72+63 EW(1)(2)
5.5' WEST/9.5' EAST OF C/L
FROM EDGE OF ASPHALT FOR WALDEN. CONTINUE 15' WIDTH FOR 15', THEN TAPER EAST EDGE OF DRIVEWAY TO MATCH EXISTING CONCRETE.

5

EXISTING INLET DO NOT DISTURB

MATCH LOCATION STA 68+00 EW

10+00

10+00

MH69

NEW SANITARY LINE EXTENSION

54' 12-INCH CMCP
71+09 EW RT 45'
TO 71+63 EW RT 38'

104

EXISTING UTILITY POLE WITH LIGHT

14' DRIVEWAY
C/L STA 71+37.1 EW(1)(2)
CONCRETE

5

VPI STA 67+00.00
VPI EL 702.45

+2.75 %

+2.30 %

VPC STA 68+25.00
VPC EL 705.33

VPI STA 68+50.00
VPI EL 705.90

VPT STA 68+75.00
VPT EL 706.25

K = 56.61
VCL 50.00

+1.42 %

3.31%

VPI STA 69+75.64
VPI EL 707.68

VPI STA 70+04.91
VPI EL 708.65

SB RL @

VPI STA 70+25.10
VPI EL 708.65

NB RL @

-1.98 %

VPI STA 70+54.86
VPI EL 708.06

PROPOSED EW R/L PROFILE

-1.39 %

VCL 50.00

K = 43.65

VPC STA 72+50.00
VPC EL 705.35

VPI STA 72+75.00
VPI EL 705.00

VPT STA 73+00.00
VPT EL 704.94

-0.2

EXISTING GROUND

PROPOSED WATER MAIN (VERIFY DEPTH)

PROPOSED 36-INCH STORM SEWER TRUNK LINE

705

700

695

701.06	702.40	703.58	704.68	705.84	706.68	707.77	708.43	706.57	705.81	705.15	704.91	705.31	705.26	704.72	704.59
701.08	702.45	703.60	704.75	705.84	706.61	707.32	708.16	708.16	707.43	706.74	706.04	705.35	704.94	704.82	704.69

66+50 67+00 67+50 68+00 68+50 69+00 69+50 70+00 70+50 71+00 71+50 72+00 72+50 73+00 73+50 74+00

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, EVERGREEN WAY	SHEET	E

TLE
R/W
SAW CUT ASPHALT
PROPOSED WATERLINE PLACEMENT PRIOR TO ROADWAY CONTRACT. CONFIRMATION OF LOCATION/DEPTH REQUIRED FOR ROADWAY EXCAVATION
STA 371+26.25 SB =STA 70+04.91 EW
STA 371+23.81 NB =STA 70+25.10 EW
3' AGGREGATE SHOULDER
SI
N5861
N5852
WATER
NORTH COURT
SAW CUT ASPHALT
PC 74+03.47 EW
PI 74+95.57
PT 75+20.09
PC 74+70.09
PC 68+90.45EW
PT 69+79.49EW
PI 70+25.10EW
PI 70+04.91EW
PC 72+31.89EW
PI 10+00.00 NB
PI 75+22.10EW
EVERGREEN WAY
RELOCATED WALDEN PLACE
WALDEN PLACE
SAN
CAUTION
EXISTING ABOVE GROUND GAS VALVE ASSEMBLY
EXISTING UTILITY POLE LOCATED IN DITCH CUT SECTION
PI 69+35.00
W6937
MATCH LOCATION STA 74+03.47 EW
3' AGGREGATE SHOULDER
18' DRIVEWAY C/L STA 73+31.4 EW(1)(2) CONCRETE
15' DRIVEWAY C/L STA 72+63 EW(1)(2) 5.5' WEST/9.5' EAST OF C/L FROM EDGE OF ASPHALT FOR WALDEN, CONTINUE 15' WIDTH FOR 15', THEN TAPER EAST EDGE OF DRIVEWAY TO MATCH EXISTING CONCRETE.
14' DRIVEWAY C/L STA 71+37.1 EW(1)(2) CONCRETE
104
108
NEW SANITARY LINE EXTENSION
PROPOSED EW R/L PROFILE
EXISTING GROUND
PROPOSED WATER MAIN (VERIFY DEPTH)
PROPOSED 36-INCH STORM SEWER TRUNK LINE
VPC STA 68+25.00 VPC EL705.33
VPI STA 68+50.00 VPI EL705.90
VPT STA 68+75.00 VPT EL706.25
VPI STA 69+75.64 VPI EL707.68
SB RL @ VPI STA 70+04.91 VPI EL708.65
NB RL @ VPI STA 70+25.10 VPI EL708.65
VPI STA 70+54.86 VPI EL708.06
VPC STA 72+50.00 VPC EL705.35
VPI STA 72+75.00 VPI EL705.00
VPT STA 73+00.00 VPT EL704.94
VPOT STA 75+00.00 VPOT EL704.45
+2.30 %
+1.42 %
3.31%
-1.98 %
-1.39 %
-0.24 %
K = 56.61
VCL 50.00
K = 43.65
VCL 50.00
703.58 703.60
704.68 704.75
705.84 705.84
706.68 706.61
707.77 707.32
708.43 708.16
706.57 708.16
705.81 707.43
705.15 706.74
704.91 706.04
705.31 705.35
705.26 704.94
704.72 704.82
704.59 704.69
704.47 704.57
704.42 704.45
67+50 68+00 68+50 69+00 69+50 70+00 70+50 71+00 71+50 72+00 72+50 73+00 73+50 74+00 74+50 75+00
710
705
700
5
N

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, WALDEN PLACE	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\050139_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

21' DRIVEWAY
C/L STA 36+18.48 CS
ASPHALT

CAUTION
DO NOT DISTURB
EXISTING INLET

W7008

SAW CUT
ASPHALT

200+00 PINE VIEW DRIVE

MATCH LOCATION
STA 200+75 PD

15' DRIVEWAY
C/L STA 200+96 PD
ASPHALT

DO NOT DISTURB
EXISTING CROSS DRAIN PIPE

W7017

14' DRIVEWAY
C/L STA 201+54.9 PD
AGGREGATE

386+50 SB
LT 103'

386+50 SB
LT 67'
TLE

SITE 47LC389

PI STA 202+75.46 PD=
STA 386+81.13 SB

PI STA 201+54.94 PD=
STA 35+00.00 CS

SAFETY FENCE REQUIRED
ARCHAEOLOGICAL SITE PROTECTION
NO SOIL DISTURBANCE BEYOND FENCE

CUL-DE-SAC

PINE VIEW DR

PROPOSED PD R/L PROFILE

EXISTING GROUND

VCL 120.00
K = 20.34

VPI STA 202+00.00
VPI EL708.28

VPI STA 202+63.46
VPI EL710.85

VPT STA 201+95.00
VPT EL708.03

VPOT STA 202+75.46 @ SB RL
VPOT EL711.09

VPOT STA 200+50.00
VPOT EL705.80

VPC STA 200+75.00
VPC EL705.57

VPI STA 201+35.00
VPI EL706.03

200+93.31
705.49

-0.90 %
+5.00 %
+4.04 %
+2.00 %

	200+25	200+50	200+75	201+00	201+25	201+50	201+75	202+00	202+25	202+50	202+75
	705.52	705.80	705.56	705.38	705.22	705.38	705.18	704.89	704.69	709.61	710.84
		705.80	705.57	705.50	705.74	706.28	707.13	708.28	709.30	710.31	711.08

716 / 711 / 708.5 / 706

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, PINEVIEW	SHEET E

FILE NAME : P:\State\s35\71900600\Cad\050140_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

15' DRIVEWAY C/L
STA 200+96 PD

PINEVIEW

PC 200+78.74PD

W7017

PI 201+16.69

12' DRIVEWAY
C/L STA 37+23.61
ASPHALT

W7008

W7004

21' DRIVEWAY C/L
STA 36+18.48 CS
ASPHALT

CAUTION

ADJACENT DRAIN FIELD/WELL
NEAR CUL-DE-SAC. NO MACHINERY
BEYOND R/W

N5995

SEPTIC VENT 38+15.6 CS, LT 46'

EXISTING LIGHT POLE
TO BE RELOCATED
BY OTHERES

RADIUS CENTER
E=444067.036
N=177251.092
38+54.78 CS LT 20.31'

14' DRIVEWAY
AT RADIUS EDGE

PI POINT

10' MULTI-USE TRAIL

COUNTY OT

PT 26+49.78

PI 27+30.65

PT 201+54.24PD

PI 38+00.00CS

14' DRIVEWAY C/L
STA 201+54.9 PD

PI STA 35+00.0 CS
STA 201+54.994 PD

PI 37+36.32CS

PI 37+79.71CS

R=60'

PI 38+79.71CS

CUL-DE-SAC

R/W

TURN BAY

STH 35

PI 386+75.14

PI 202+75.46

EXISTIING UTILITY POLE
WITH LIGHT TO BE
RELOCATED BY OTHERS

PI STA 202+75.46 PD=
STA 386+81.83 SB

CUL-DE-SAC CENTER POINT
37+20.0 CS RT 5', R=42'

TANGENT LINE EXTENSION TO
DRIVEWAY CENTERLINE (1)
TANGENT PI POINT
N=177294.108
E=444122.905
38+68.79 CS RT 48.79'

PROPOSED CS R/L PROFILE

EXISTING GROUND

VCL 20.00
K = 10.59

VCL 30.00
K = 13.19

K = 19.35
VCL 30.00

-1.01 %
+0.87 %
+3.15 %
+1.60 %
+0.00 %
+10.78 %
+3.00 %

VPC STA 35+65.00
VPC EL705.77
VPI STA 35+75.00
VPI EL705.67
VPT STA 35+85.00
VPT EL705.76

VPC STA 36+32.00
VPC EL706.17

VPI STA 36+47.00
VPI EL706.30

VPT STA 36+62.00
VPT EL706.77

VPC STA 36+85.00
VPC EL707.50

VPI STA 37+00.00
VPI EL707.97

VPT STA 37+15.00
VPT EL708.21

VPI STA 38+35.00
VPI EL710.13

VPI STA 38+50.00
VPI EL710.99

VPI STA 38+42.00
VPI EL710.13

VPOT STA 38+60.00
VPOT EL711.29

VPOT STA 35+00.00 @ PD RL
VPOT EL706.43

705.45	705.40	705.47	705.67	705.92	706.20	706.34	707.13	707.96	708.38	707.53	707.32	707.93	708.64	710.94	711.89
706.43	706.18	705.92	705.72	705.89	706.11	706.45	707.18	707.91	708.37	708.77	709.17	709.57	709.97	710.99	
35+00	35+25	35+50	35+75	36+00	36+25	36+50	36+75	37+00	37+25	37+50	37+75	38+00	38+25	38+50	38+75

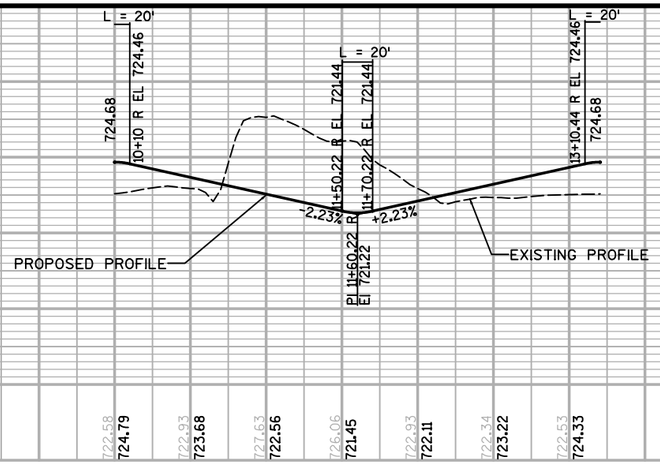
712 / 709 / 706 / 703 / 700

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE, PINEVIEW CUL-DE-SAC	SHEET	E

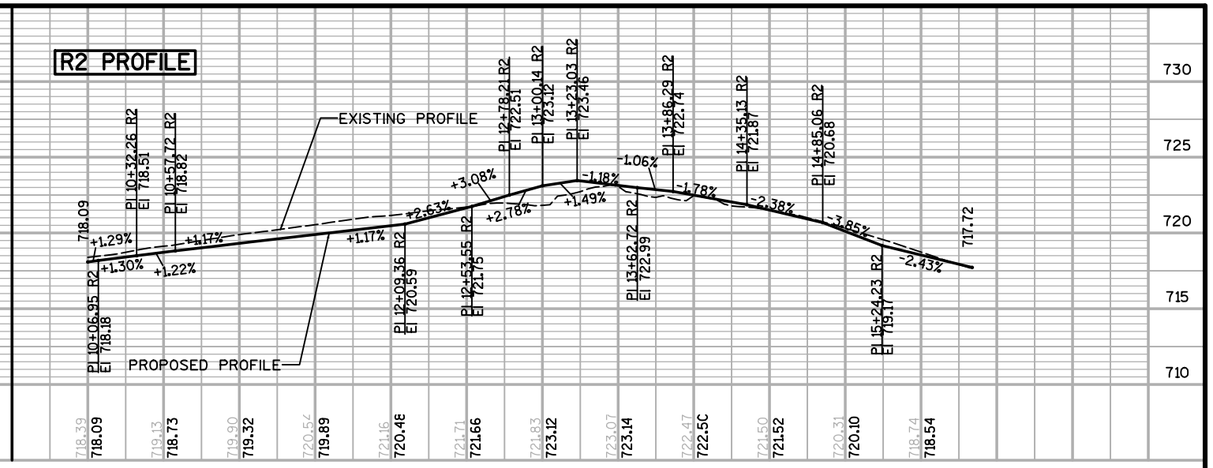
FILE NAME : P:\State\s35\71900600\Cad\050141_pp.dgn PLOT DATE : 15-SEP-2015 10:25 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 50:1

WISDOT/CADDS SHEET 40

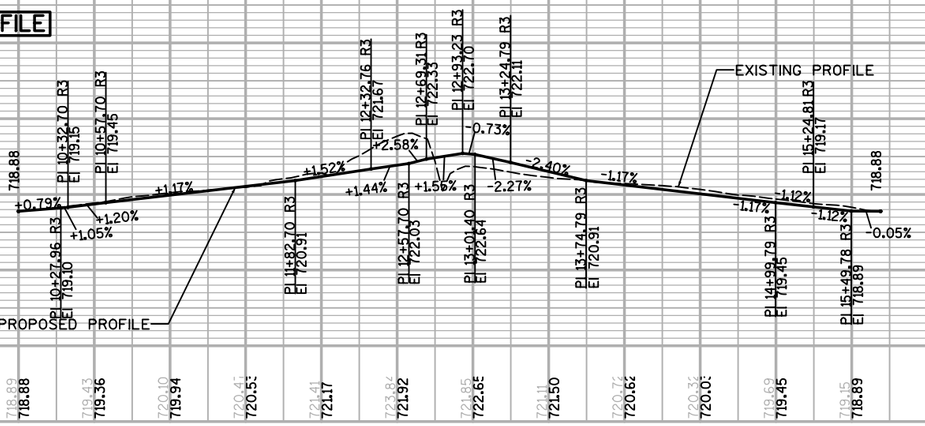
R PROFILE



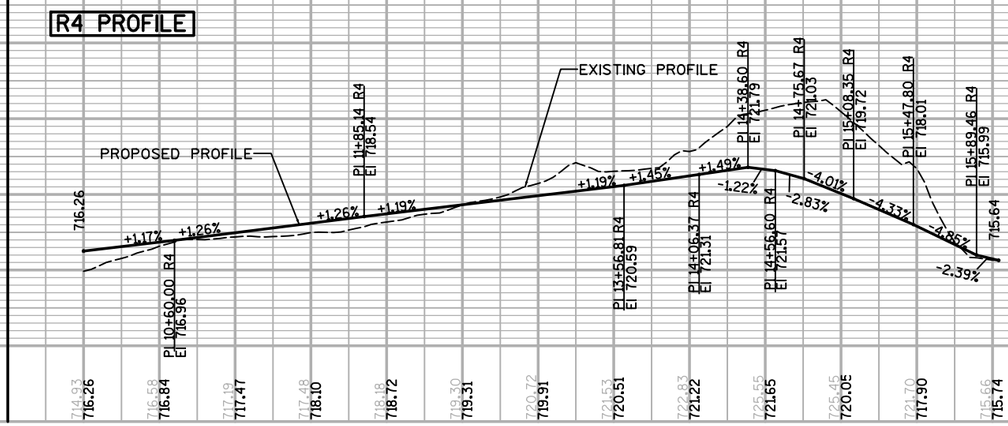
R2 PROFILE



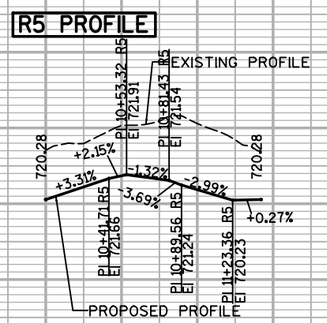
R3 PROFILE



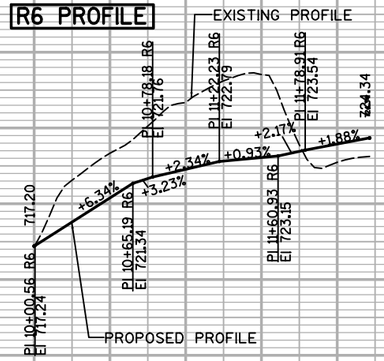
R4 PROFILE



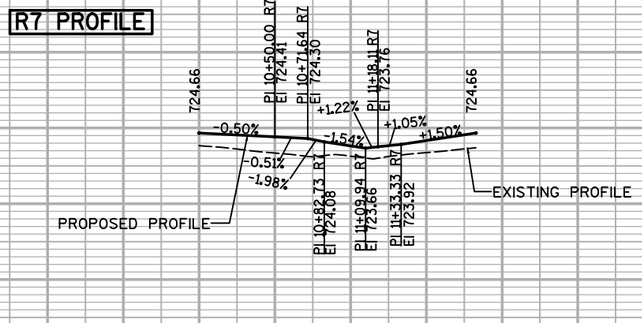
R5 PROFILE



R6 PROFILE

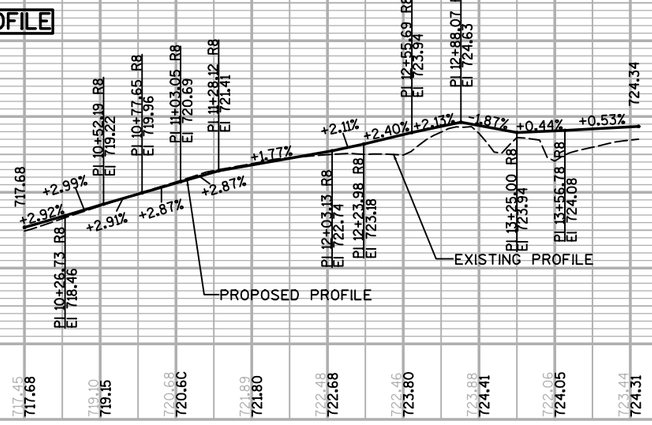


R7 PROFILE

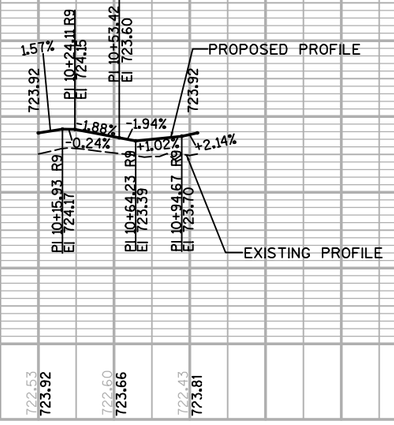


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROFILES - RIDERS CLUB AND MASON ROUNDABOUT	SHEET 415	E

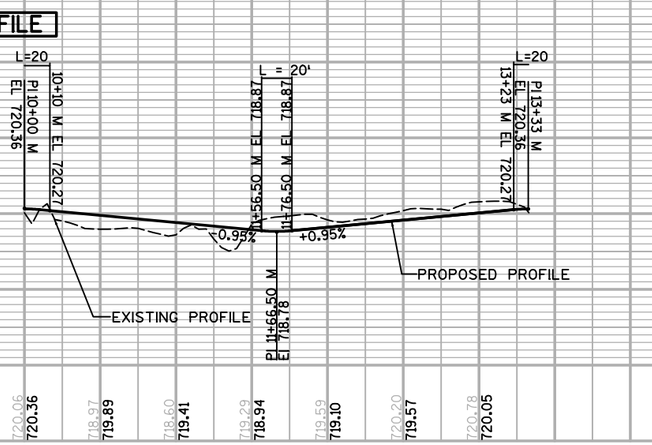
R8 PROFILE



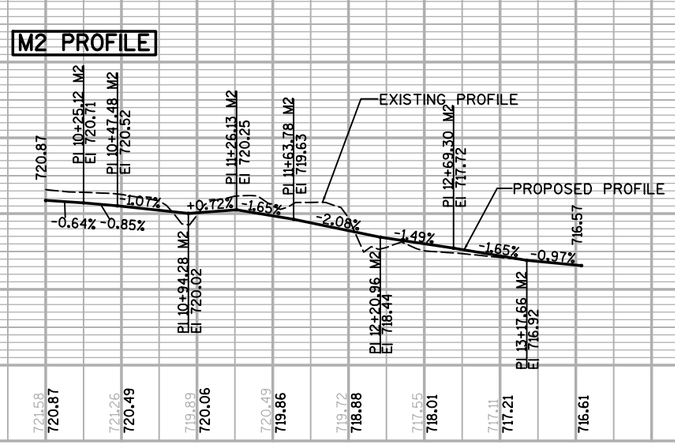
R9 PROFILE



M PROFILE



M2 PROFILE



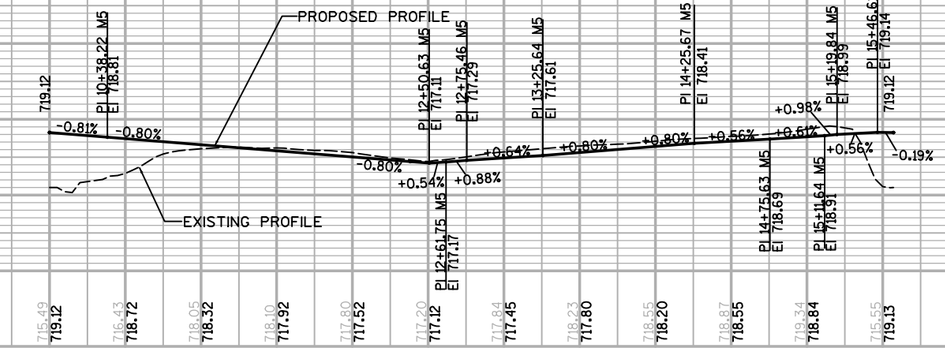
M3 PROFILE

M4 PROFILE

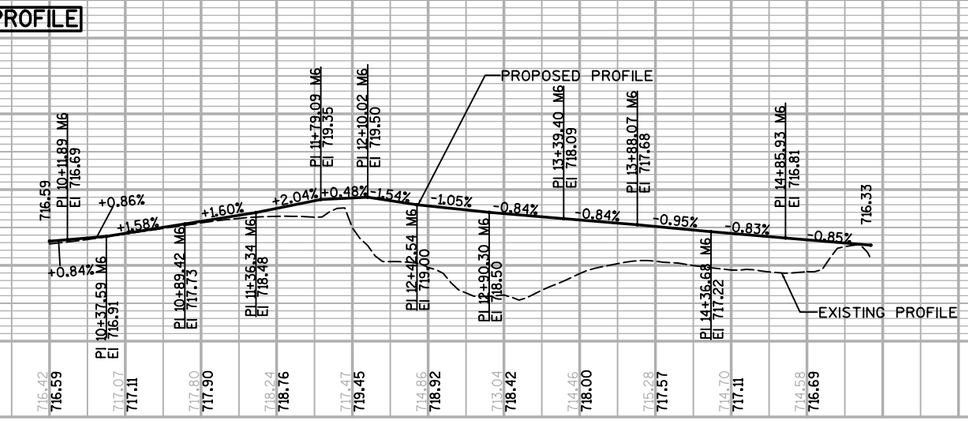


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROFILES - RIDERS CLUB AND MASON ROUNDABOUTS	SHEET 416	E

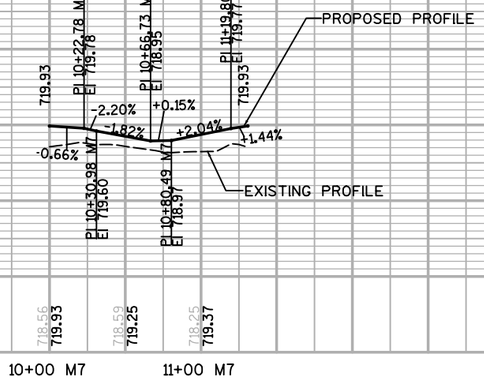
M5 PROFILE



M6 PROFILE



M7 PROFILE



PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	PROFILES - RIDERS CLUB AND MASON ROUNDABOUT	SHEET 417	E

Standard Detail Drawing List

08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-01	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C06-01	INLETS 3-FT AND 4-FT DIAMETER
08C07-01	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-01	INLETS MEDIAN 1 AND 2 GRATE
08C09-01	INLETS MEDIAN 3 AND 4 GRATE
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-15A	CURB RAMPS TYPES 1 AND 1-A
08D05-15B	CURB RAMPS TYPES 2 AND 3
08D05-15C	CURB RAMPS TYPES 4A AND 4A1
08D05-15D	CURB RAMPS TYPE 4B AND 4B1
08D05-15E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E04-02	SOD OR MASONRY AND SOD DITCH CHECKS
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-09	CONDUIT
09B04-11	PULL BOX
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C12-06A	CONCRETE BASE TYPE 13
09E01-14D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-14G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-05	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E08-06D	TYPE 13 POLE 35'-55' MONOTBE ARM
09E08-06E	GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS
11B01-05	CONCRETE CORRUGATED MEDIAN
11B02-02	CONCRETE MEDIAN NOSE
12A03-10	NAME PLATE (STRUCTURES)
13C01-18	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C18-03A	CONCRETE PAVEMENT JOINTING
13C18-03B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-03C	CONCRETE PAVEMENT JOINT TIES
13C18-03D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
13C18-03E	CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS
14B15-08A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-08B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B18-06A	STEEL PLATE BEAM GUARD, CLASS "A" (AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS)
14B42-03A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14C01-02	TIMBER RAIL GUARD FENCE, CURB AND GUARD POST AND MARKER POST
15B01-08A	FENCE WOVEN WIRE
15B01-08B	FENCE WOVEN WIRE
15B03-15A	FENCE CHAIN LINK
15B03-15B	FENCE CHAIN LINK
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C11-06	FLEXIBLE TUBULAR MARKER POST
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C20-01	YIELD MARKING
15C26-02	END-OF-ROADWAY SIGNING
15C29-03A	BICYCLE LANE MARKING
15C29-03B	BICYCLE LANE MARKING
15C29-03E	PAVEMENT MARKING FOR BIKE LANES
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING

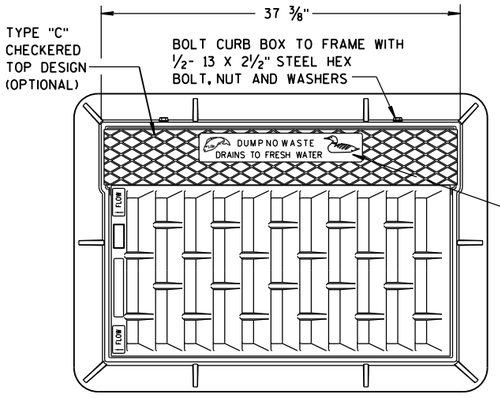
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Standard Detail Drawing List

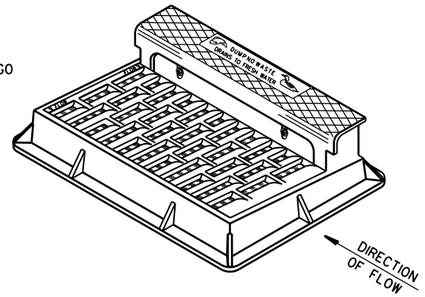
16A01-06 LANDMARK REFERENCE MONUMENTS AND COVERS

6

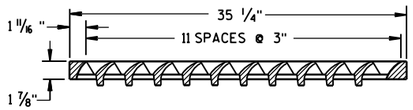
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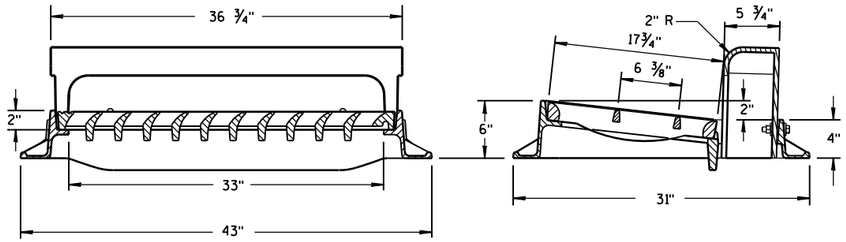


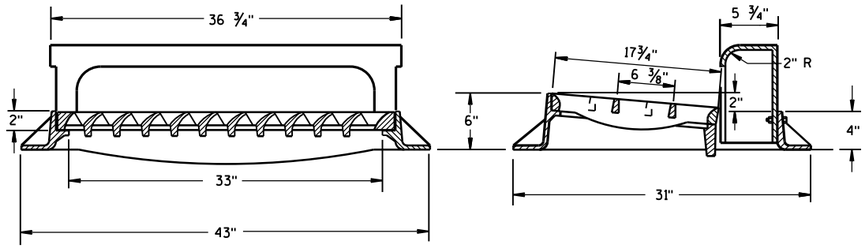
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

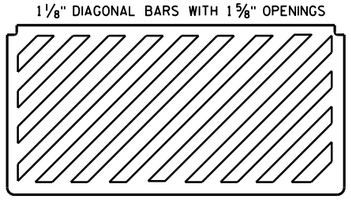






TYPE "H"

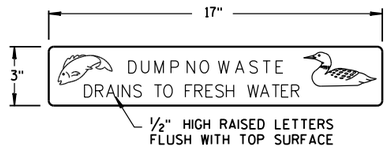
NOTE: EITHER CASTING IS ACCEPTABLE



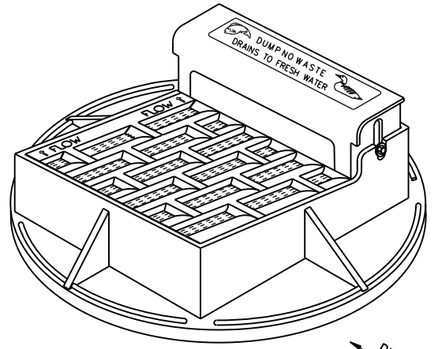
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

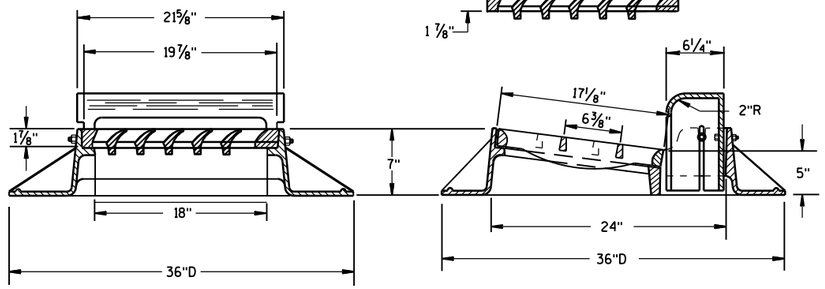


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



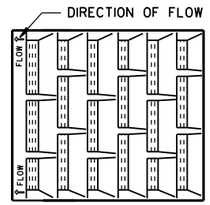
TYPE "A"

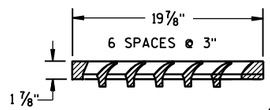
GENERAL NOTES

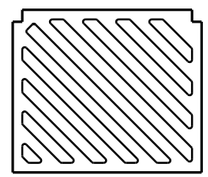
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



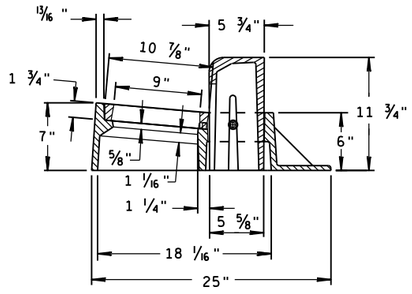


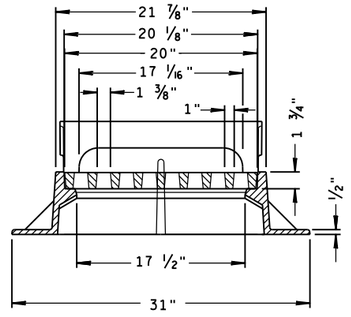


SPECIAL GRATE FOR TYPE "A" COVER

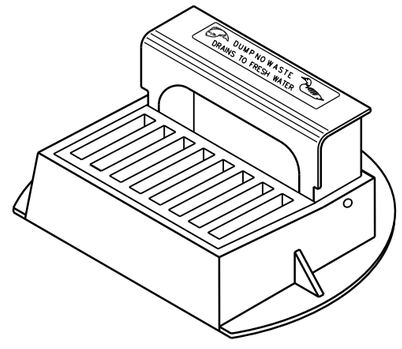
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



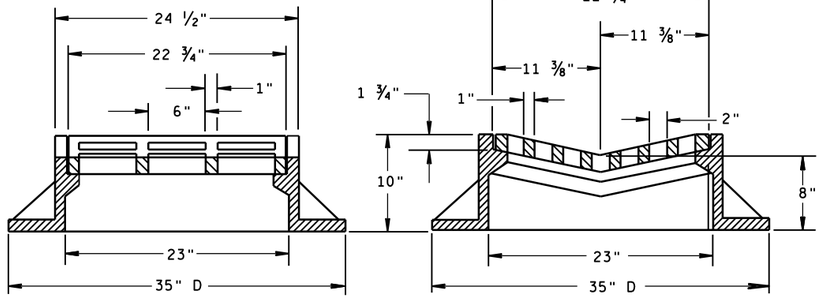
INLET COVERS TYPE A, H, A-S, H-S & Z

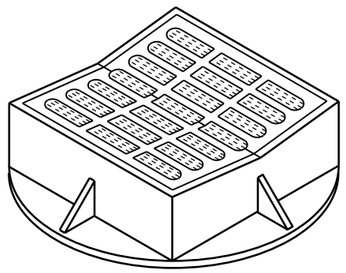
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

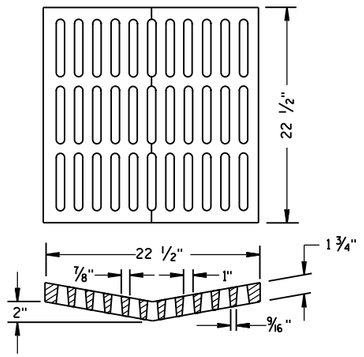
6

S.D.D. 8 A 5-19a



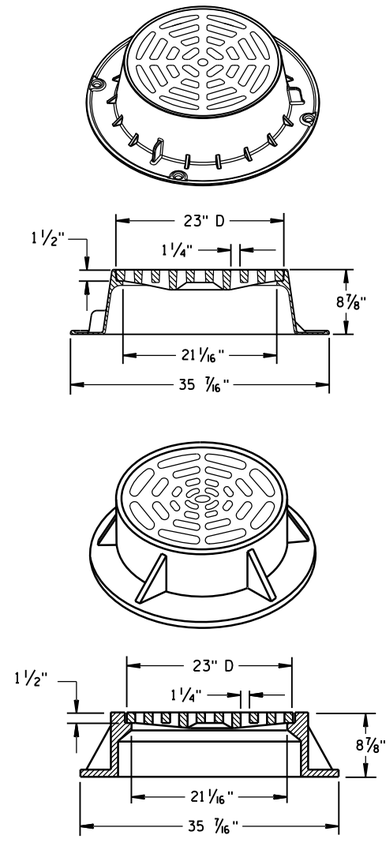


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

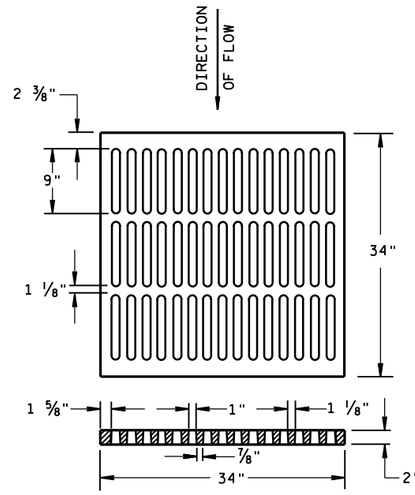
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

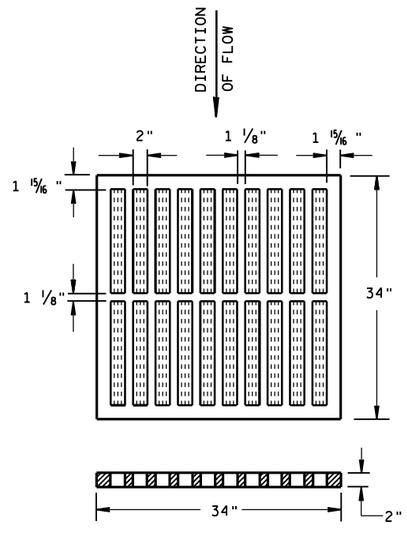
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



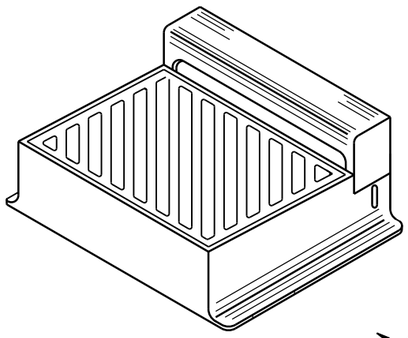
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

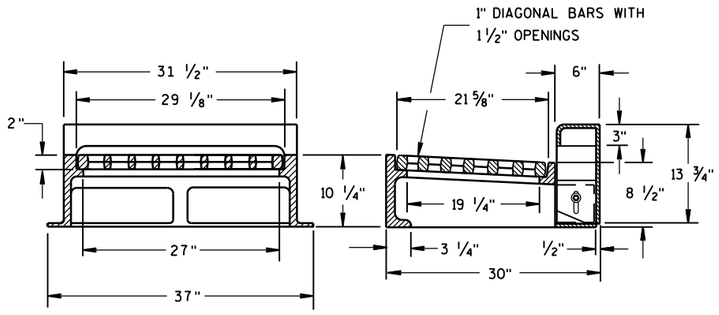


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

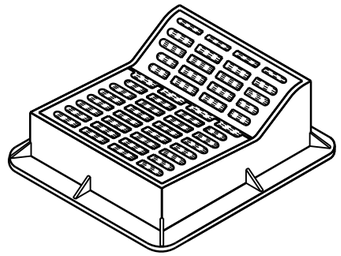
INLET COVERS
TYPE B, B-A, C,
MS, MS-A, & WM

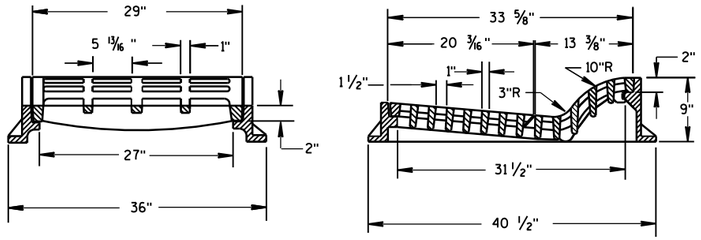
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

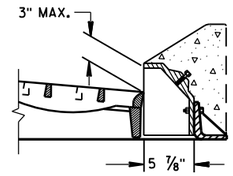
S.D.D. 8 A 5-19b





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

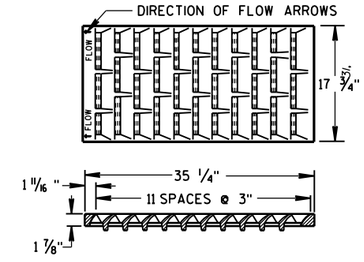
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

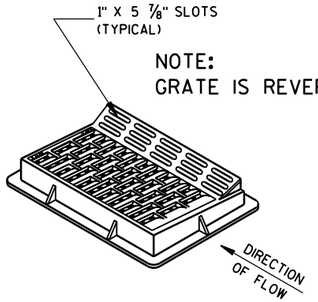
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

GENERAL NOTES

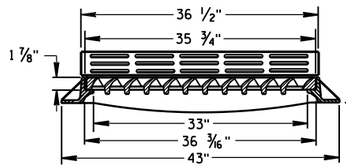
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

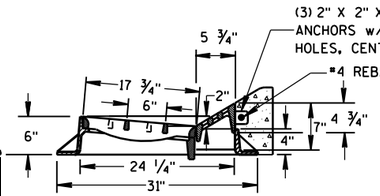
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





NOTE:
GRATE IS REVERSIBLE.

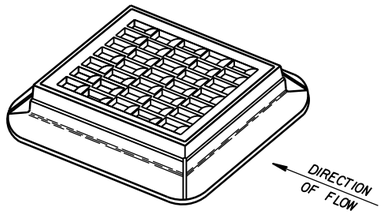


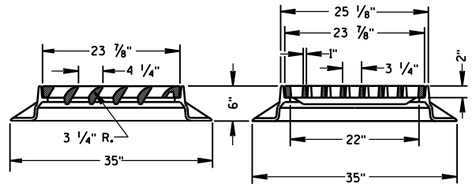


TYPE "HM"

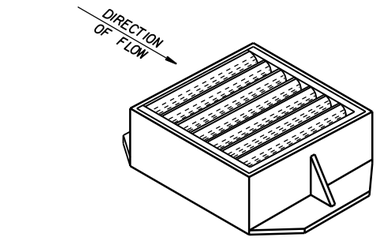
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

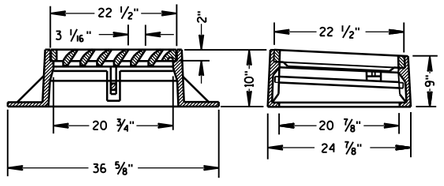
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



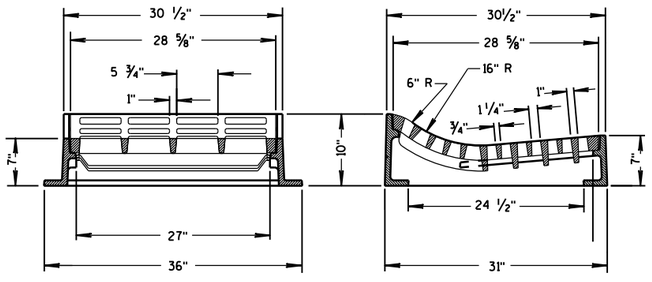


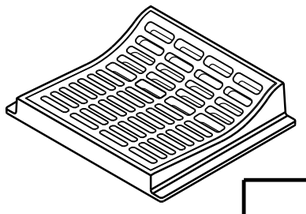
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

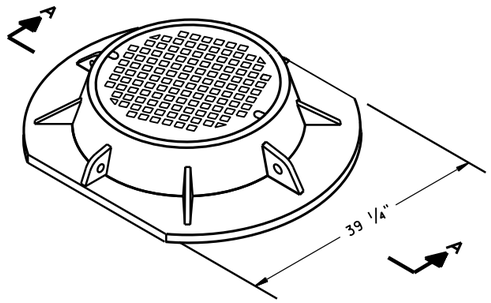
APPROVED
11/27/2013
DATE

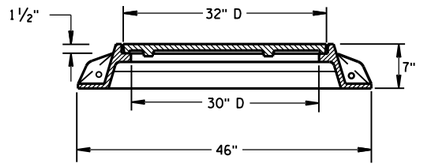
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

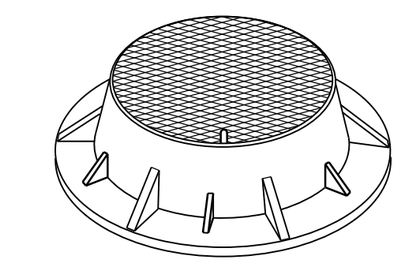
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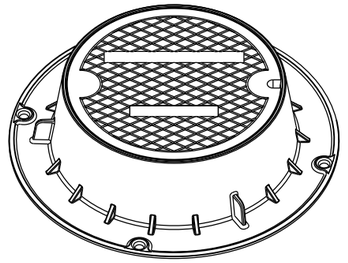
S.D.D. 8 A 5-19c

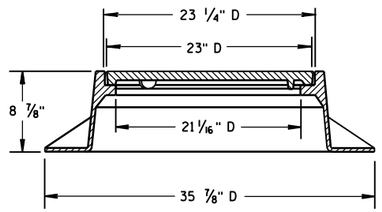


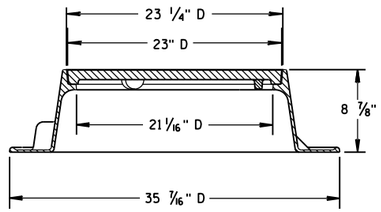


SECTION A-A
TYPE "K"









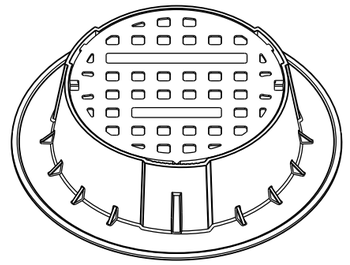
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

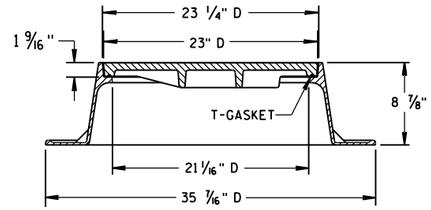
GENERAL NOTES

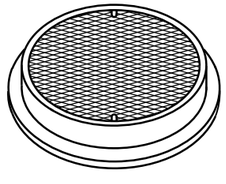
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

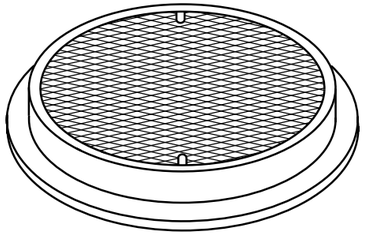
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

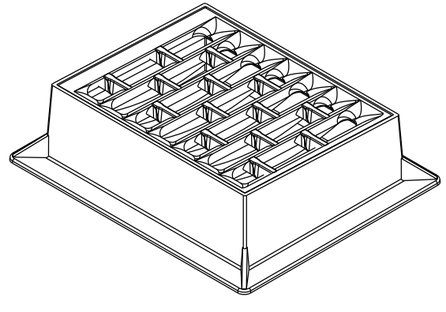
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

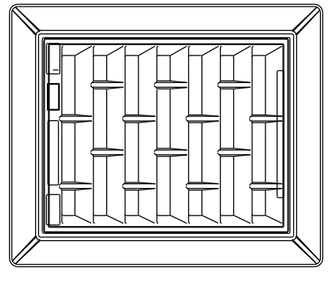


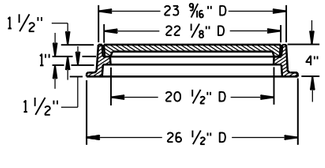




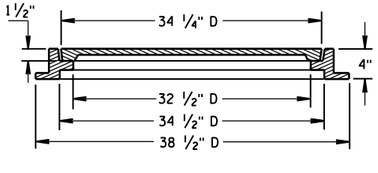




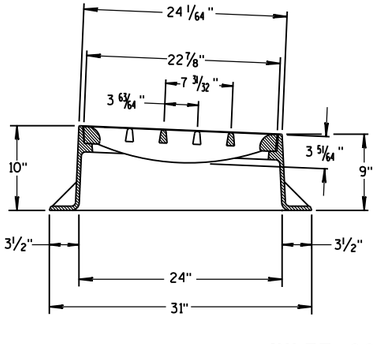


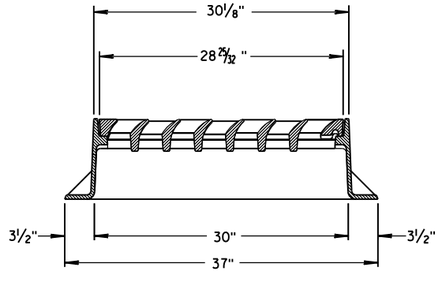


TYPE "L"

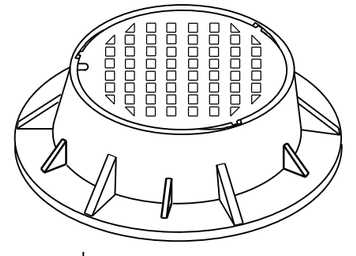


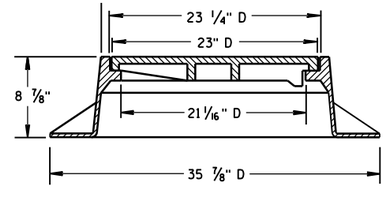
TYPE "M"





INLET COVER TYPE "BW"





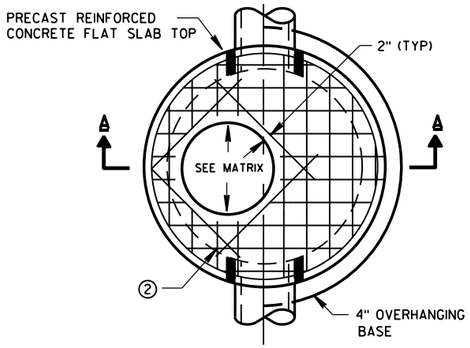
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

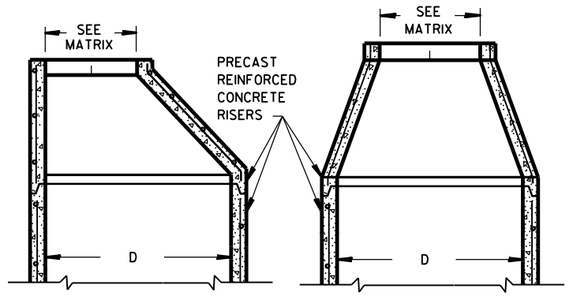
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 A 5-19d

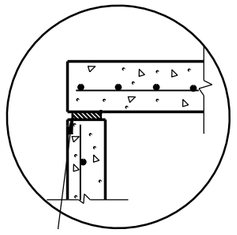


PLAN VIEW CIRCULAR OPENING

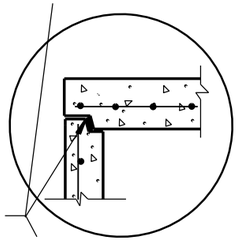


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

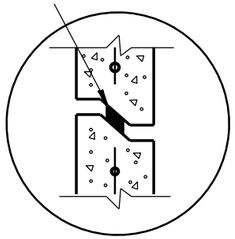


TOP WITH PLAIN END JOINT



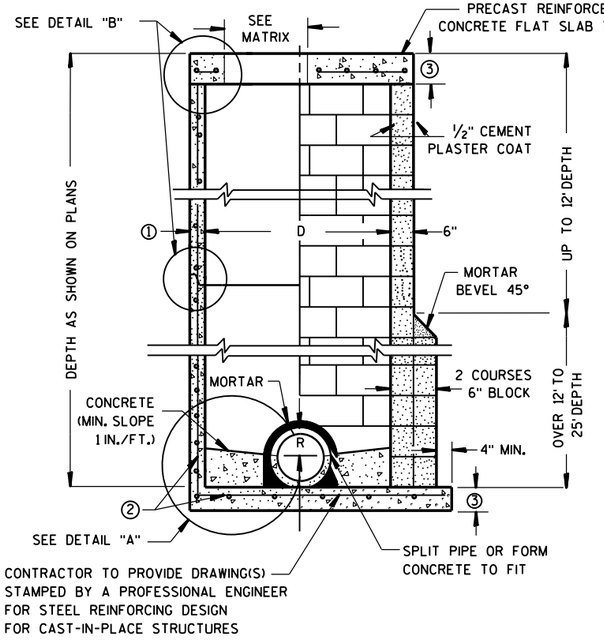
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



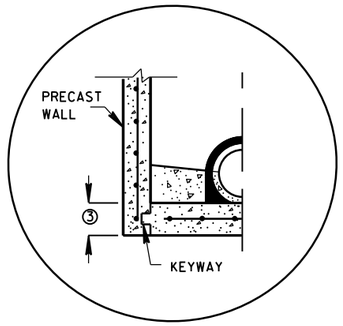
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

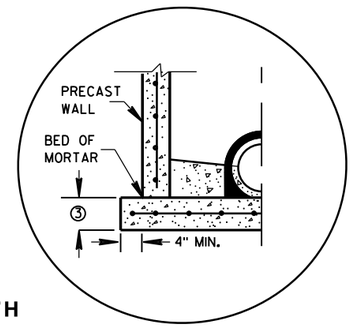


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

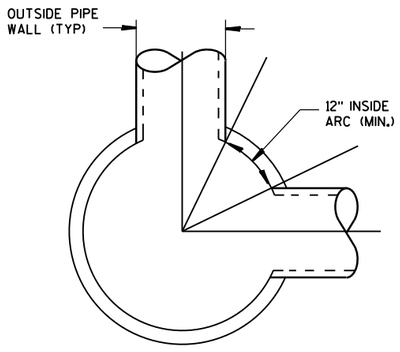


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES. THE CONE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

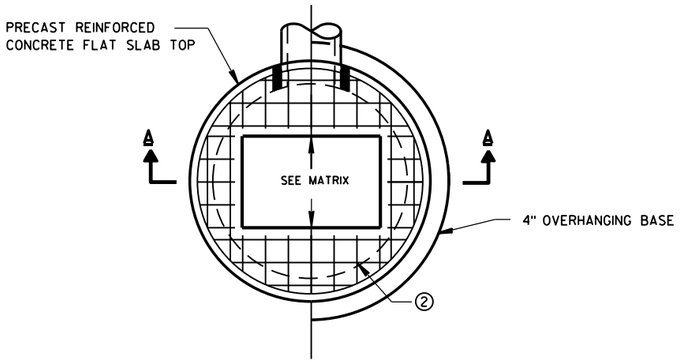
MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

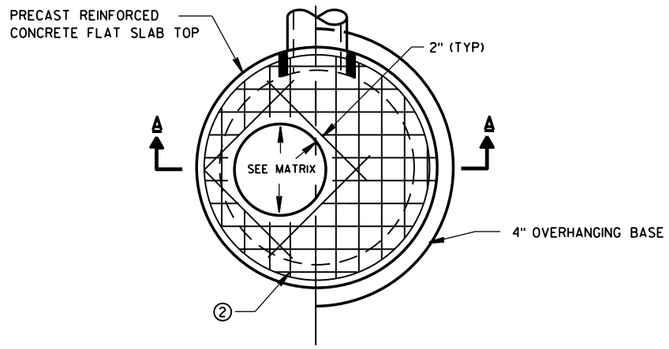
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

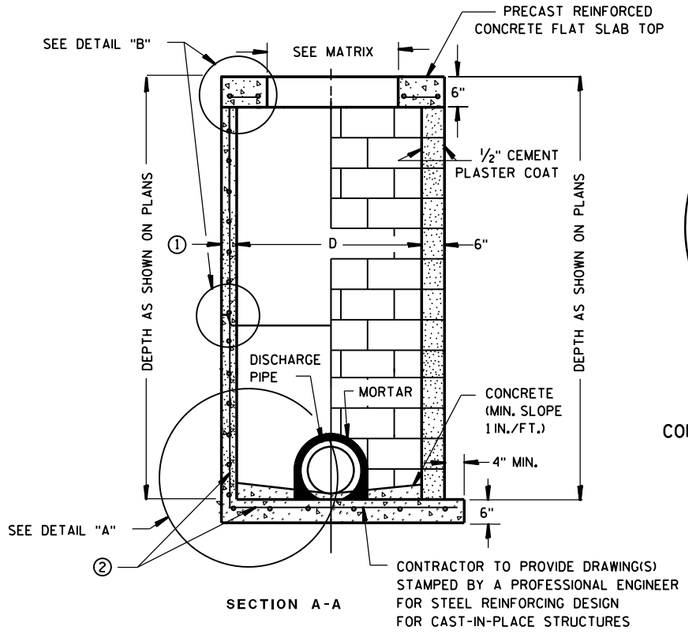
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S.D.D. 8 B 9-1



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

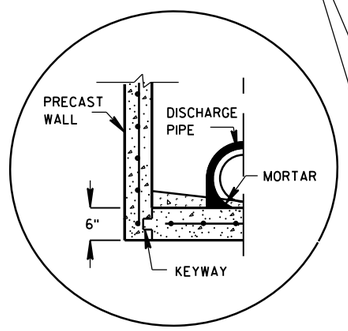


SECTION A-A

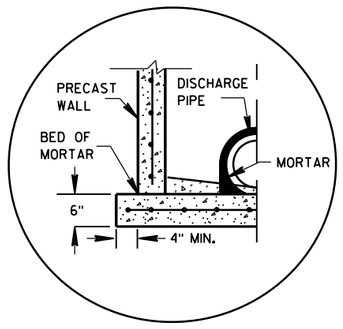
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

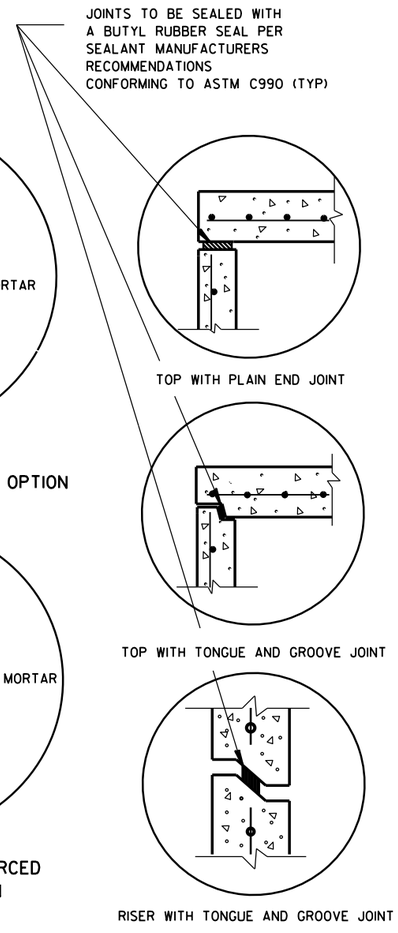


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "B"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

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ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

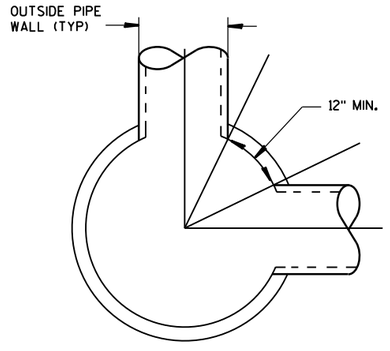
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

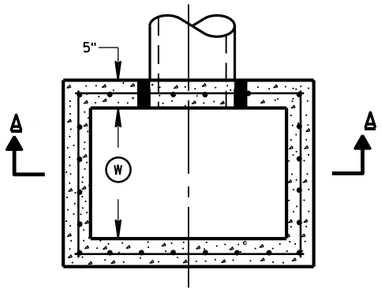
INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

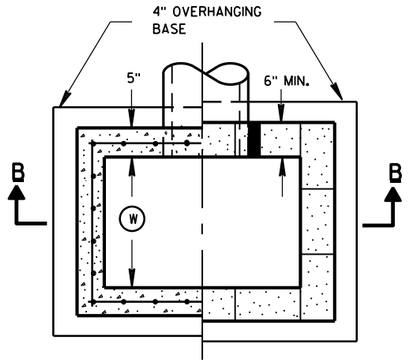
STATE OF WISCONSIN
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APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

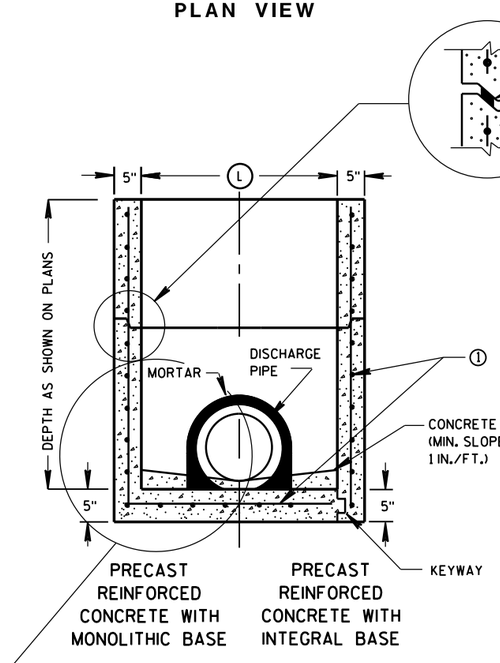
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S.D.D. 8 C 6-1



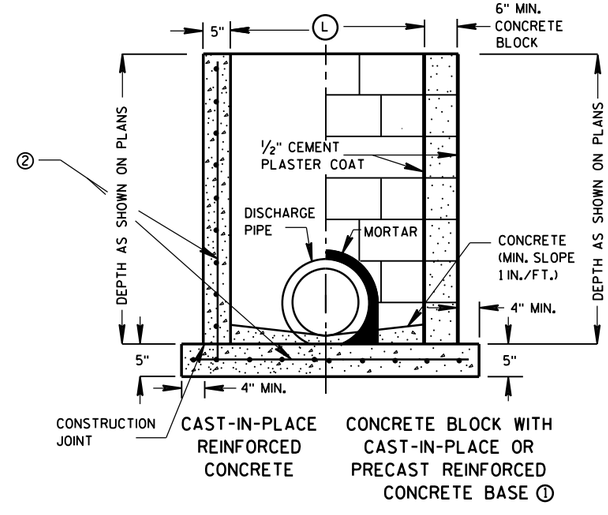
PLAN VIEW



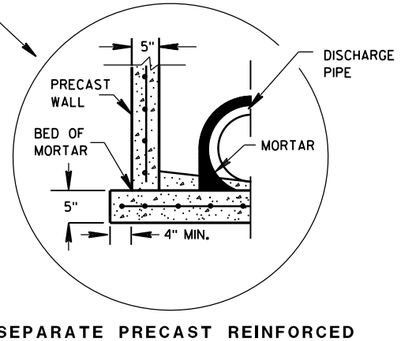
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

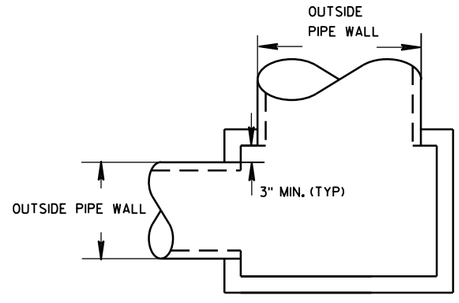
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

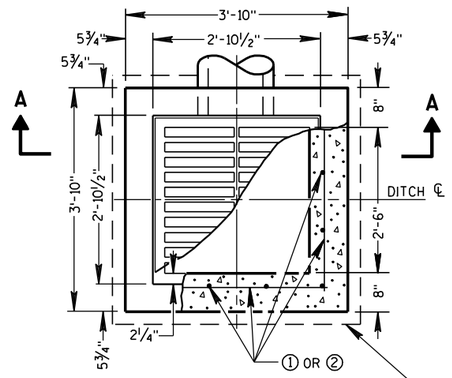
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012
DATE
FHWA

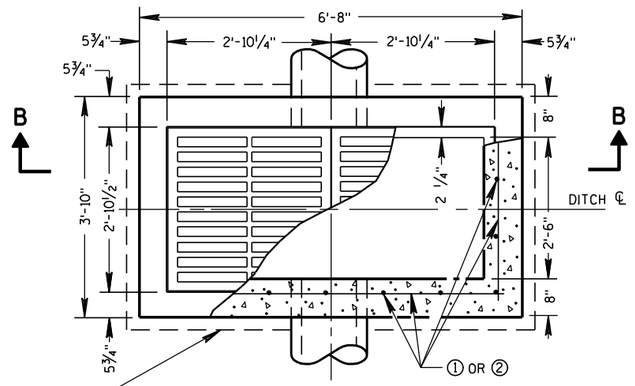
/S/ Jerry H. Zogg
ROADWAY STANDARDS DE
ENGINEER

6
S.D.D. 8 C 7-1

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

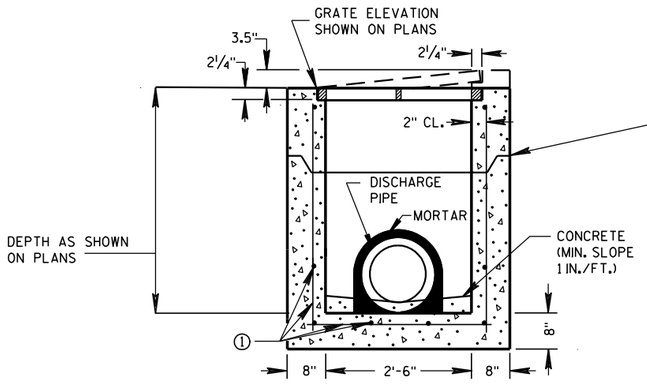


PLAN VIEW

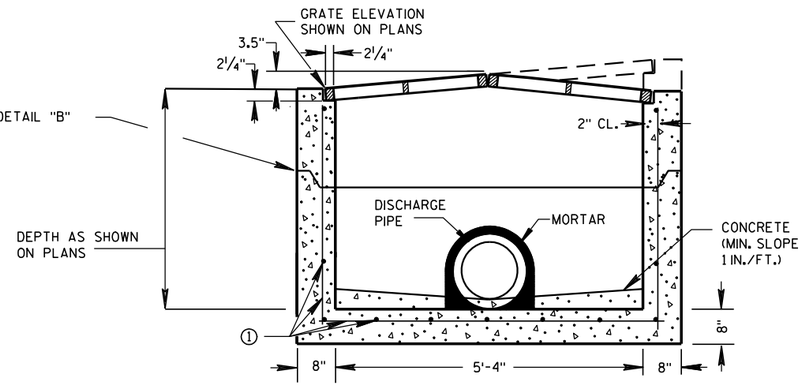


PLAN VIEW

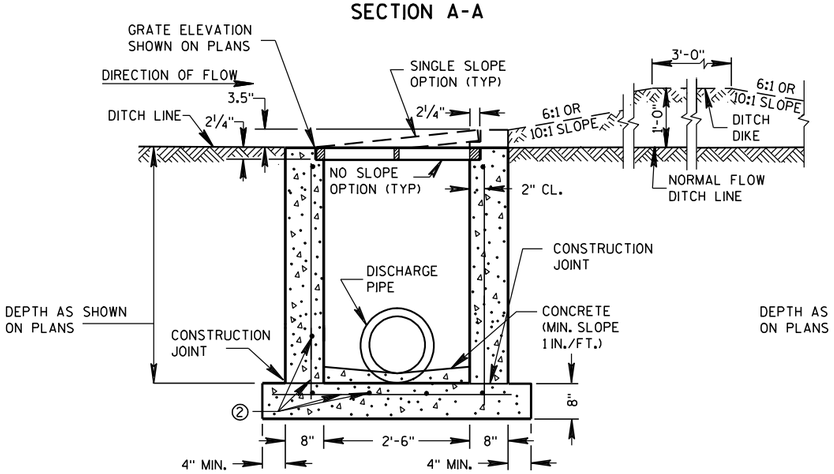
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



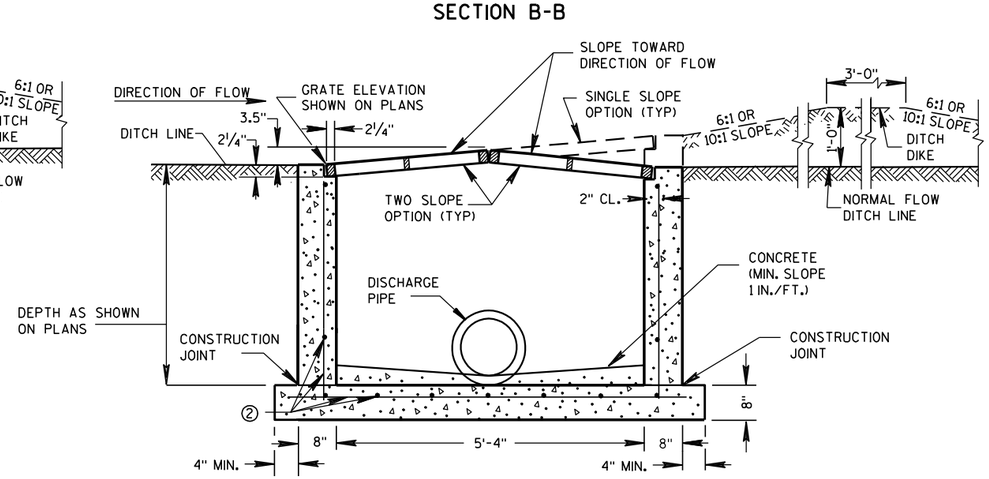
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 1 GRATE

INLETS MEDIAN 2 GRATE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

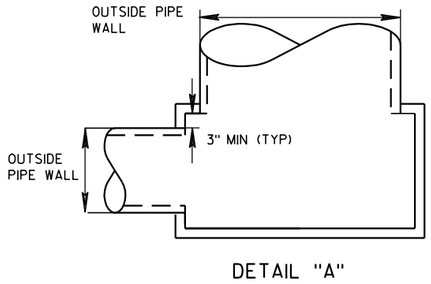
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

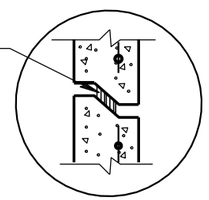
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

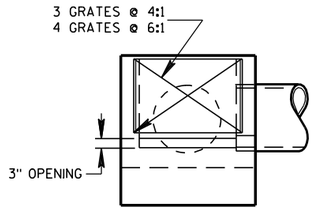
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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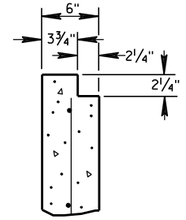
S.D.D. 8 C 8-1

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S.D.D. 8 C 8-1



SECTION B-B



SECTION C-C

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

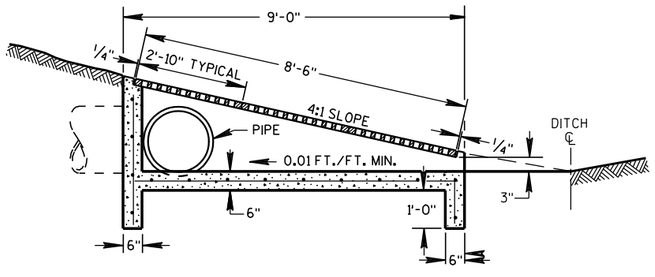
UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

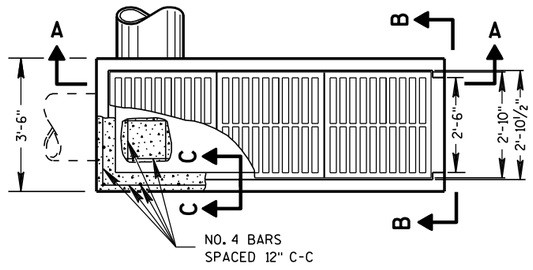
ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 3G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

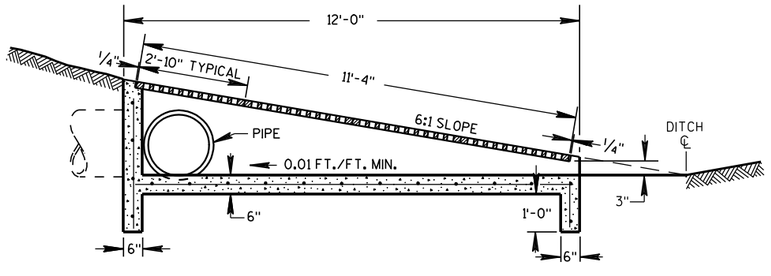


SECTION A-A

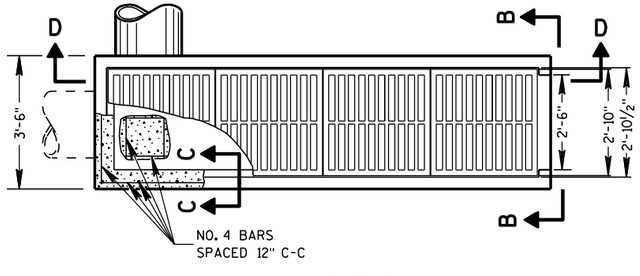


PLAN VIEW

INLETS MEDIAN 3 GRATE



SECTION D-D



PLAN VIEW

INLETS MEDIAN 4 GRATE

INLETS MEDIAN 3 AND 4 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/5/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEV ENGINEER

FHWA

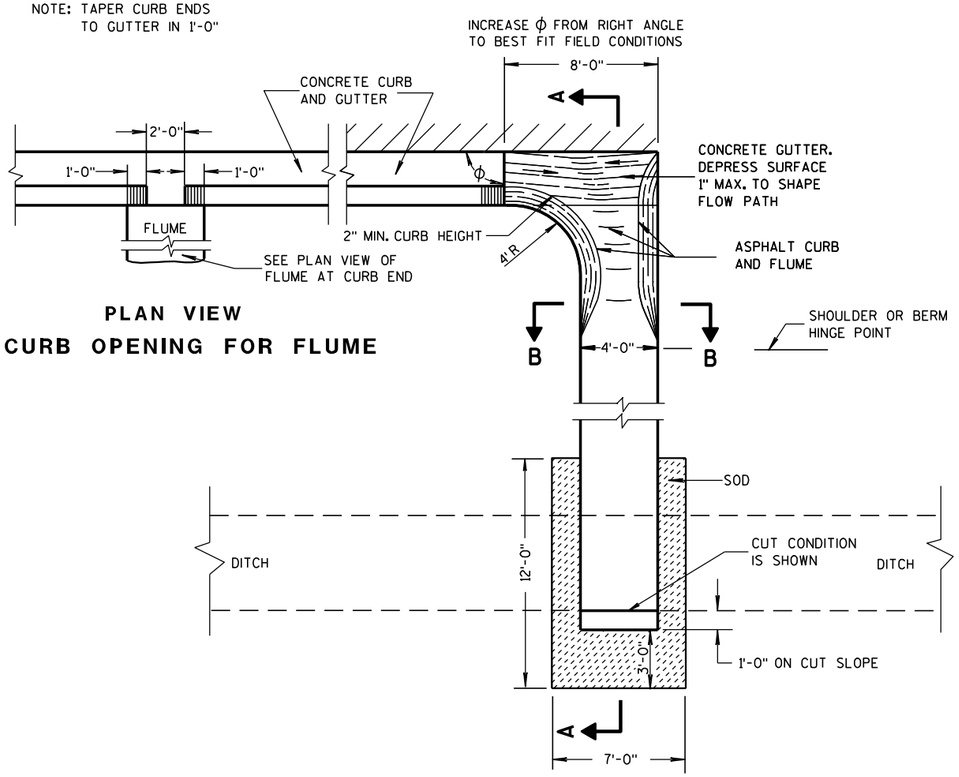
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S.D.D. 8 C 9-1

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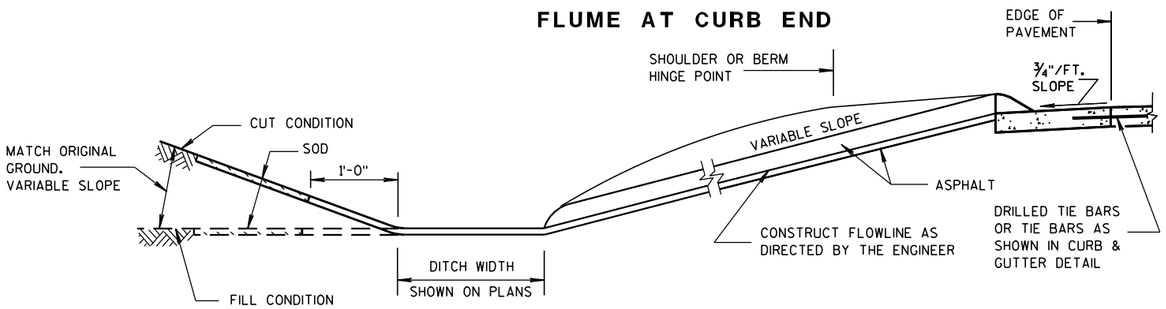
S.D.D. 8 C 9-1

ASPHALTIC FLUME

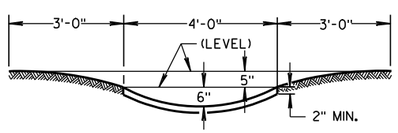


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

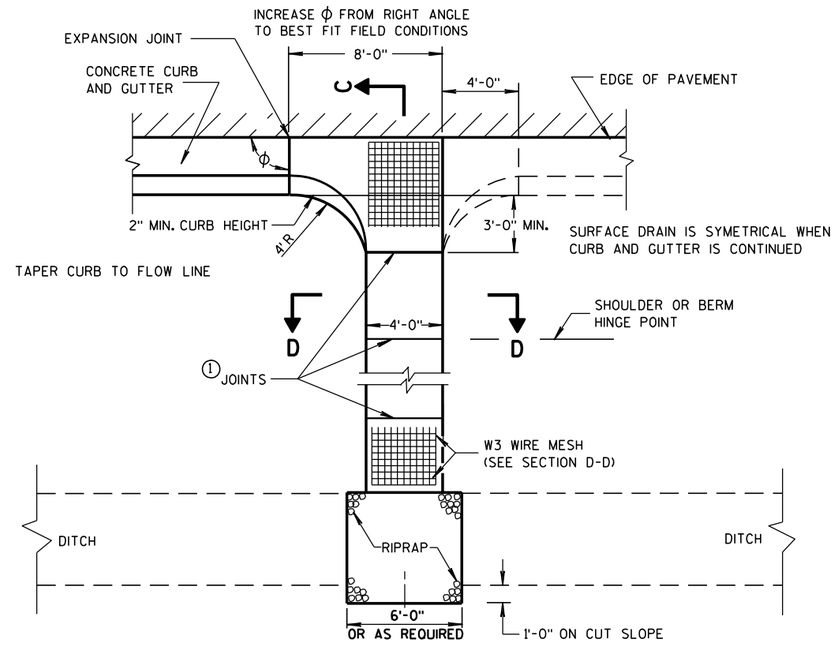
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE ⅛ TO ¼ INCH WIDE BY 1½ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

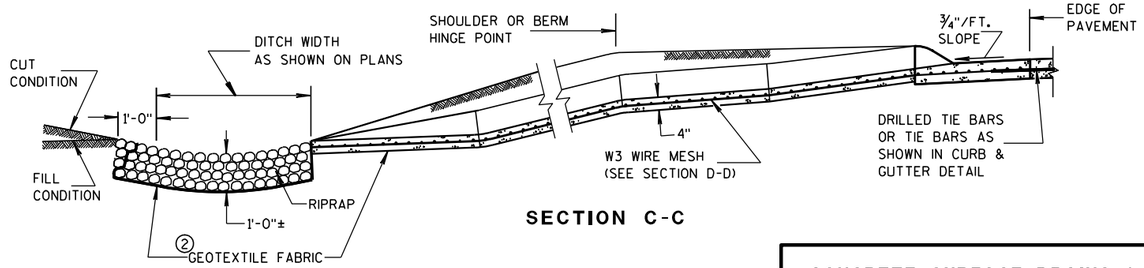
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

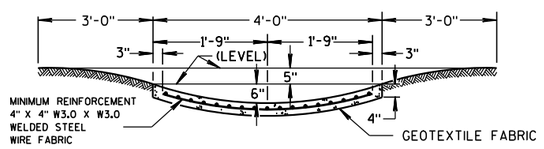
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

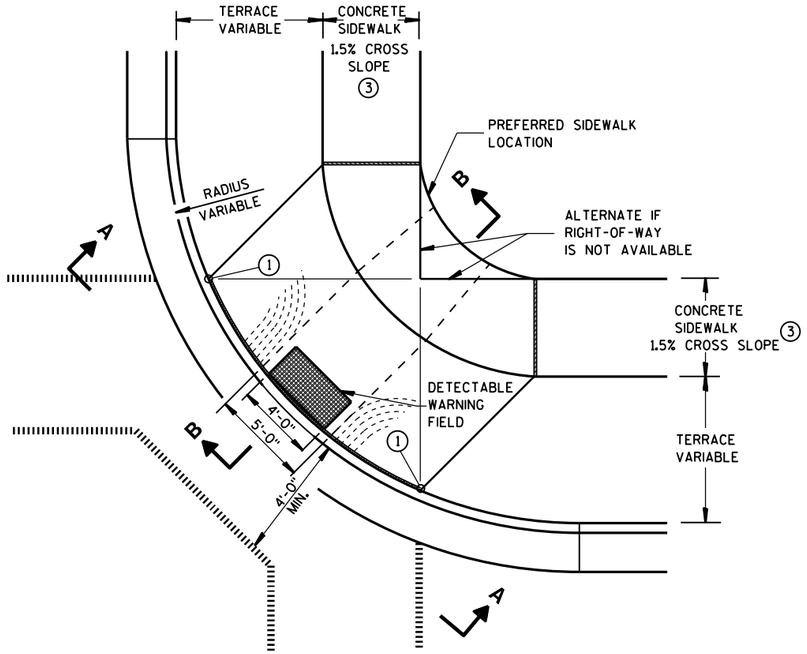
APPROVED
9-4-08 DATE
/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER
MENT
FHWA

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S.D.D. 8 D 4-5

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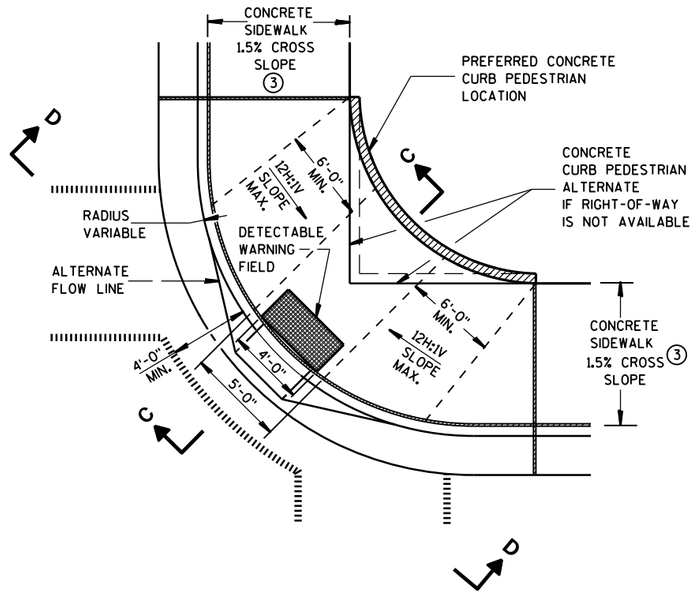
S.D.D. 8 D 4-5



PLAN VIEW

TYPE 1 RAMP

(CENTER OF CORNER RADIUS)



PLAN VIEW

TYPE 1-A RAMP

(NO TERRACE)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

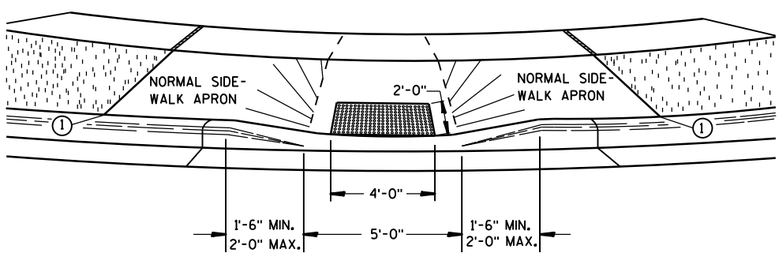
① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

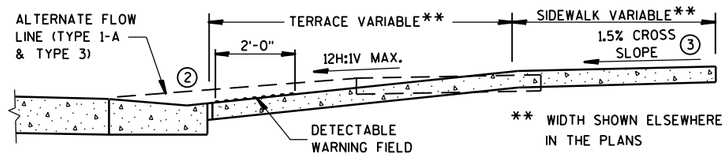
③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

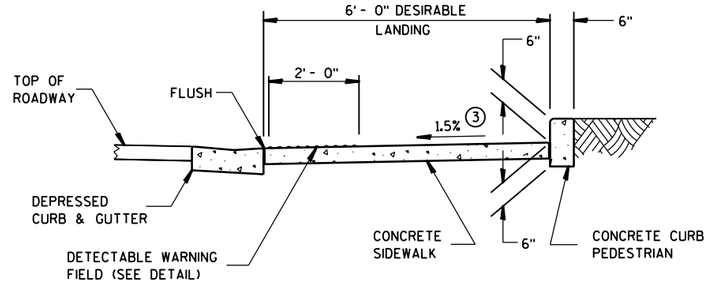
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



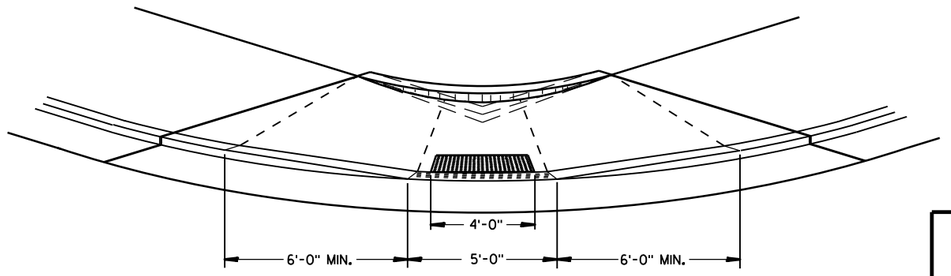
VIEW A-A



SECTION B-B



SECTION C-C



VIEW D-D

CURB RAMPS TYPES 1 AND 1-A

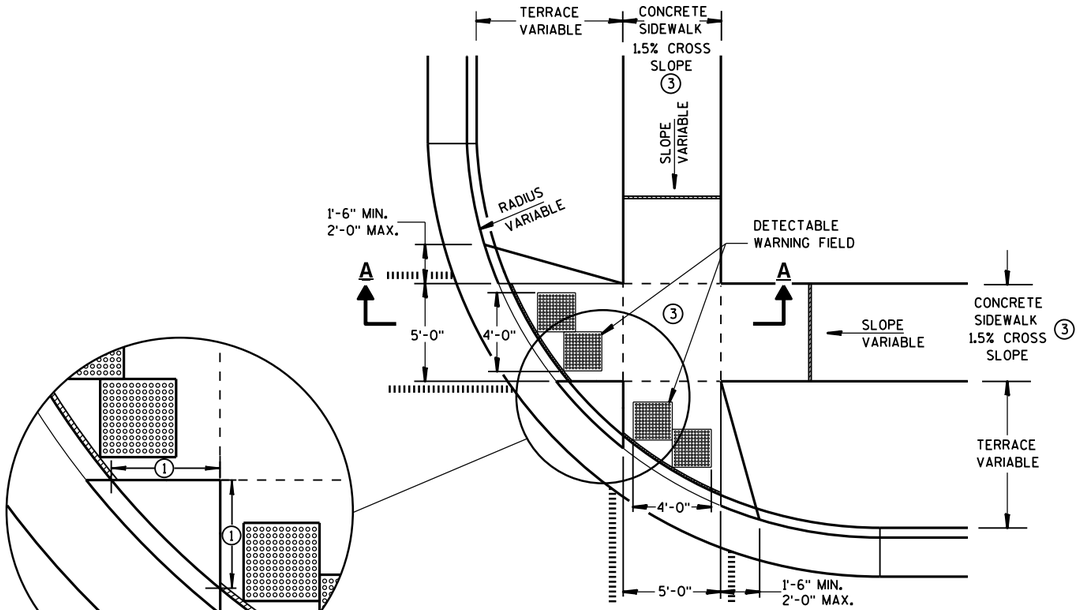
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 430

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S.D.D. 8 D 5-15a

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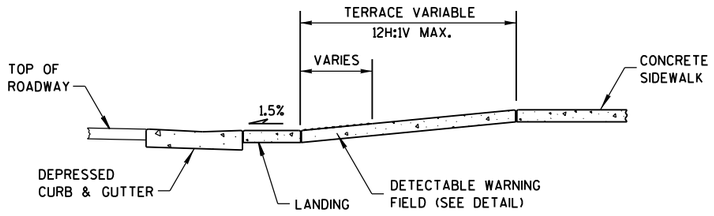
S.D.D. 8 D 5-15a



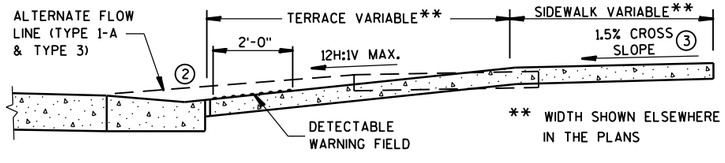
PLAN VIEW

TYPE 2 RAMP

(ON LINE WITH SIDEWALK)



SECTION A-A



SECTION B-B

GENERAL NOTES

USE THE TYPE 3 RAMP ONLY WHEN A TYPE 1 OR TYPE 2 CANNOT BE ACHIEVED BECAUSE OF FIELD CONDITIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

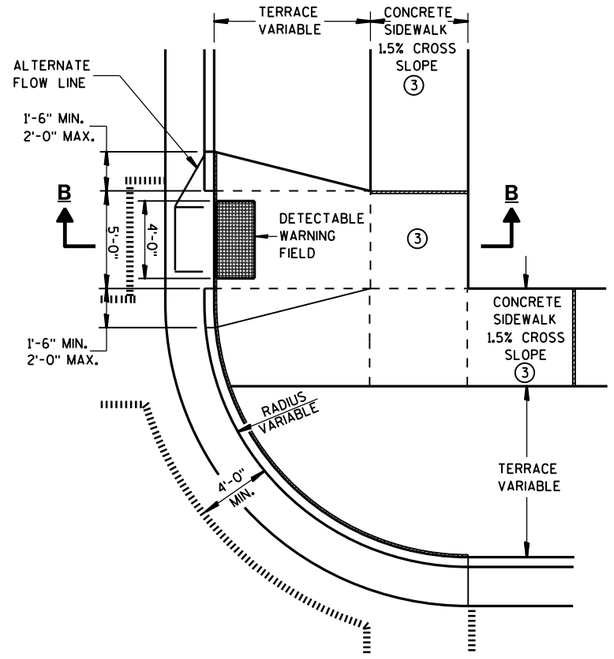
① WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

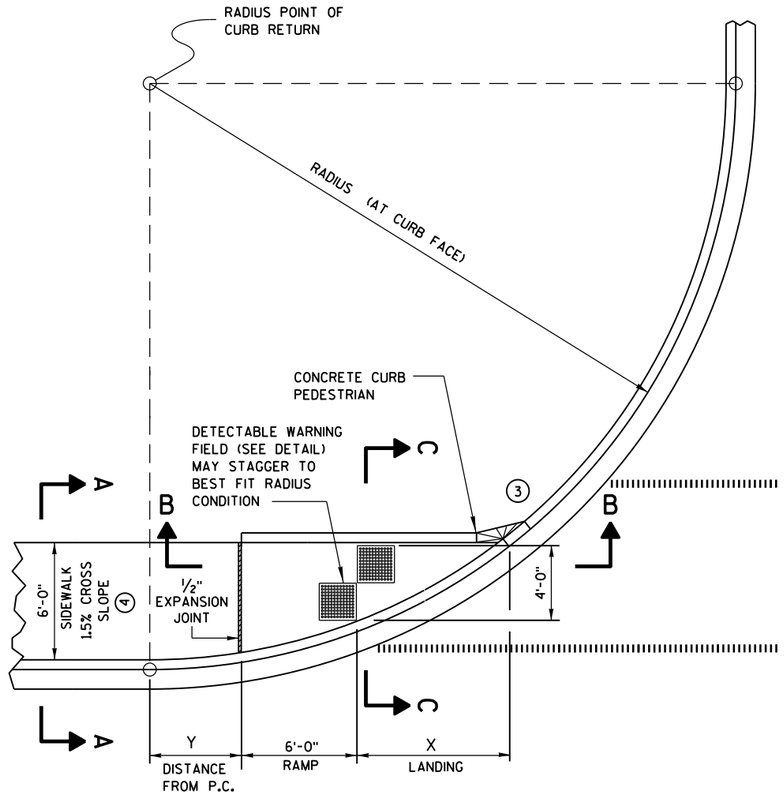
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

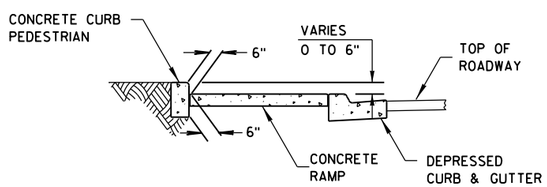
S.D.D. 8 D 5-15b

6

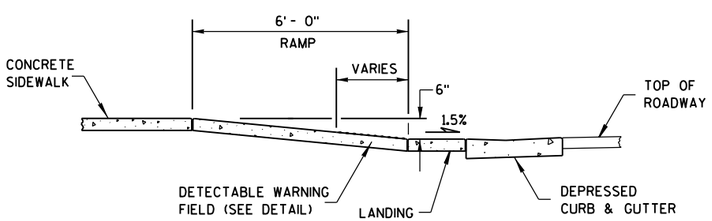
S.D.D. 8 D 5-15b



CURB RAMP TYPE 4A
PLAN VIEW



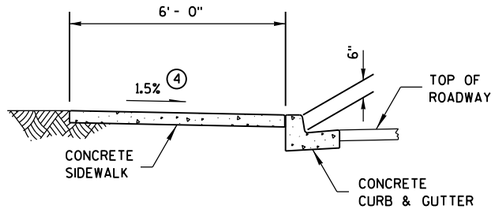
SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A

RADIUS (AT CURB FACE)	X	Y
20 FEET	6'-1¾"	2'-7¼"
30 FEET	7'-11¾"	4'-8¼"
40 FEET	9'-5¼"	6'-5"
50 FEET	10'-8¾"	7'-11¼"
60 FEET	11'-10¼"	9'-3½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

GENERAL NOTES

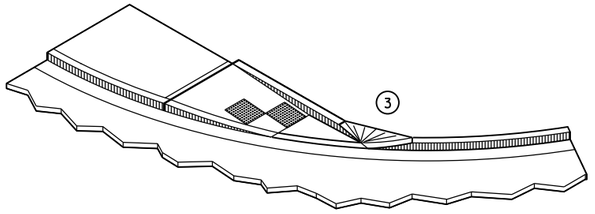
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

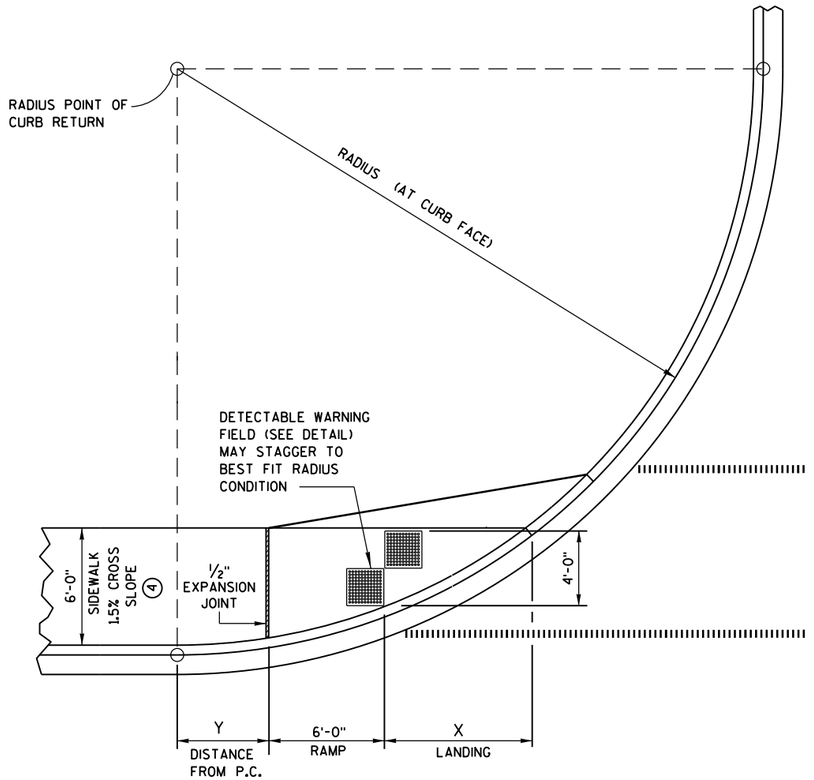
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(3) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

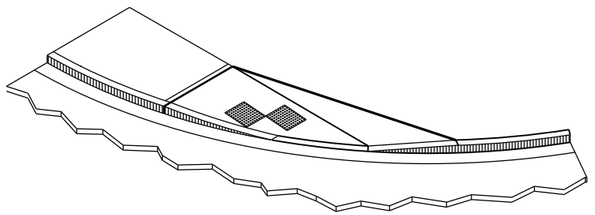
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



ISOMETRIC VIEW FOR TYPE 4A



CURB RAMP TYPE 4A1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

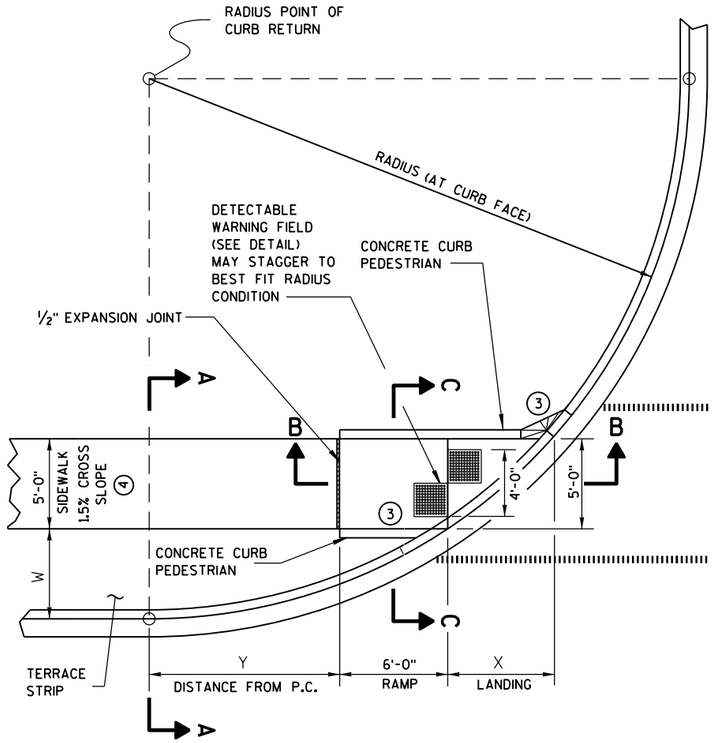
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

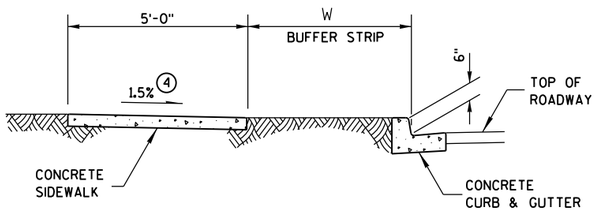
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

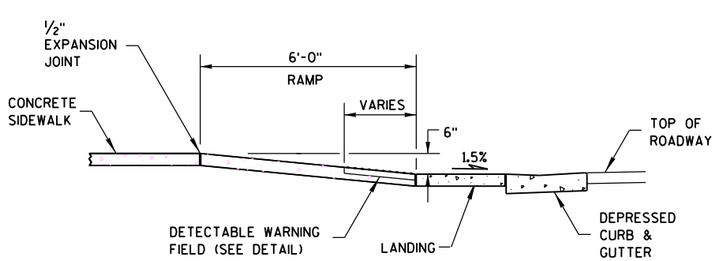
S.D.D. 8 D 5-15c



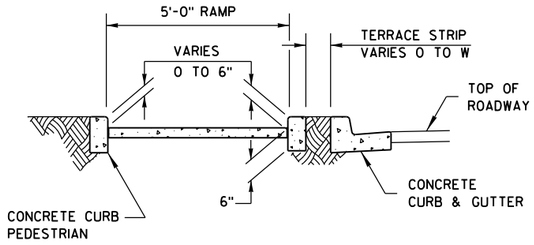
CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



SECTION B-B FOR TYPE 4B



SECTION C-C FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-5½"	4'-6½"	4'-8½"	6'-0"	4'-1"	7'-2¾"	3'-7"	8'-3½"	3'-1½"	9'-2½"
30 FEET	7'-3¾"	7'-1"	6'-5½"	8'-11½"	5'-9¼"	10'-7"	5'-2½"	12'-0"	4'-8¾"	13'-3¼"
40 FEET	8'-9½"	9'-2½"	7'-10"	11'-5¼"	7'-1"	13'-4½"	6'-5¾"	15'-¾"	5'-11½"	16'-7¼"
50 FEET	10'-¾"	11'-¾"	9'-¼"	13'-7¼"	8'-2½"	15'-9½"	7'-6½"	17'-9"	6'-11¾"	19'-6¼"
60 FEET	11'-2½"	12'-8¾"	10'-¾"	15'-6½"	9'-2¼"	17'-11¾"	8'-5¾"	20'-1¾"	7'-10½"	22'-1½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

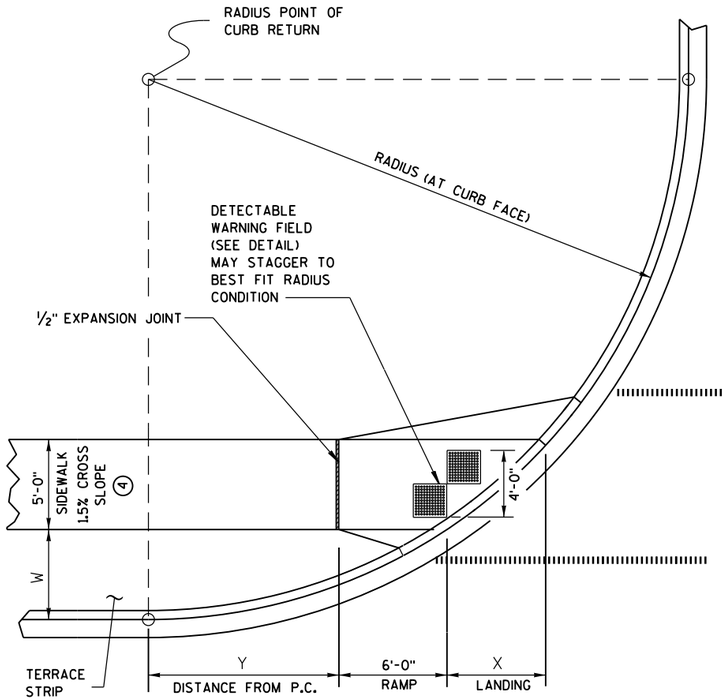
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

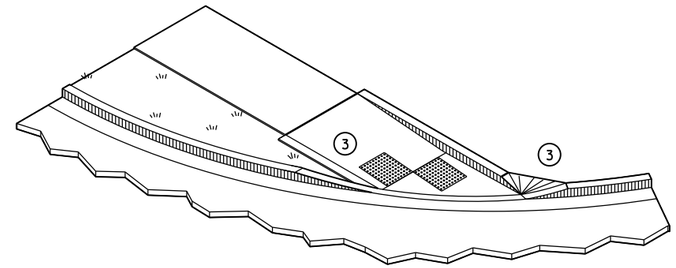
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(3) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

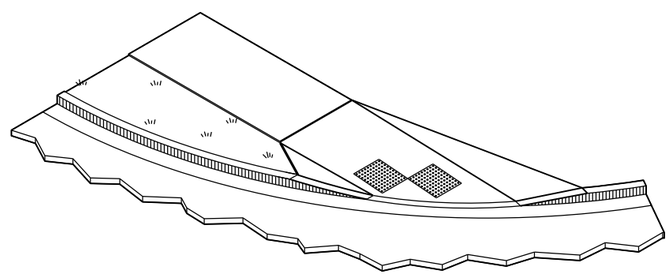
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



CURB RAMP TYPE 4B1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4B



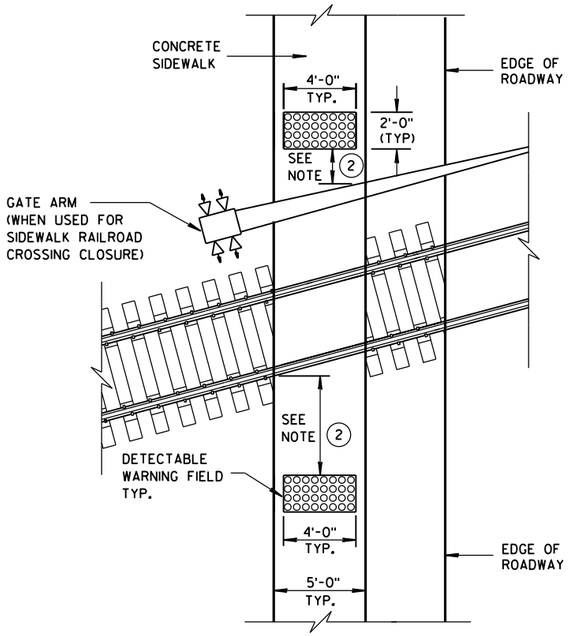
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

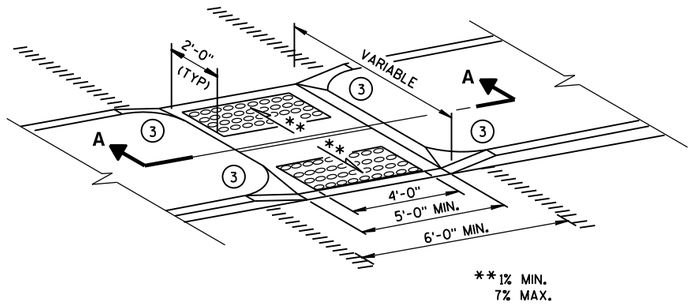
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 5-15d
S.D.D. 8 D 5-15d



TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



MEDIAN ISLAND
NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

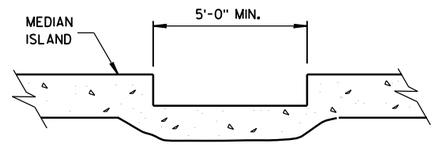
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(1) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

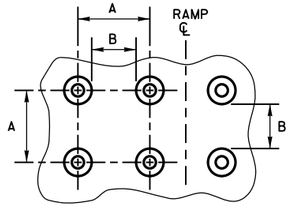
(2) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

(3) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



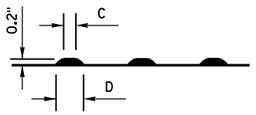
SECTION A-A



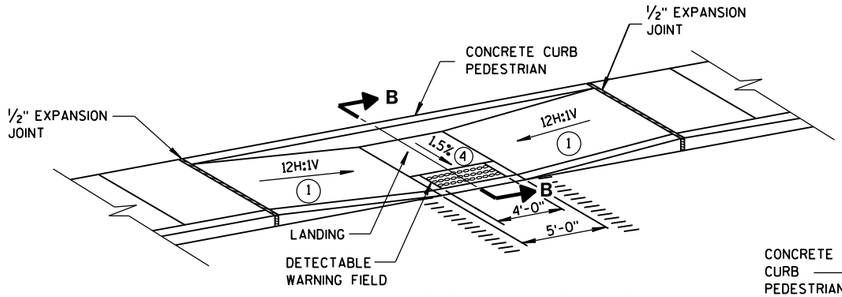
PLAN VIEW

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

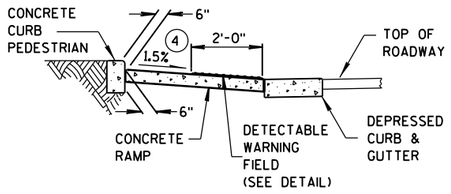
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



ELEVATION VIEW

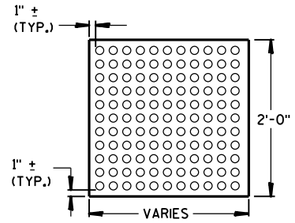


MID-BLOCK CROSSING
TYPE 7A



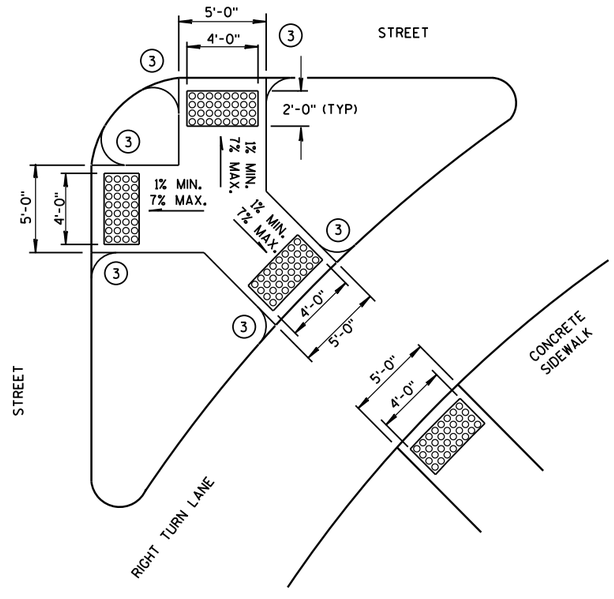
SECTION B-B

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

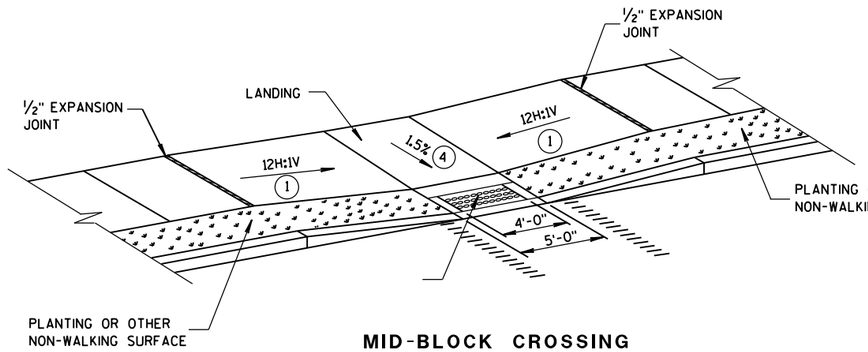


PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

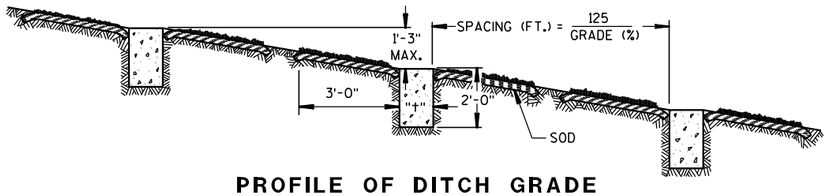
APPROVED
2-6-2013 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS [illegible] ENGINEER
FHWA

6

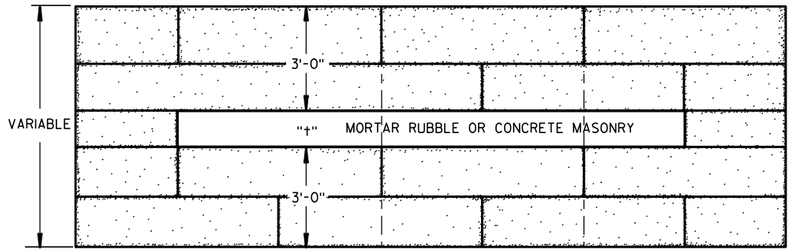
S.D.D. 8 D 5-15e

6

S.D.D. 8 D 5-15e

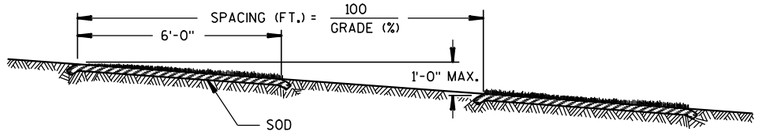


PROFILE OF DITCH GRADE

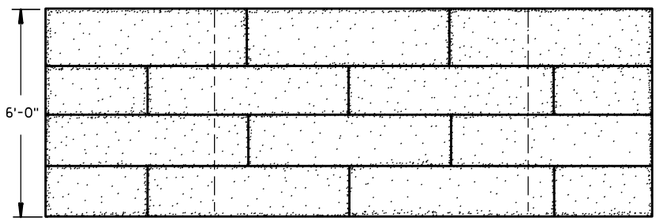


PLAN VIEW SHOWING MASONRY AND SOD

"+" - MASONRY THICKNESS SHALL BE 0'-9" FOR CONCRETE AND 1'-0" FOR MORTAR RUBBLE.



PROFILE OF DITCH GRADE



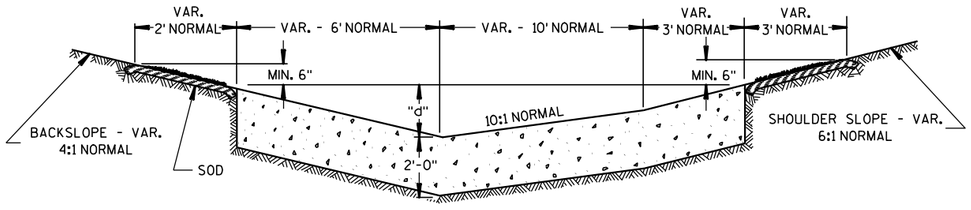
PLAN VIEW SHOWING SOD

GENERAL NOTES

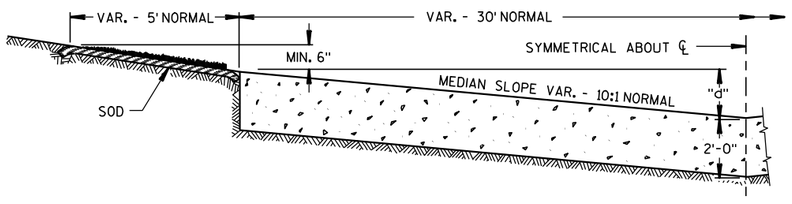
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALTERNATE DESIGNS FOR DITCH CHECKS, OF THE MATERIAL OR COMBINATION OF MATERIALS SHOWN HEREON, MAY BE USED UPON WRITTEN PERMISSION OF THE ENGINEER.

SOD STRIPS FOR DITCH CHECKS MAY BE PLACED EITHER TRANSVERSELY OR LONGITUDINALLY TO THE DIRECTION OF WATER FLOW.



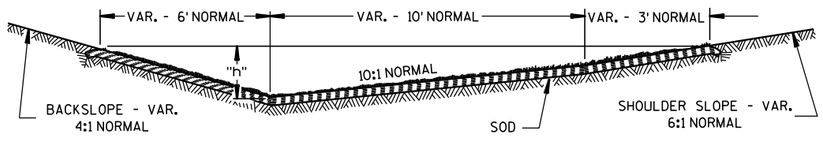
SIDE DITCH CROSS SECTION



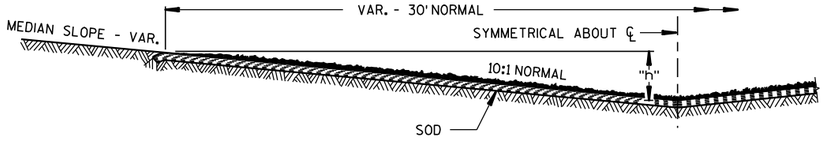
MEDIAN DITCH CROSS SECTION

"d" - THE MINIMUM DEPTH OF THE MASONRY PORTION OF THE DITCH CHECKS SHALL BE EQUAL TO THE MAXIMUM DEPTH OF FLOW. THE NORMAL "d" WILL BE 1'-6".

MASONRY AND SOD DITCH CHECKS



SIDE DITCH CROSS SECTION



MEDIAN DITCH CROSS SECTION

"h" - THE MINIMUM HEIGHT OF DITCH TO BE SODDED SHALL BE EQUAL TO THE MAXIMUM DEPTH OF FLOW PLUS 6". THE NORMAL "h" WILL BE 1'-6".

SOD DITCH CHECKS

SOD OR MASONRY AND SOD DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

9/7/71 — DATE

/S/ L.C. Harris — ACTING CHIEF DESIG

435 R

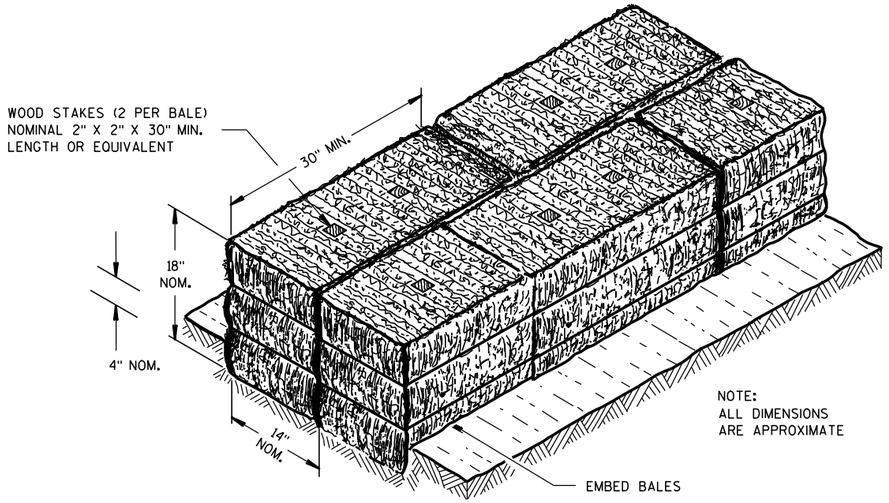
FHWA

6

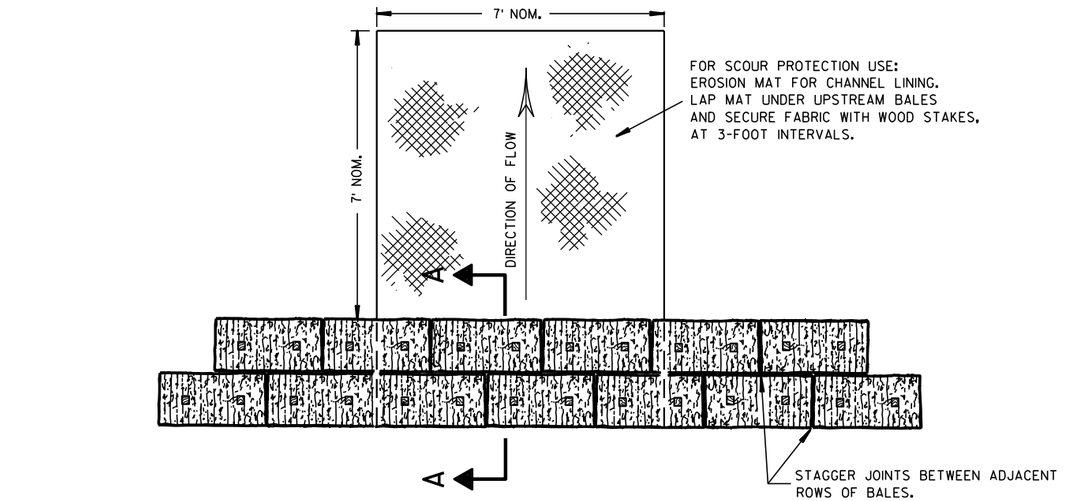
S.D.D. 8 E 4-2

6

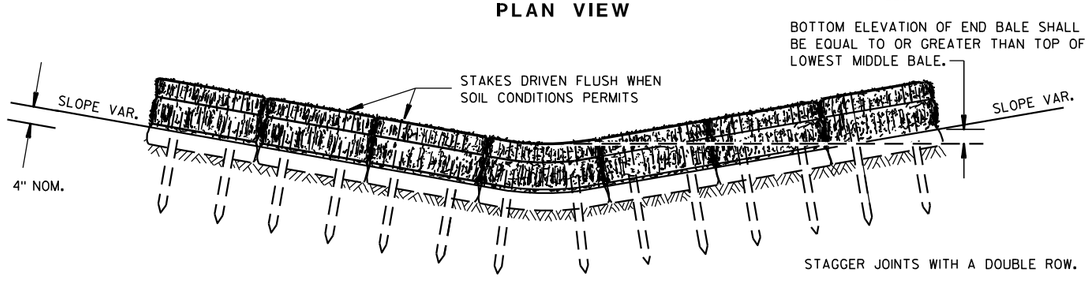
S.D.D. 8 E 4-2



SECTION A-A



PLAN VIEW



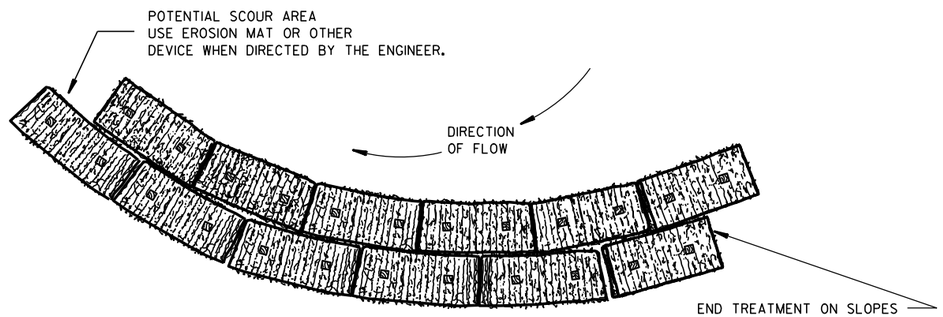
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

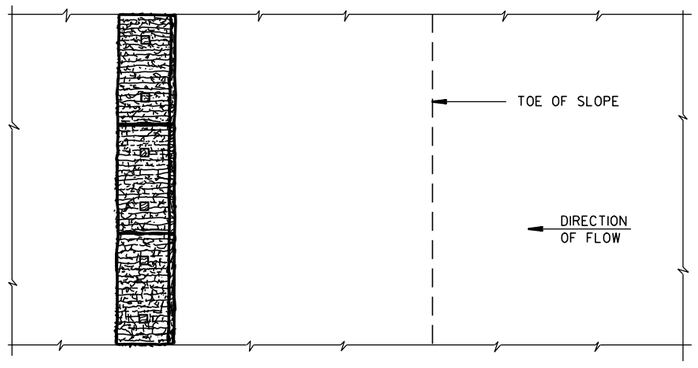
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

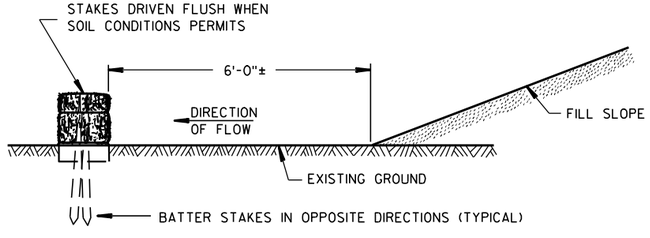


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

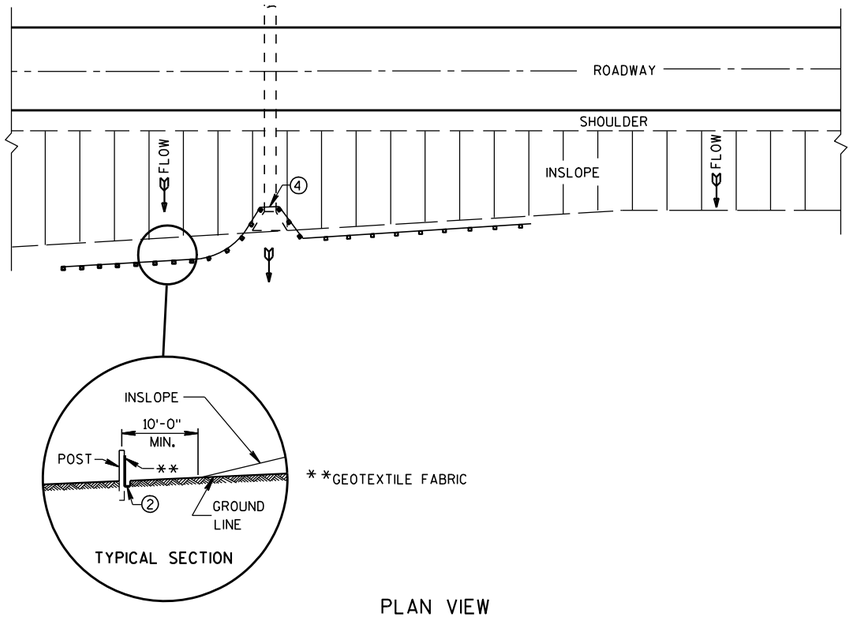
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

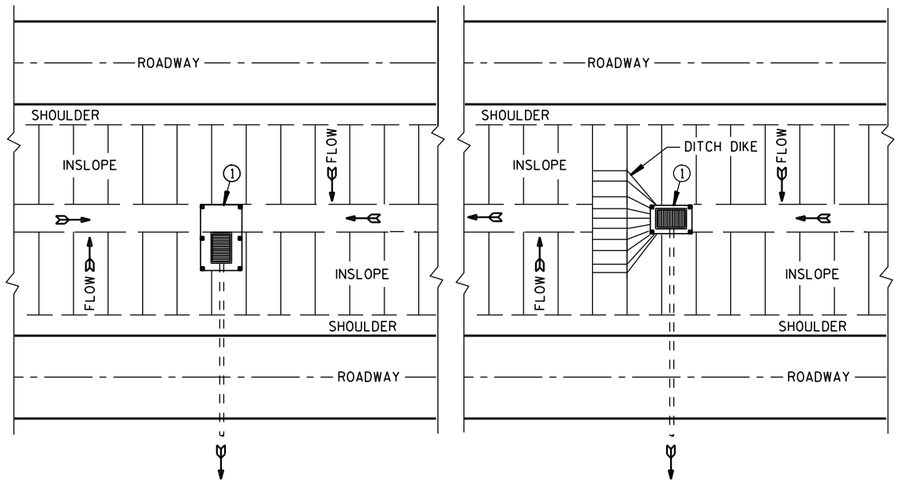
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



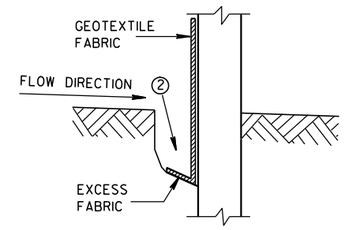
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

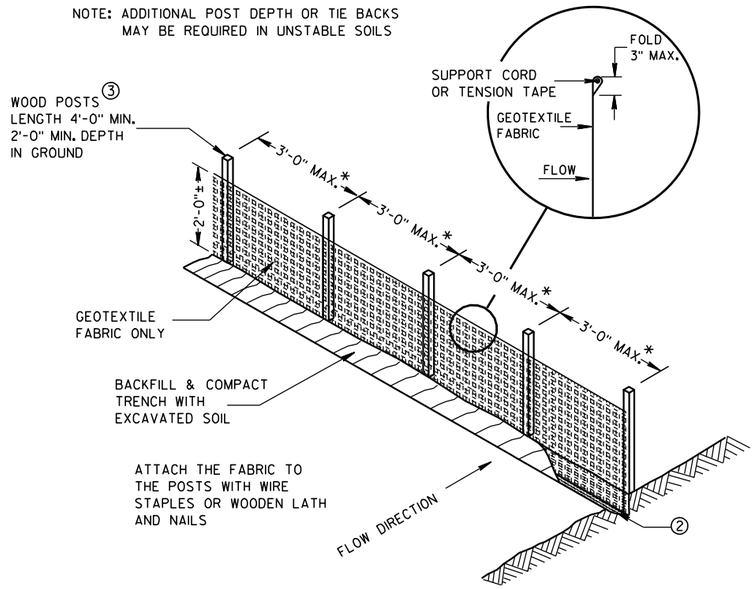
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

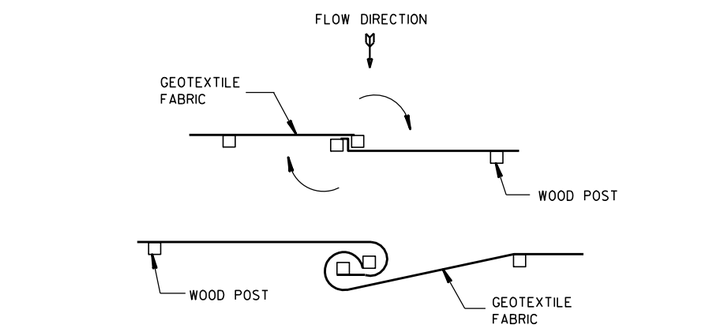
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



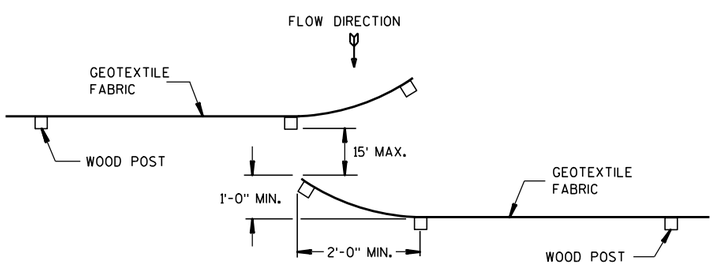
TRENCH DETAIL



SILT FENCE

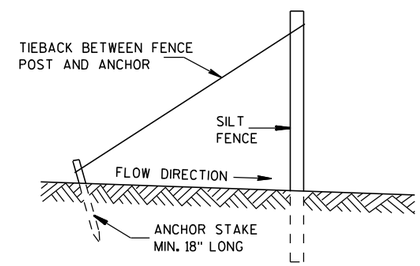


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

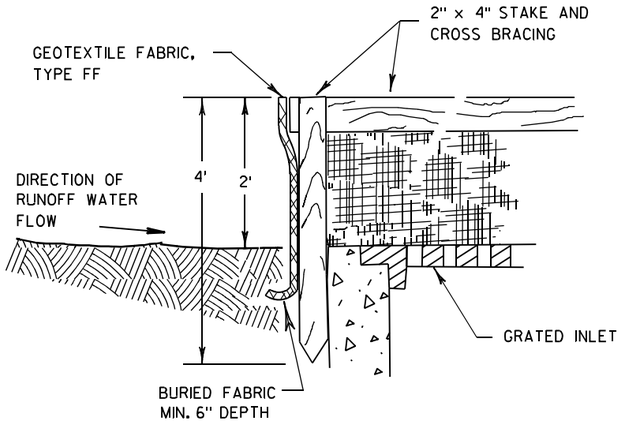
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

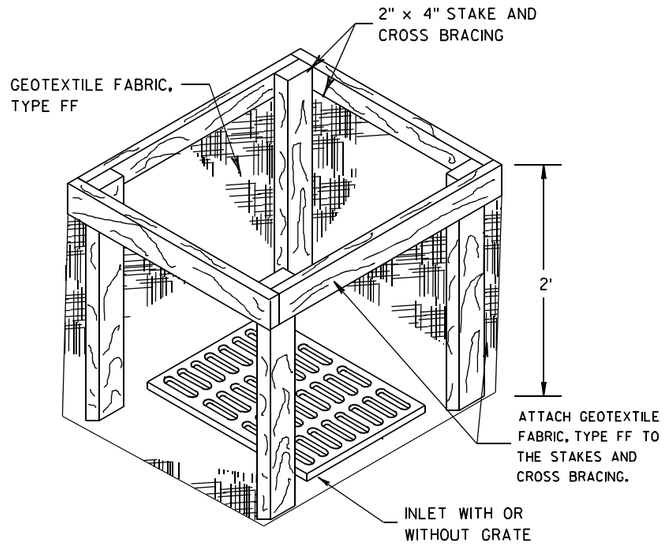
6

S.D.D. 8 E 9-6

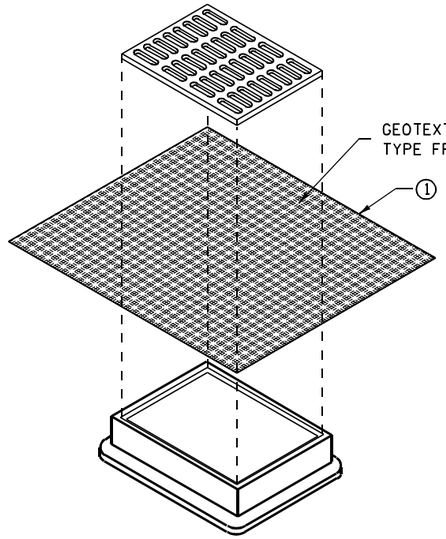
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S.D.D. 8 E 9-6



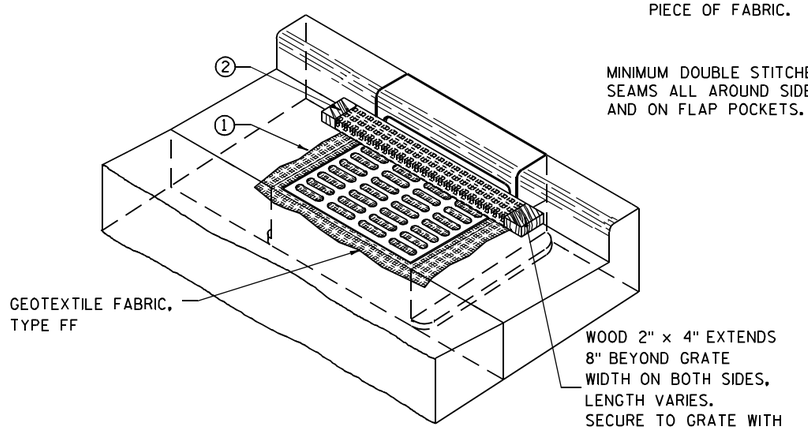


INLET PROTECTION, TYPE A

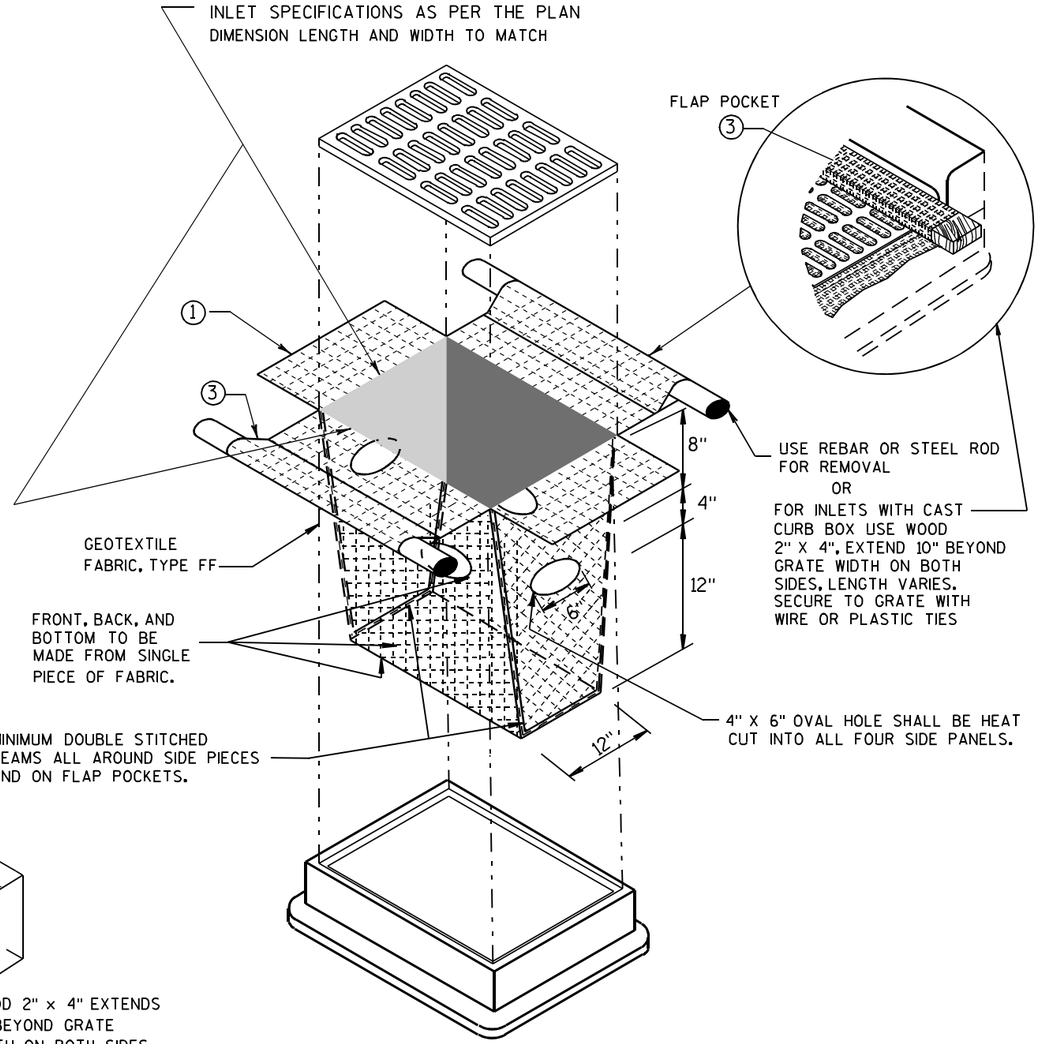


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 8 E 10-2

METAL APRON ENDWALLS

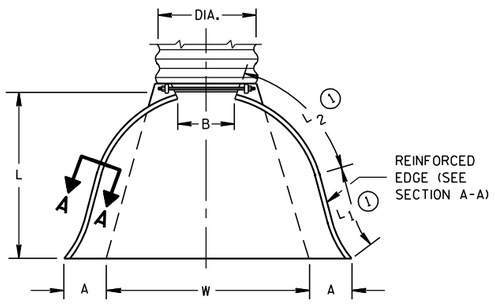
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

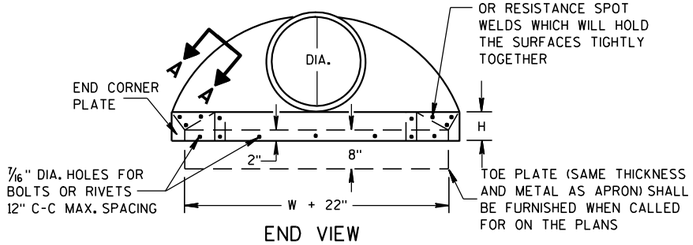
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

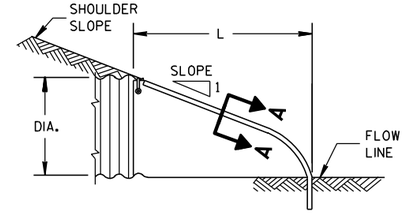
*MINIMUM
**MAXIMUM



PLAN VIEW

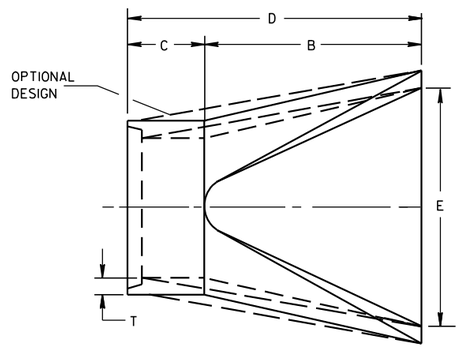


END VIEW

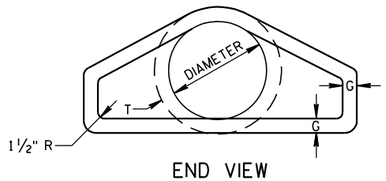


SIDE ELEVATION

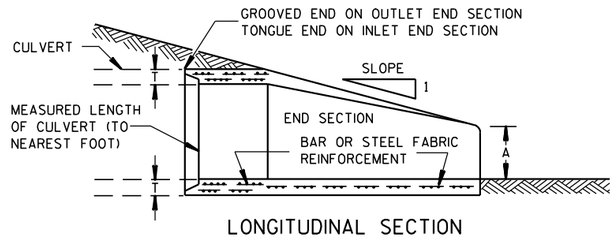
METAL ENDWALLS



PLAN

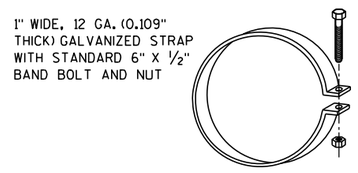


END VIEW



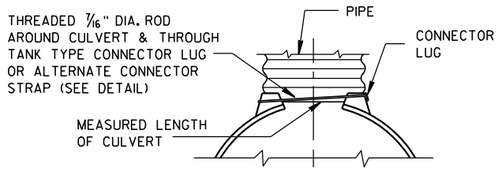
LONGITUDINAL SECTION

CONCRETE ENDWALLS

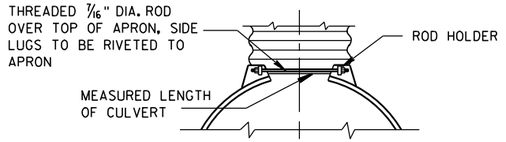


ALTERNATE FOR TYPE 1 CONNECTION

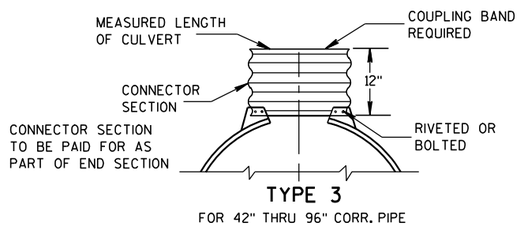
END SECTION CONNECTOR STRAP



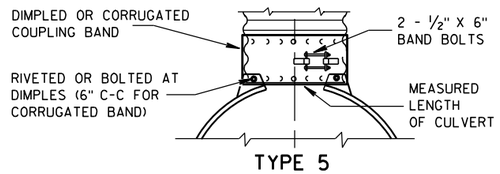
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

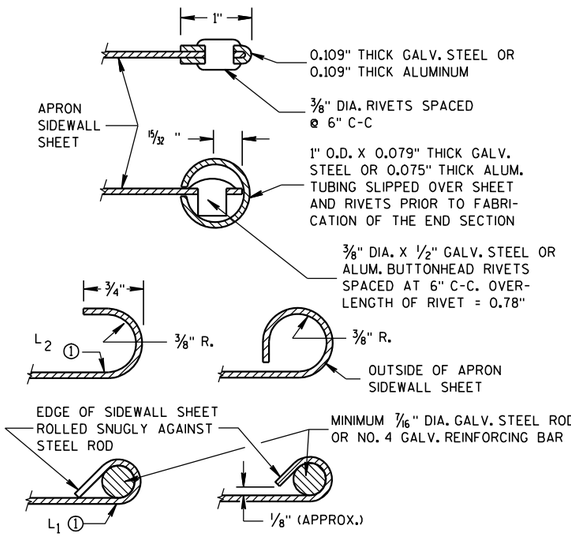
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

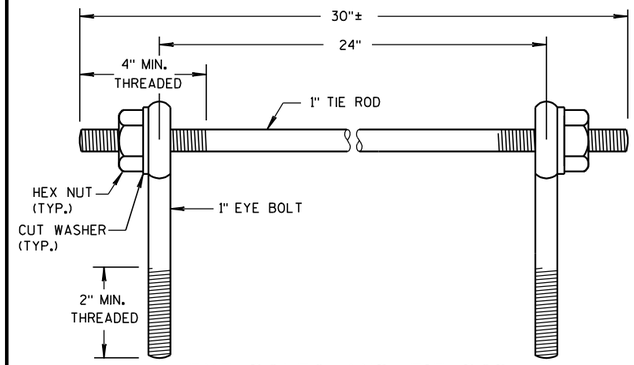
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

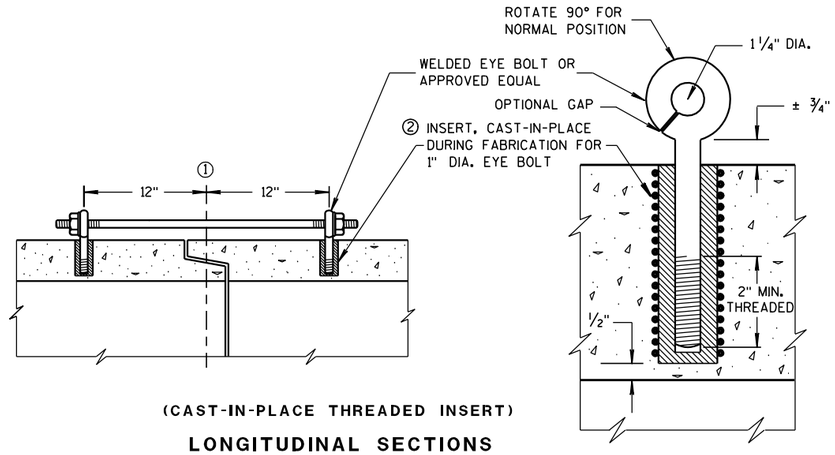
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

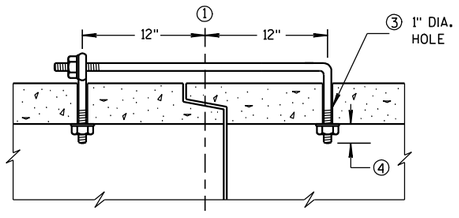
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

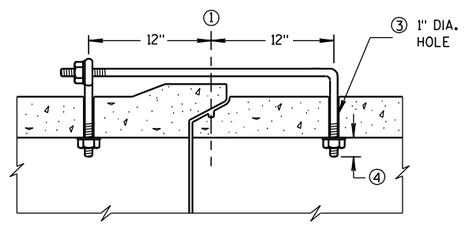
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

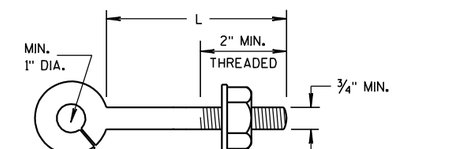


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

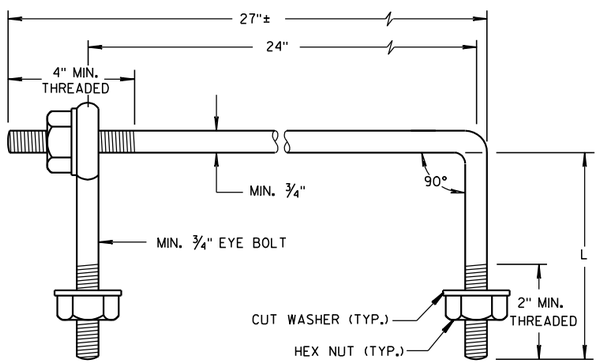
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

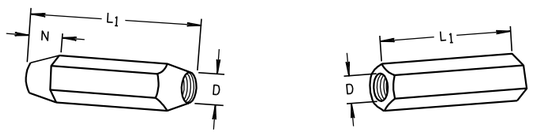
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

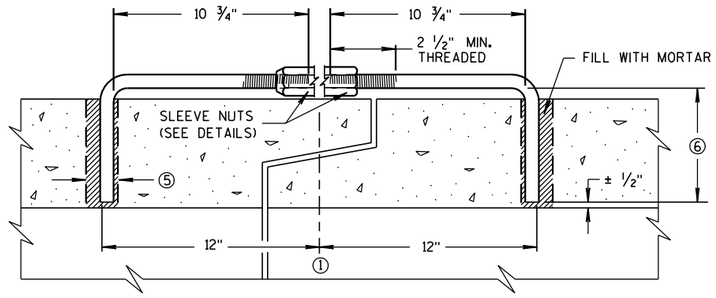
DIMENSIONS SHOWN ARE IN INCHES



TAPERED PLAIN

RIGHT AND LEFT THREADS

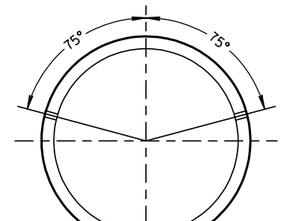
SLEEVE NUTS



LONGITUDINAL SECTION

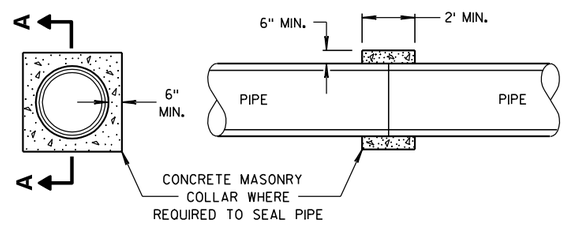
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

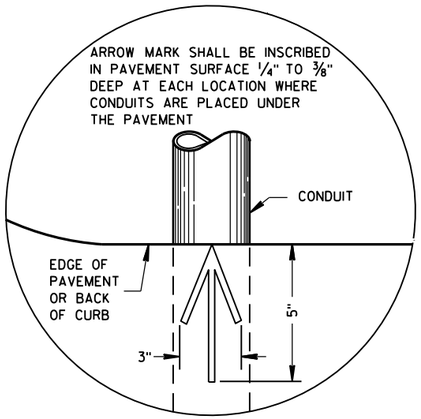
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
440 — DEVELOPMENT
FHWA

6

S.D.D. 8 F 4-7

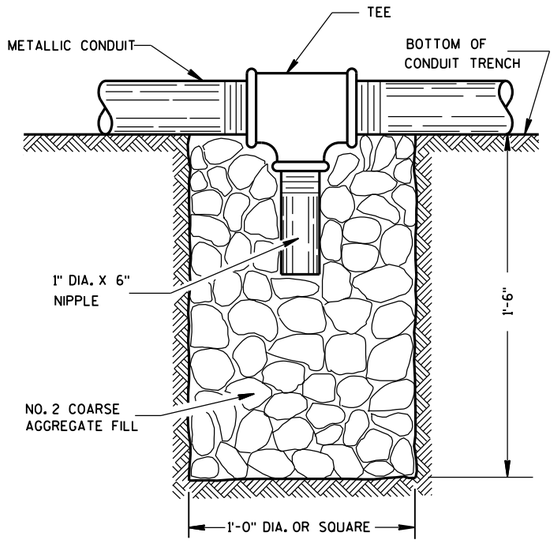
6

S.D.D. 8 F 4-7



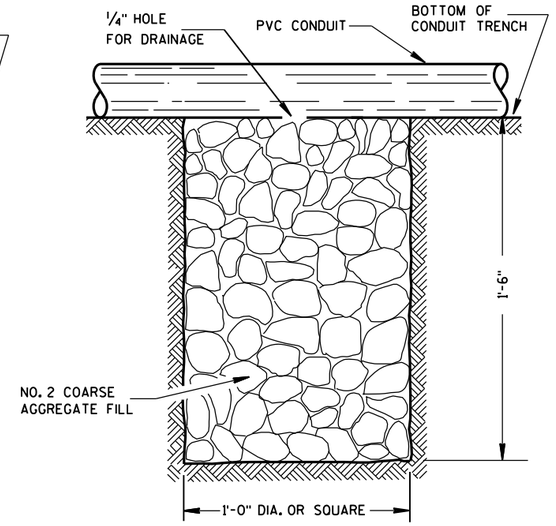
PLAN VIEW

ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

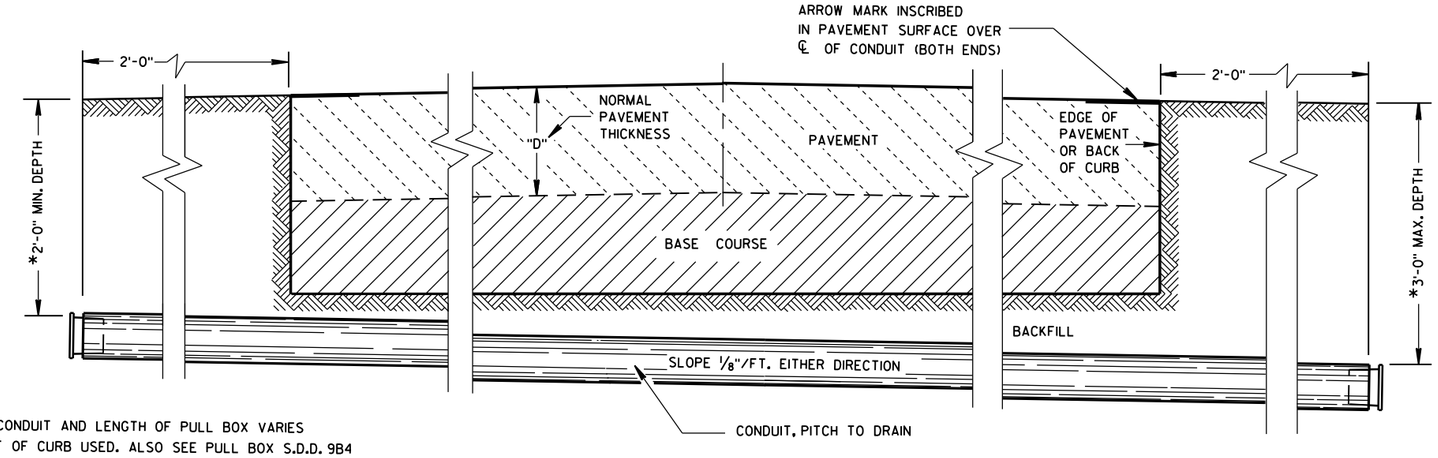
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

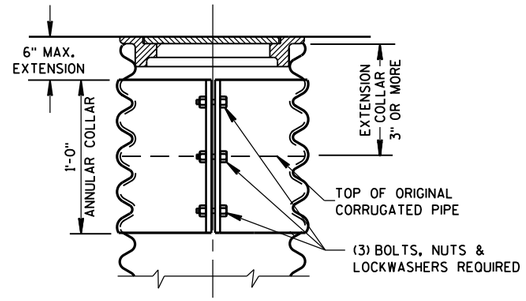
S.D.D. 9 B 2-9

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

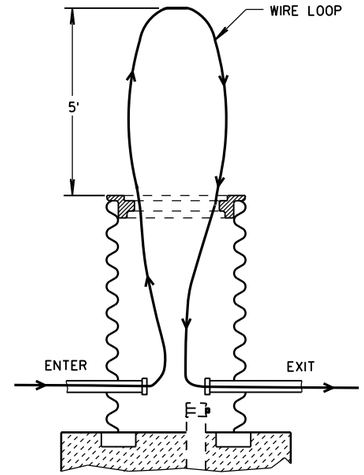
DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	E	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	26 1/2	26 1/2	26 1/2
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 1/2	23 1/2	23 1/2
WEIGHT IN POUNDS *										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

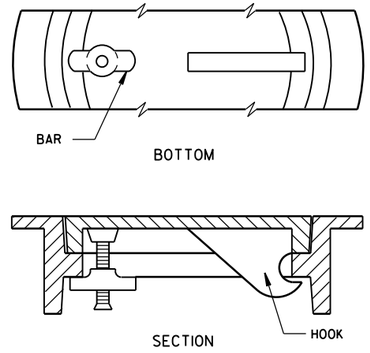
** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.



CORRUGATED PIPE EXTENDER

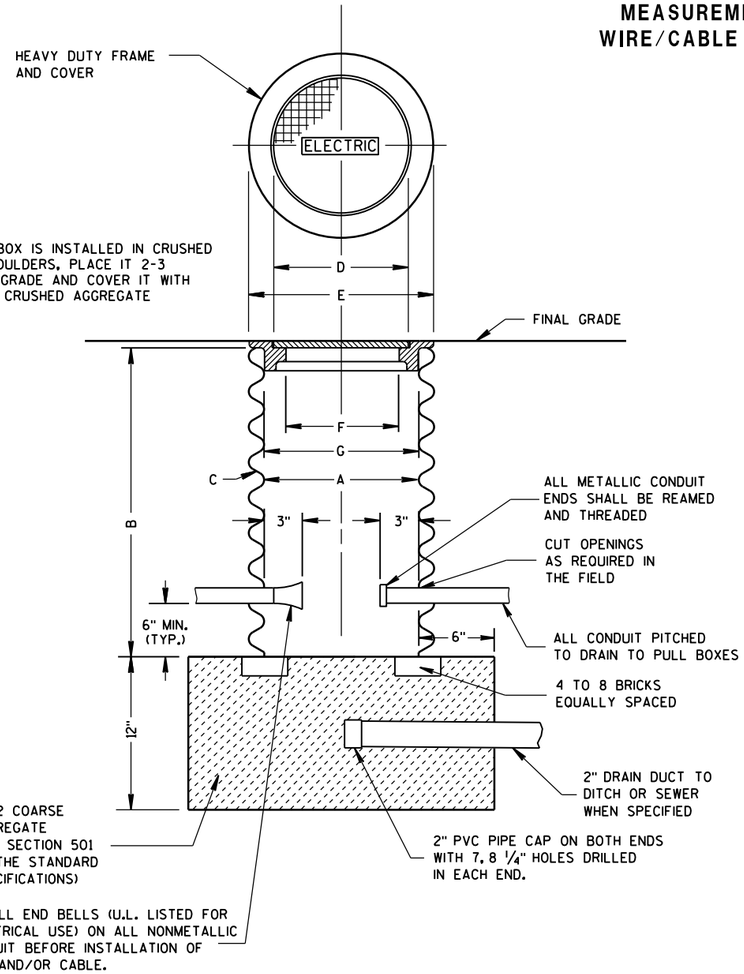


MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



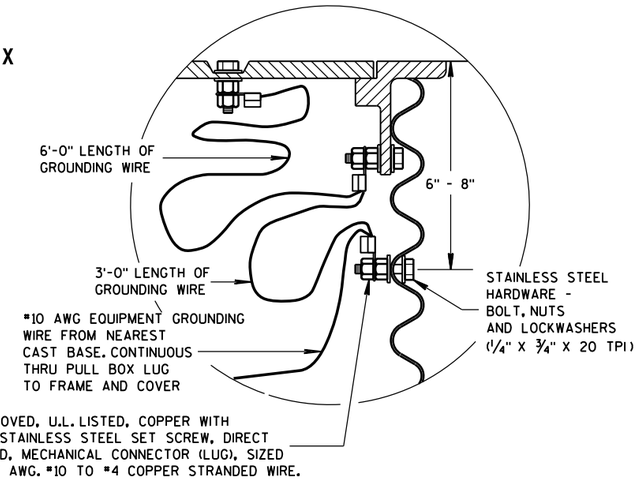
ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE



WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

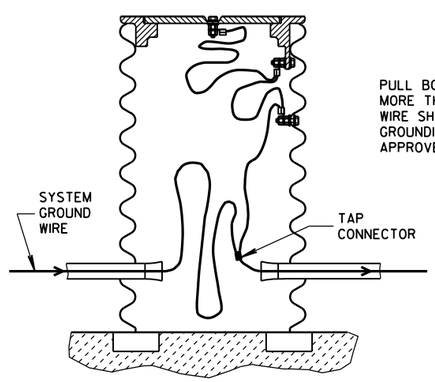
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

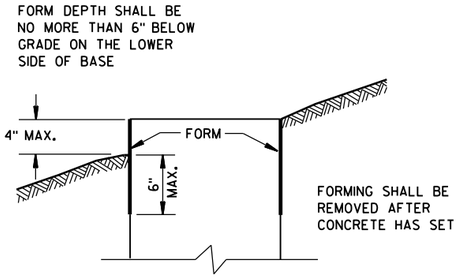
PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL
FHWA

6

S.D.D. 9 B 4-11



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 1, TYPE 2, TYPE 5, AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

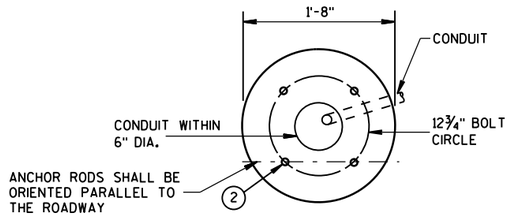
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

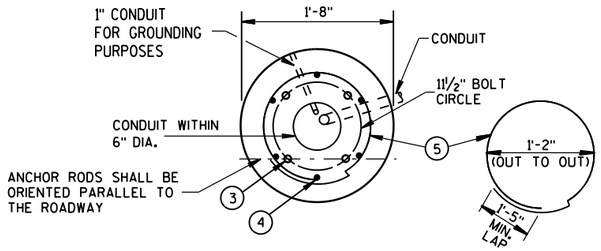
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

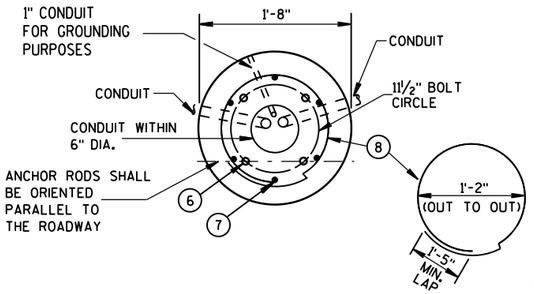
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

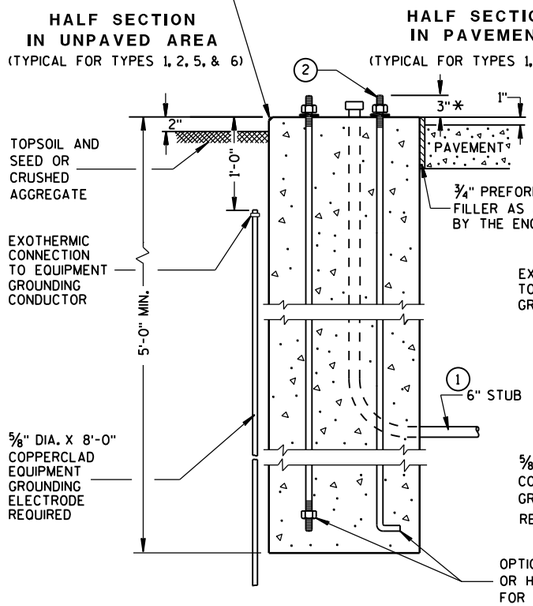
(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

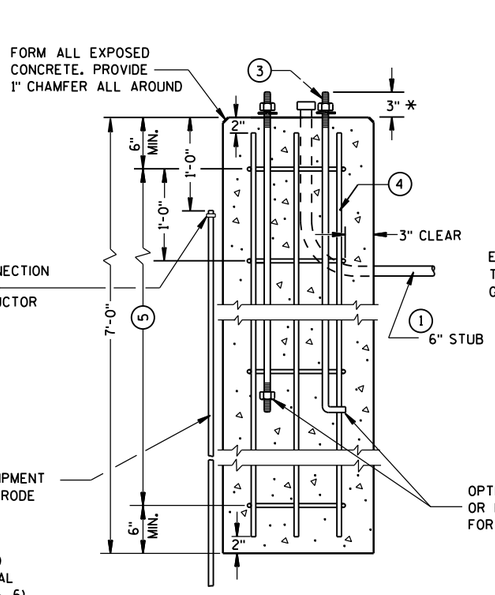
(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.



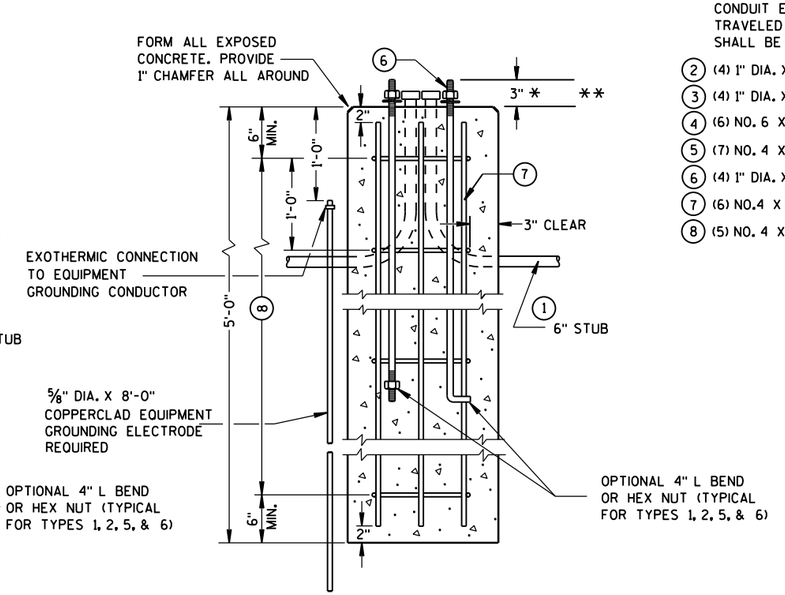








TYPE 2



TYPE 5 & 6

CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 2-7

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

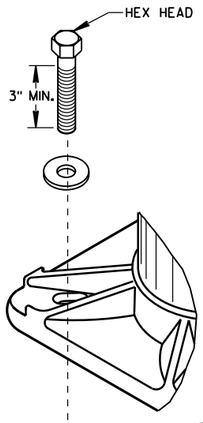
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

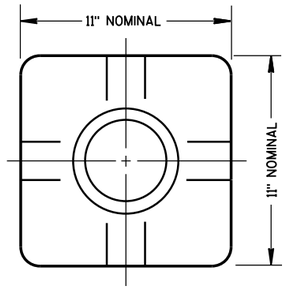
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

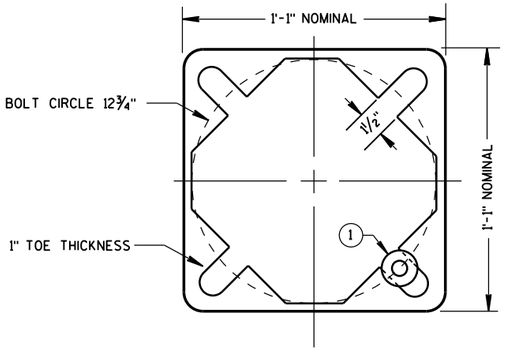
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

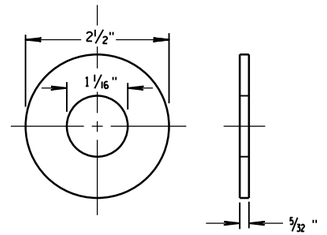




TOP VIEW
(PEDESTAL BASE)

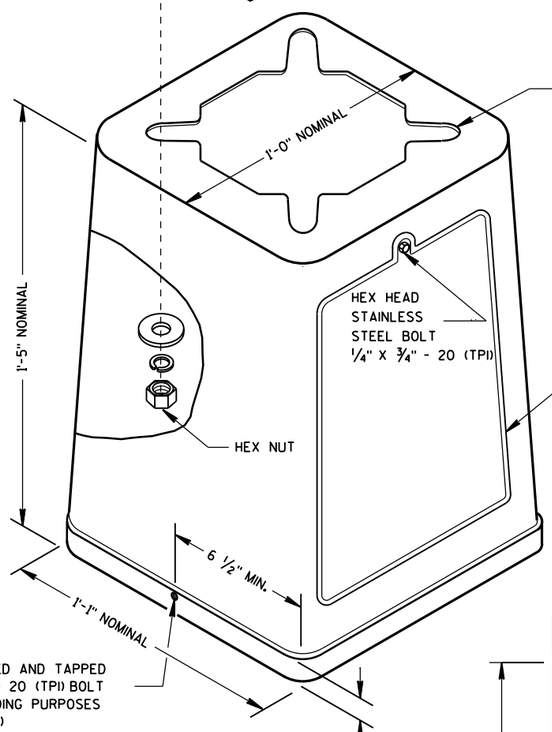


BOTTOM VIEW
(PEDESTAL BASE)

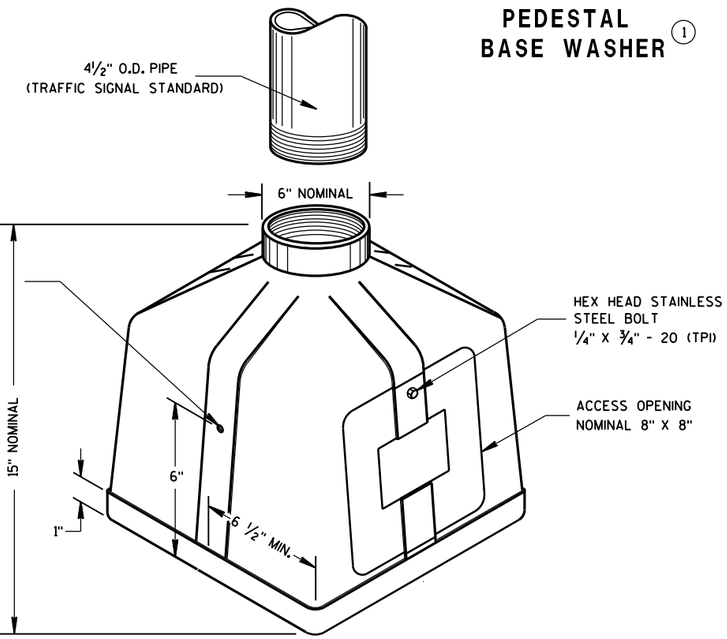


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

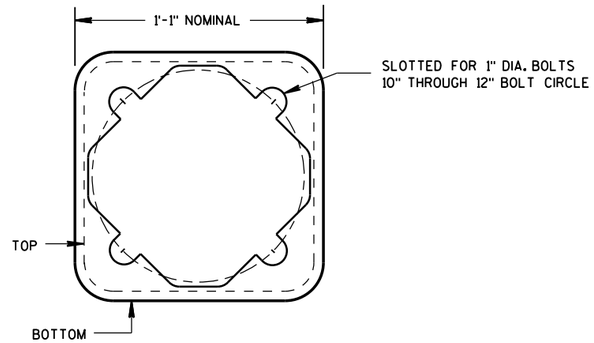


ISOMETRIC VIEW

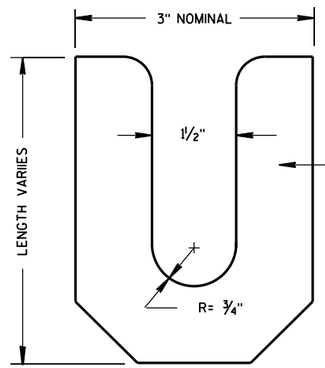


ISOMETRIC VIEW

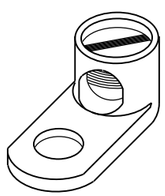
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)



LEVELING SHIM



TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

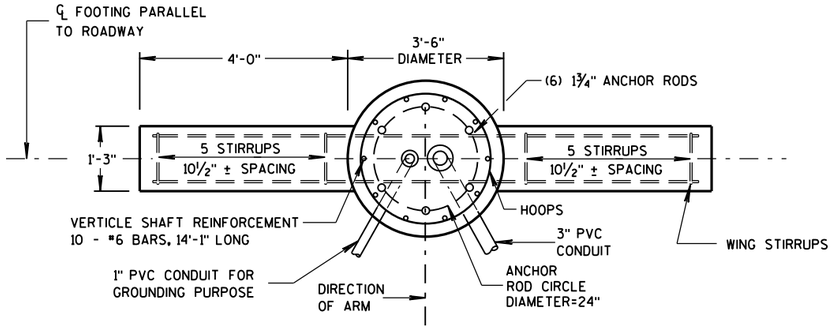
INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES

TRANSFORMER/PEDESTAL BASES

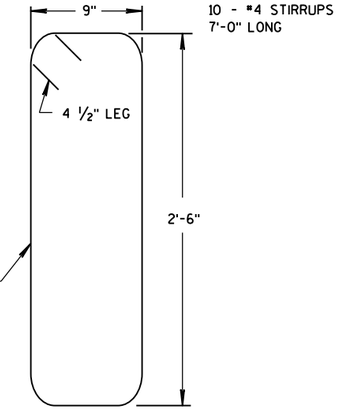
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
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FHWA

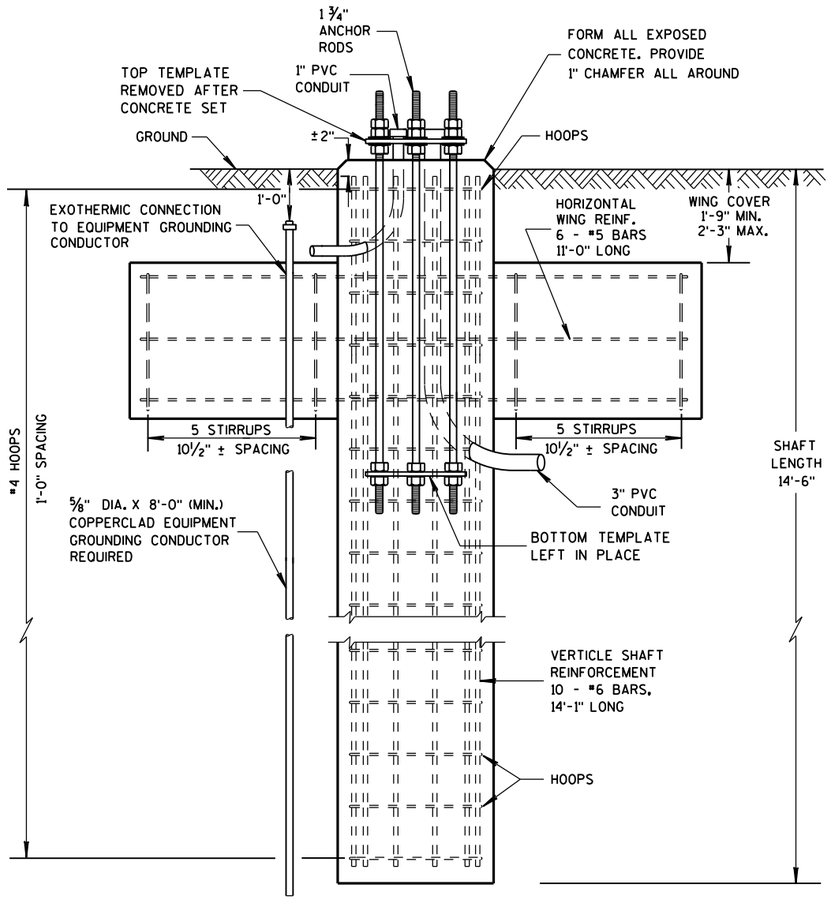
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S.D.D. 9 C 3-4



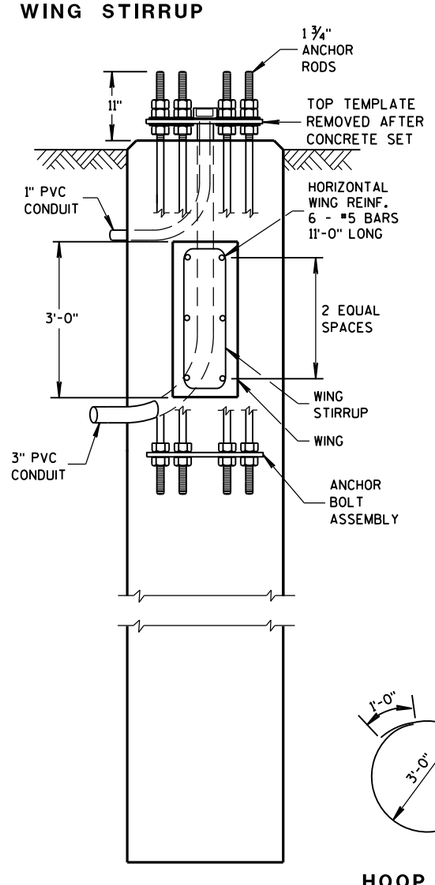
PLAN VIEW



WING STIRRUP

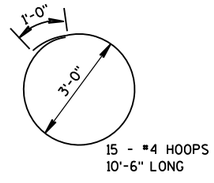


ELEVATION VIEW



SIDE VIEW

DOES NOT SHOW HOOPS OR VERTICAL SHAFT REINFORCEMENT



HOOP DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF THE UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BASES (SHAFT), BELOW THE WING, SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUNG THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZE AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASE SHALL BE 4½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF THE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTOR FITTINGS, UL LISTED FOR ELECTRICAL USE, SHALL BE USED.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1-INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4-FOOT COIL OF WIRE ABOVE THE CONCRETE BASE, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS.

THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVEL WAY SHALL BE 24-INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18-INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36-INCHES, (GREATER THAN 36-INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, AASHTO M314 GRADE 55	fy=55,000 p.s.i.
TEMPLATES, ASTM A709 GRADE 36	fy=36,000 p.s.i.

(FOR TYPE 12 & 13 POLES)

CONCRETE = 6.3 C.Y.
H.S. REINFORCEMENT = 433 LBS.

TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.
SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.

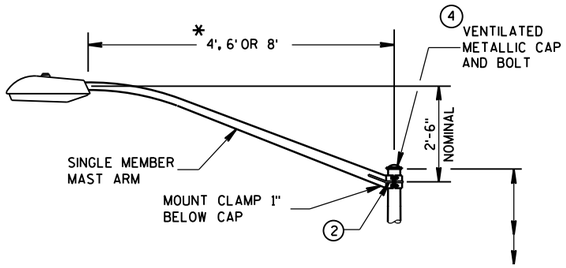
CONCRETE BASE TYPE 13

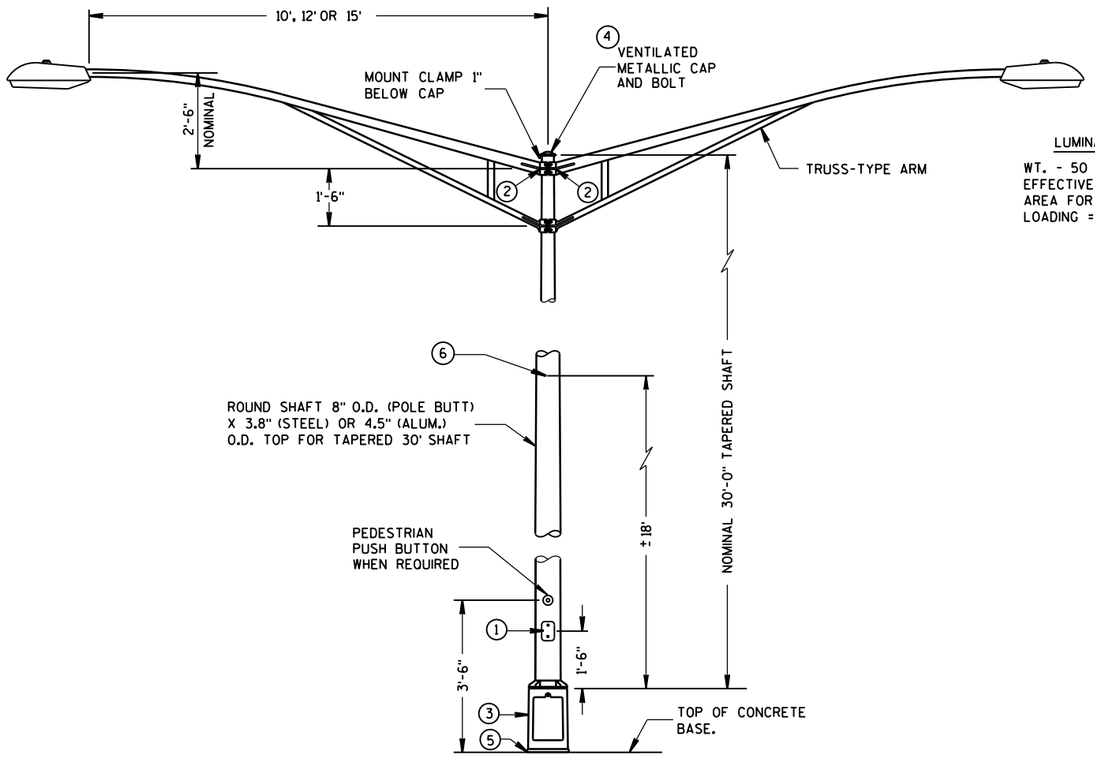
STATE OF WISCONSIN
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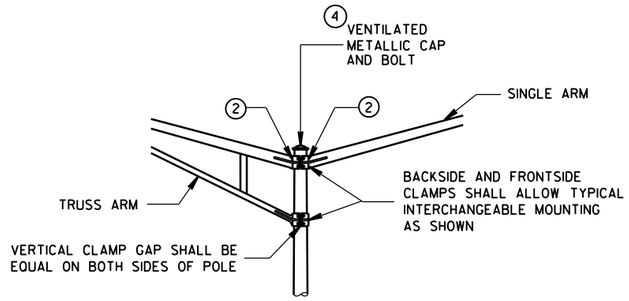
S.D.D. 9 C 12-6a

*RISE FOR 4' ARM SHALL BE 2'-0".





TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY



INTERCHANGEABLE MOUNTING DETAIL

LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED
AREA FOR WIND
LOADING = 1.5 SQ. FT.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.188".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONEECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.

(2) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

6

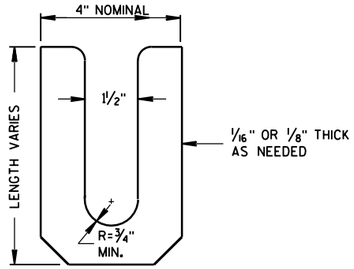
S.D.D. 9 E 1-14d

POLE MONTINGS FOR
LIGHTING UNITS, TYPE 5
(30 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

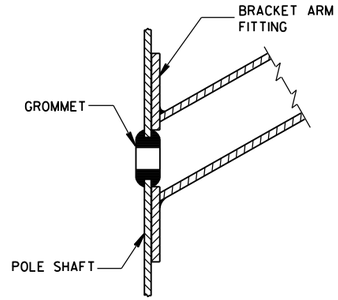
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S.D.D. 9 E 1-14d

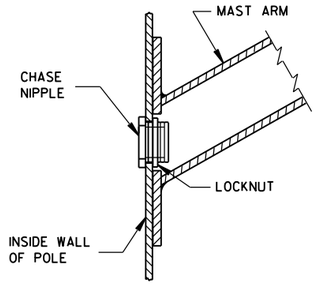


LEVELING SHIM (13)

SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

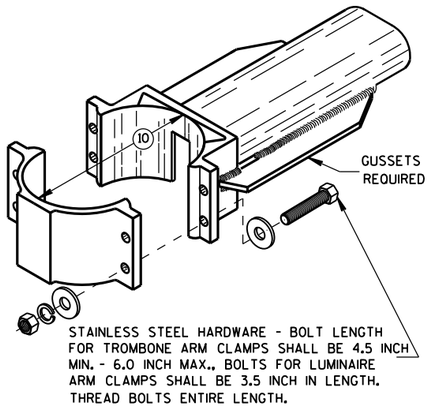
(10) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP.
6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(11) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

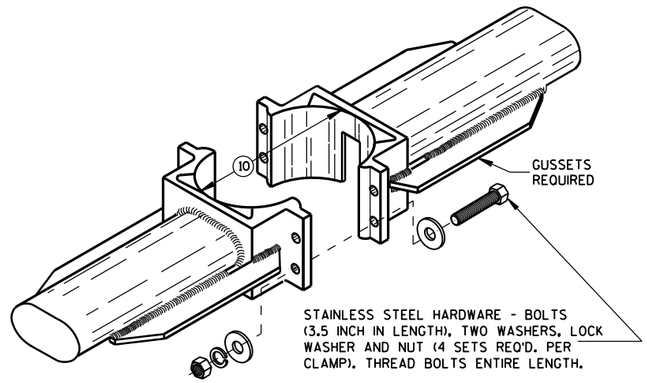
(12) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(13) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

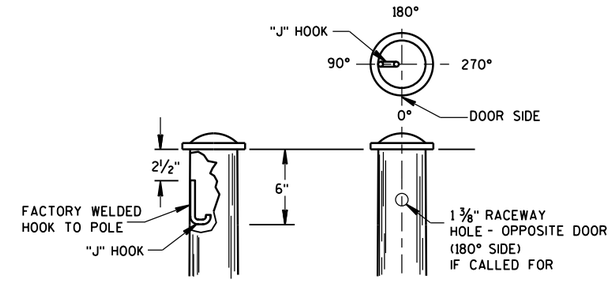
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



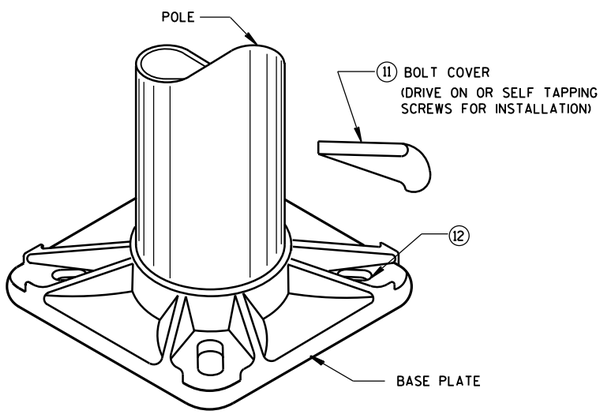
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



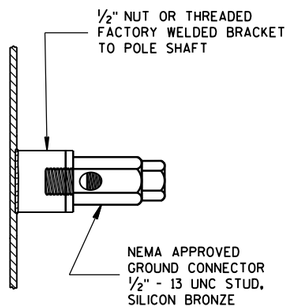
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

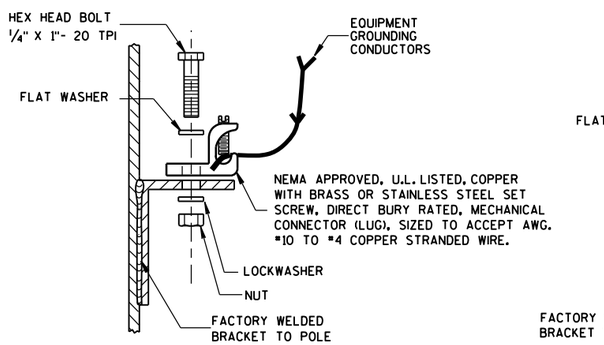


TYPICAL "J" HOOK LOCATION



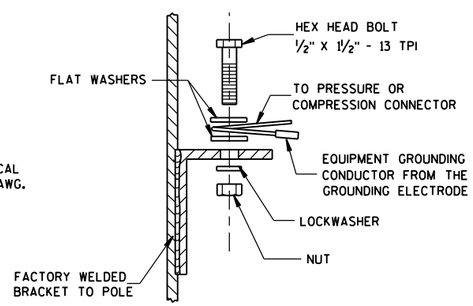
BASE PLATE





TYPICAL GROUNDING CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



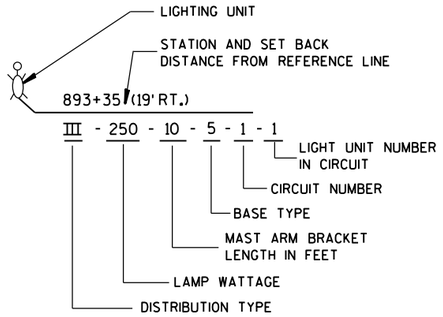
HARDWARE DETAILS FOR POLE MOUNTINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

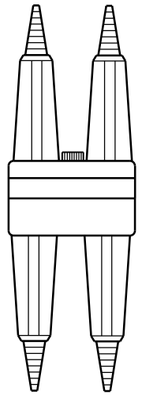
APPROVED
Feb. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

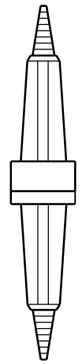
S.D.D. 9 E 1-14g



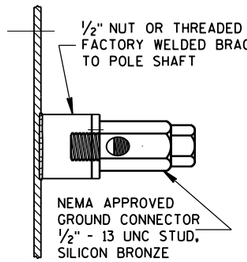
LIGHTING UNIT CODE
(TYPICAL)

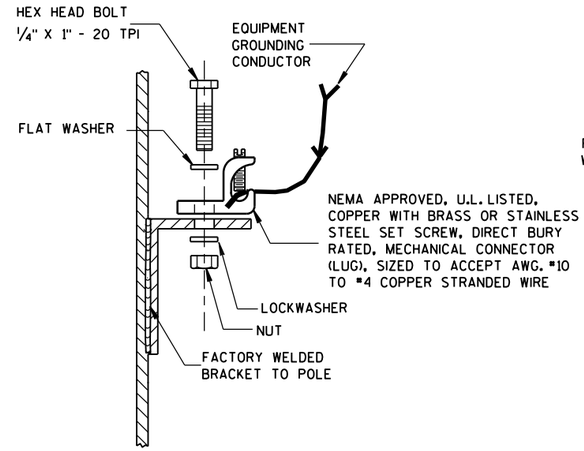


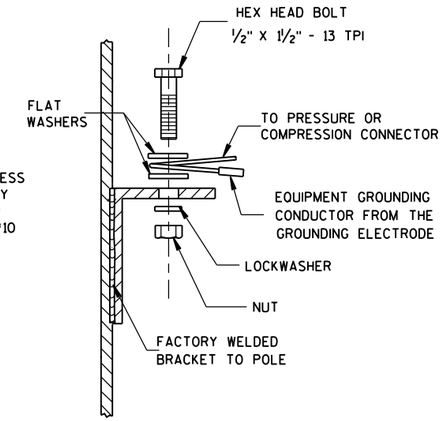
DETAIL "A"
BREAKAWY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



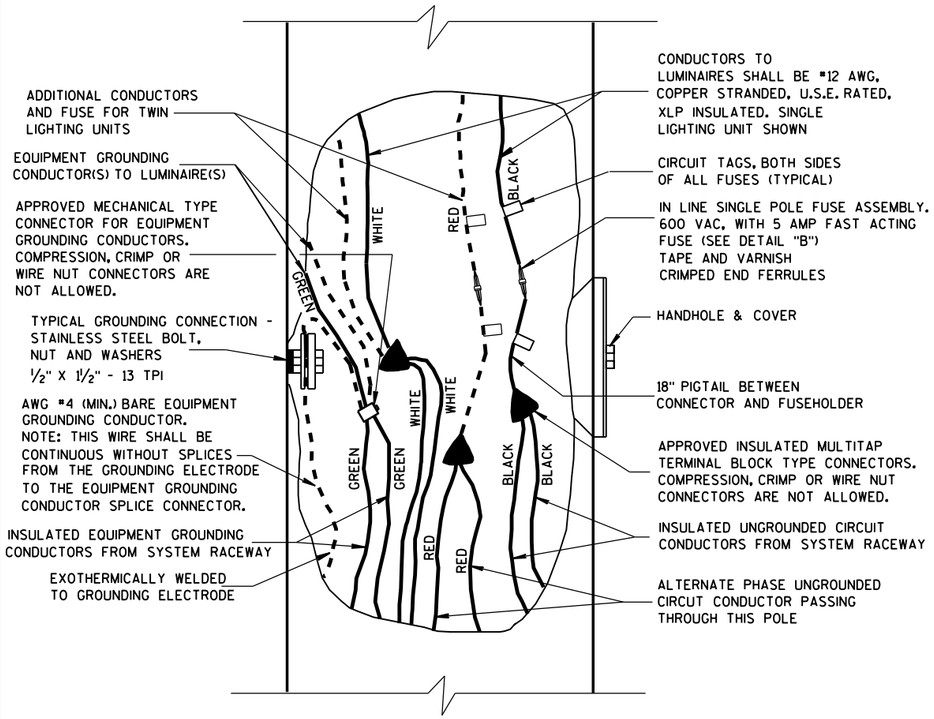
DETAIL "B"
BREAKAWY SINGLE POLE WITH WATERPROOF INSULATING BOOT



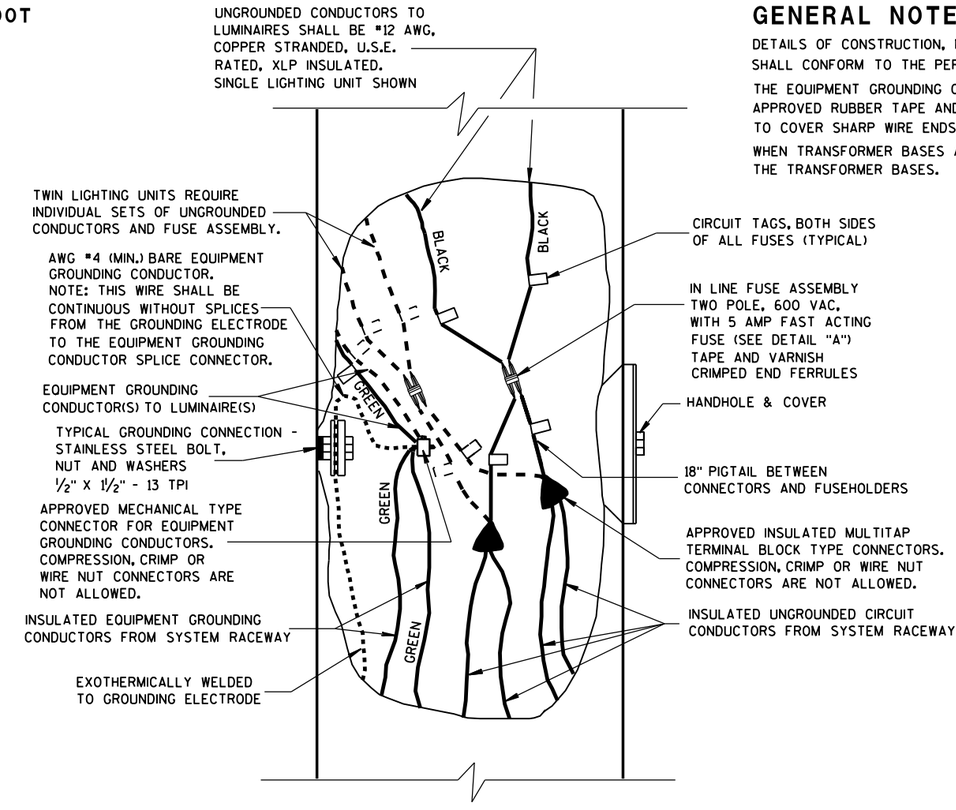




TYPICAL GROUNDING CONNECTIONS
NUT, BOLT, WASHERS AND LOCKWASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTOR) WITH GROUNDED CONDUCTOR AND WITH EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUNDING CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND THEN 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

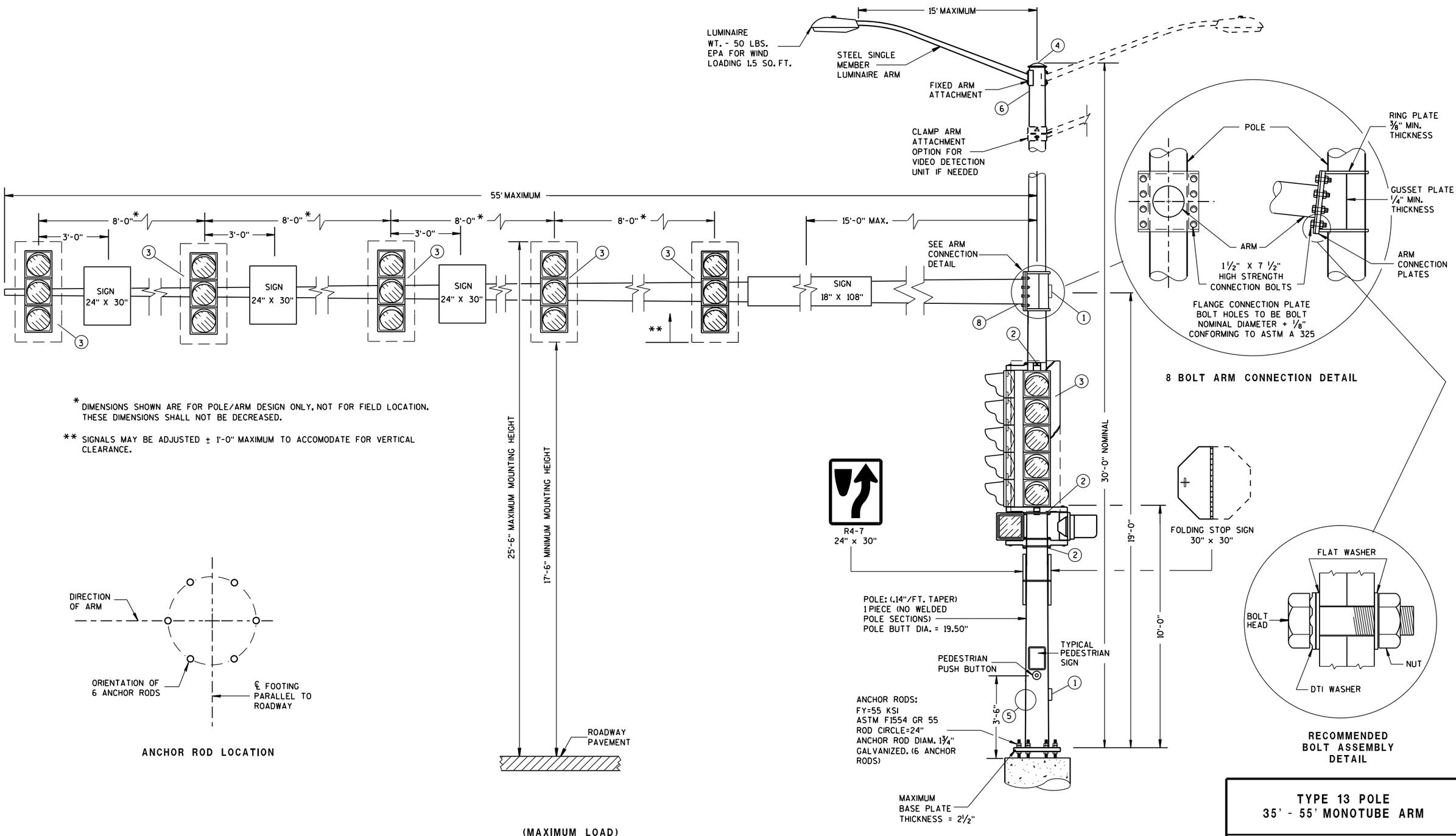
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

NON-FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6
S.D.D. 9 E 3-5



* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.

ANCHOR ROD LOCATION

(MAXIMUM LOAD)

TYPE 13 POLE 35'- 55' MONOTUBE ARM

TYPE 13 POLE 35' - 55' MONOTUBE ARM	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept. 2014 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL
FHWA	

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15-FOOT TO 30-FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35-FOOT TO 55-FOOT.

MONOTUBE POLE AND ARM SHALL BE GALVANIZED STEEL.

RING-STIFFENED BUILT-UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE (1) PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3 % ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO 2013 6TH EDITION AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR TRAFFIC AND LIGHTING STRUCTURES AND AS FOLLOWS:

- CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.
- CATEGORY II FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 12 AND TYPE 13 STRUCTURES.
- 90 MPH (3-SECOND GUST) WIND SPEED AND A 50 YEAR DESIGN LIFE.

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" S.S. BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR AS DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEADS AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HANDHOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING, (SEE SPECIFICATIONS SEC. 658).

(3) SECURELY MOUNT BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE END OF THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY-WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HANDHOLE, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

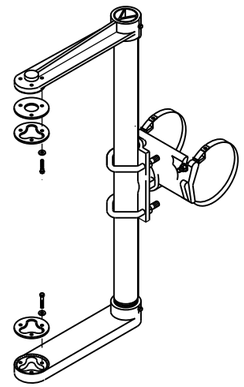
(6) FACTORY-WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL DEPARTMENT PROVIDED STRUCTURAL IDENTIFICATION PLAQUES.

STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

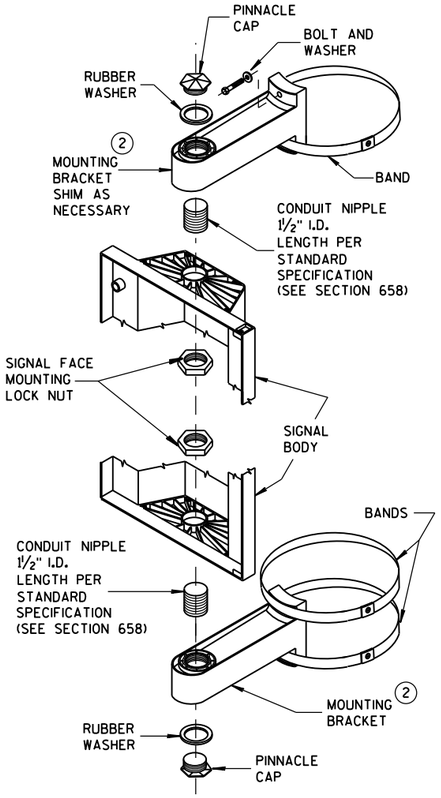
MOUNTING HEIGHT SHALL BE 5'-0" ABOVE THE CURB OR SHOULDER . ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

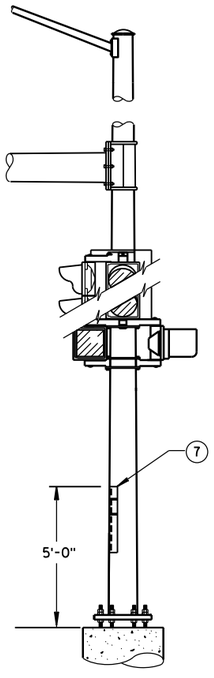


SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

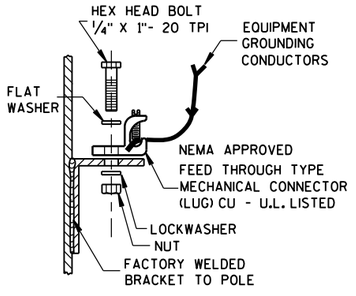
(MOUNT PER MANUFACTURER'S RECOMMENDATION)



SIGNAL FACE VERTICAL MOUNTING DETAIL

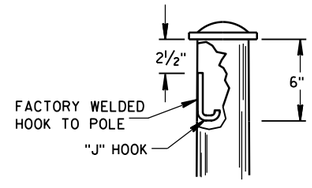


STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



TYPICAL GROUNDING CONNECTIONS (5)

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



"J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

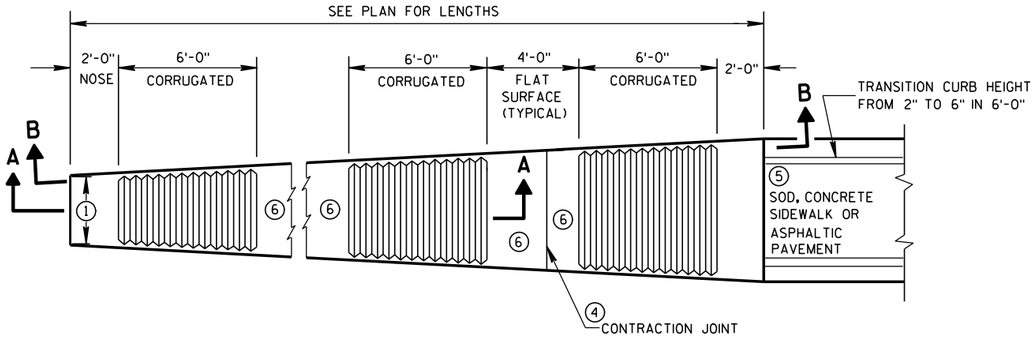
Sept. 2014 — DATE

/S/ Ahmet Demirbilek — STATE ELECTRICAL

FHWA

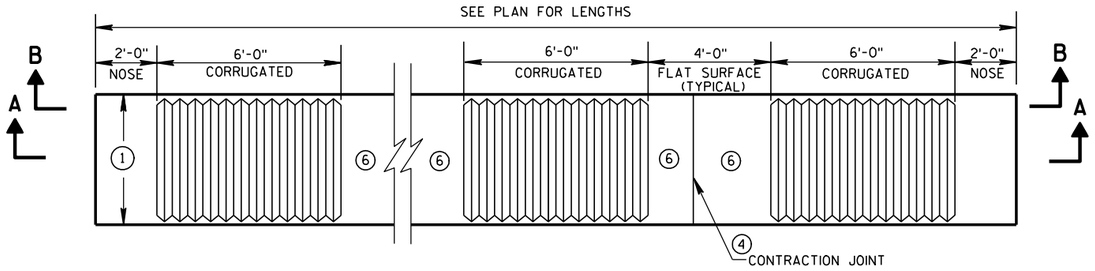
6

S.D.D. 9 E 8-6e



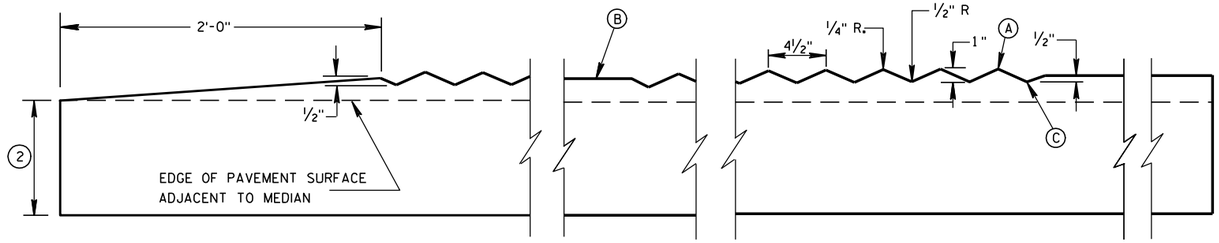
PLAN VIEW

VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN



PLAN VIEW

UNIFORM WIDTH CONCRETE CORRUGATED MEDIAN



SECTION A-A

LONGITUDINAL SECTION

GENERAL NOTES

(1) SEE PLANS FOR CONSTANT OR VARIABLE WIDTH.

(2) THE DEPTH OF THE CONCRETE CORRUGATED MEDIAN SHALL BE 9-INCHES UNLESS SHOWN OTHERWISE IN THE PLAN.

ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

(2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE, OR PAVEMENT.

(3) ASPHALTIC PAVEMENT OVER BASE AGGREGATE DENSE.

(3) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

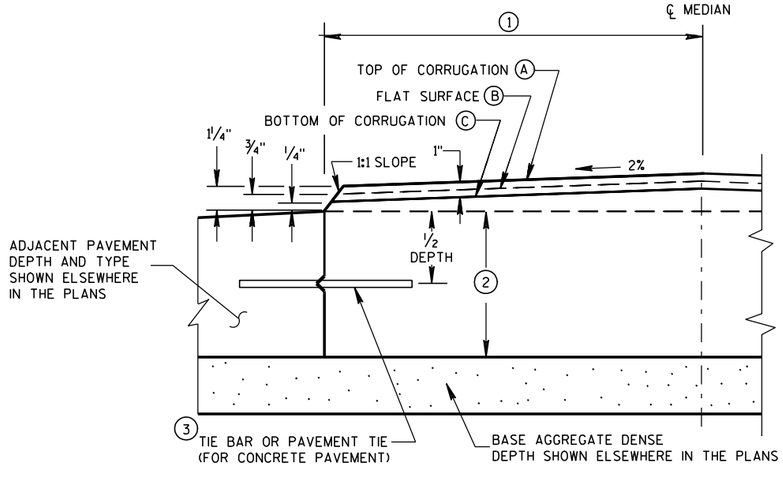
INSTALL TIE BARS TO MAINTAIN A MINIMUM OF 3-INCHES OF COVER BETWEEN THE TIE BAR AND THE CONCRETE SURFACE (BOTTOM AND TOP).

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE PAVEMENT OR CONCRETE BASE COURSE, PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(4) CONCRETE CORRUGATED MEDIAN CONTRACTION JOINTS SHALL BE CONSTRUCTED TO MATCH THE JOINTS IN ADJACENT CONCRETE PAVEMENT. WHERE ADJACENT PAVEMENT IS ASPHALT WITH BASE AGGREGATE DENSE. TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT 20 FOOT INTERVALS.

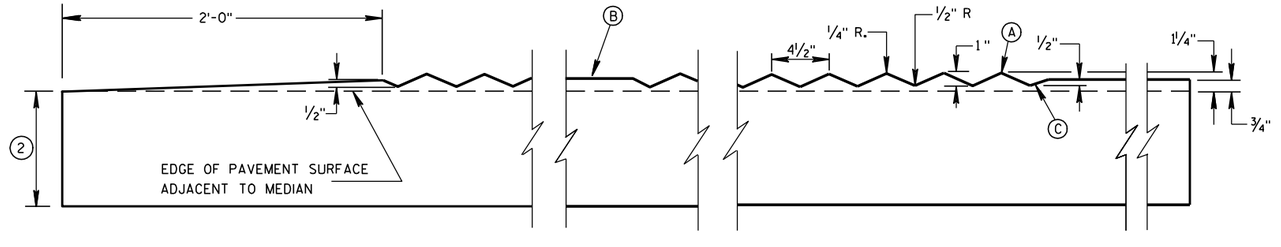
(5) SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.

(6) YELLOW MARKING ON FLAT SURFACE WHEN MEDIAN SEPARATES OPPOSING TRAFFIC.



HALF CROSS SECTION

(2) CONCRETE CORRUGATED MEDIAN AND ADJACENT PAVEMENT



SECTION B-B

LONGITUDINAL SECTION

CONCRETE CORRUGATED MEDIAN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

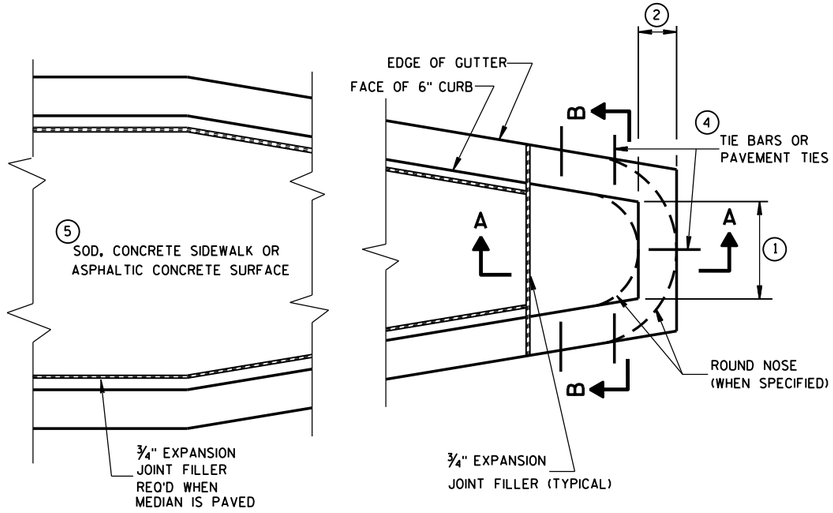
12/17/07
DATE

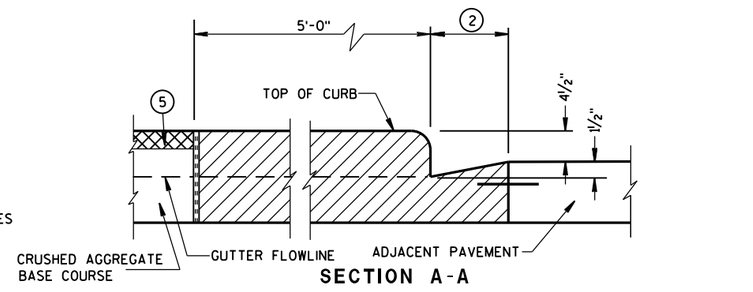
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

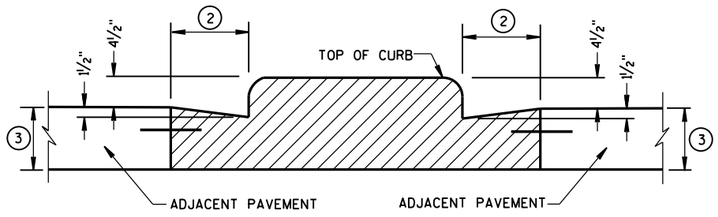
FHWA

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S.D.D. 11 B 1-5







CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

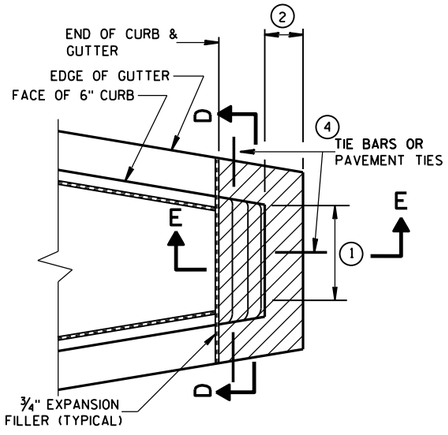
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

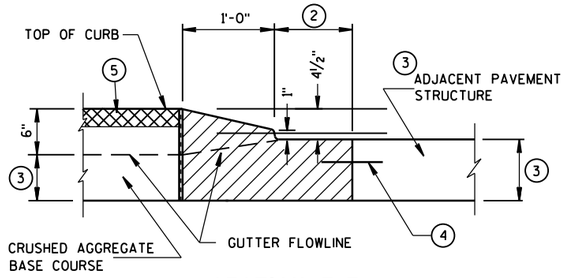
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

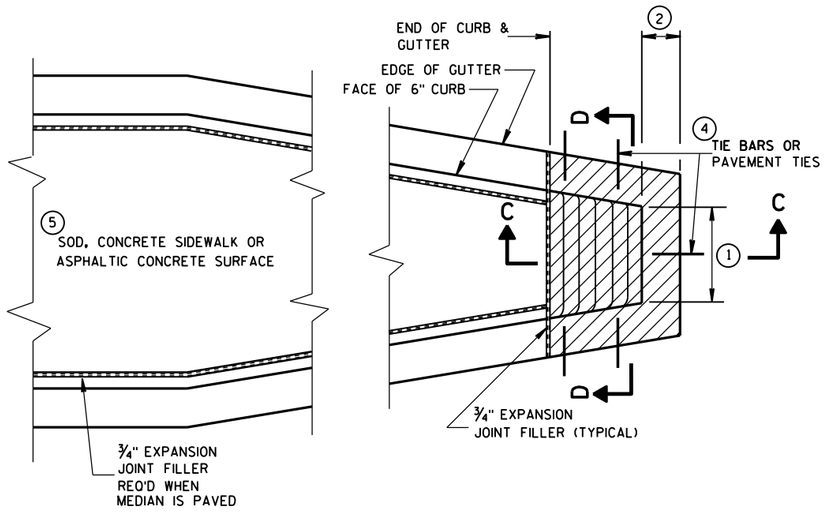
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

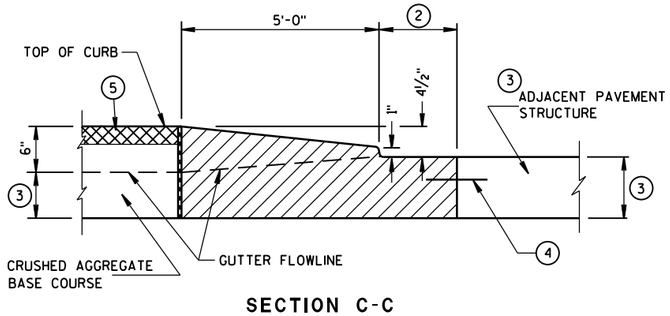
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



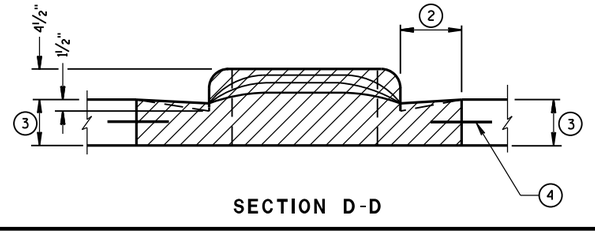


CONCRETE MEDIAN SLOPED NOSE TYPE 2





CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/8/2006
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER

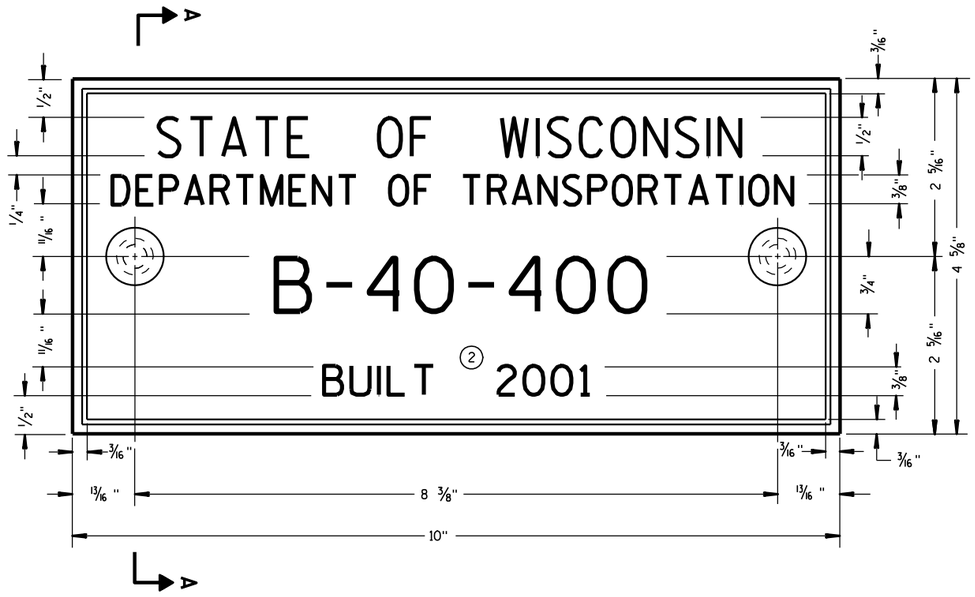
FHWA

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S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2



TYPICAL NAME PLATE

(BRIDGES, CULVERTS, AND RETAINING WALLS)

FOR MULTI-UNIT STRUCTURES
LINE 3 ABOVE SHALL READ

B = BRIDGE
C = CULVERT
R = RETAINING WALL

COUNTY NO.

BRIDGE NO.

UNIT NO. FOR MULTIPLE UNIT BRIDGE

B-40-400-1A

NUMBERING DESIGNATION MULTI-UNIT STRUCTURES

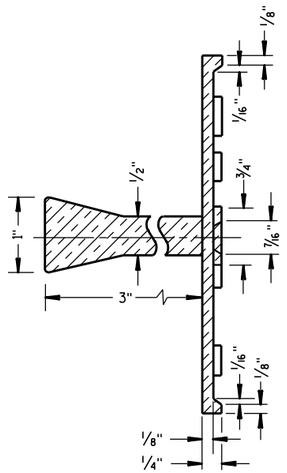
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

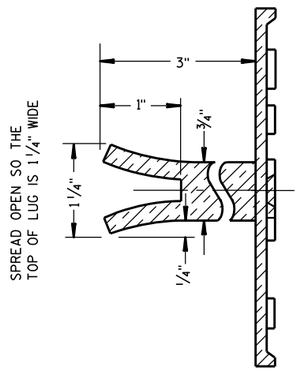
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

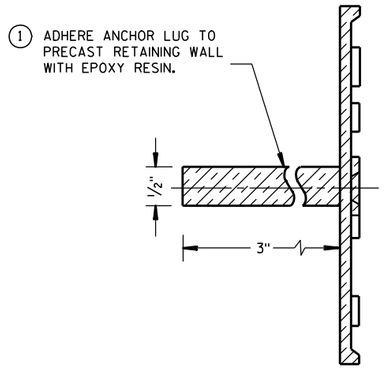
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



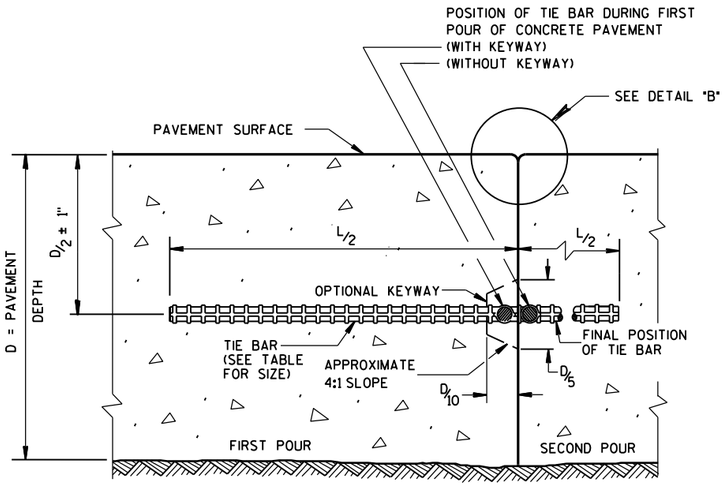
ALTERNATE LUG

(FOR ATTACHMENT TO PRECAST STRUCTURES)

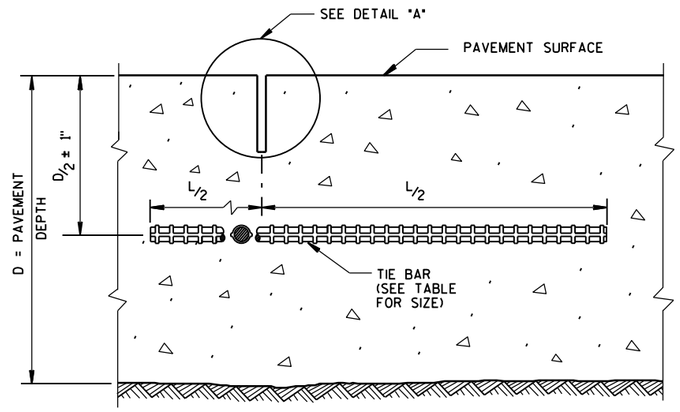
NAME PLATE (STRUCTURES)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
3/26/10 DATE	/S/ Scot Beck CHIEF STRUCTURAL DEVELOP ENGINEER
FHWA	

6

S.D.D. 12 A 3-10



CONSTRUCTION JOINT



SAWED JOINT

GENERAL NOTES

DO NOT SEAL OR FILL LONGITUDINAL JOINTS.

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

PLAN VIEW

SECTION A-A

LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

DETAIL "A"

DETAIL "B"

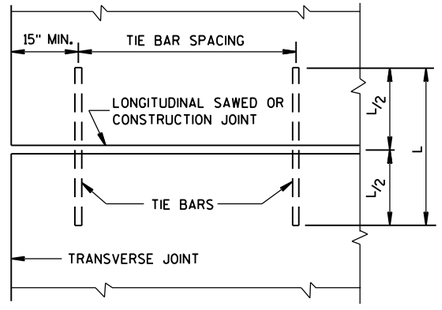
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

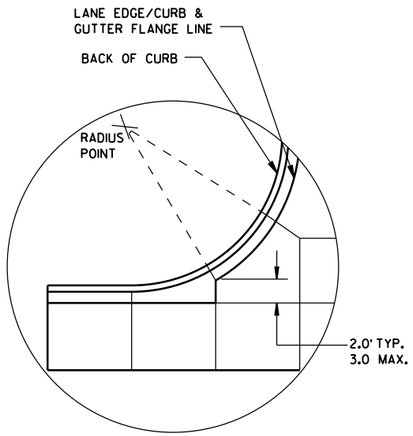
CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

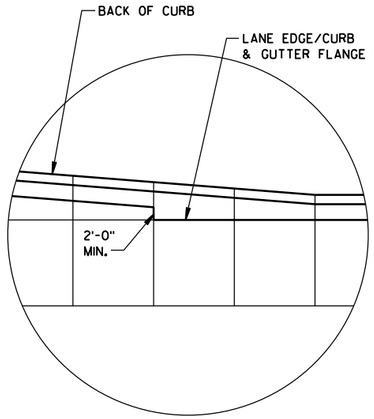
APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

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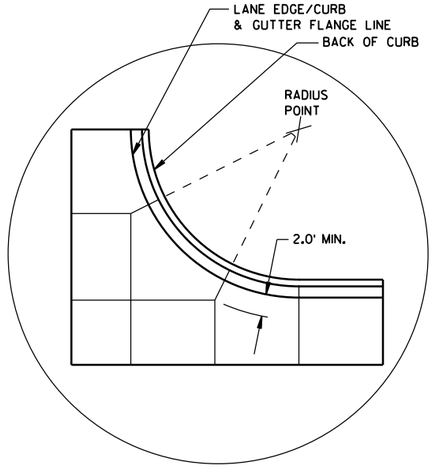
S.D.D. 13 C 1-18



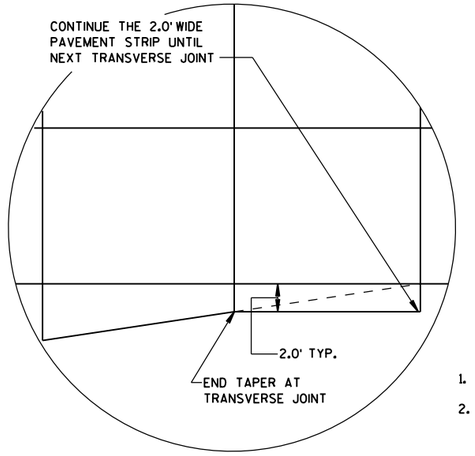
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G. MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

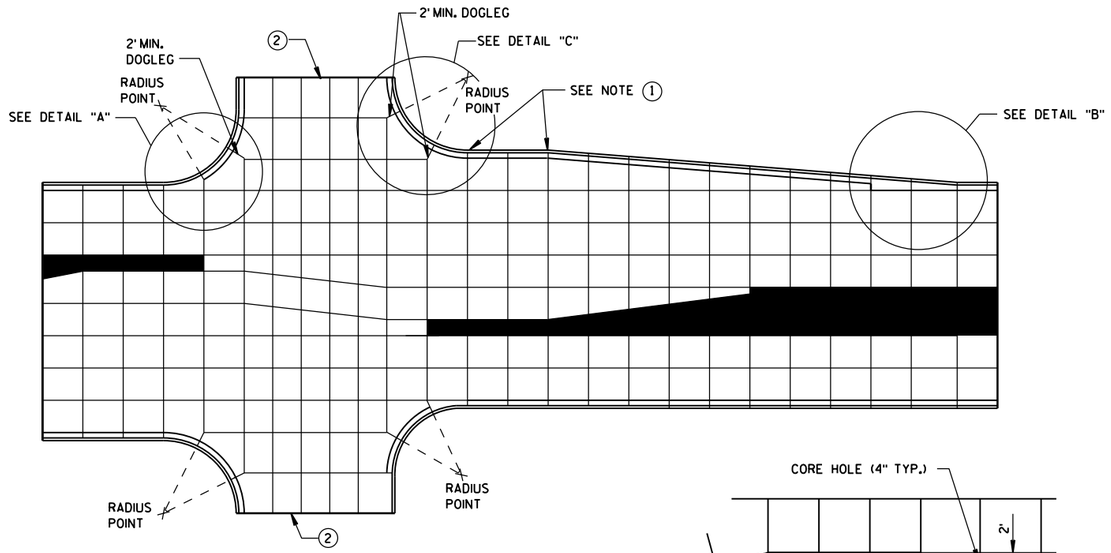
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

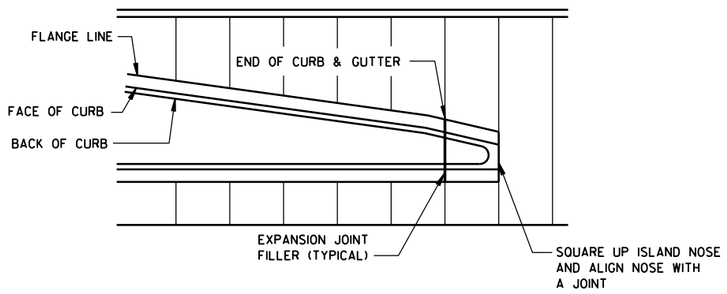
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



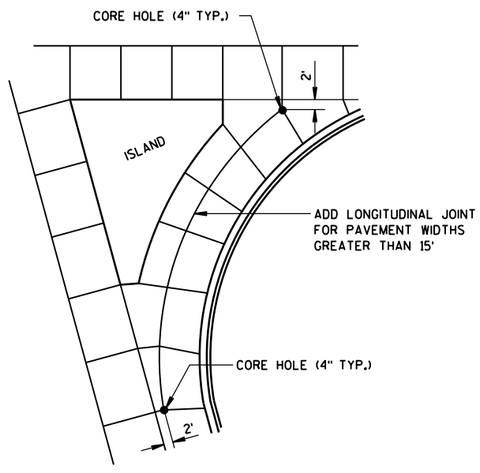
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

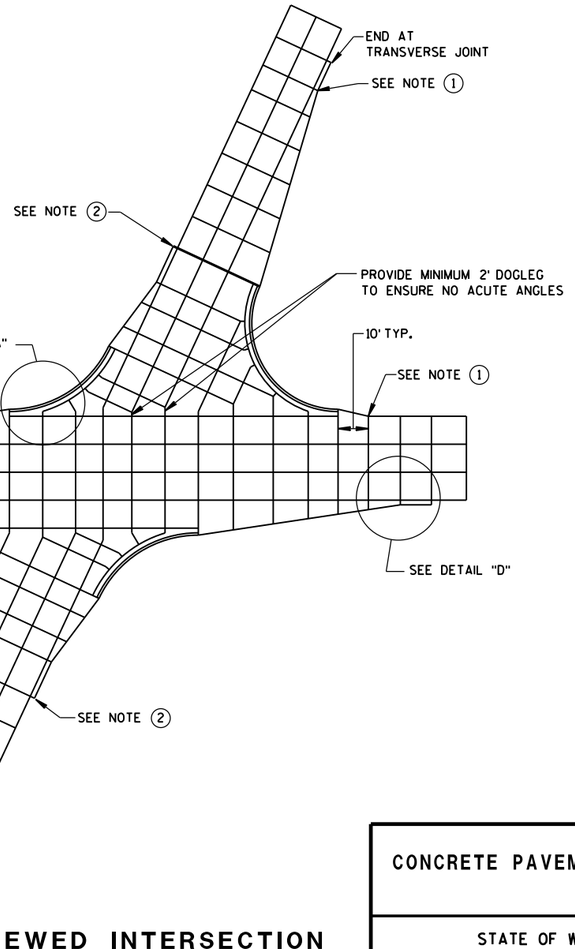
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6½"	12'
7", 7½"	14'
8" & ABOVE	15'



APPROACH TO MEDIAN



LARGE RIGHT TURN



SKEWED INTERSECTION

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 455

6

S.D.D. 13 C 18-3a

6

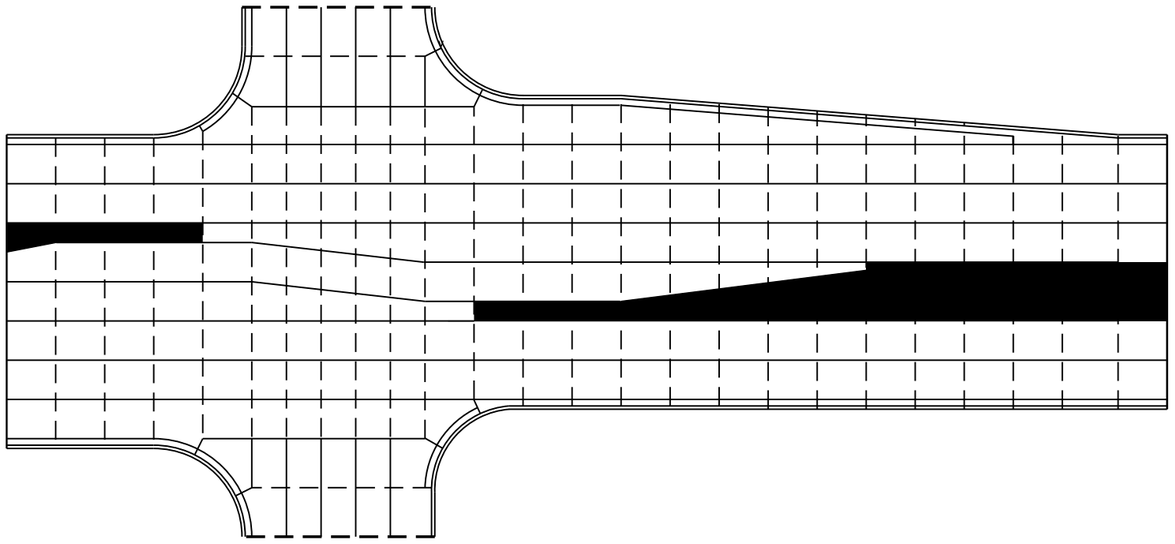
S.D.D. 13 C 18-3a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

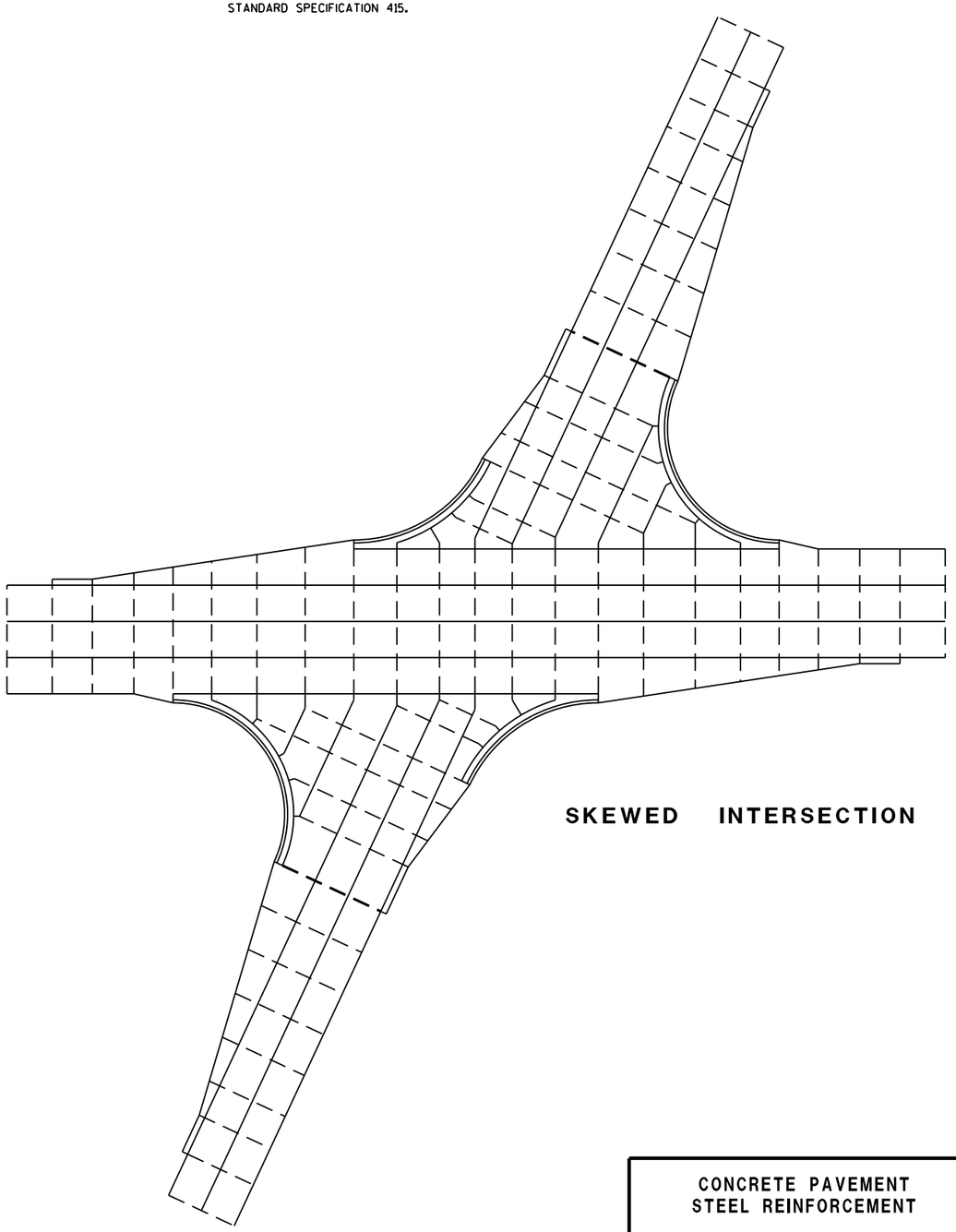
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

CONCRETE PAVEMENT
STEEL REINFORCEMENT

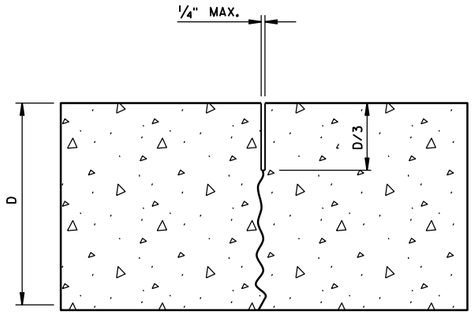
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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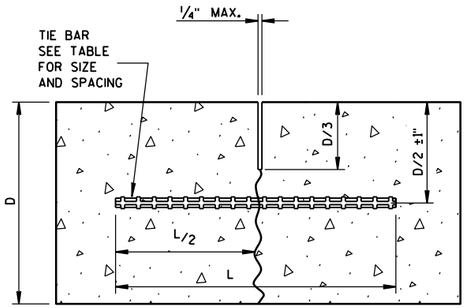
S.D.D. 13 C 18-3b

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S.D.D. 13 C 18-3b



UNDOWELED-TRANSVERSE



TIED LONGITUDINAL

TIE BAR TABLE

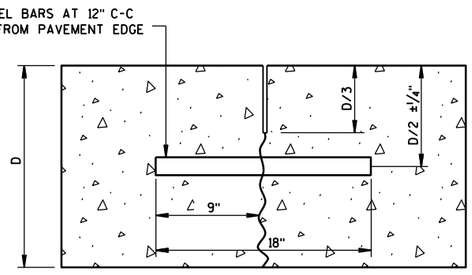
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
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* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

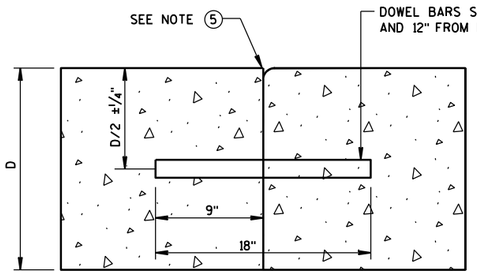
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A 1/4-INCH RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



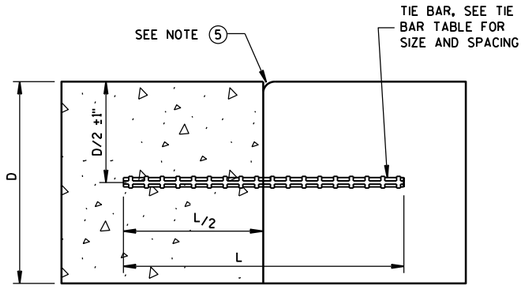
DOWELED-TRANSVERSE

CONTRACTION JOINTS

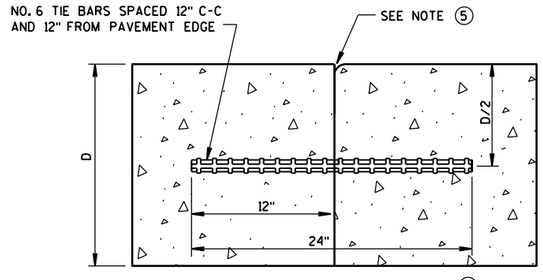
SEE NOTE (2)



DOWELED TRANSVERSE (3)

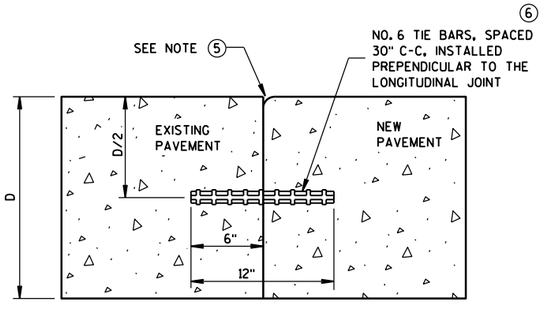


TIED LONGITUDINAL



TIED TRANSVERSE (3)

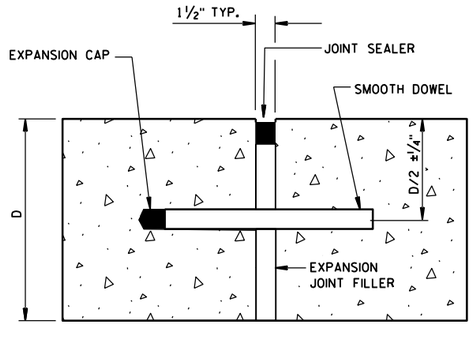
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

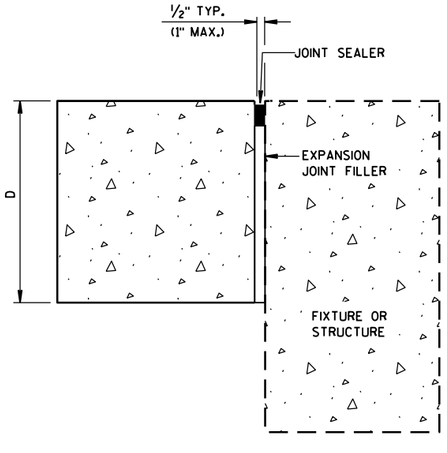
CONSTRUCTION JOINTS

SEE NOTE (4)



DOWELED-TRANSVERSE

SEE NOTE (1)



UNTIED-LONGITUDINAL

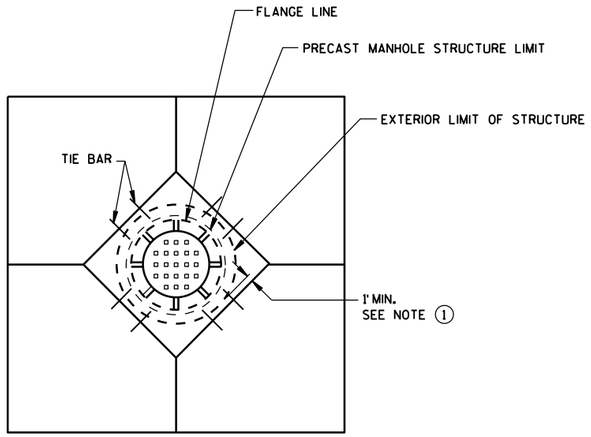
EXPANSION JOINTS

CONCRETE PAVEMENT
JOINT TYPES

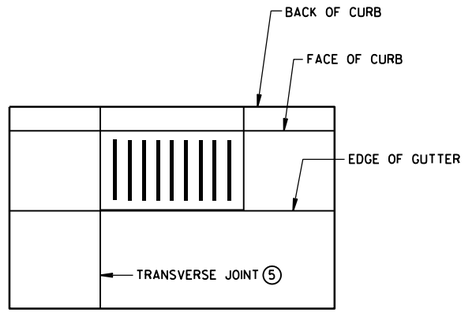
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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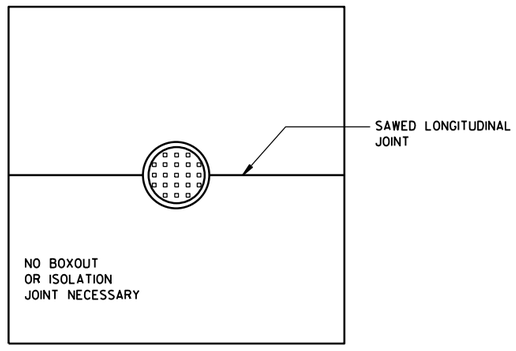
S.D.D. 13 C 18-3c



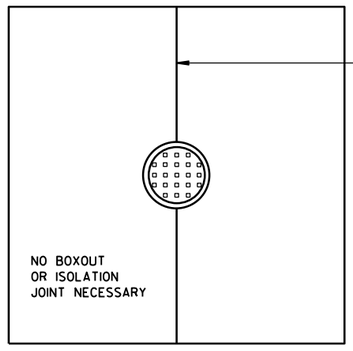
DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS



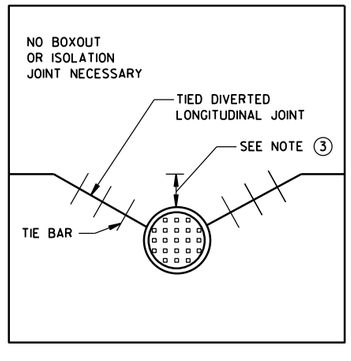
INLET WITH TRANSVERSE JOINT



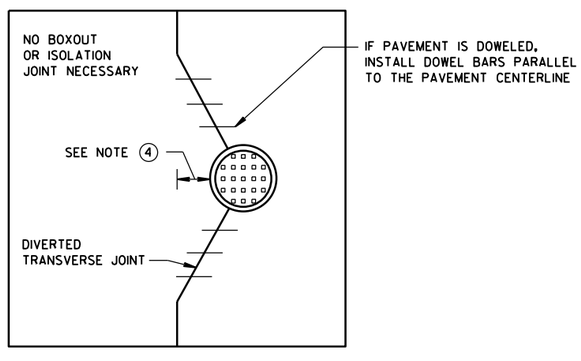
MANHOLE WITH LONGITUDINAL JOINT



MANHOLE WITH TRANSVERSE JOINT



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT

GENERAL NOTES

(1) USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1-FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.

(2) ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.

(3) IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDIAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(4) IF DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(5) ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

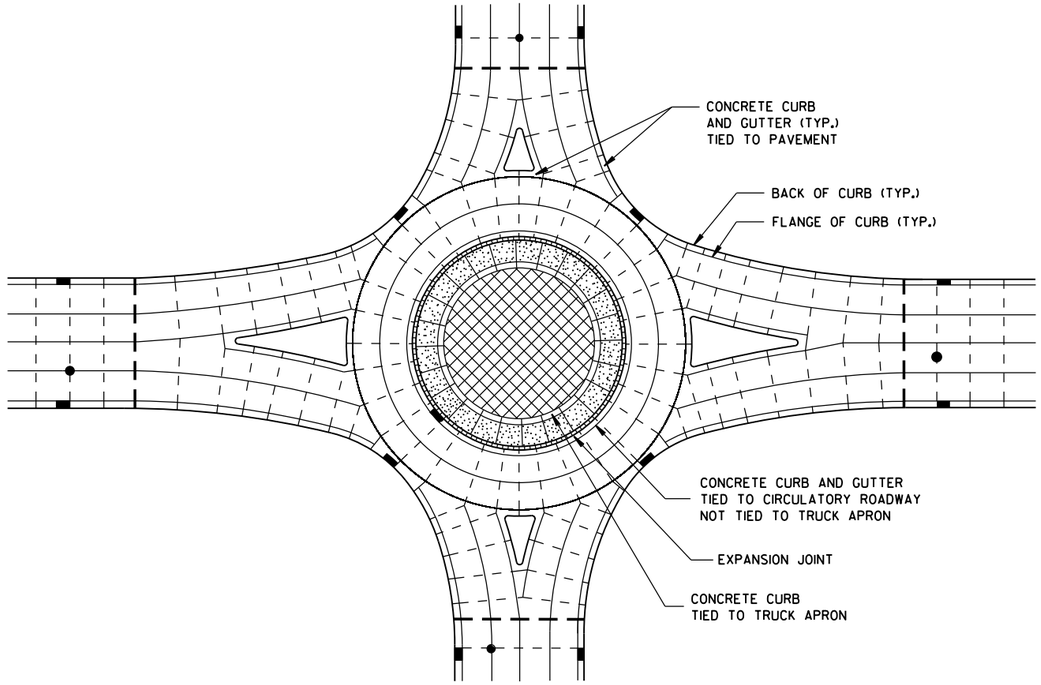
APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

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S.D.D. 13 C 18-3d

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT
- TRUCK APRON
- CENTRAL ISLAND
- UTILITY STRUCTURES



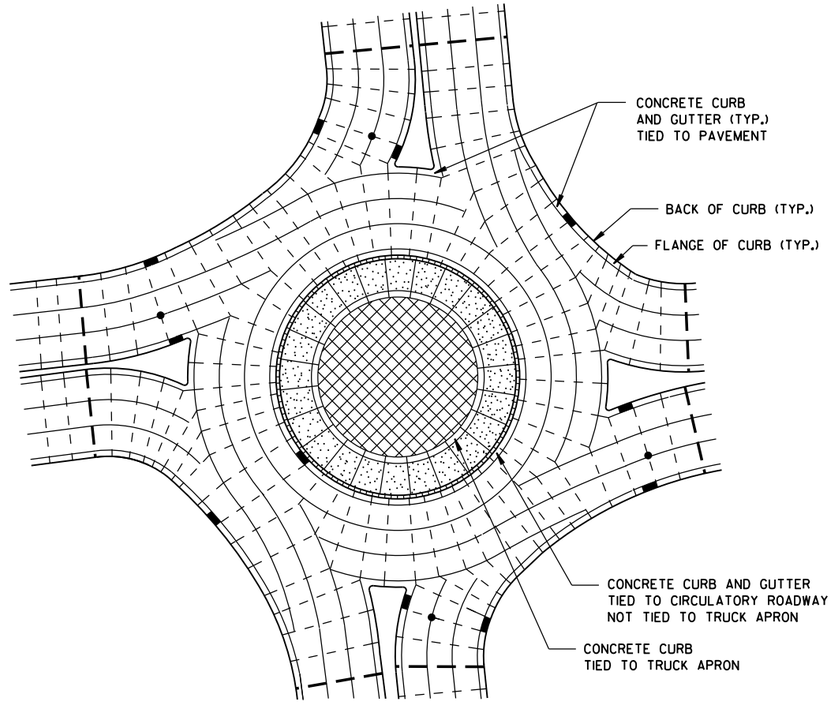
ISOLATED CIRCLE JOINT LAYOUT FOR ROUNDABOUTS

GENERAL NOTES

MAXIMUM JOINT SPACING IS IN ACCORDANCE WITH THE TABLE SHOWN ON SDD 13C18 SHEET "a".

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.

DO NOT DOWEL OR TIE THE TRUCK APRON TRANSVERSE JOINTS.



PINWHEEL JOINT LAYOUT FOR ROUNDABOUTS

6

6

S.D.D. 13 C 18-3e

S.D.D. 13 C 18-3e

CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June, 2015
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPE

FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, AND THE APPLICABLE SPECIAL PROVISIONS.

(1) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

(2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.

(3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

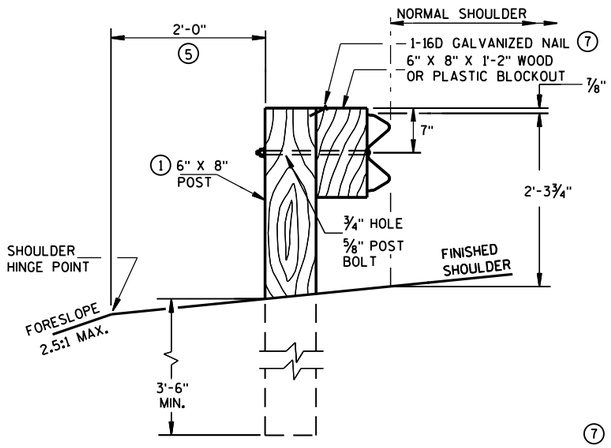
(5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

(6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2½ INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.

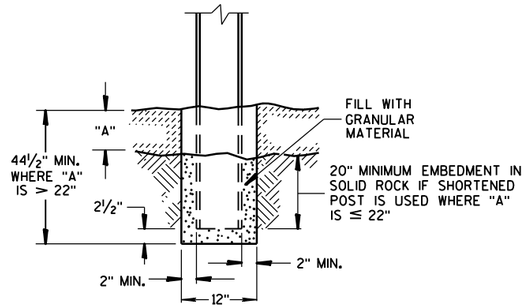
(7) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

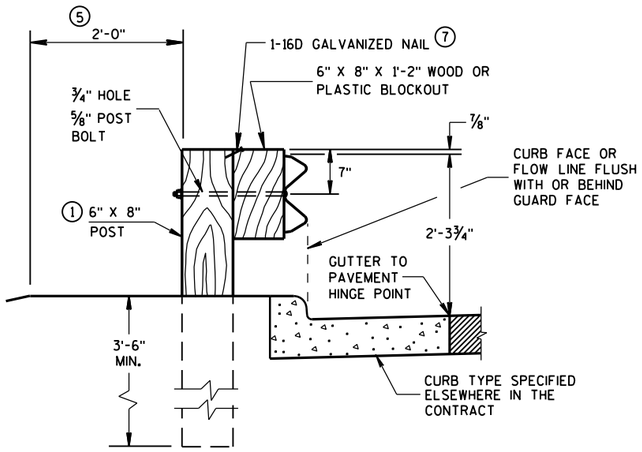
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



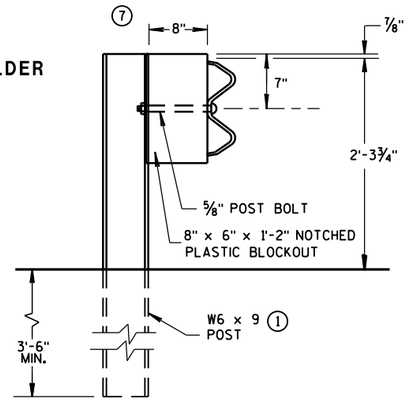
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



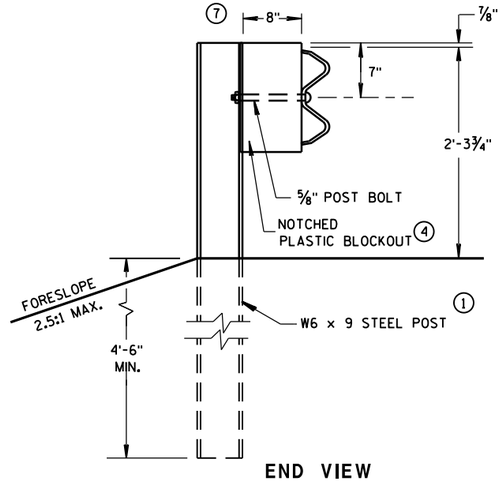
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (6)



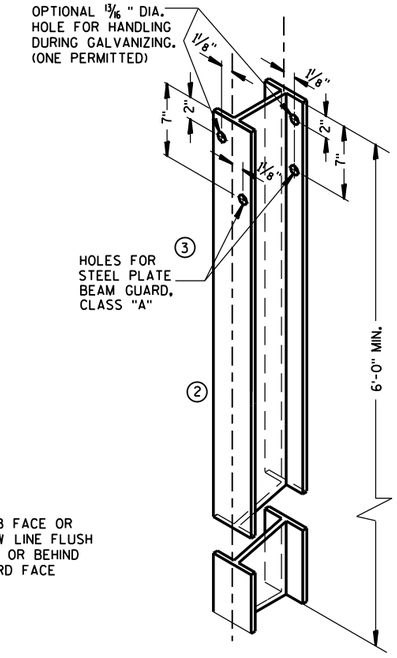
END VIEW
LOCATED ALONG A CURBED ROADWAY



END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION

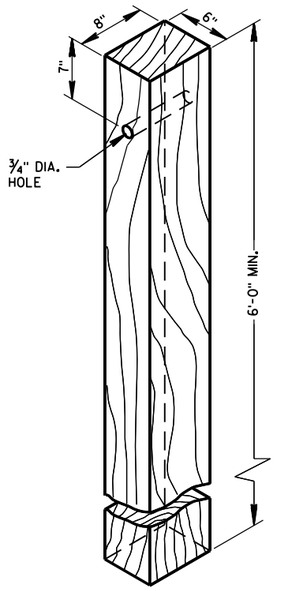


END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)

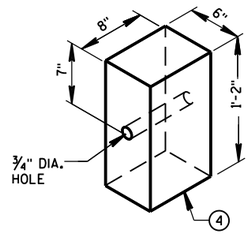


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) (1)

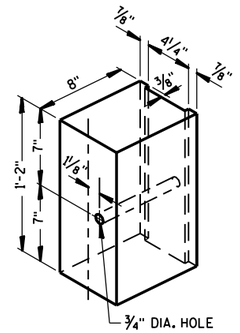
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



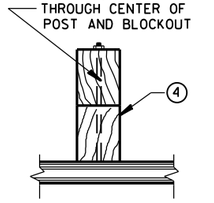
WOOD POST
(6"X8") NOMINAL



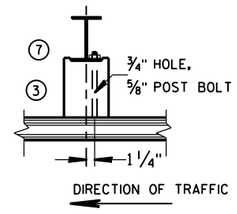
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



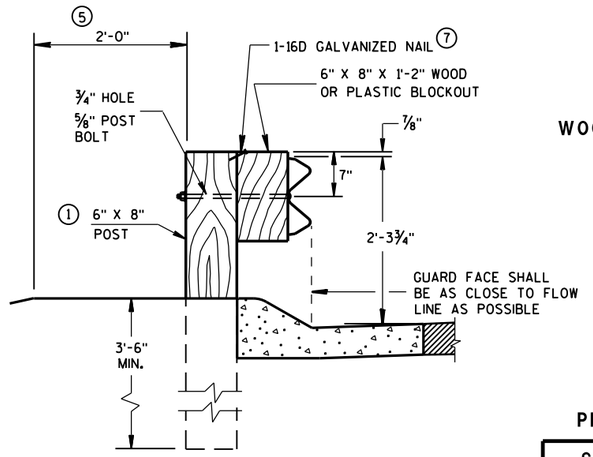
TYPICAL NOTCHED (1)
PLASTIC BLOCKOUT
FOR STEEL POSTS



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM



END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 460

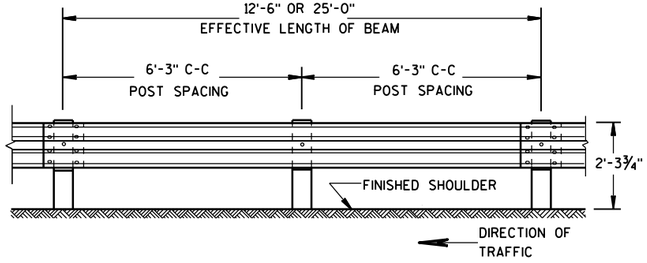
TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

6

S.D.D. 14 B 15-8a

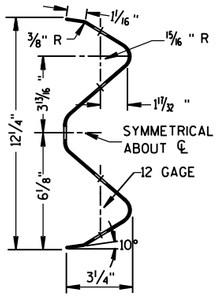
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S.D.D. 14 B 15-8a

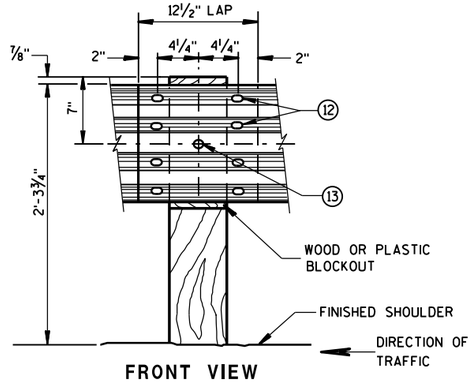


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

GENERAL NOTES

(8) PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

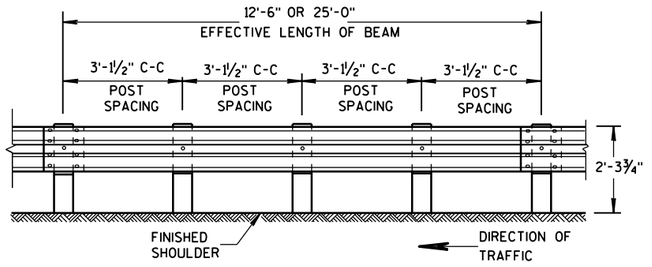
(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(10) REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

(11) PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

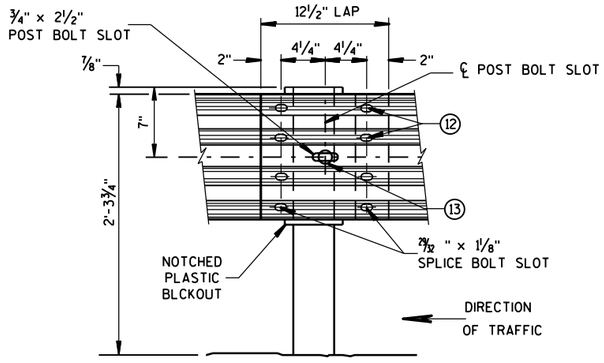
(12) 8 -⅝" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) ⅝" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH ⅝" DIA. F844 FLAT WASHER UNDER NUT.



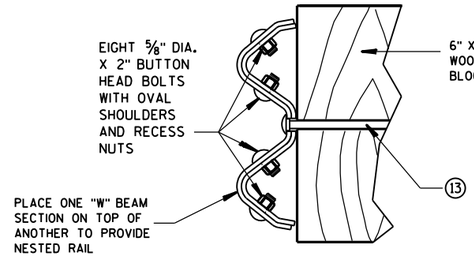
FRONT VIEW

POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST



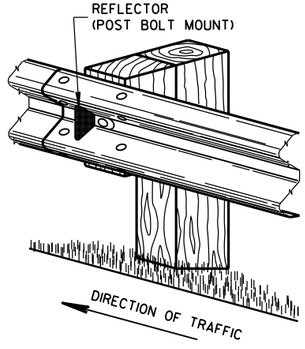
NESTED W BEAM (NW)

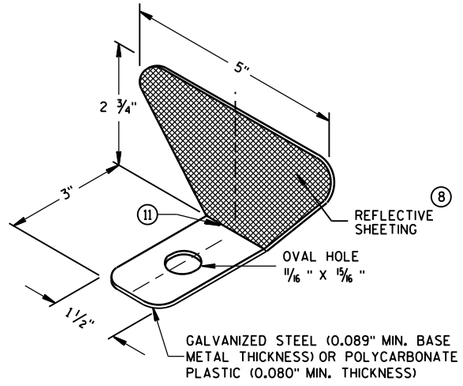
USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

REFLECTOR SPACING (9)

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 (10)	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2 (11)	3
	> 200'	100' C-C	2	



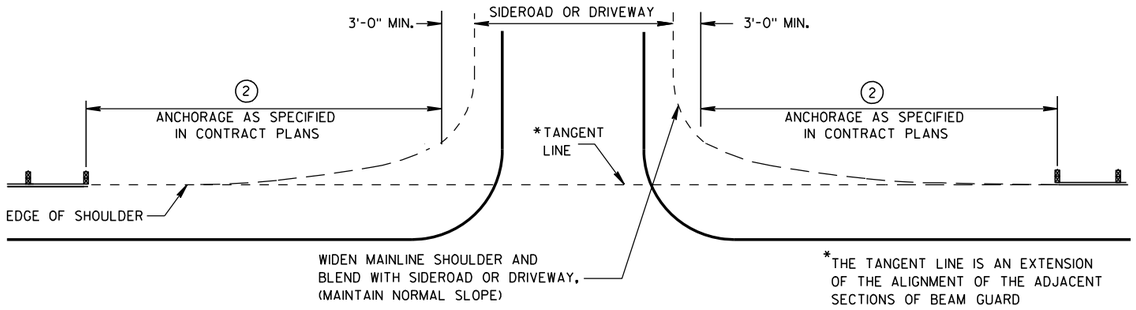


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION (8)

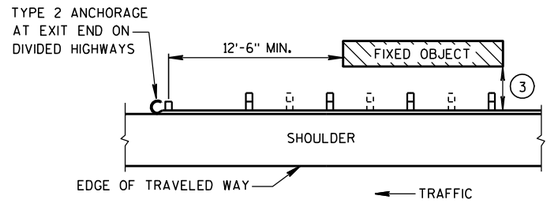
STEEL PLATE BEAM GUARD,
CLASS "A",
INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

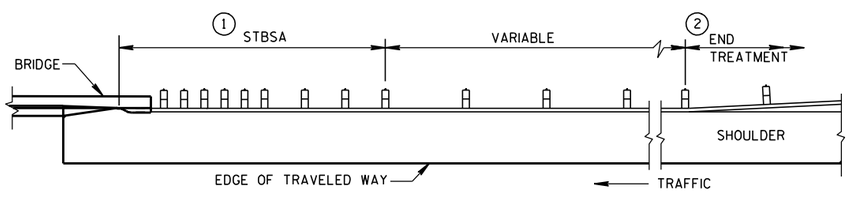
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S.D.D. 14 B 15-8b



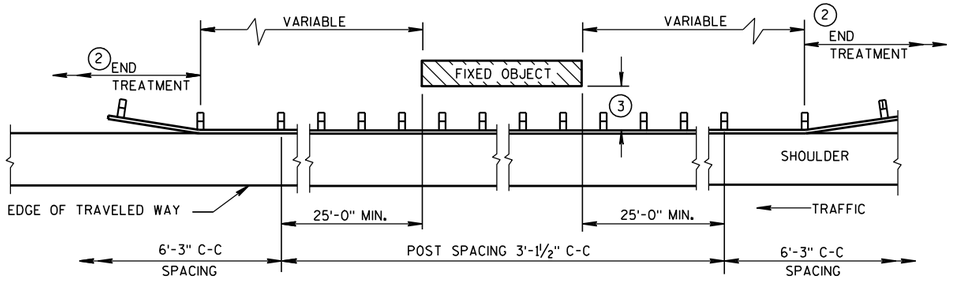
BEAM GUARD AT SIDEROADS OR DRIVEWAYS



BEAM GUARD AT OBSTACLES EXIT END - ONE WAY TRAFFIC

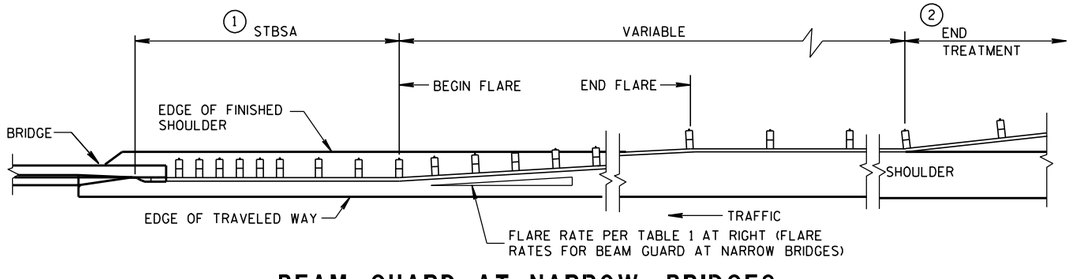


BEAM GUARD AT FULL WIDTH BRIDGES



BEAM GUARD AT OBSTACLES - TWO WAY TRAFFIC

(RAIL TO OBSTACLE CLEARANCE 3'-6" TO 4'-6")



BEAM GUARD AT NARROW BRIDGES

(FLARED TO SHOULDER EDGE, THEN PARALLEL TO ROADWAY)

TABLE 1
FLARE RATES FOR BEAM GUARD AT NARROW BRIDGES

POSTED SPEED (MPH)	FLARE RATE
25	13:1
30	15:1
35	16:1
40	18:1
45	21:1
50	24:1
55	26:1
65	30:1

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PERTINENT STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

W6 X 9 OR W6 X 8.5 STEEL POSTS WITH NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

THE LOCATIONS AND LENGTHS OF BEAM GUARD ARE SHOWN ELSEWHERE IN THE PLAN.

(1) STEEL THRIE BEAM STRUCTURAL APPROACH (STBSA) - SEE CURRENT SDD 14B20.

(2) USE AN APPROVED END TREATMENT FOR THE TRAFFIC APPROACH SIDE OF BRIDGE/OBSTACLES. USE TYPE 2 ANCHORAGE ONLY AT THE DOWNSTREAM ENDS OF BEAM GUARD LOCATED ALONG ROADWAYS WITH ONE WAY TRAFFIC.

(3)

MINIMUM LATERAL DISTANCE FROM FACE OF BEAM GUARD TO FIXED OBJECT	POST SPACING
3'-6"	3' - 1½"
4'-6"	6' - 3"

STEEL PLATE BEAM GUARD CLASS "A" AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8-21-07
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 14 B 18-6a

GENERAL NOTES

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

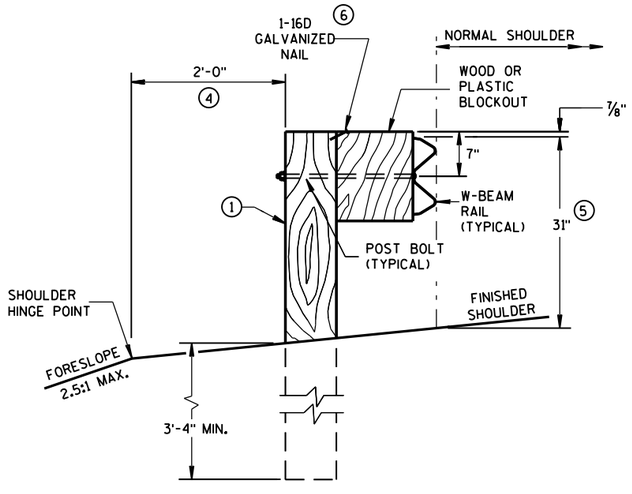
(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

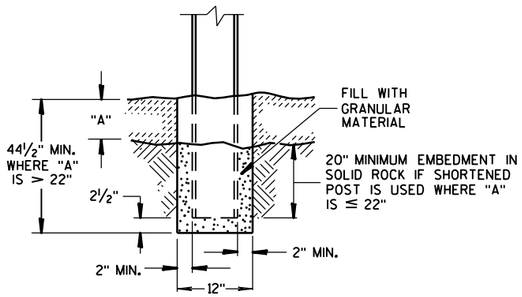
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



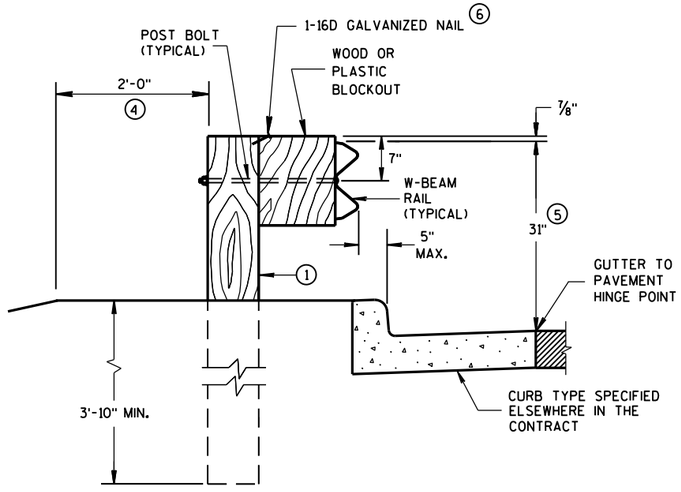
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



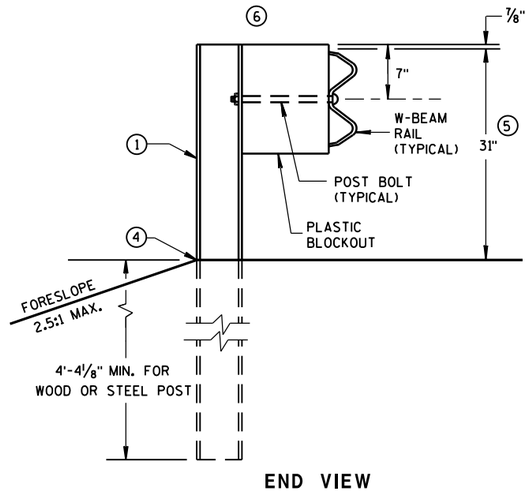
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (3)



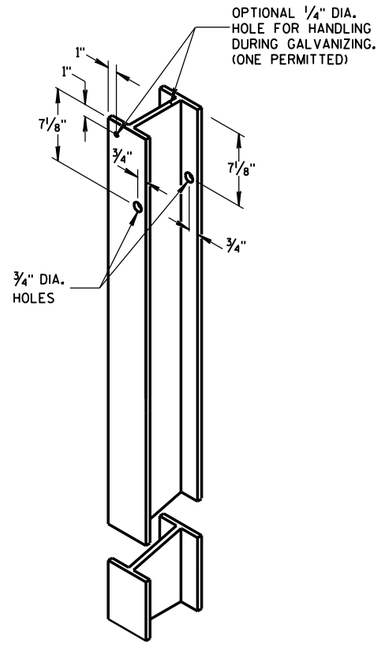
END VIEW

LOCATED ALONG A CURBED ROADWAY

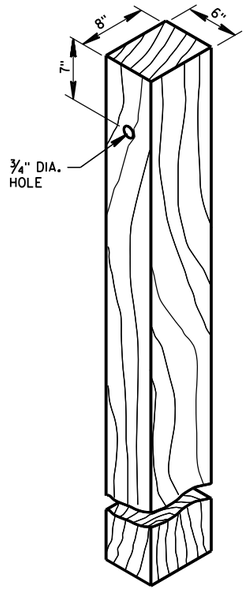


END VIEW

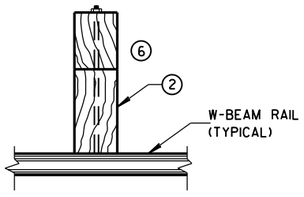
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



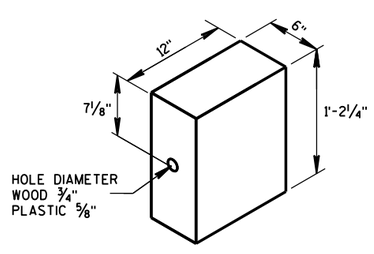
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) (1)



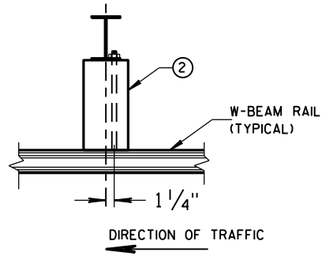
WOOD POST
(6" X 8") NOMINAL (1)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT (2)



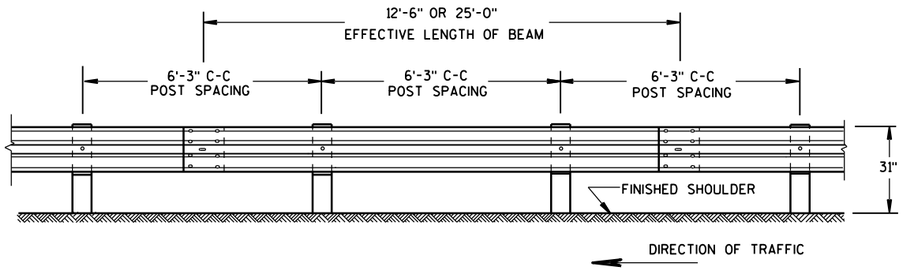
PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

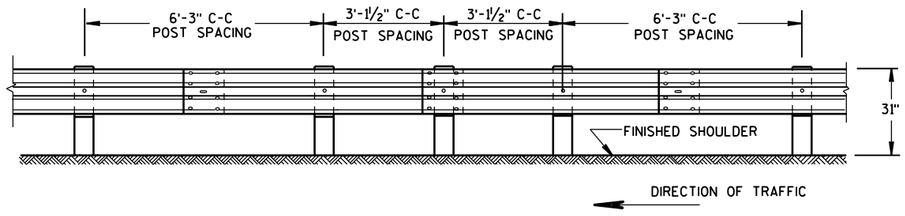
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S.D.D. 14 B 42-3a



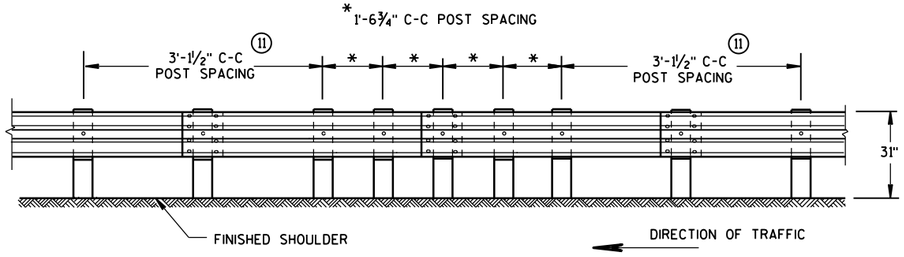
FRONT VIEW

POST SPACING STANDARD INSTALLATION



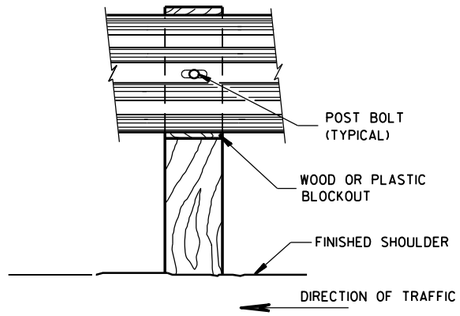
FRONT VIEW

HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

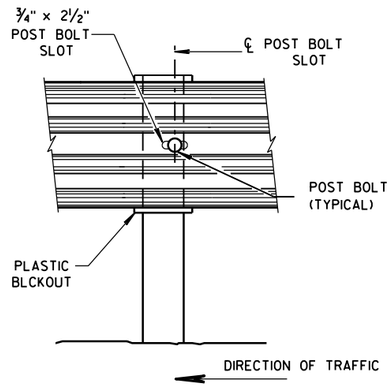


FRONT VIEW

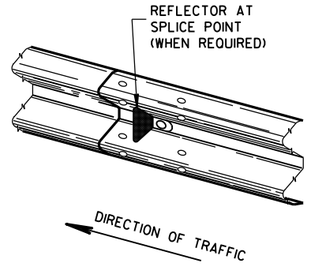
QUARTER POST SPACING (QS)

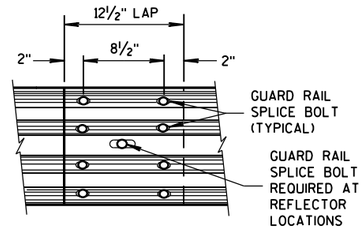


FRONT VIEW AT WOOD POST



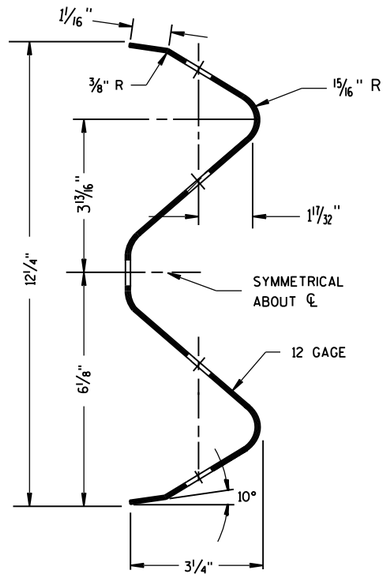
FRONT VIEW AT STEEL POST



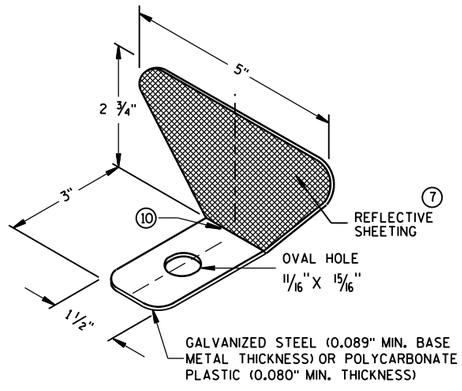


FRONT VIEW

MID-SPAN BEAM SPLICE



SECTION THRU W-BEAM RAIL



GENERAL NOTES

⑦ PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

⑨ REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

⑩ PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

⑪ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

REFLECTOR SPACING ⑧

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 ⑨	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2	3
	> 200'	100' C-C	2 ⑩	

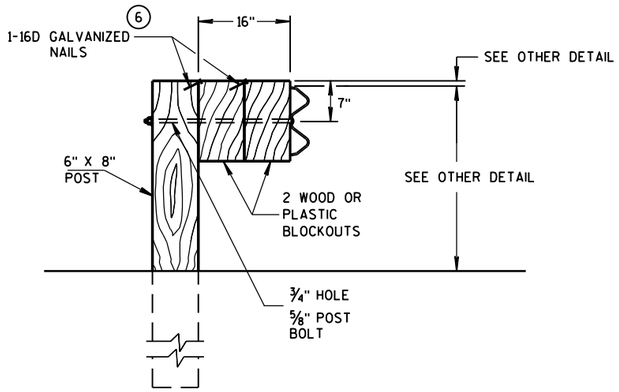
ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION ⑦

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

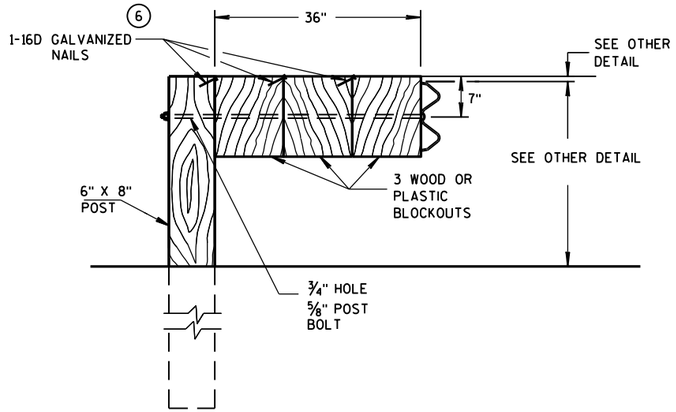
6

S.D.D. 14 B 42-3b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

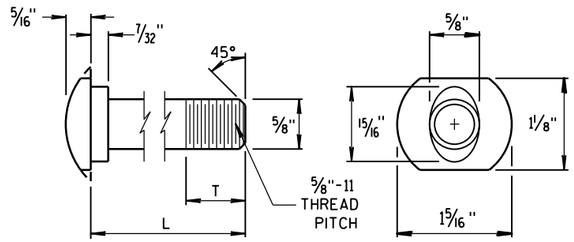


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

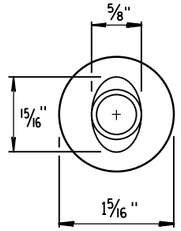
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

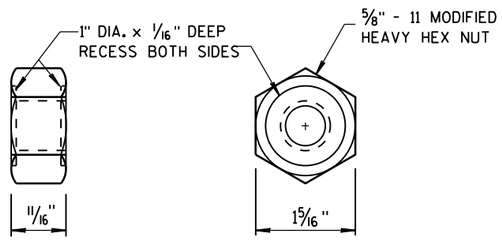


POST BOLT TABLE

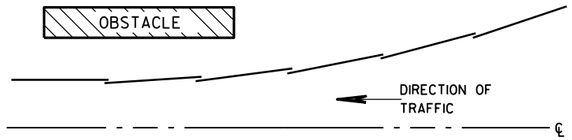
L	T (MIN.)
1¼"	1⅛"
2"	1¾"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

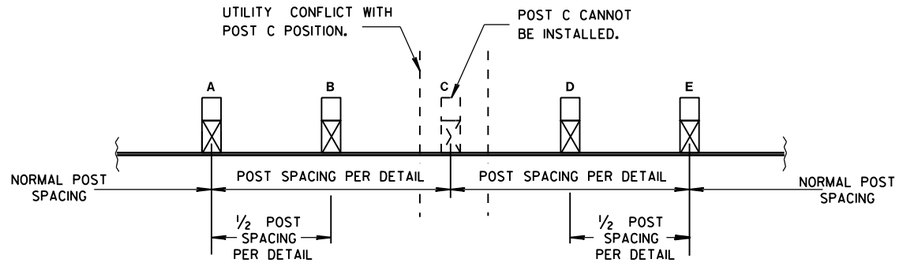


POST BOLT AND RECESS NUT

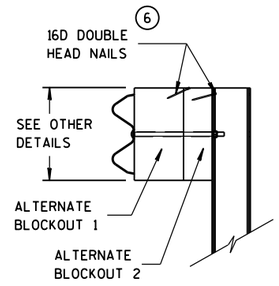


PLAN VIEW

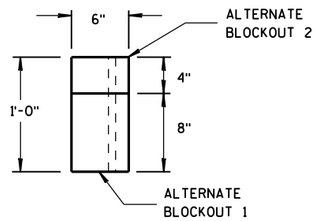
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

6

S.D.D. 14 B 42-3c

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(D) THE TOP OF THE STEEL TUBE ON POST 1 AND POST 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(G) ½" DIAMETER X 3" LONG LAG BOLT AND WASHER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

(I) DIMENSIONS MAY VARY. SEE MANUFACTURE'S INFORMATION.

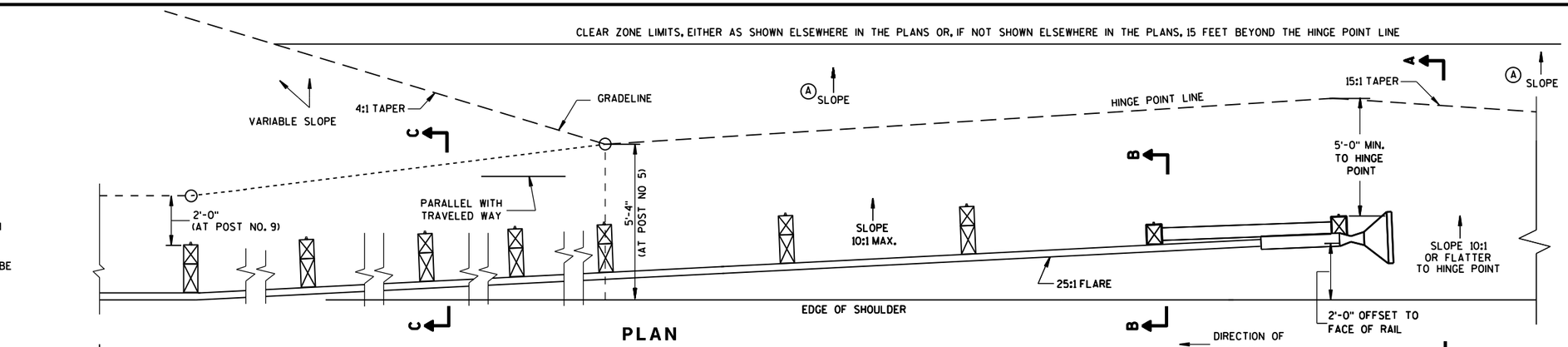
SEE SDD 14B42 FOR MORE INFORMATION.

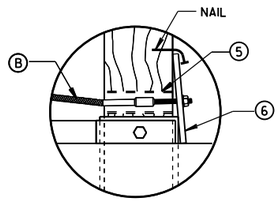
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

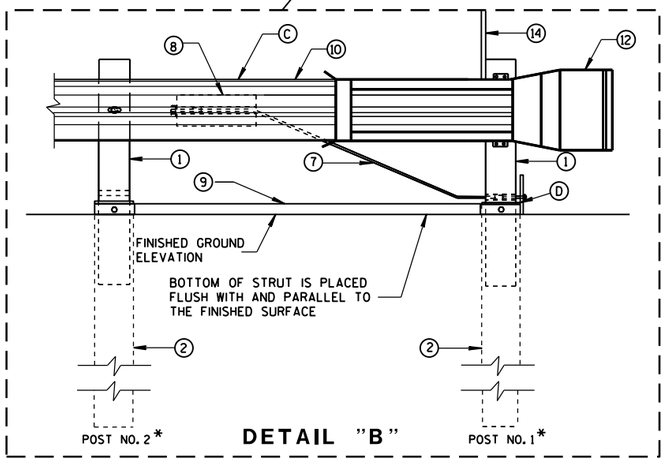
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

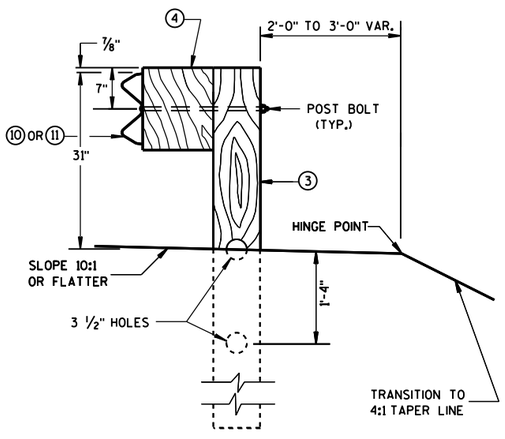
W-BEAM RAIL SPLICES ARE LOCATED AT POST NUMBER 3, AND BETWEEN POST 5 AND 6, BETWEEN POSTS 7 AND 8, AND MIDDLE OF THE SPAN AFTER POST 9.

THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.

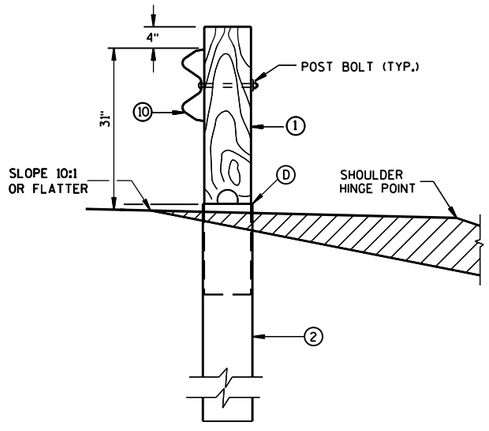




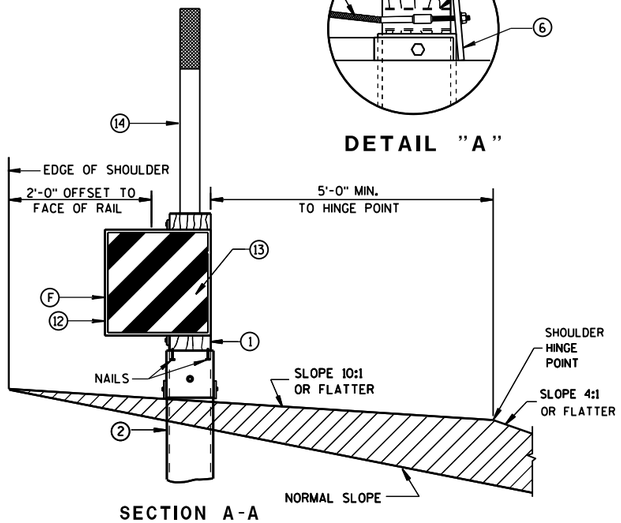




SECTION C-C
TYPICAL AT POST NOS. 3-9



SECTION B-B
TYPICAL AT POST NO. 2*



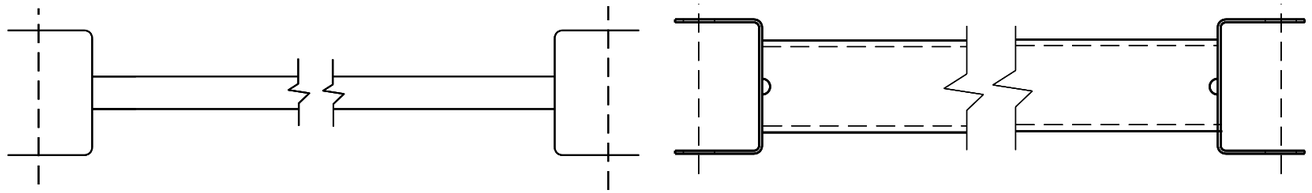
SECTION A-A
TYPICAL AT POST NO. 1*

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

S.D.D. 14 B 44-2a

S.D.D. 14 B 44-2a

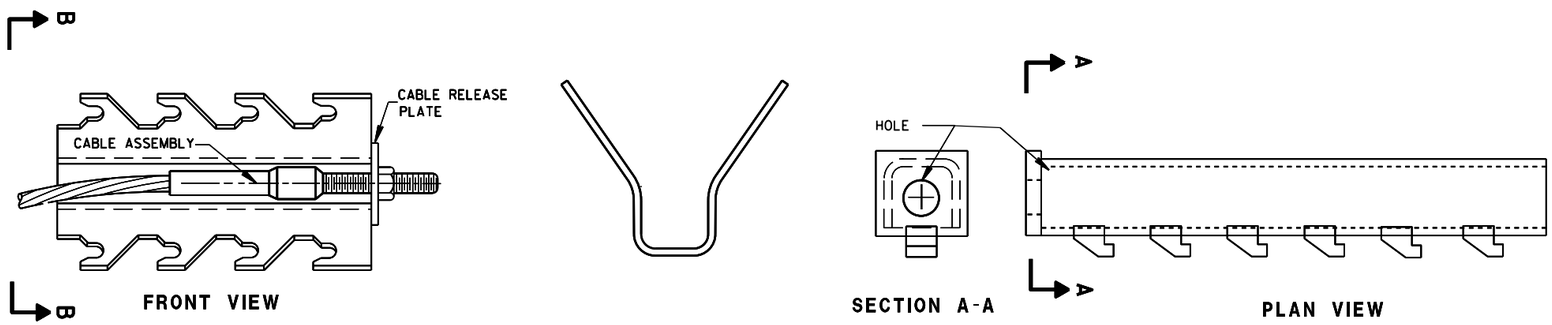


⑨ Ⓗ

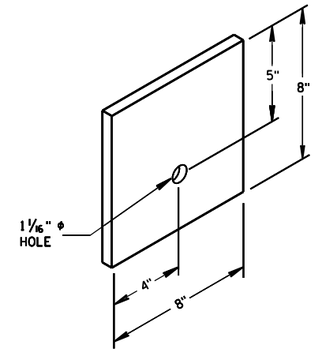
GENERIC GROUND STRUT

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
①	WOOD BREAKAWAY POST
②	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1 AND 2
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	END SECTION EAT
⑬	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
⑭	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



GENERIC ANCHOR CABLE BOX ⑧ Ⓗ



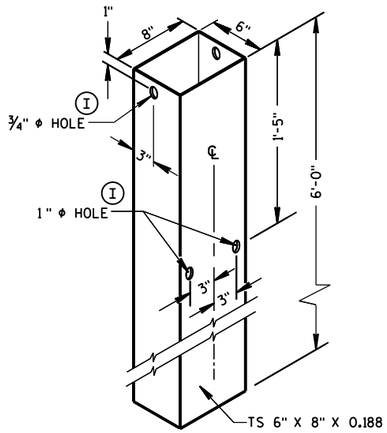
BEARING PLATE ⑥

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

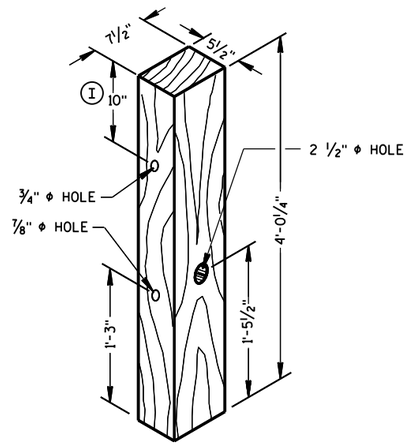
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 44-2b

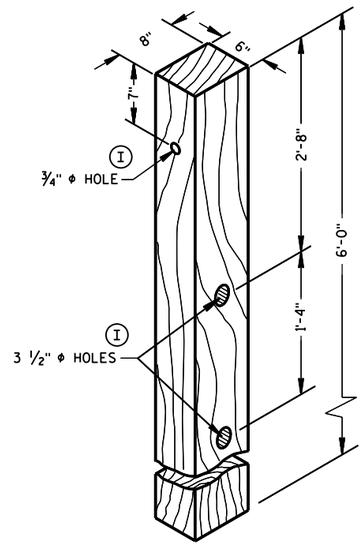


FOUNDATION TUBE (2)



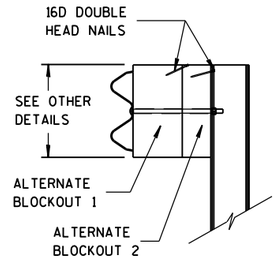
POSTS NUMBER 1 AND 2

WOOD BREAKAWAY POST (1)

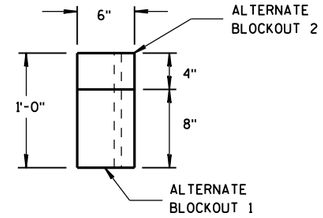


POSTS NUMBER 3-9

WOOD CRT POST (3)

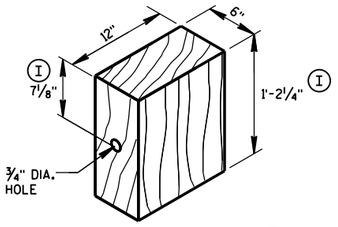


SIDE VIEW



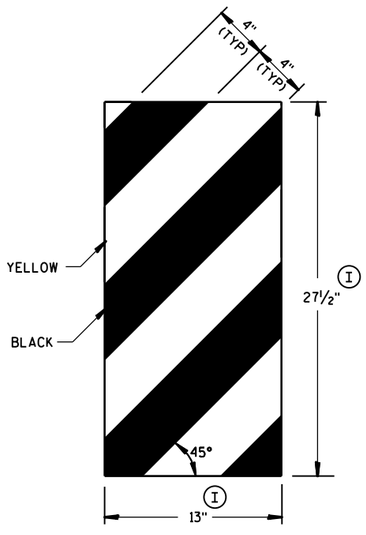
TOP VIEW

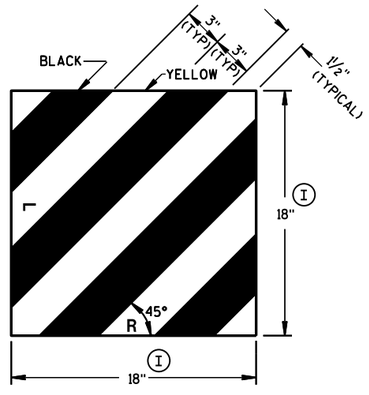
ALTERNATE WOOD BLOCKOUT DETAIL



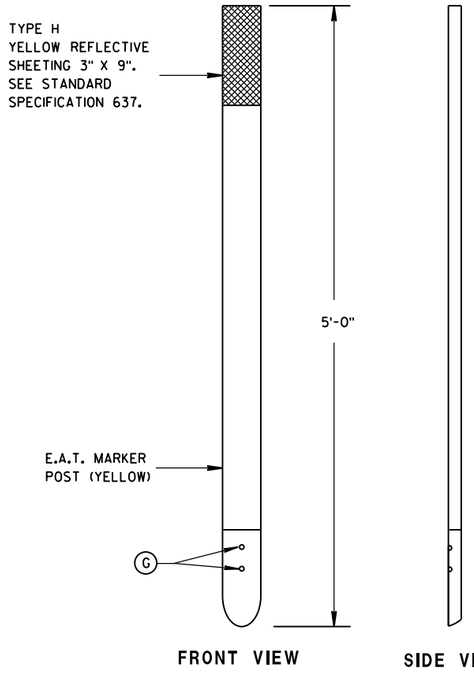
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2





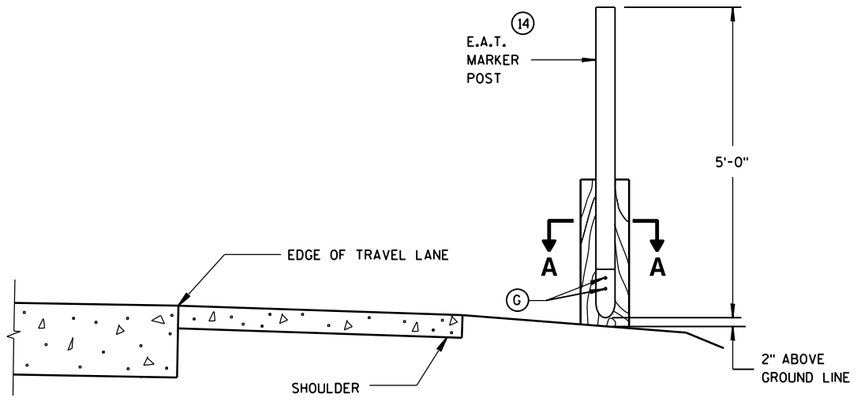
GENERIC REFLECTIVE SHEETING (13) (H)



FRONT VIEW

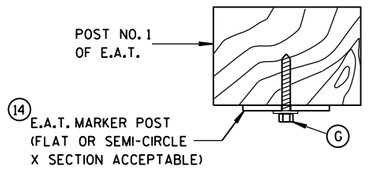
SIDE VIEW

E.A.T. MARKER POST (14)



TYPICAL INSTALLATION OF E.A.T. MARKER POST BACKSIDE OF POST NO. 1

(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

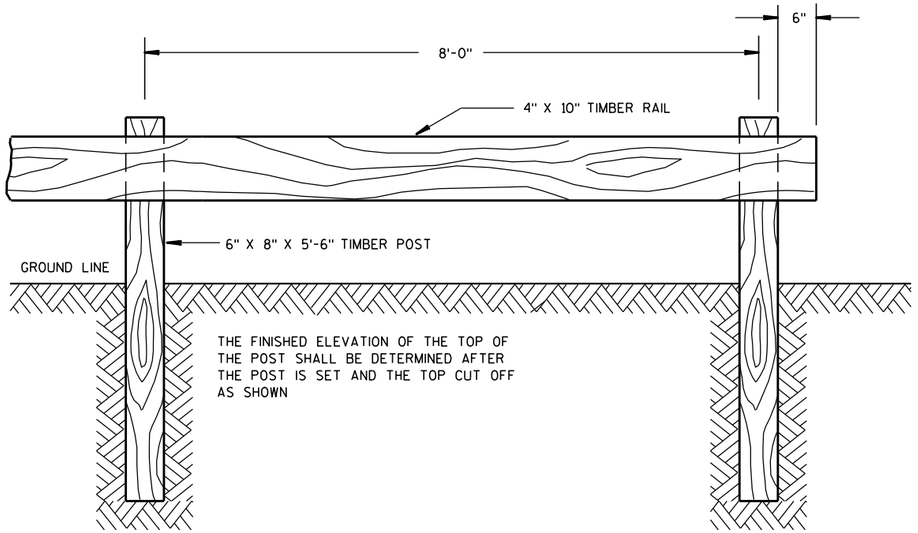
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

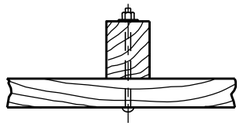
APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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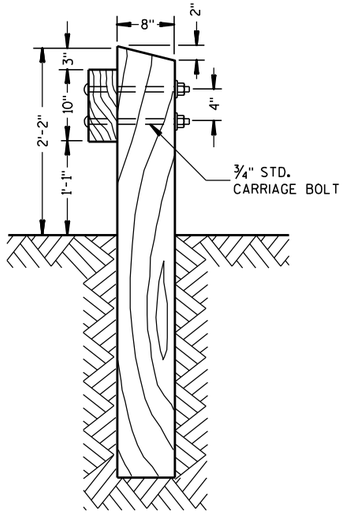
S.D.D. 14 B 44-2c



FRONT VIEW



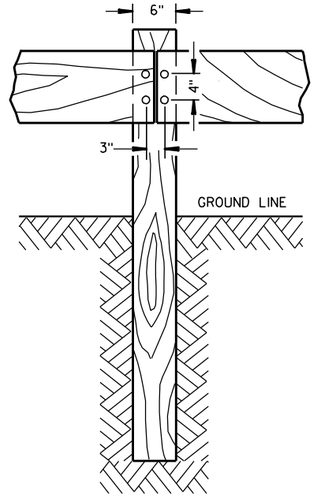
TOP VIEW



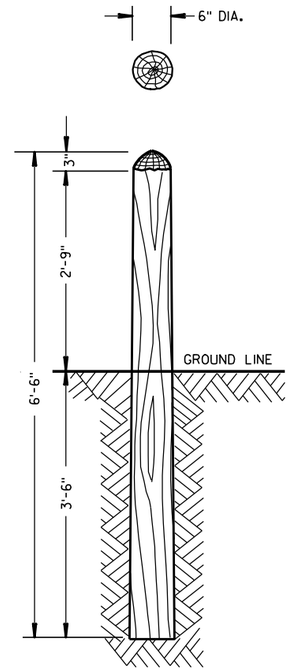
SIDE VIEW

TIMBER RAIL GUARD FENCE

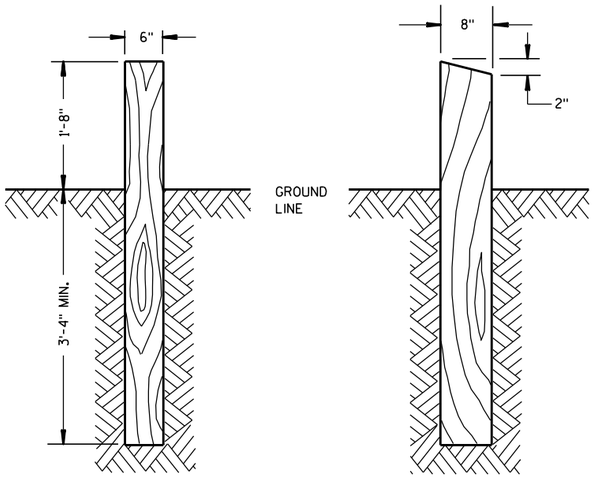
(PARKING LOT PROTECTION)



SPLICE POST



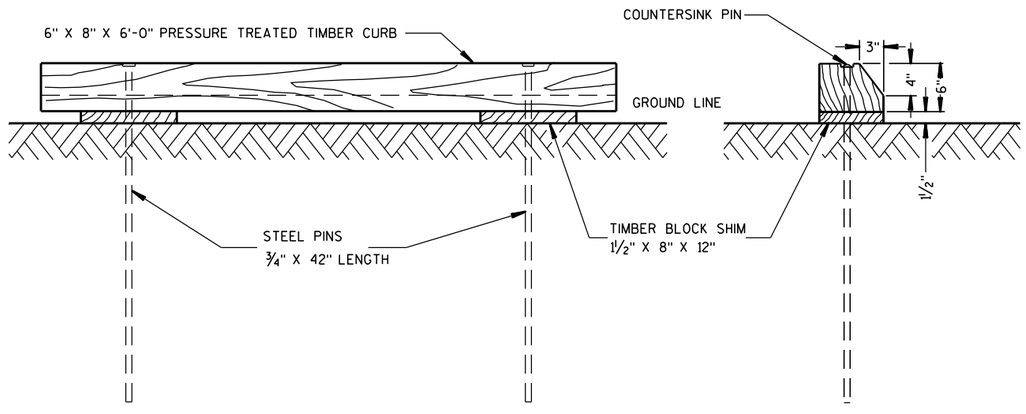
RUSTIC MARKER POST



FRONT VIEW SIDE VIEW

TIMBER GUARD POST

(REQUIREMENTS SHALL BE THE SAME AS POSTS FOR TIMBER RAIL GUARD FENCE)



FRONT VIEW END VIEW

TREATED TIMBER CURB

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS. ALL POST AND RAIL DIMENSIONS ARE NOMINAL DIMENSIONS.

TIMBER POSTS, RAILS AND MARKER POSTS

THE GALVANIZING OR CADMIUM PLATING OF HARDWARE WILL NOT BE REQUIRED.

POSTS WHEN UNTREATED SHALL BE PAINTED WITH TWO COATS OF BROWN WOOD STAIN CONFORMING TO THE REQUIREMENTS OF THE APPLICABLE STANDARD SPECIFICATIONS. TOPS OF POSTS, IF TREATED, SHALL BE PAINTED WITH TWO COATS OF CREOSOTE AFTER ERECTION. IF UNTREATED POST ARE USED, PAINT TOPS WITH TWO COATS OF PRESERATIVE WOOD STAIN AFTER ERECTION.

TIMBER RAIL GUARD FENCE, CURB AND GUARD POST AND MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

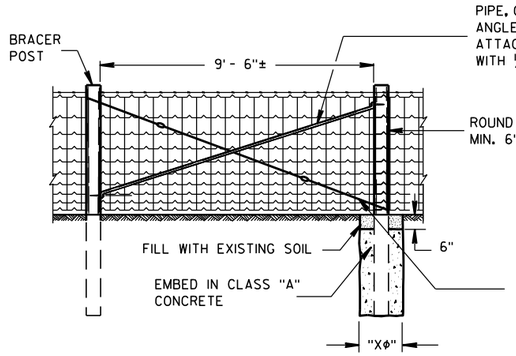
APPROVED
4/23/1974 DATE
/S/ H. Fiedler
STATE HIGHWAY ENGINEER
FHWA

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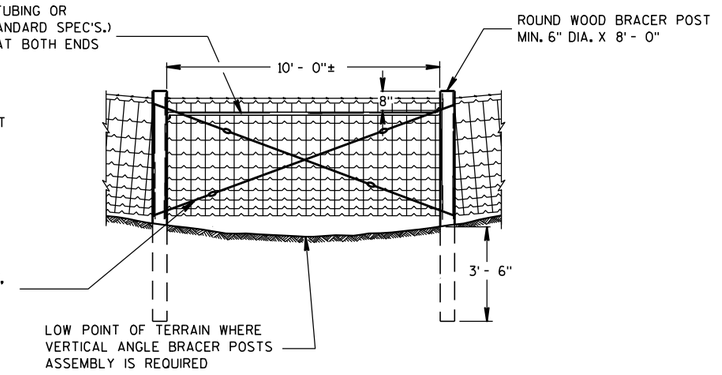
S.D.D. 14 C 1-2

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY



VERTICAL ANGLE BRACER POSTS ASSEMBLY

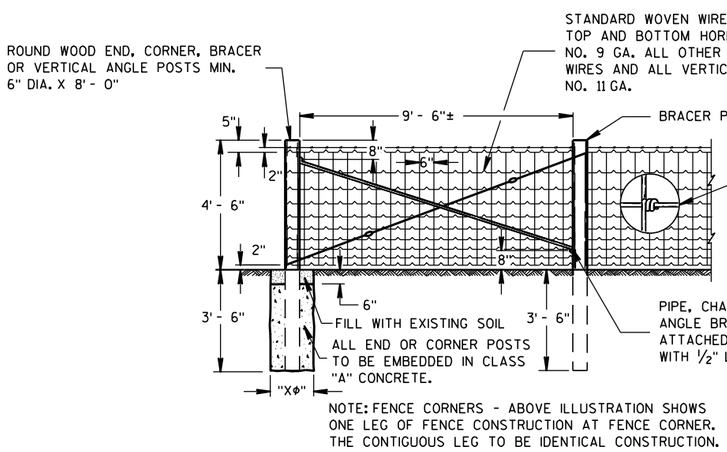
GENERAL NOTES

"XΦ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

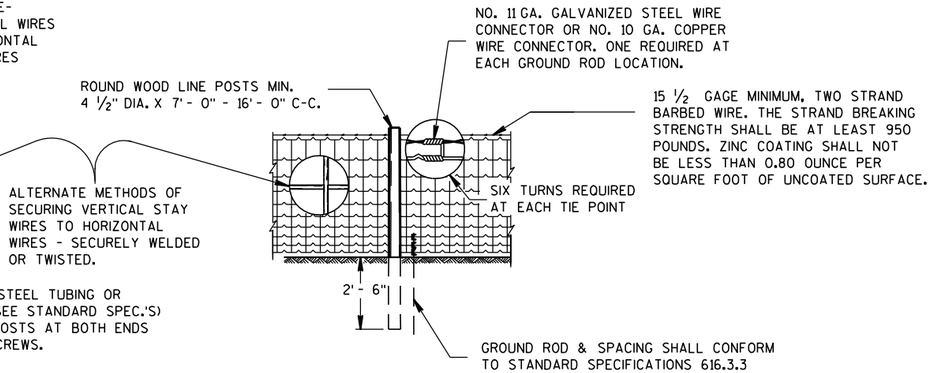
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.



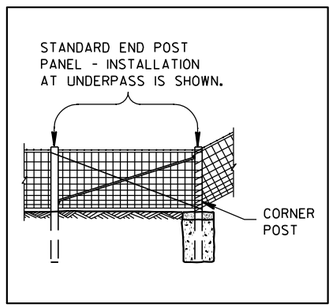
NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY

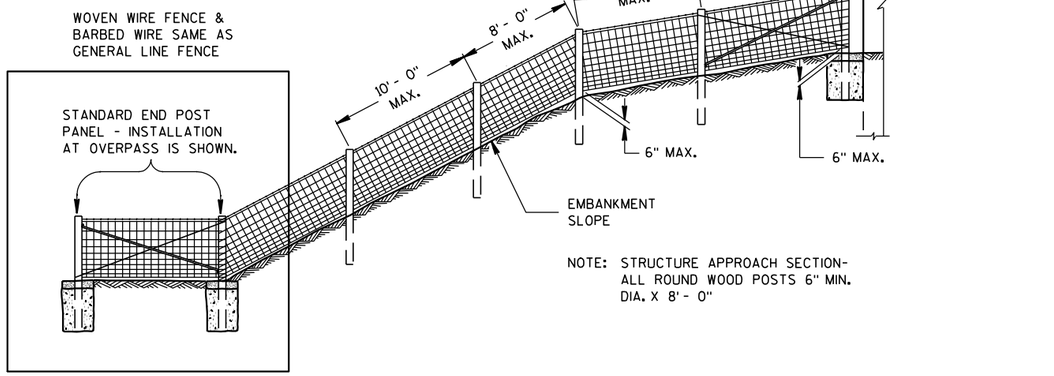


LINE FENCE CONSTRUCTION

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



NOTE: STRUCTURE APPROACH SECTION- ALL ROUND WOOD POSTS 6" MIN. DIA. X 8' - 0"

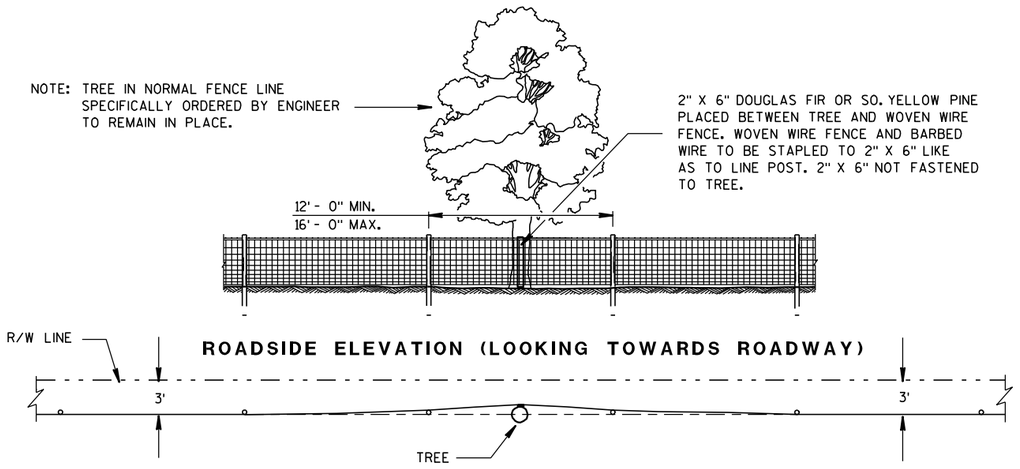
FENCE DESIGN AT STRUCTURE APPROACH

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

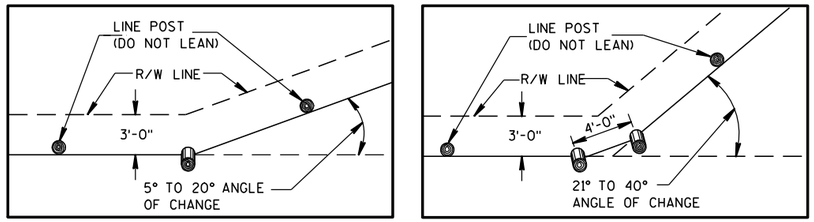
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S.D.D. 15 B 1-8a



PLAN VIEW

FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



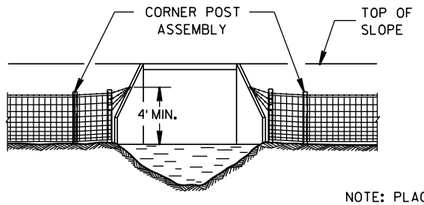
PLAN VIEW
SINGLE POST CORNER

PLAN VIEW
DOUBLE POST CORNER

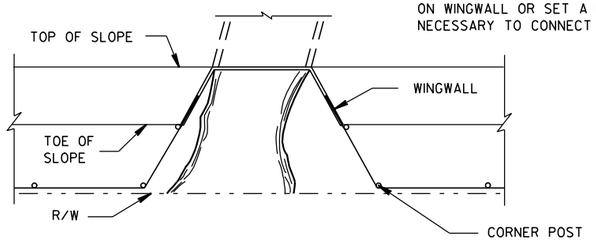
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

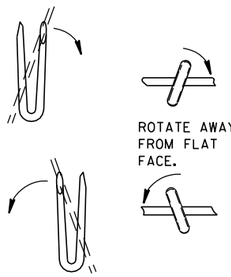
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



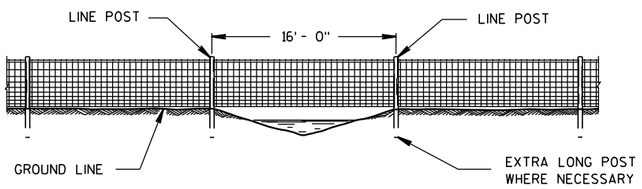
NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.



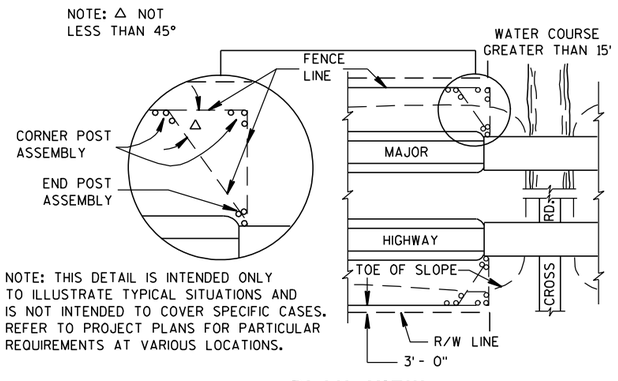
FENCE INSTALLATION TO WINGWALLS



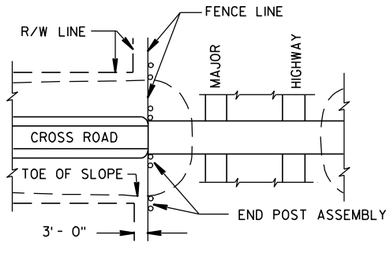
LINE POST



FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH

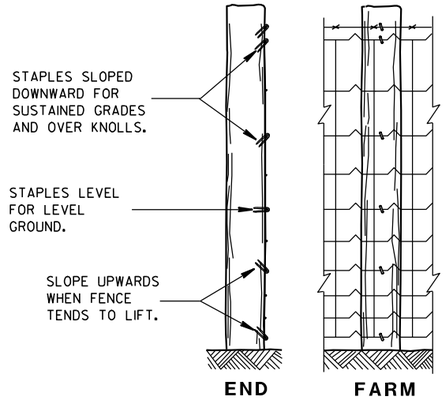


PLAN VIEW
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



PLAN VIEW
MAJOR HIGHWAY UNDERPASS

NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



END ELEVATION **FARM SIDE ELEVATION**

FENCE MOUNTING DETAIL

FENCE LOCATION AT STRUCTURES

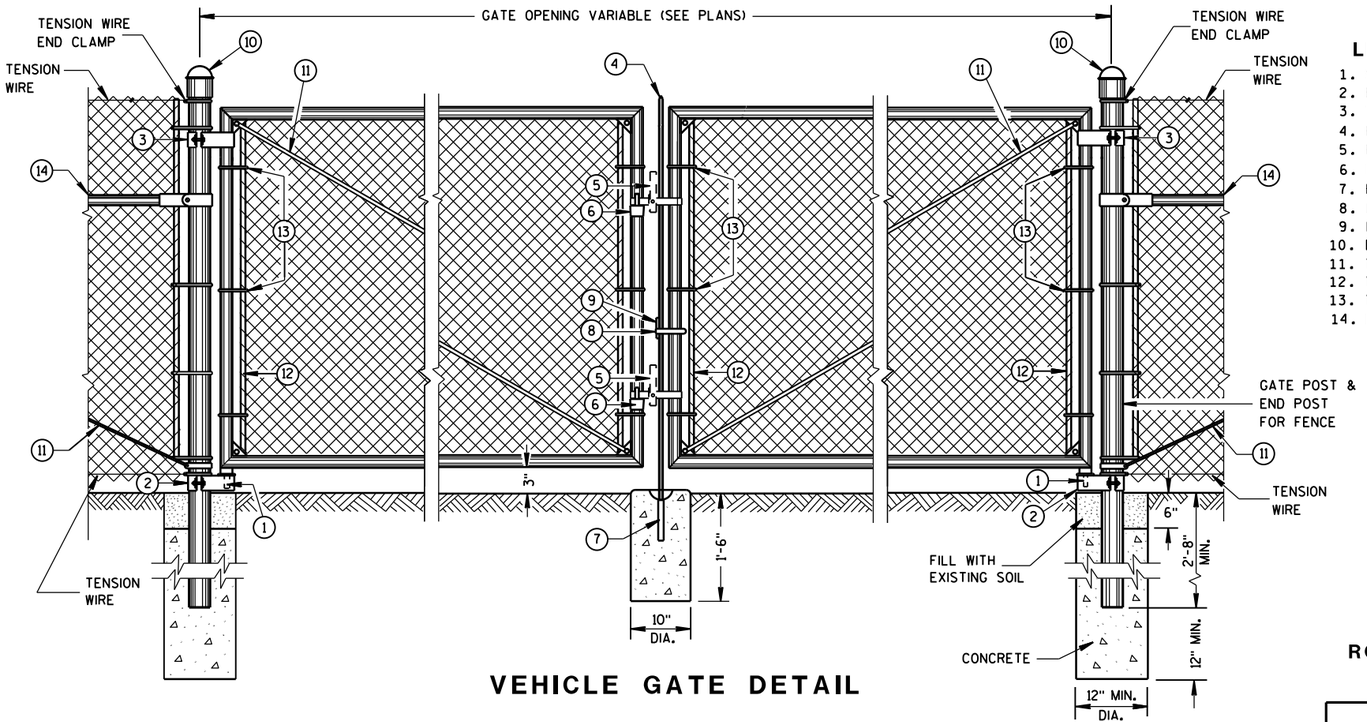
FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

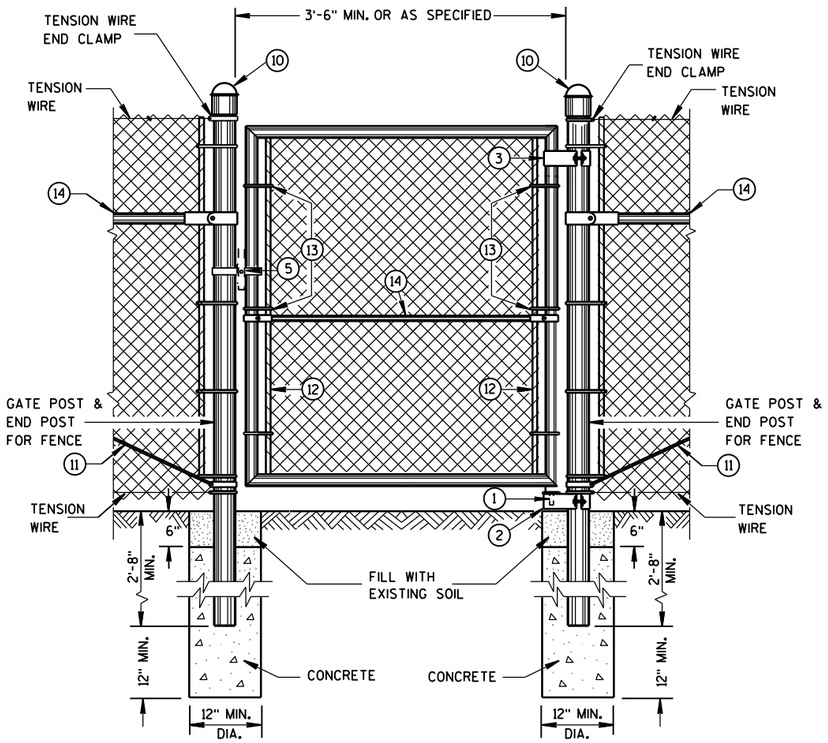
APPROVED
4/4/2008 DATE
/S/ Jerry H. [illegible]
ROADWAY STANDARDS [illegible] ENGINEER
FHWA

6

S.D.D. 15 B 1-8b



VEHICLE GATE DETAIL



PEDESTRIAN GATE DETAIL

LEGEND

1. STRAIGHT PLUG
2. BOTTOM HINGE
3. TOP HINGE
4. PLUNGER ROD
5. FULCRUM LATCH
6. FORK CATCH *
7. PLUNGER ROD CATCH
8. LOCK KEEPER GUIDE
9. LOCK KEEPER
10. DOME TOPS
11. TRUSS RODS
12. TENSION BAR
13. TENSION BANDS
14. BRACE RAIL

*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE

GENERAL NOTES

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

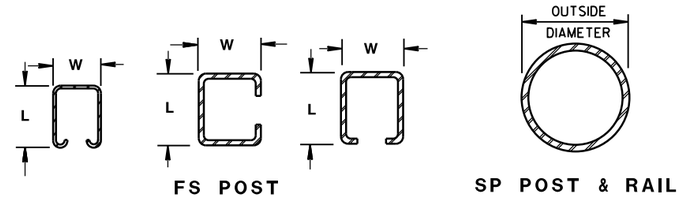
USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE, INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAG FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1% OF THE LEAF GATE WIDTH OR 2 INCHES.

USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A 817.



FS POST — SP POST & RAIL

CROSS SECTIONS OF POSTS AND RAILS

REQUIRED FENCE POST SIZES

USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 8 FT.	SP3
	GREATER THAN OR EQUAL TO 8 FT.	SP4
	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3

BRACE RAIL TYPES

USE		TYPE
BRACE RAIL		SP1 OR FS1

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

ROLLED-FORMED STEEL FENCE POST (2.0 OZ./SQ. FT. COATING)

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS/FT
FS1	1.625	1.25	1.35
FS2†	1.875	1.625	1.850
FS2	1.875	1.625	2.400
FS3	2.250	1.700	2.780

REQUIRED POST SIZE FOR GATES

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

ROUND STEEL FENCE POST (1.8 OZ./SQ. FT. COATING)

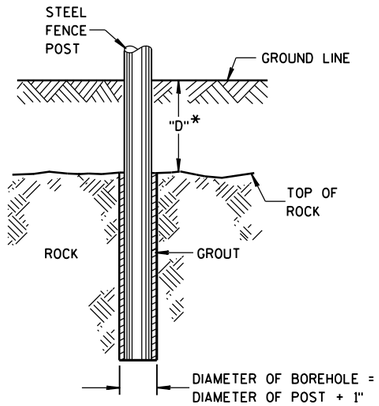
POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS/FT
SP1	1.660	0.140	2.270
SP2	1.900	0.145	2.720
SP3	2.375	0.154	3.650
SP4	2.875	0.203	5.800
SP5	4.000	0.226	9.120
SP6	6.625	0.280	18.990
SP7	8.625	0.322	28.580

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

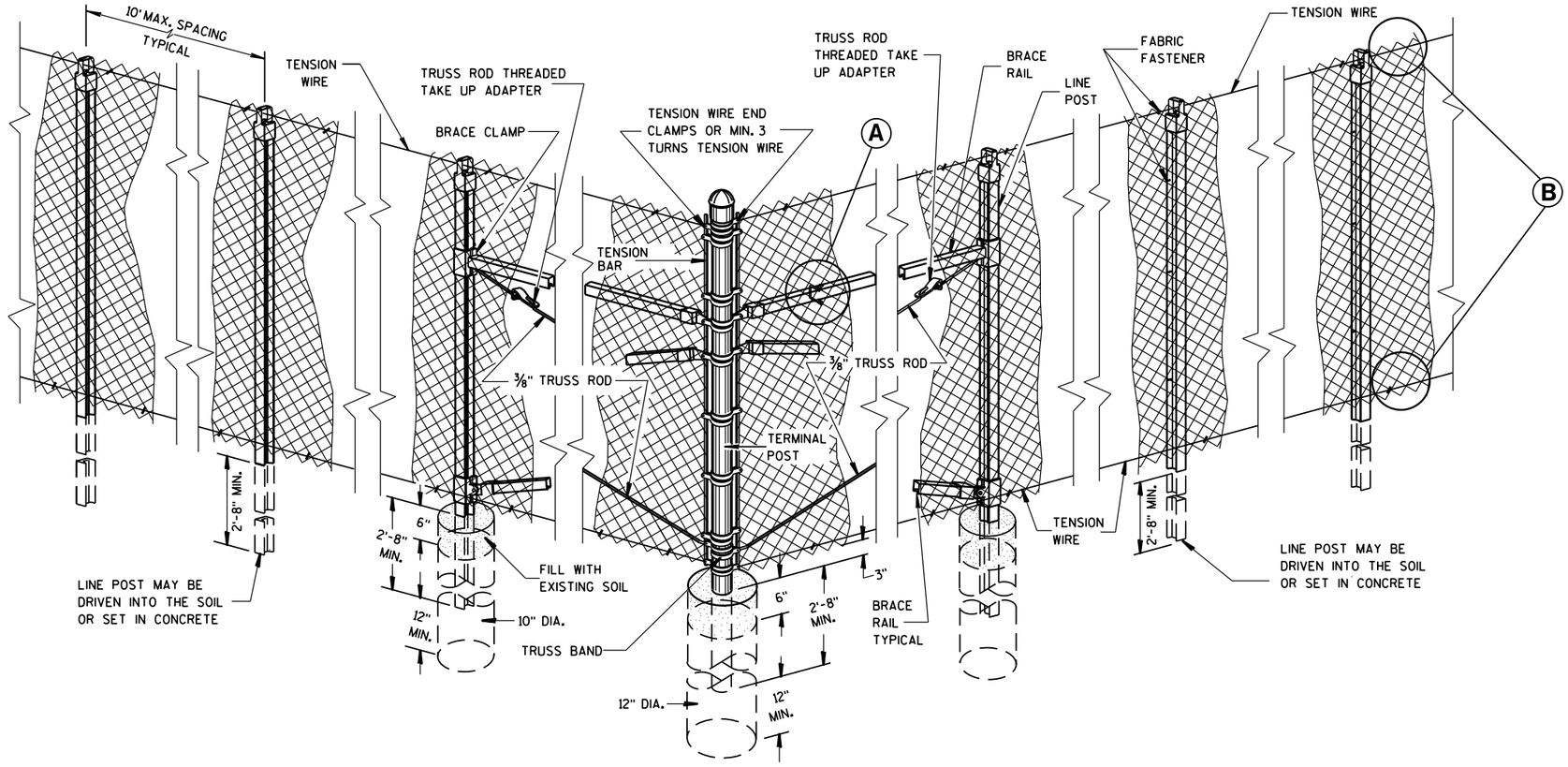
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S.D.D. 15 B 3-15a

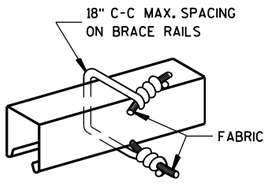


*IF "D" IS LESS THAN 2'-6", DRILL ROCK AND INSTALL GROUT

ROCK INSTALLATION OF LINE POST



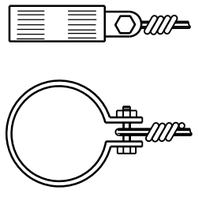
END, CORNER, ANGLE INTERSECTION & INTERMEDIATE BRACED POSTS



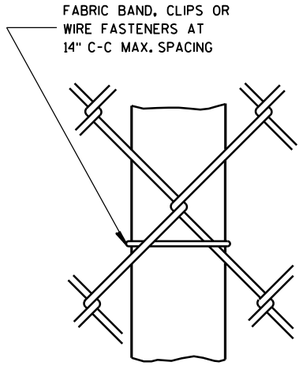
BRACE RAIL

FABRIC FASTENER

Ⓐ



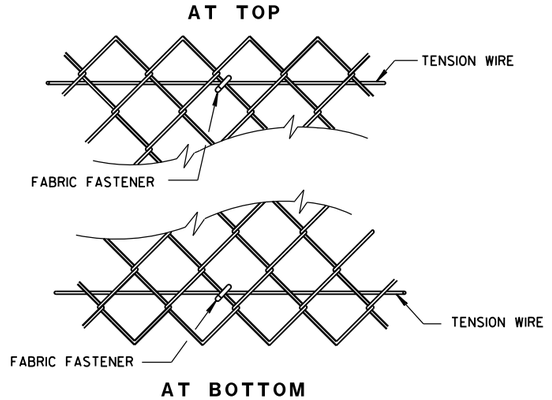
TENSION WIRE END CLAMP



LINE POST

FABRIC FASTENER

AT TOP



AT BOTTOM

SELVAGES

Ⓑ

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
FEB. 2015 DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

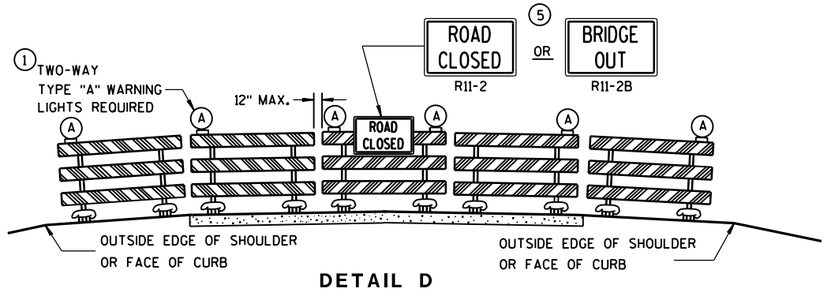
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S.D.D. 15 B 3-15b

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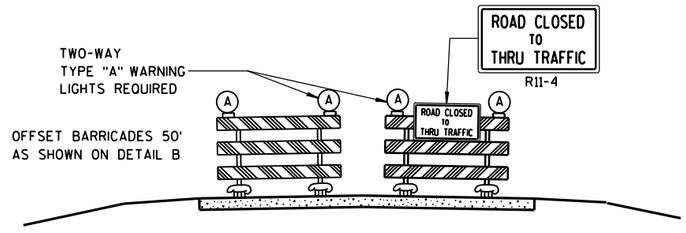
S.D.D. 15 B 3-15b



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 — DATE

/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

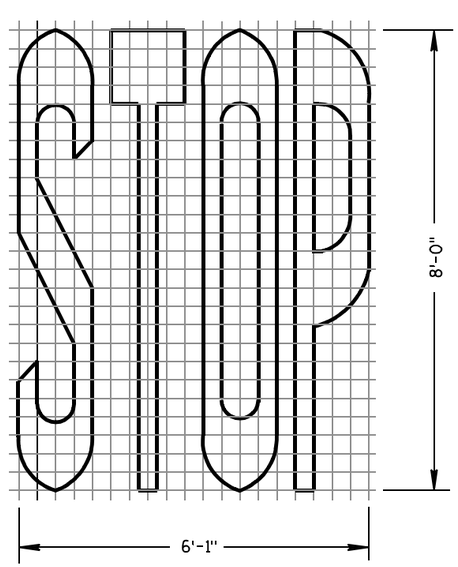
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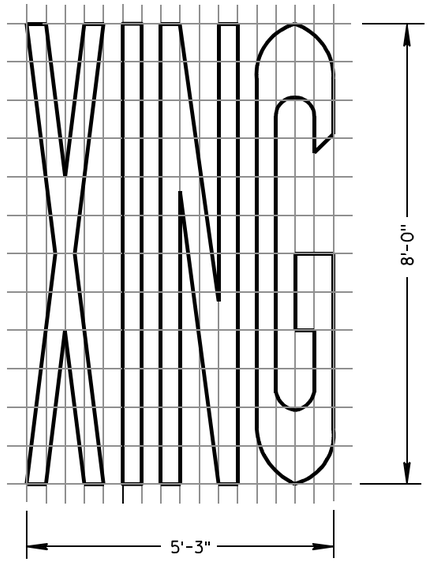
S.D.D. 15 C 2-5b

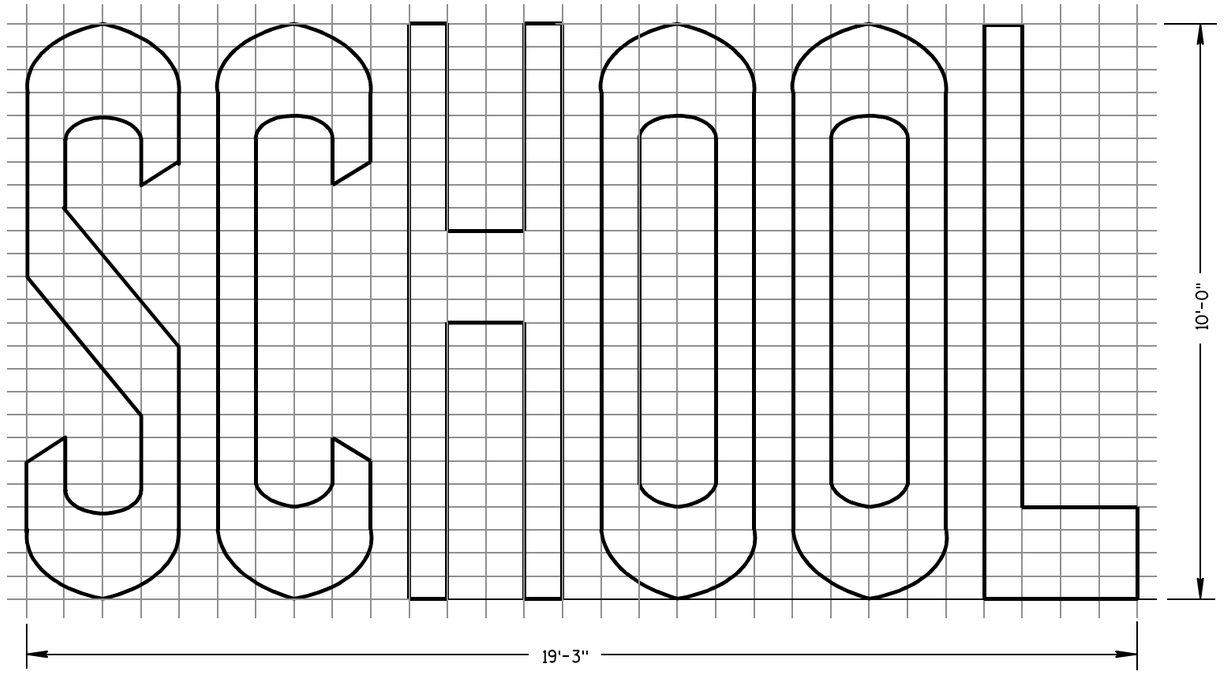
GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

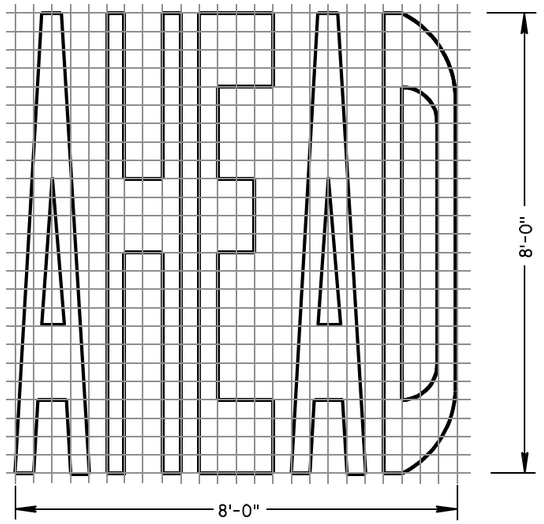
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

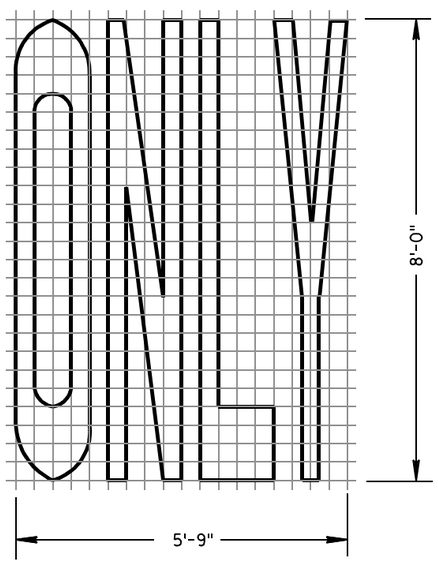


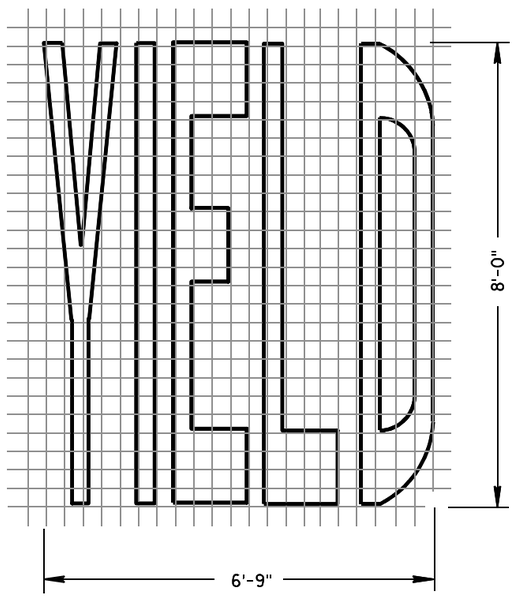


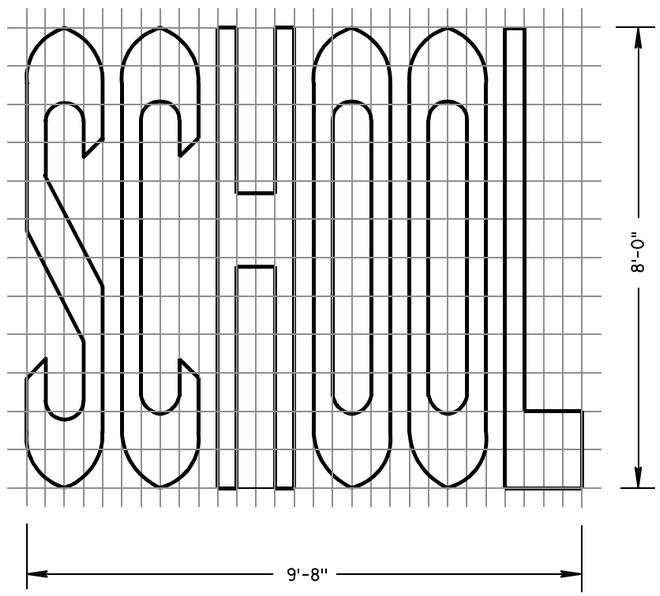


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7-1-11 DATE

/S/ Thomas N. Nothohm
STATE TRAFFIC ENGINEER

475 IGN

FHWA

6

S.D.D. 15 C 7-12b

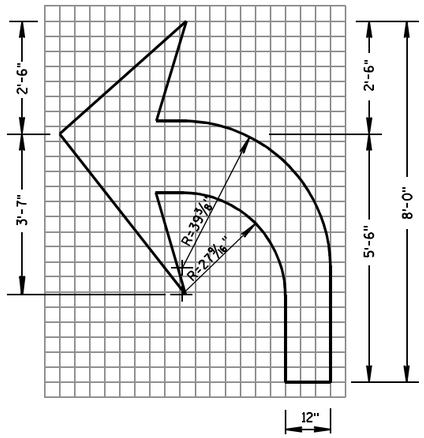
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S.D.D. 15 C 7-12b

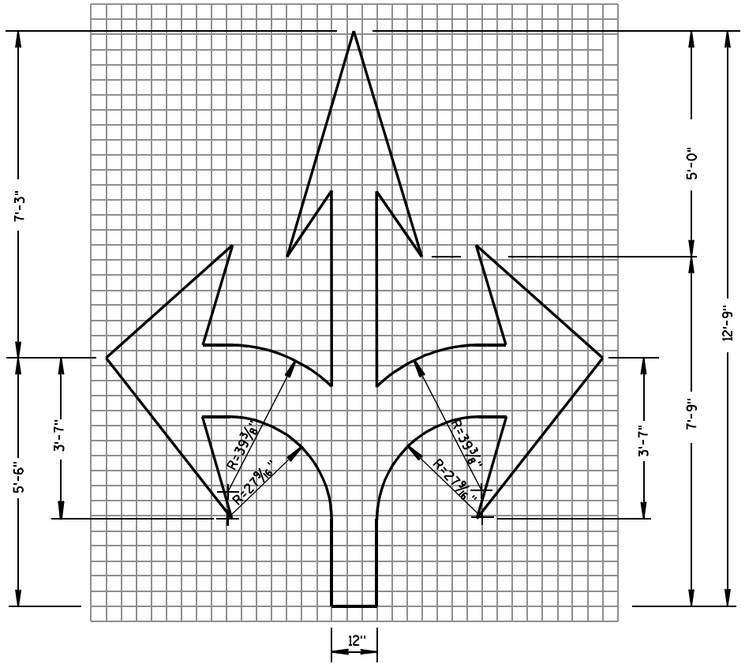
GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

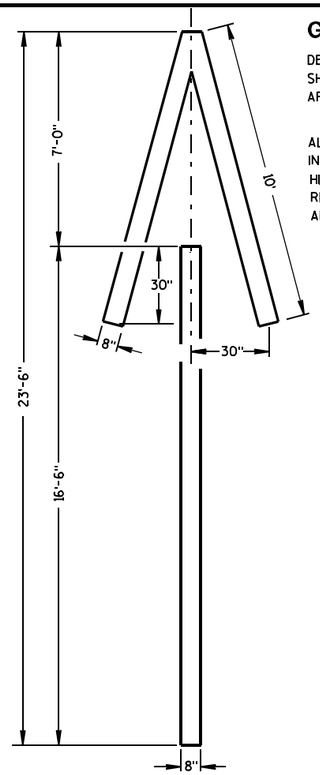
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



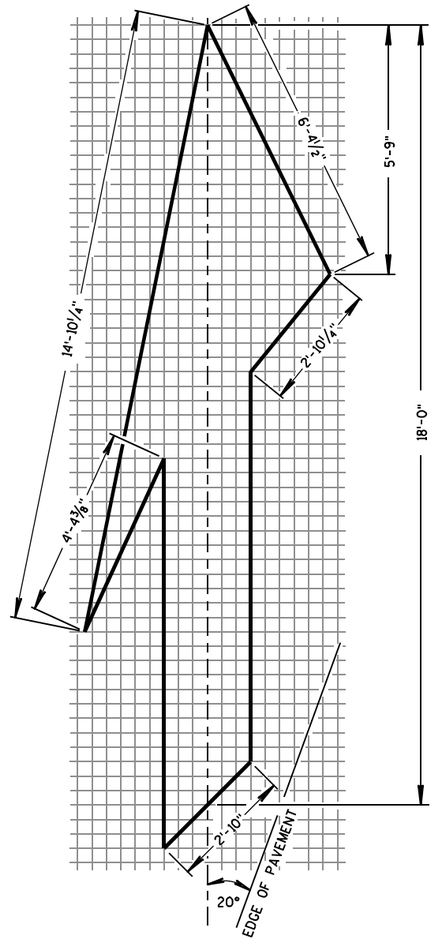
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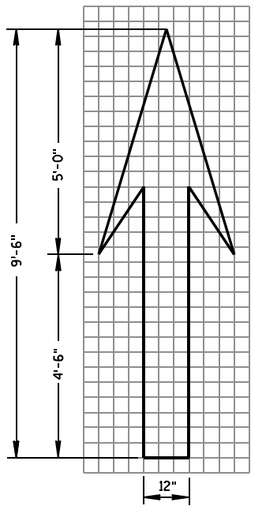
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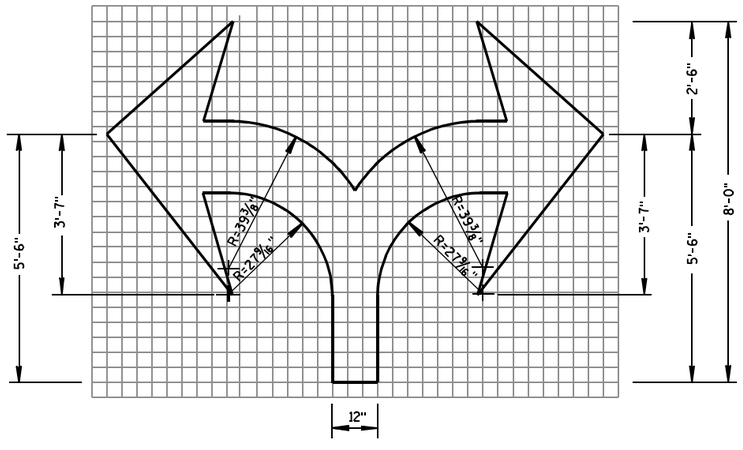
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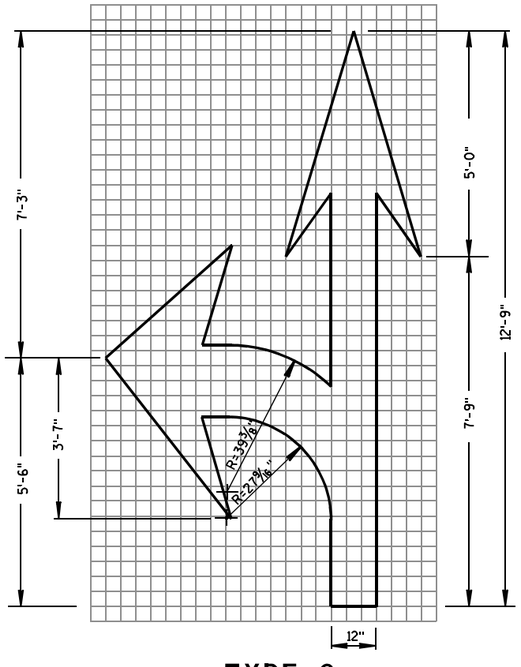
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

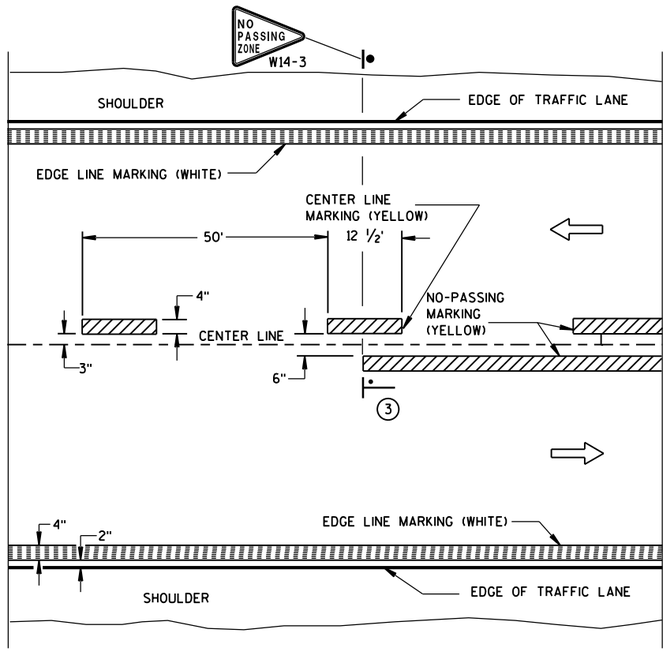
7/1/11 — DATE

/S/ Thomas N. Nothdurft — STATE TRAFFIC ENGINEER

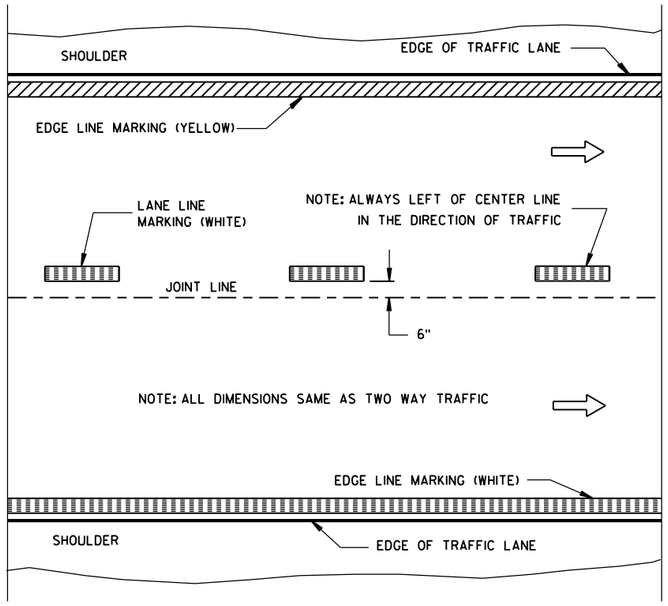
FHWA

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S.D.D. 15 C 7-12c

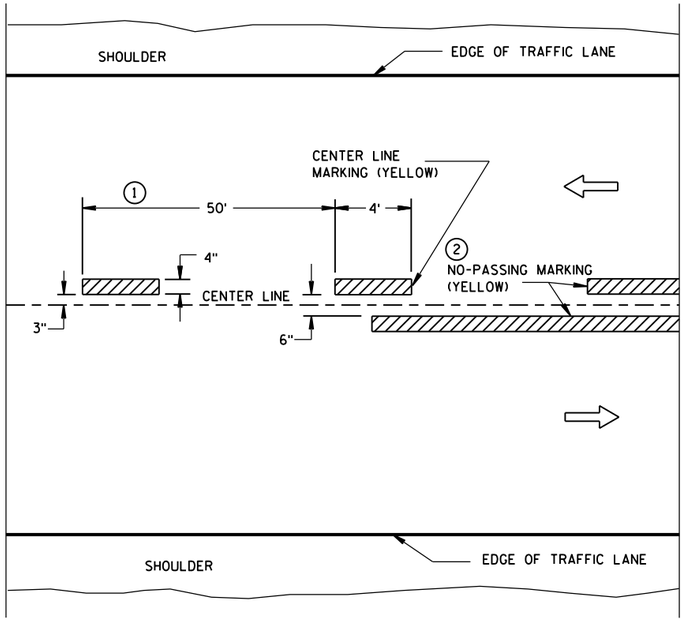


TWO WAY TRAFFIC

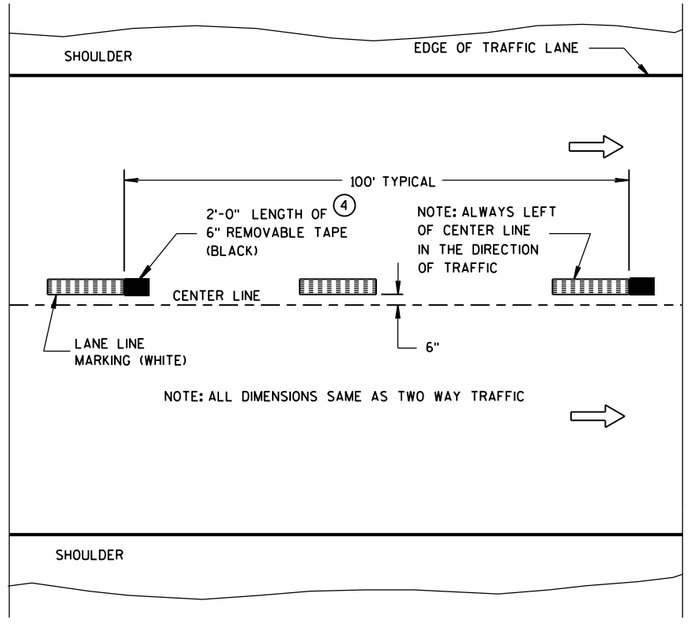


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

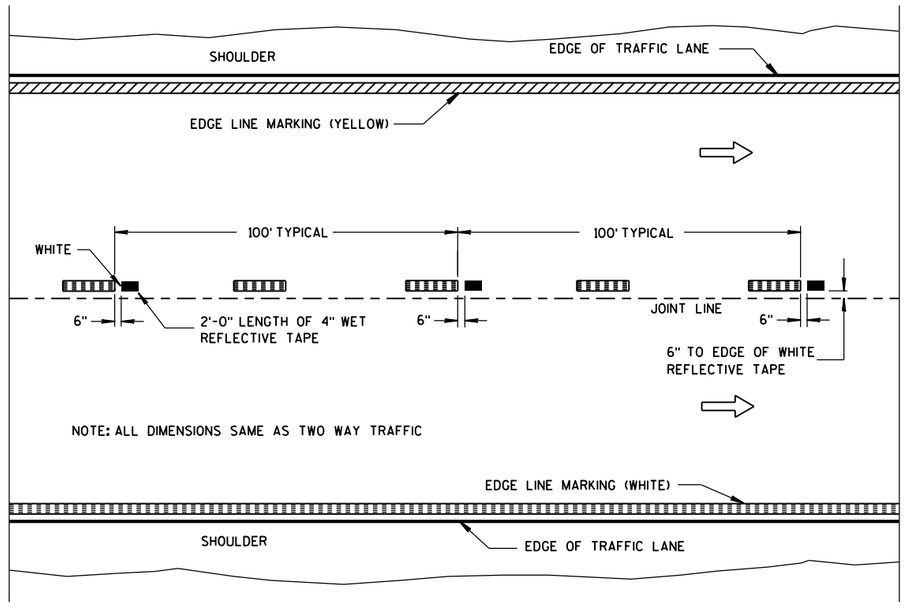
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

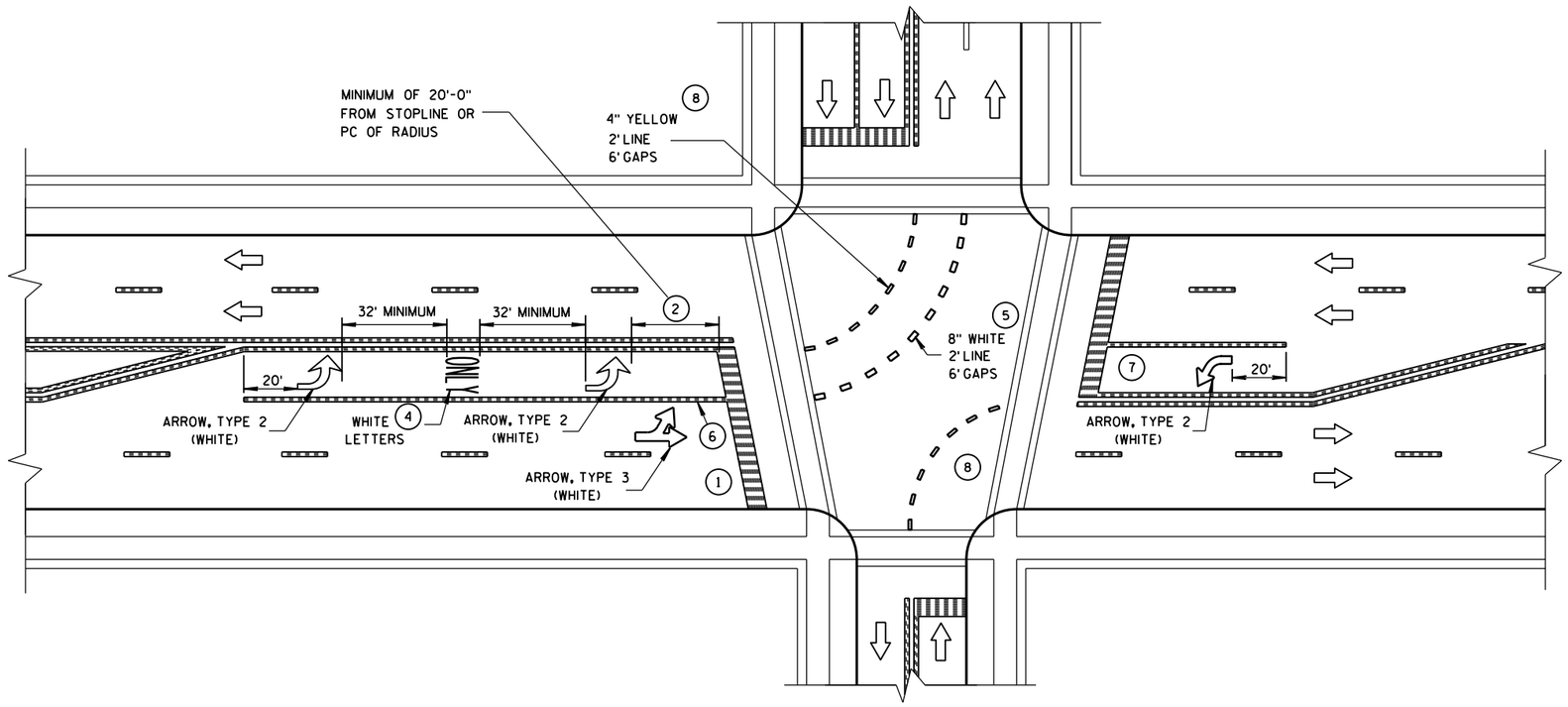
APPROVED
5-13-2013 DATE
/S/ Travis Feltes STATE TRAFFIC E 477
FHWA

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S.D.D. 15 C 8-16a

6

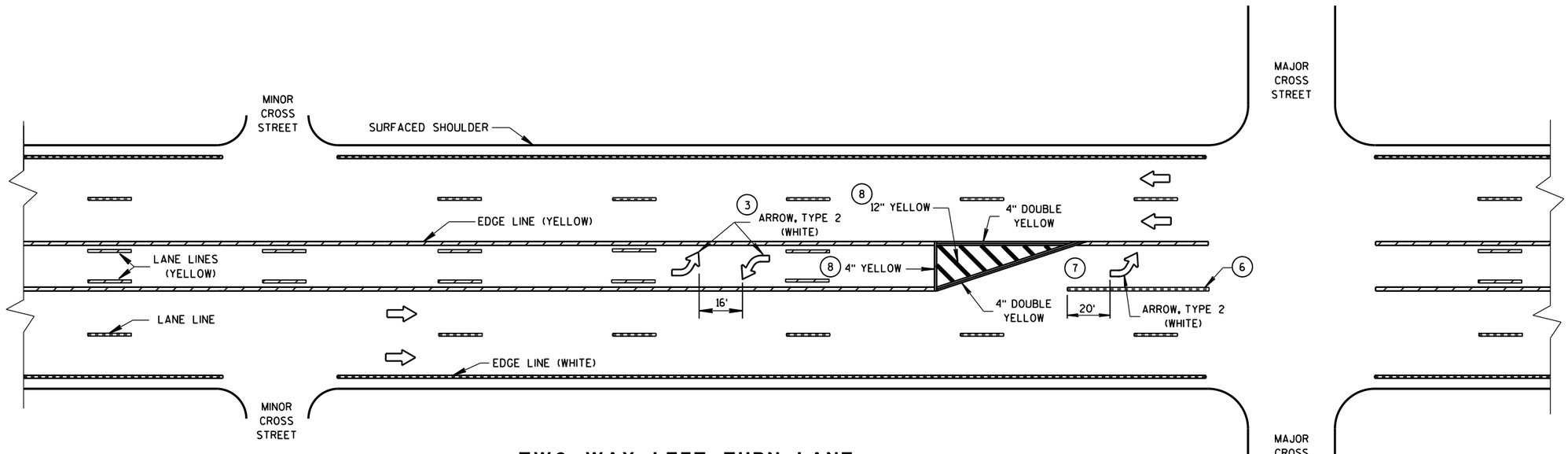
S.D.D. 15 C 8-16a



GENERAL NOTES

1. STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
3. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
4. ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
5. 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
6. 8" WHITE
7. ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
8. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TWO WAY LEFT TURN LANE

PAVEMENT MARKING (LEFT TURN LANE)

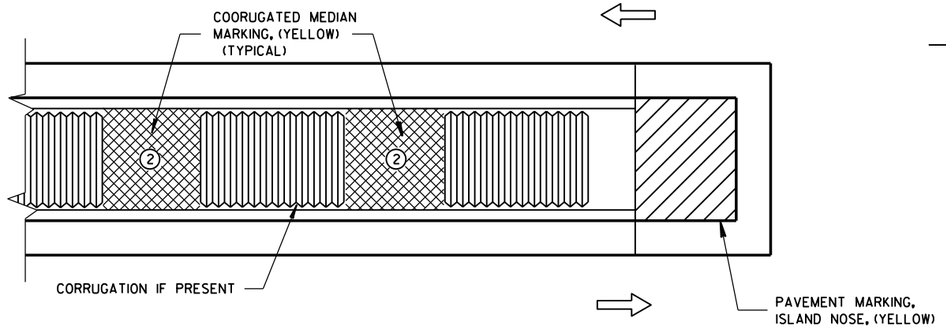
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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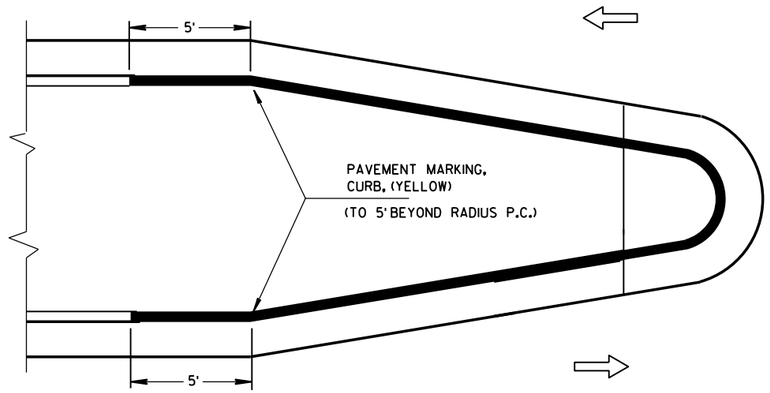
S.D.D. 15 C 8-16e

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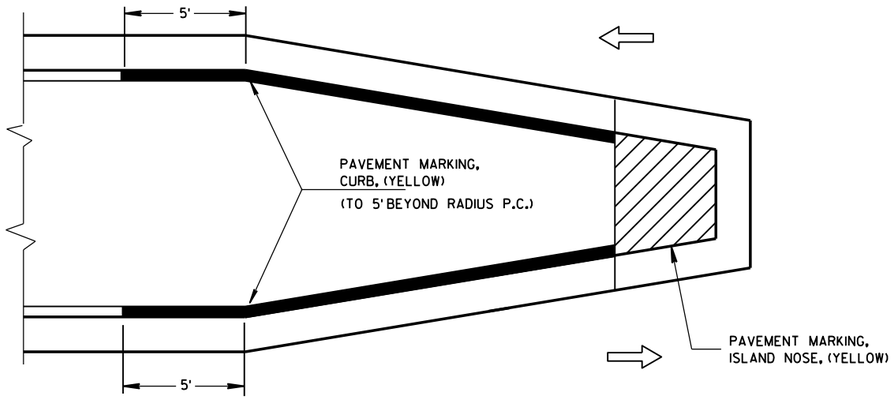
S.D.D. 15 C 8-16e



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

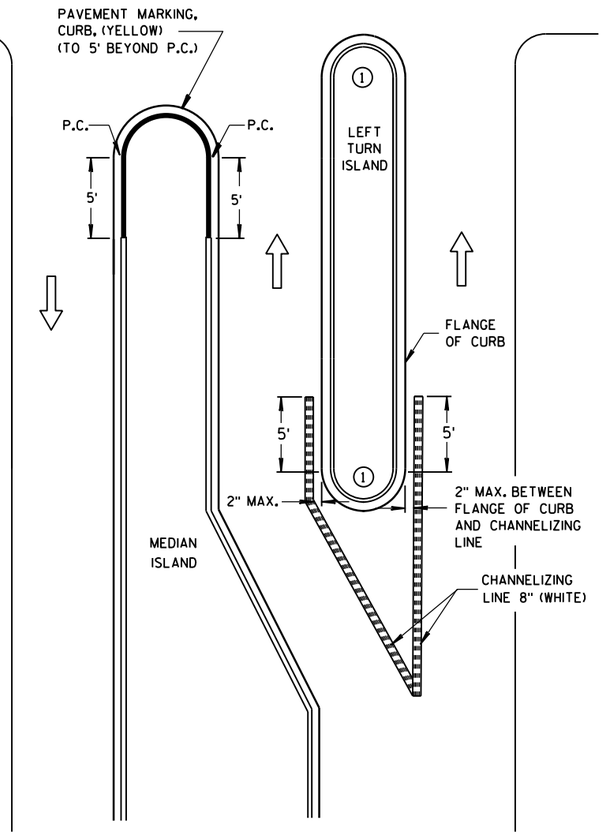


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

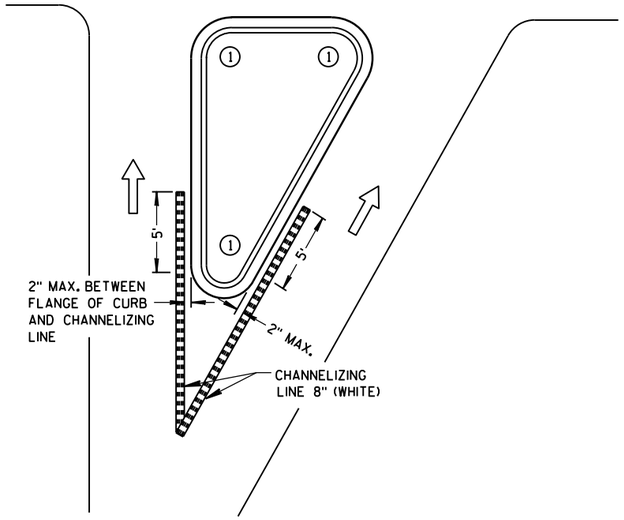


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

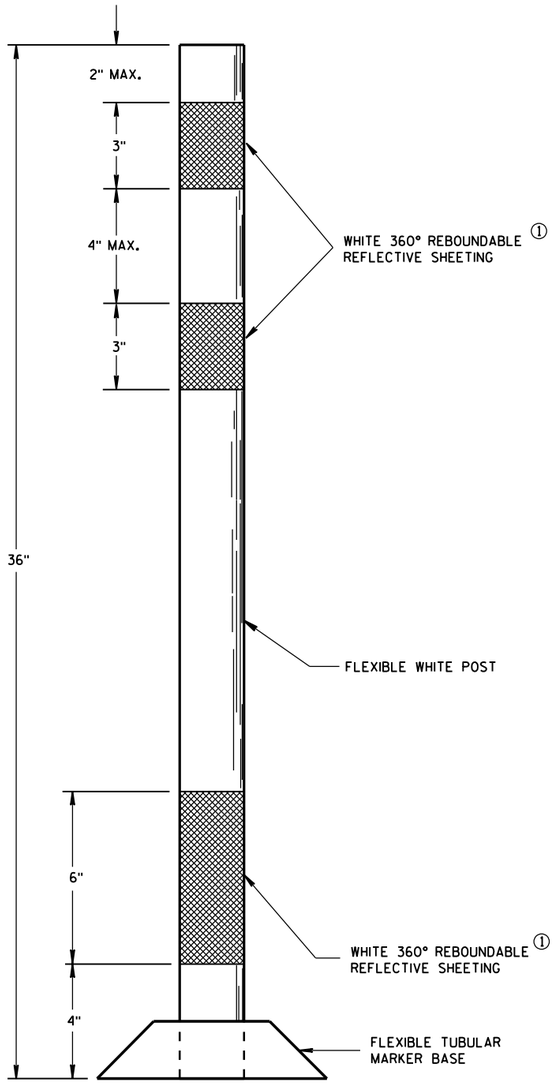
- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

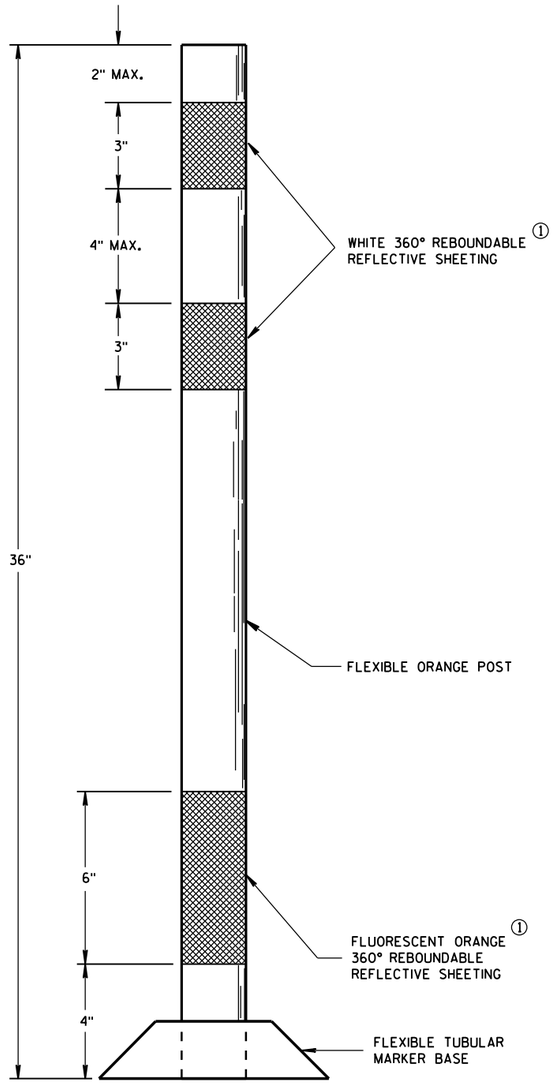
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 C 8-16f



FLEXIBLE
TUBULAR MARKER POST
PERMANENT CROSSOVER



FLEXIBLE
TUBULAR MARKER POST
WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

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S.D.D. 15 C 11-6

S.D.D. 15 C 11-6

FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-16-2015
DATE
FHWA

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON
SAFETY ENGINE

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

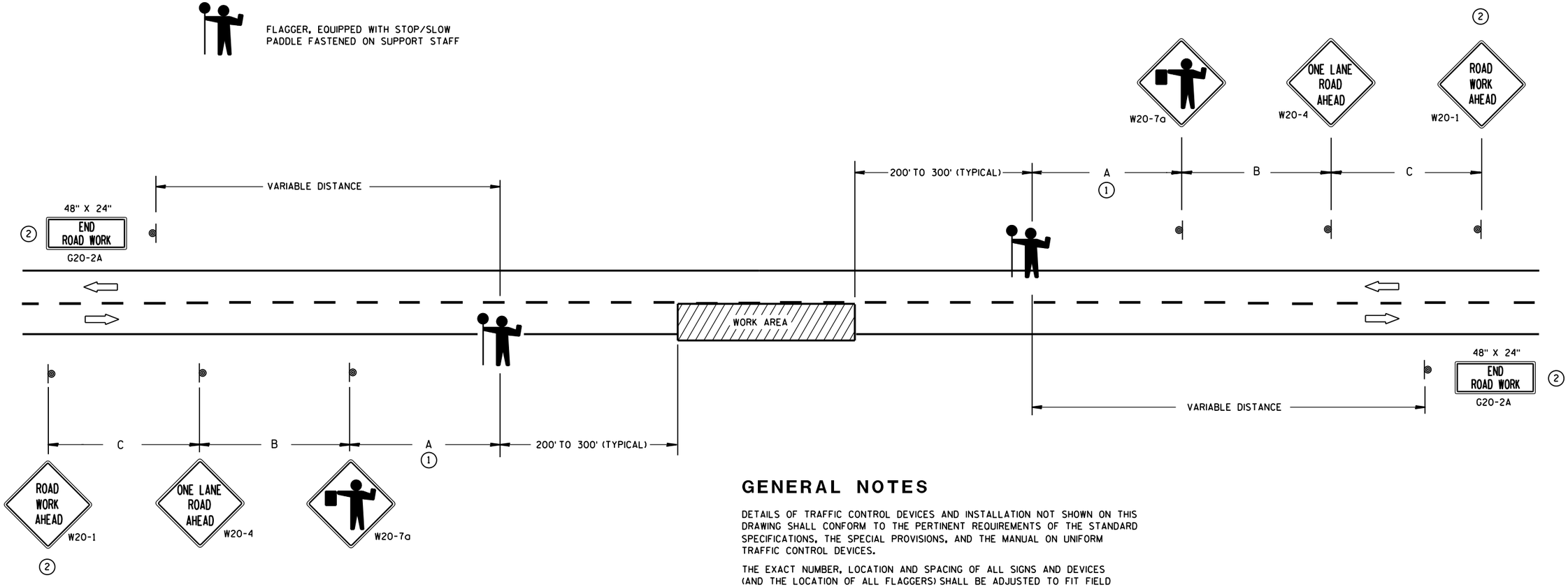
SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

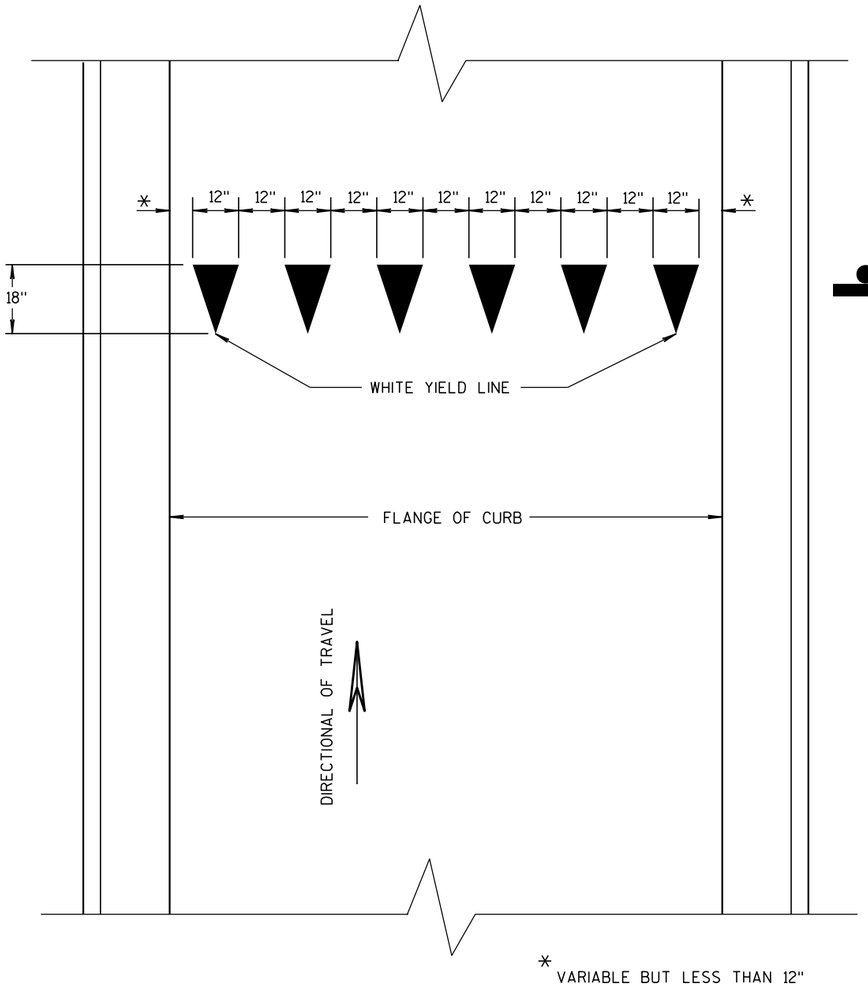
APPROVED
8/2013
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

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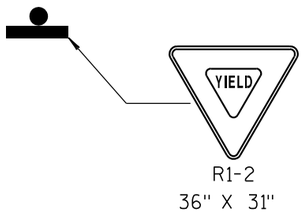
S.D.D. 15 C 12-4

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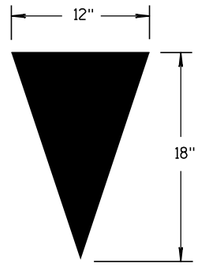
S.D.D. 15 C 12-4



YIELD LINE



R1-2
36" X 31"



YIELD TRIANGLE

YIELD MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

1/28/05
DATE

/S/ Thomas N. Nothdurft
STATE TRAFFIC ENGINEER

FHWA

482

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S.D.D. 15 C 20-1

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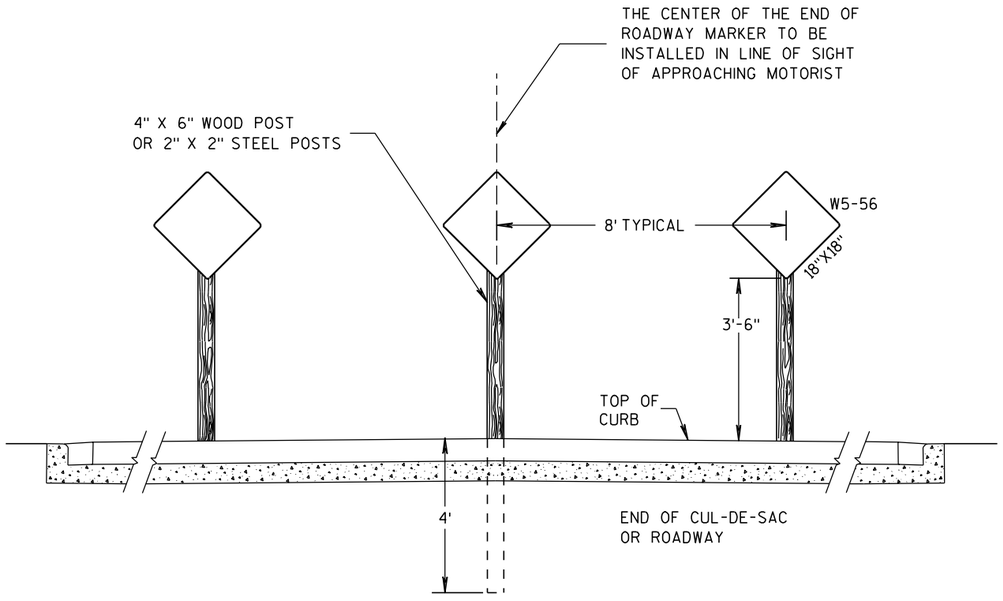
S.D.D. 15 C 20-1

GENERAL NOTES

SIGN LOCATIONS SHOWN ARE TYPICAL PLACEMENT AND MAY BE ADJUSTED BY THE ENGINEER AS FIELD CONDITIONS DICTATE.

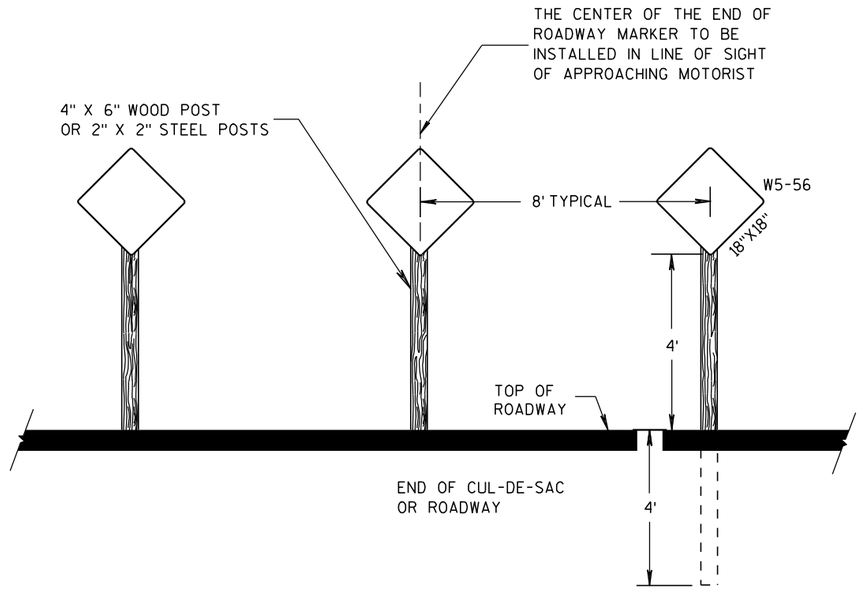
THE MINIMUM NUMBER OF END-OF-ROADWAY SIGNS ARE THREE (AS SHOWN). ADDITIONAL END-OF-ROADWAY SIGNS MAY BE INSTALLED AS FIELD CONDITIONS DICTATE. (SEE SIGNING PLAN).

WHEN BEAMGUARD IS REQUIRED, PLACE END-OF-ROADWAY SIGNING BEHIND BEAMGUARD.



TYPICAL URBAN SIGN INSTALLATION

(WITH CURB & GUTTER)



TYPICAL RURAL SIGN INSTALLATION

(WITHOUT CURB & GUTTER)

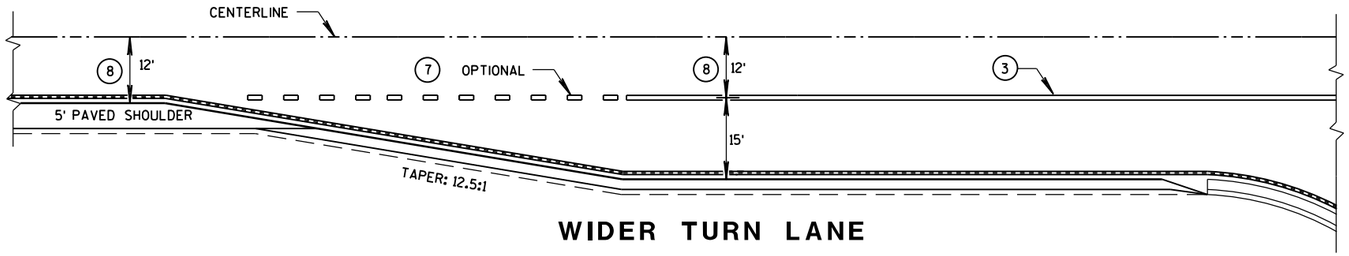
END-OF-ROADWAY SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 8/1/2011 DATE FHWA	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER

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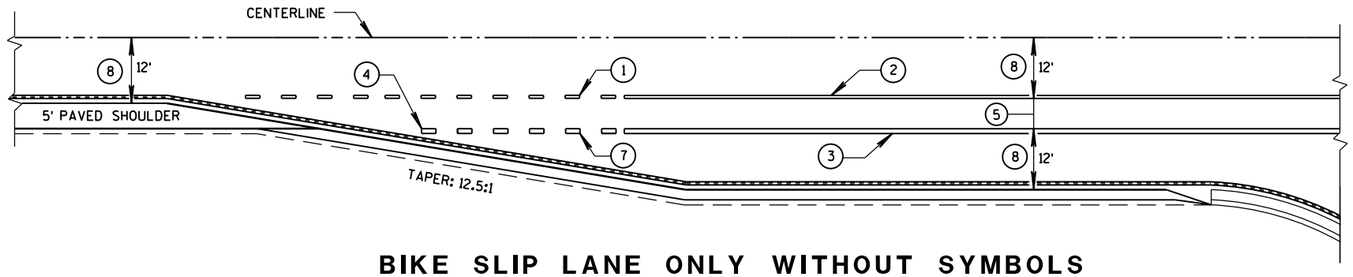
S.D.D. 15 C 26-2

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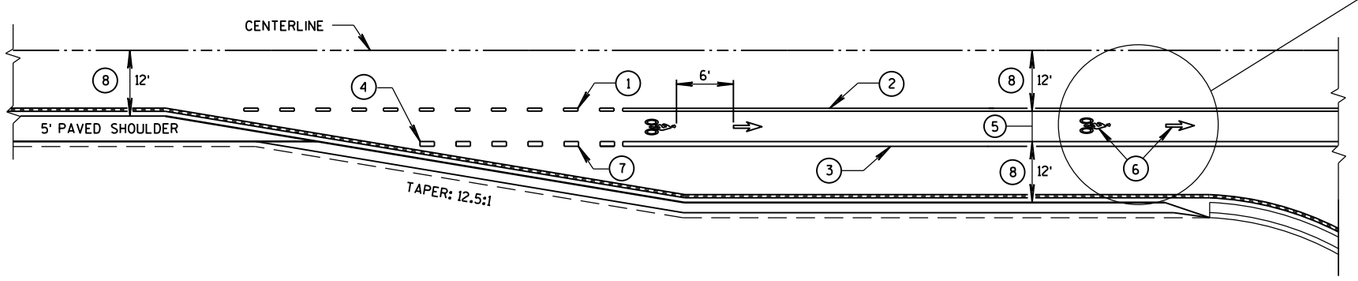
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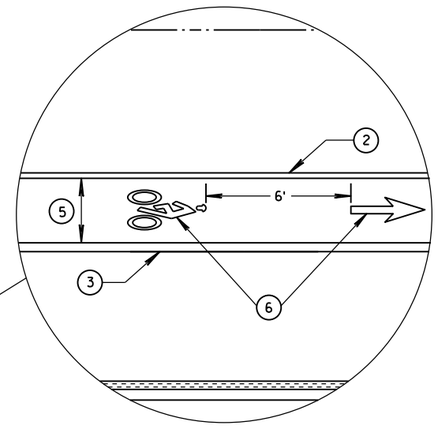
WIDER TURN LANE



BIKE SLIP LANE ONLY WITHOUT SYMBOLS



BIKE LANE WITH SYMBOLS



GENERAL NOTES

1. 3' LINE, 9' GAP - 4-INCH WIDE, WHITE.
2. 4-INCH, WHITE.
3. 8-INCH, WHITE.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. BIKE ACCOMMODATION FOR CONCRETE PAVEMENT IS 5' WIDE. BIKE ACCOMMODATION FOR ASPHALT PAVEMENT IS A MINIMUM OF 4', 5' AT ≥ 45 MPH.
6. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
7. 3' LINE, 9' GAP - 8-INCH WIDE, WHITE.
8. REFER TO CONTRACT PLANS.

6

S.D.D. 15 C 29-3a

BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/30/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

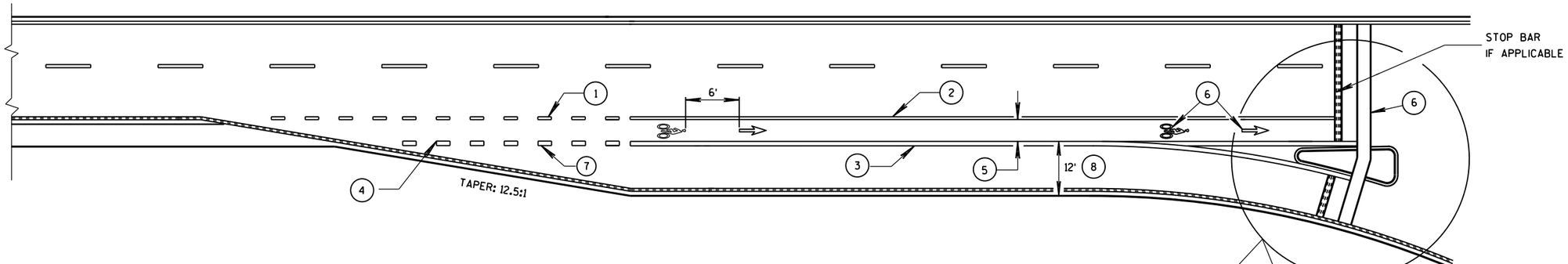
FHWA

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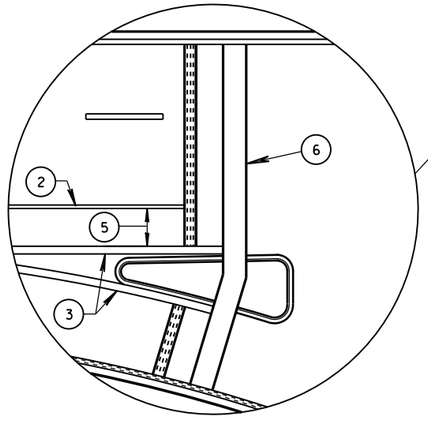
S.D.D. 15 C 29-3a

GENERAL NOTES

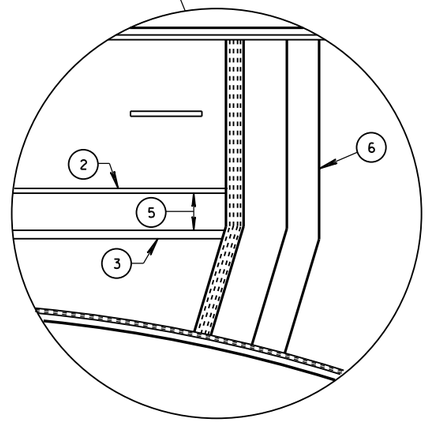
1. 3' LINE, 9' GAP - 4-INCH WIDE, WHITE.
2. 4-INCH, WHITE.
3. 8-INCH, WHITE.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. 5' TYPICAL.
6. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
7. 3' LINE, 9' GAP - 8-INCH WIDE, WHITE.
8. REFER TO CONTRACT PLANS.



BIKE LANE - 4-LANE DIVIDED WITH RIGHT TURN LANE



4 LANE DIVIDED WITH ISLAND



4 LANE DIVIDED WITHOUT ISLAND

BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/30/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC E
FHWA

6

S.D.D. 15 C 29-3b

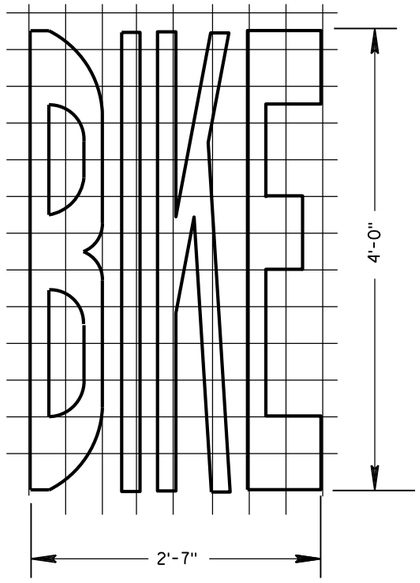
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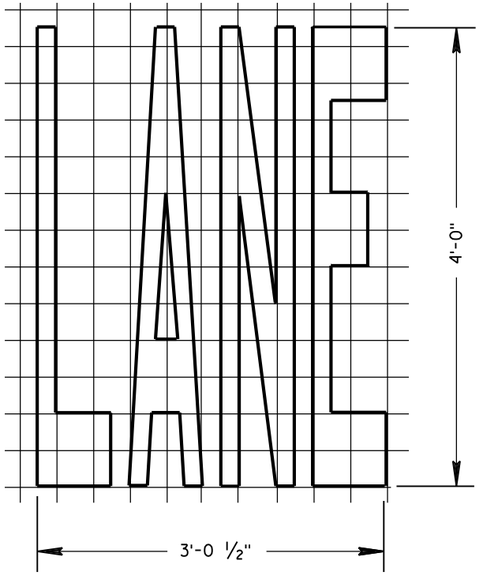
S.D.D. 15 C 29-3b

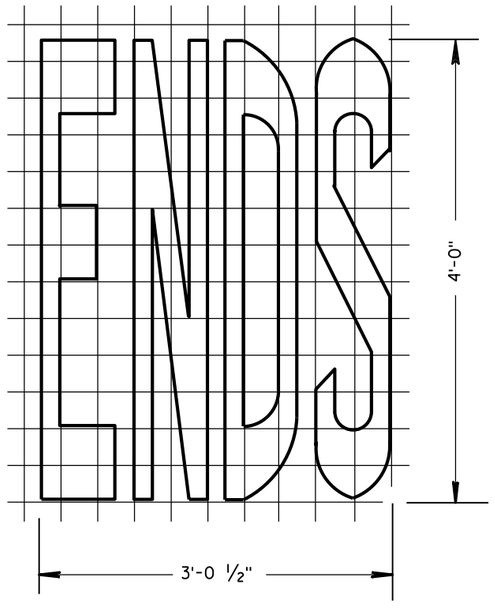
GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

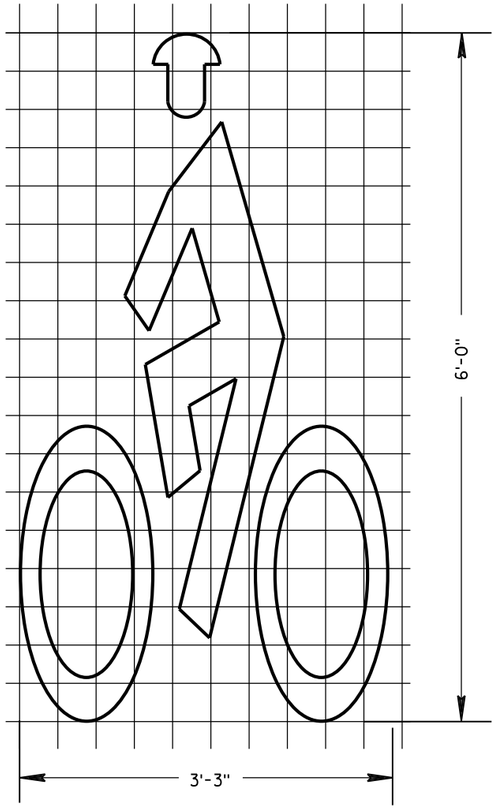
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



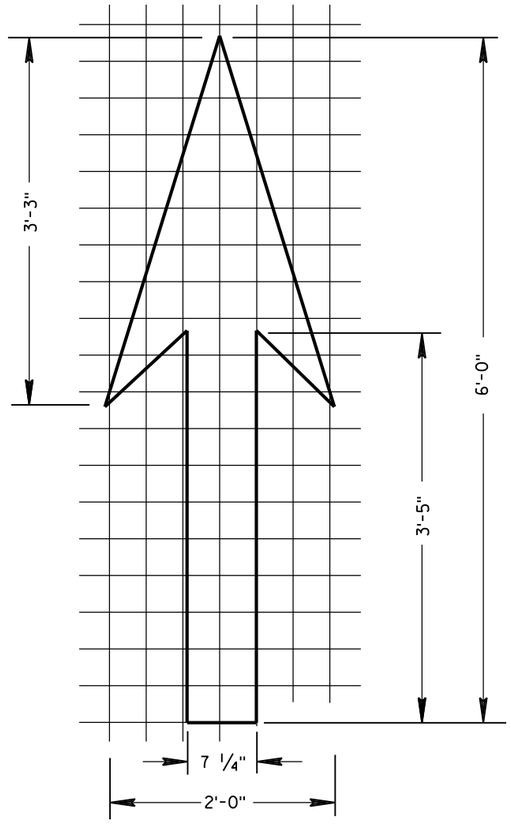




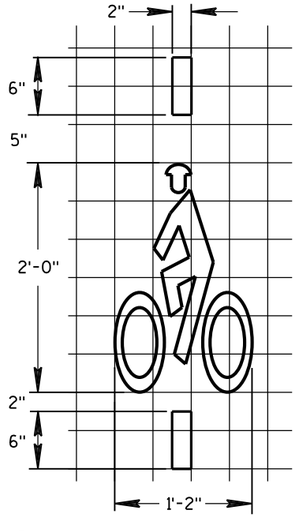
BIKE LANE WORDS



BIKE LANE SYMBOL



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-30-2013
DATE

/S/ Travis Feltes
STATE TRAFFIC EN

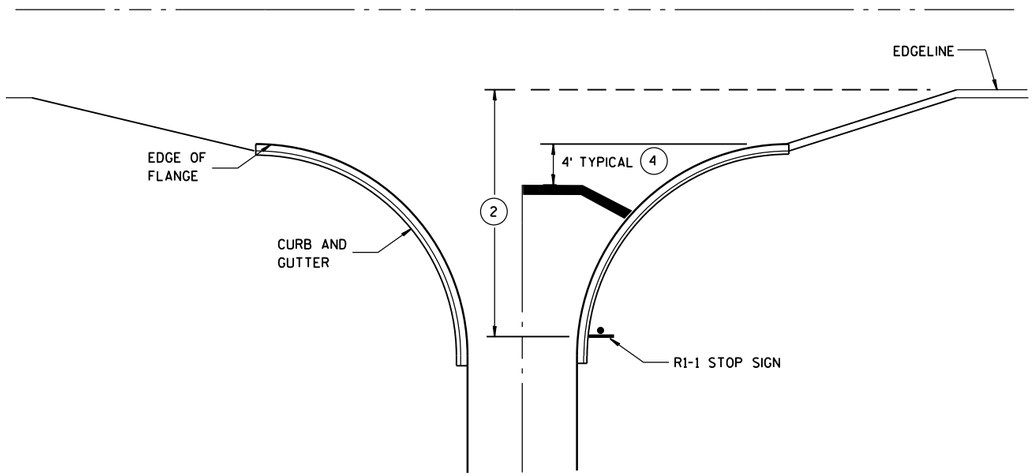
FHWA

6

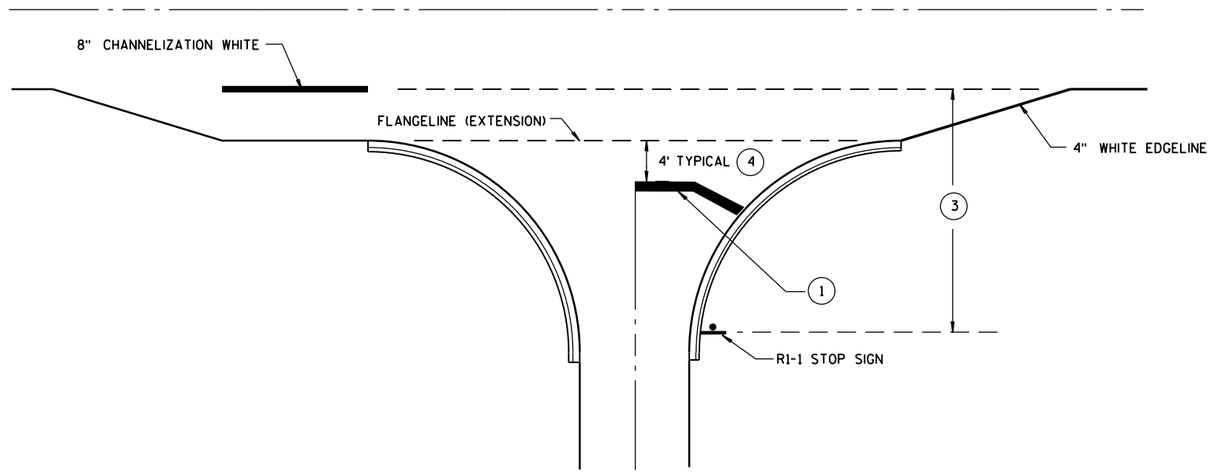
S.D.D. 15 C 29-3e

6

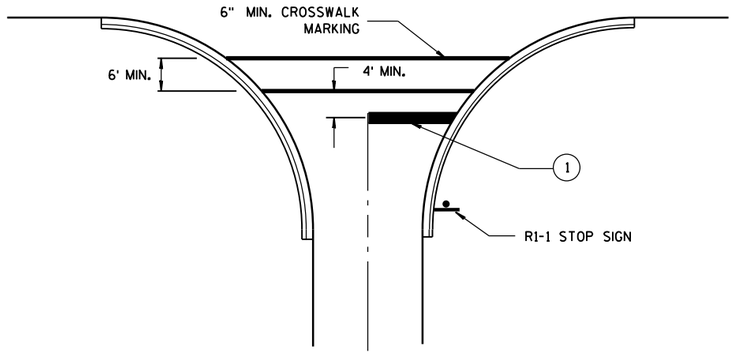
S.D.D. 15 C 29-3e



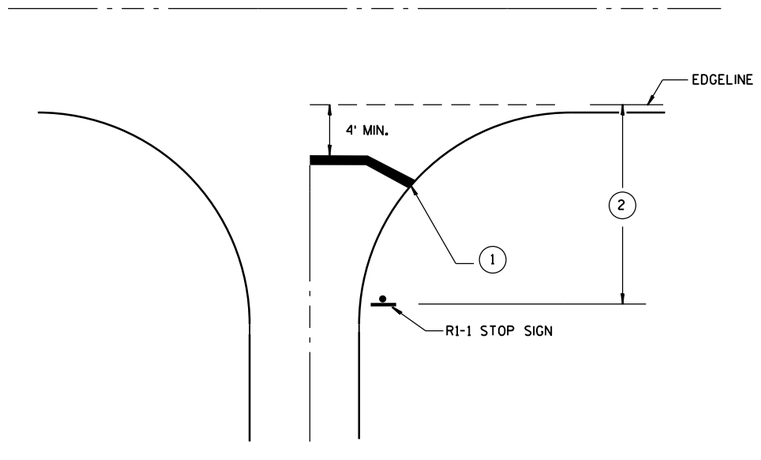
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

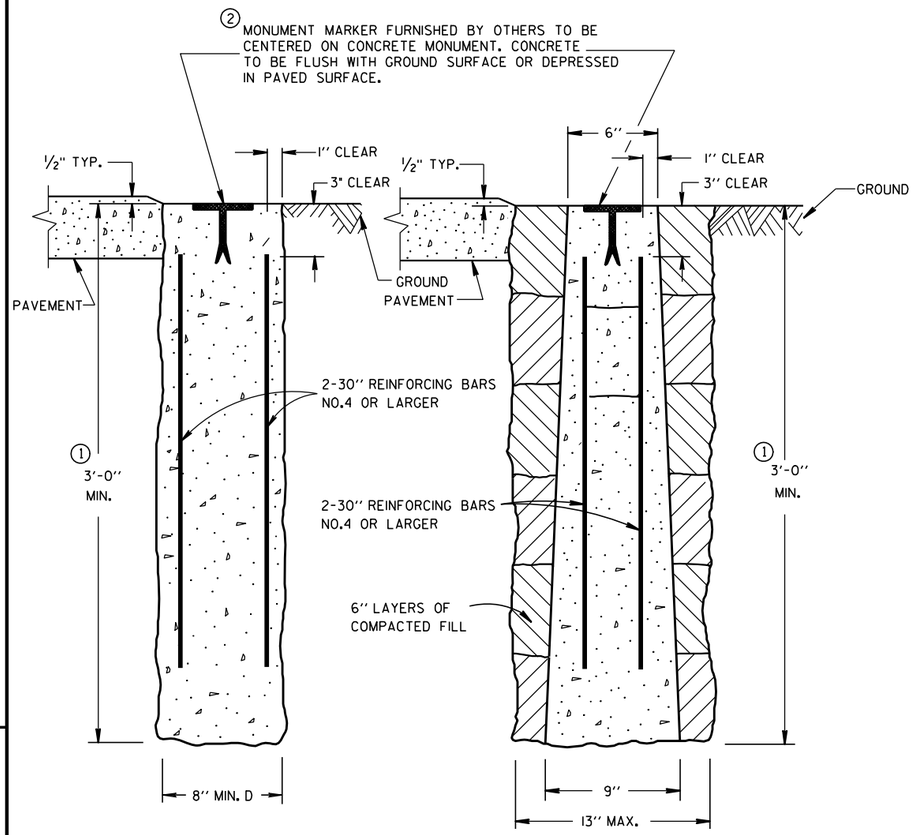
STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/30/2013 DATE
/S/ Travis Feltes
STATE TRAFFIC E
FHWA

6

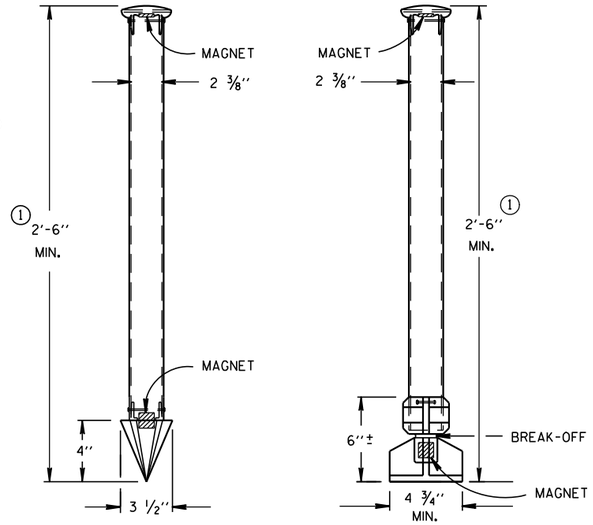
S.D.D. 15 C 33-1



CAST-IN-PLACE PRECAST

CONCRETE MONUMENTS

TYPE A



TYPE C DRIVE-IN MONUMENT

TYPE D BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

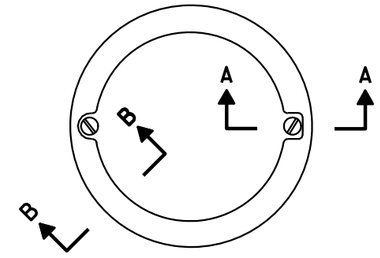
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

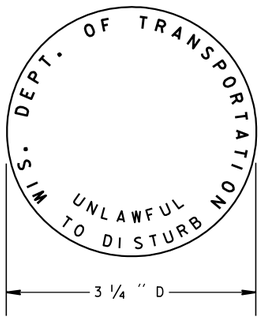
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

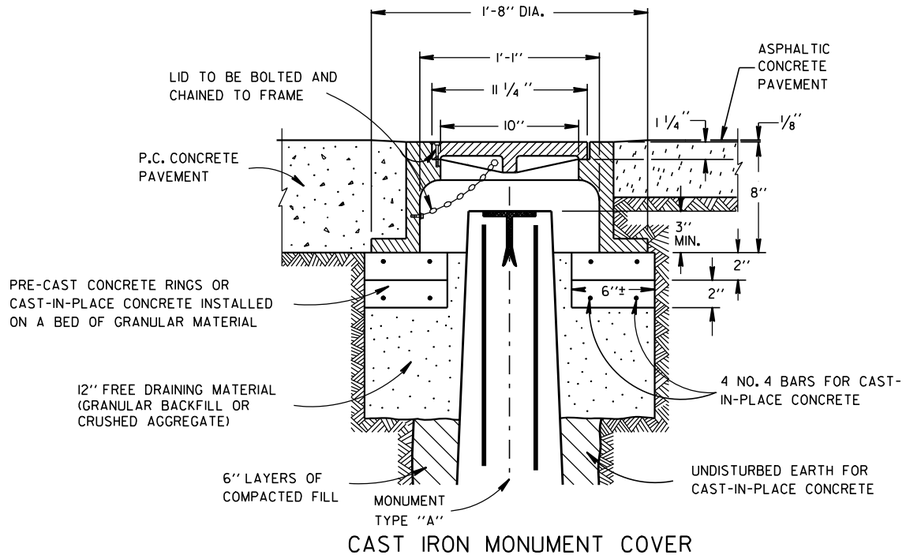
② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW

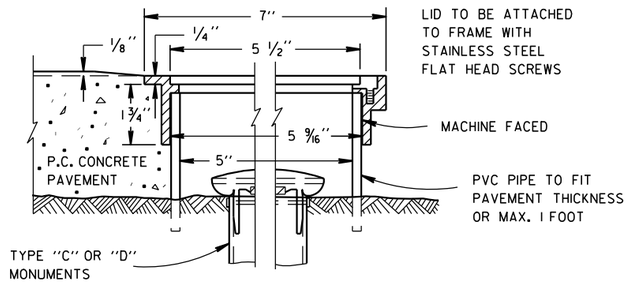


② WIS DOT MONUMENT MARKER LOGO FOR TYPES "A", "C" & "D"



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT - 95 LBS.)



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)

(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MOUNMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

9/22/1999 DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER

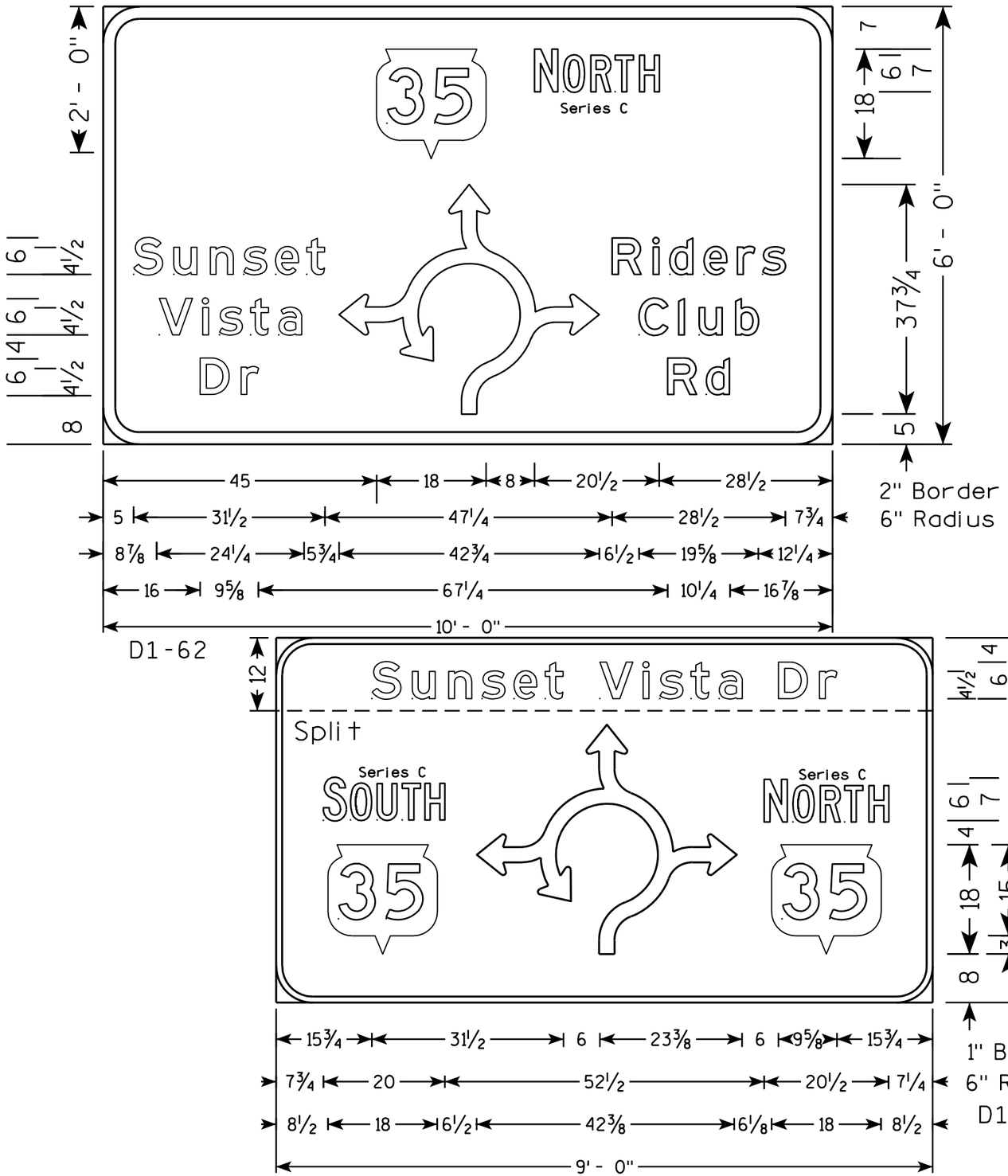
FHWA

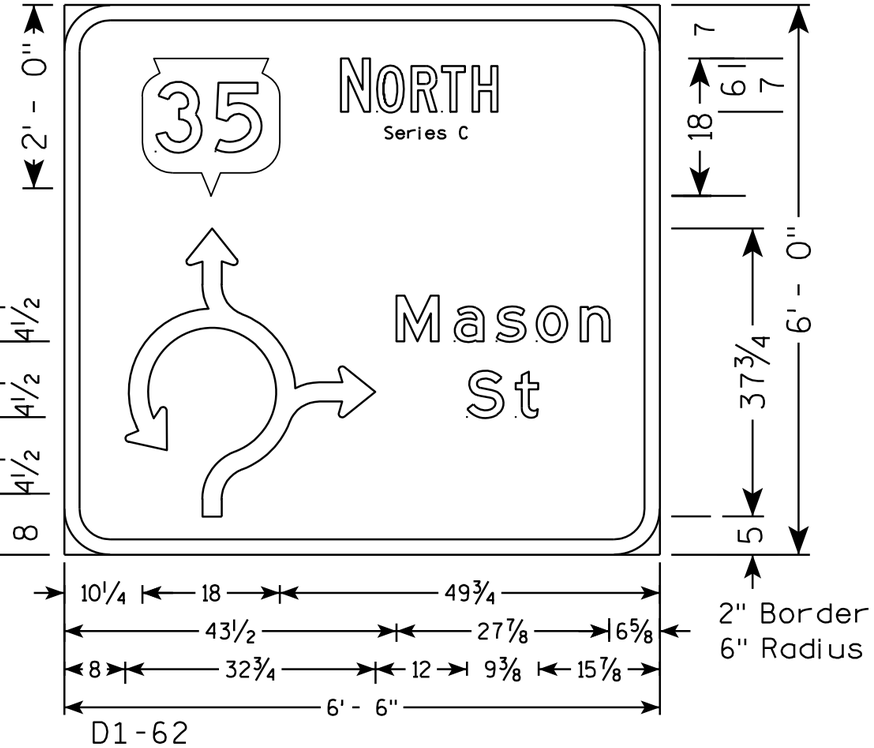
6

S.D.D. 16 A 1-6

6

S.D.D. 16 A 1-6





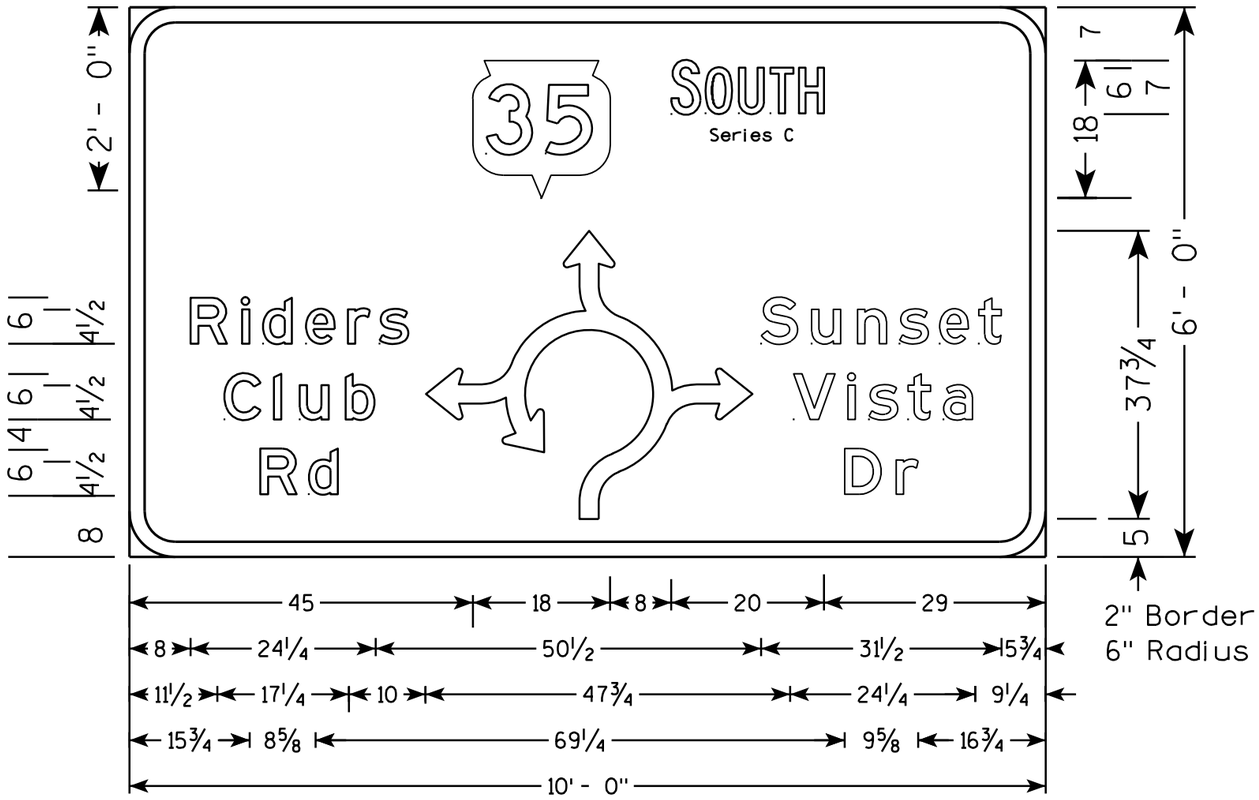
NOTES

1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted
4. Colors for shields shall conform to applicable route marker specification.

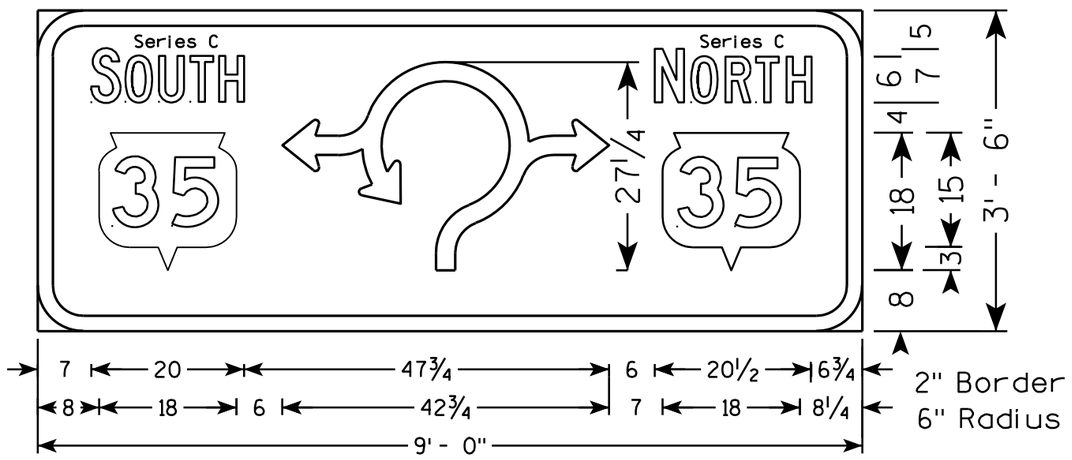
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7

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET NO: 489	E

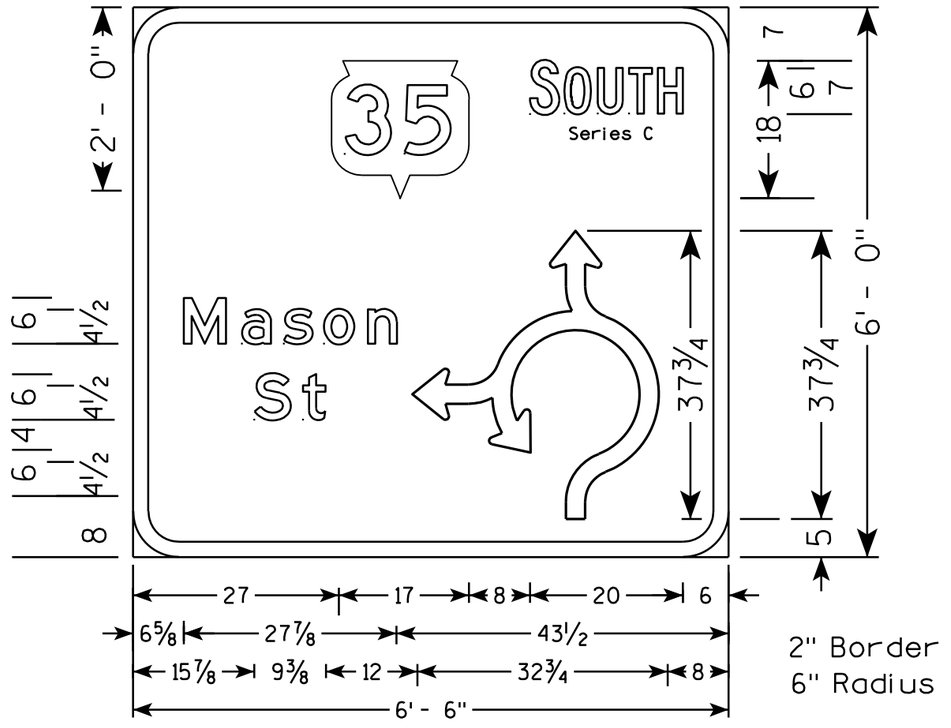


D1-62



NOTES

1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted
4. Colors for shields shall conform to applicable route marker specification.



7

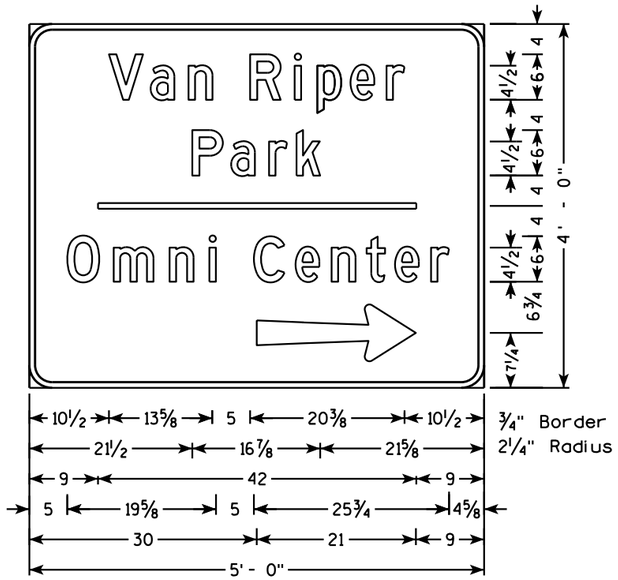
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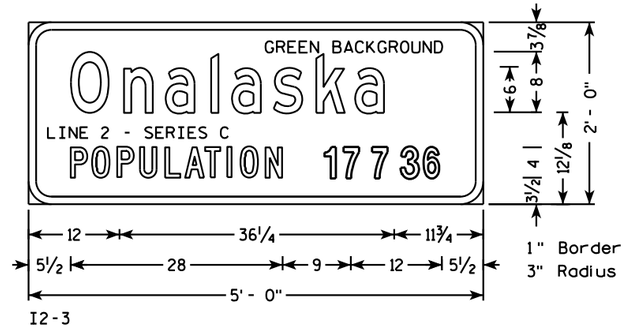
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET NO: 490	E

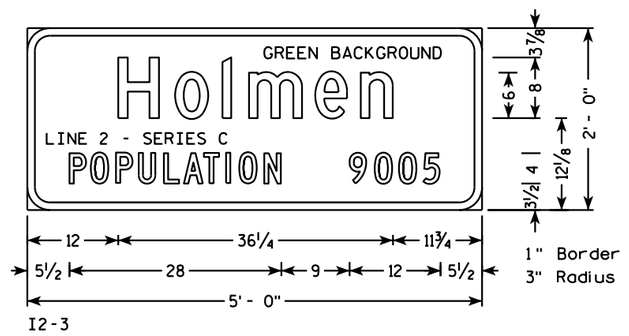
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WISDOT/CADDS SHEET 42

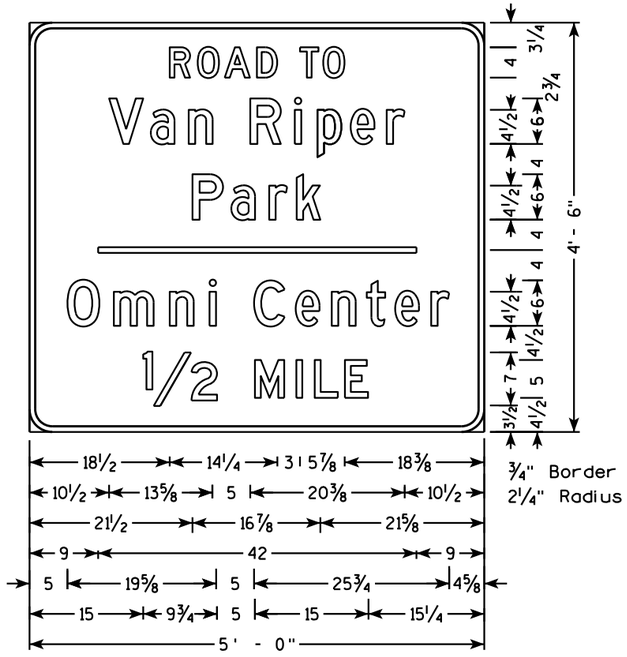
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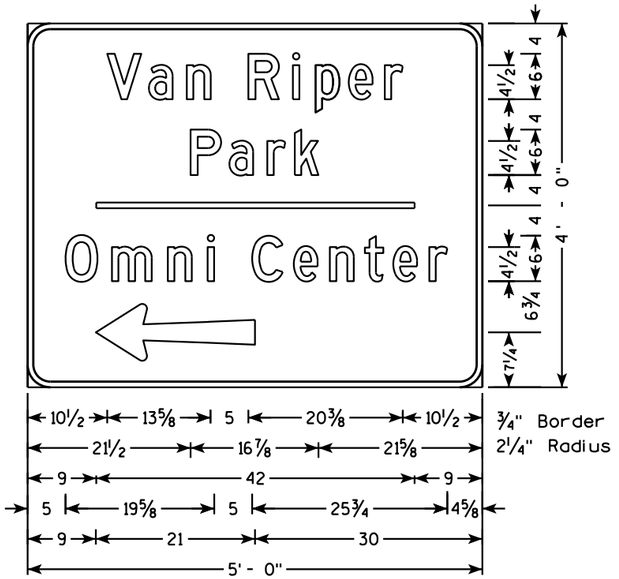
1. All Sign Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BROWN except as Shown
   Message - White
3. Message Series - D except as Shown











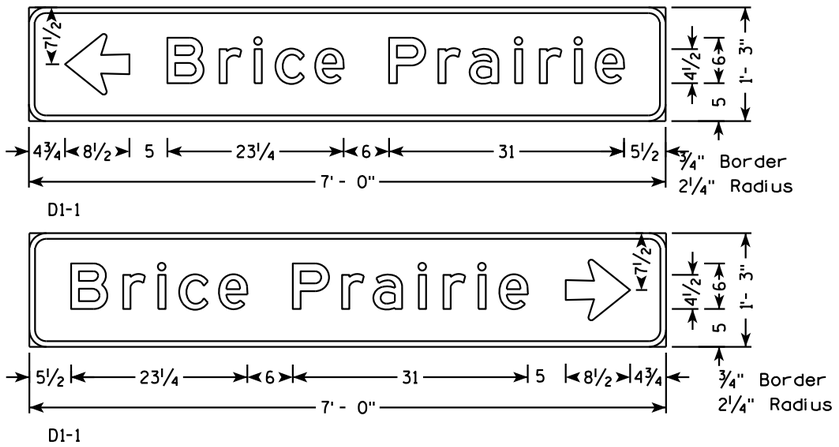
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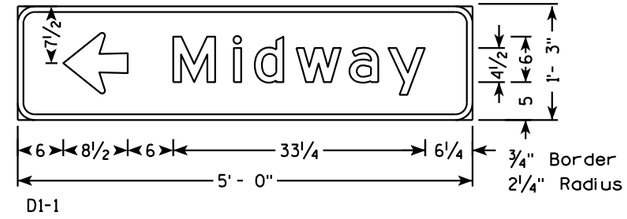
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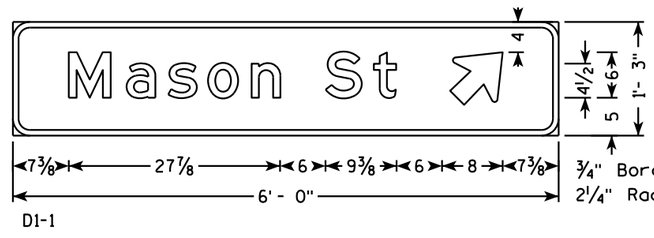
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	PERMANENT SIGNING	SHEET NO:	E

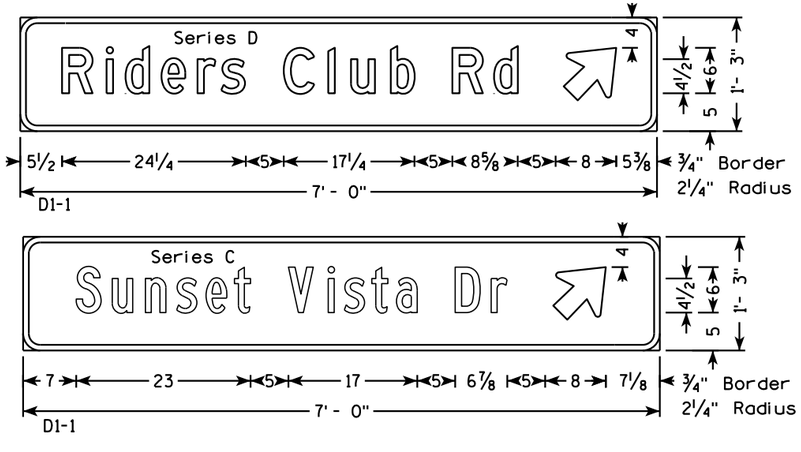
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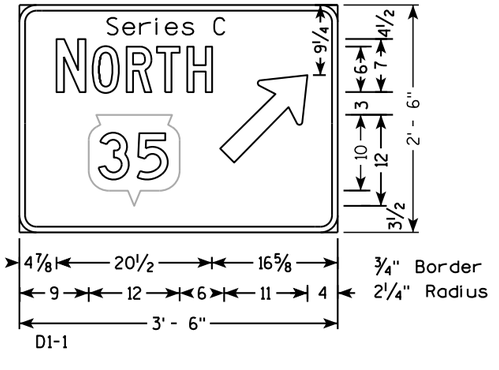
1. All Sign Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted

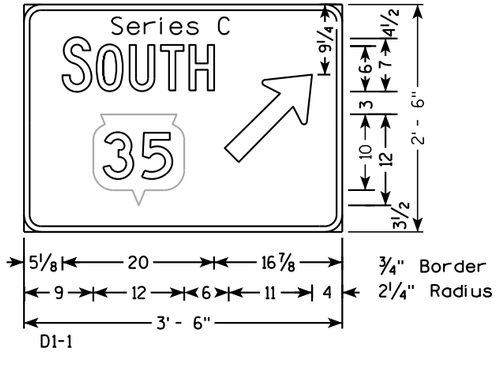












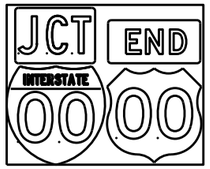
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FILE NAME : P:\State\s35\71900600\Traffic\Sign_Plates\revision2.DGN PLOT DATE : 15-SEP-2015 09:14 PLOT BY : dotszz PLOT NAME : PLOT SCALE : 19.9875:1

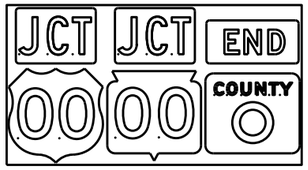
TYPICAL ASSEMBLIES



J1-1



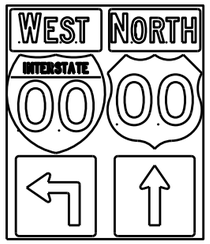
J1-2



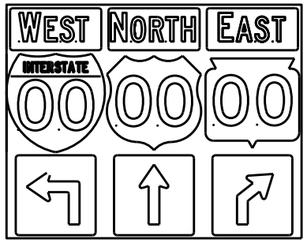
J1-3



J2-1



J2-2

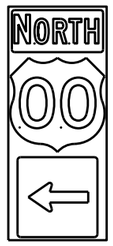


J2-3

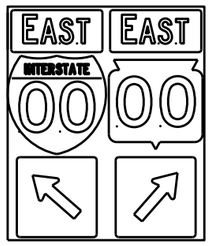


JV

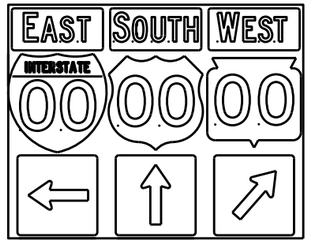
(Typical Vertical J-Assembly
See Note 10 and 11)



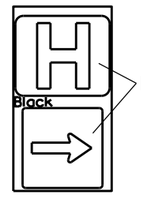
J3-1



J3-2



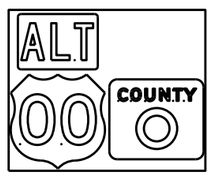
J3-3



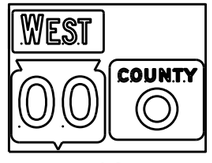
JH-1



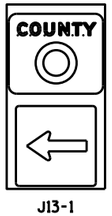
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

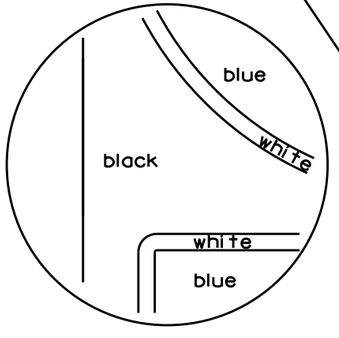


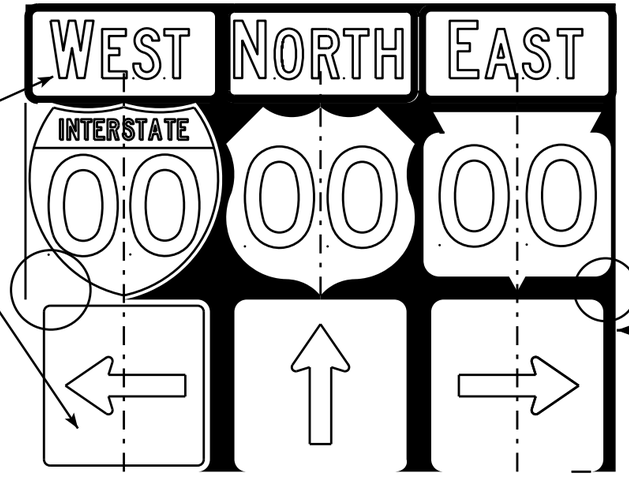
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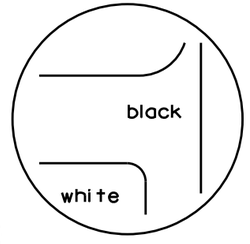


J22-1

[blue background with interstate]







[black background]

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

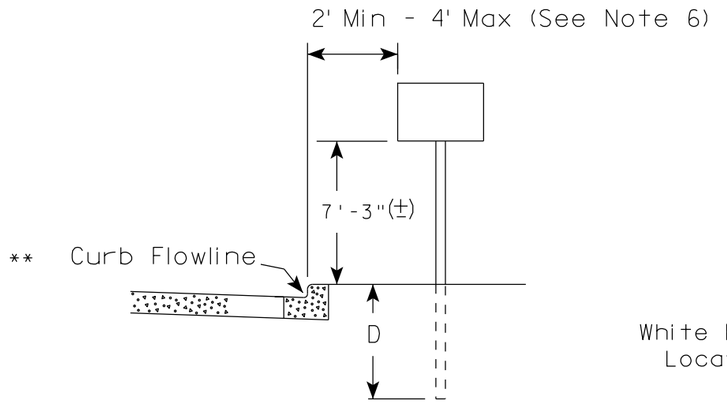
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL A2-1S.8

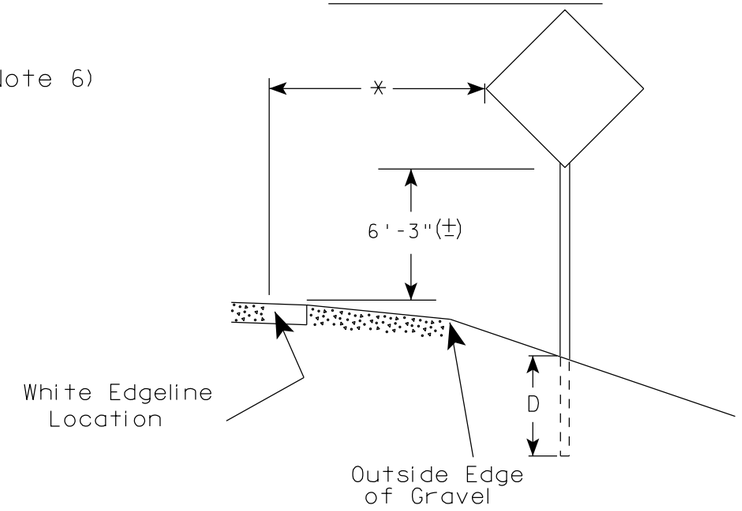
PROJECT NO: SHEET NO: E

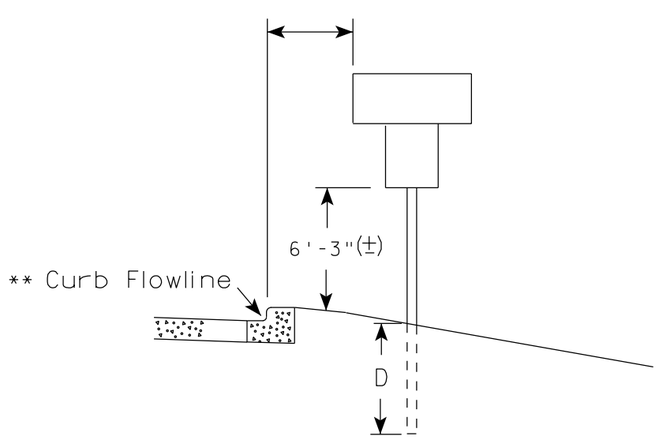
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :
WISDOT/CADDS SHEET 42

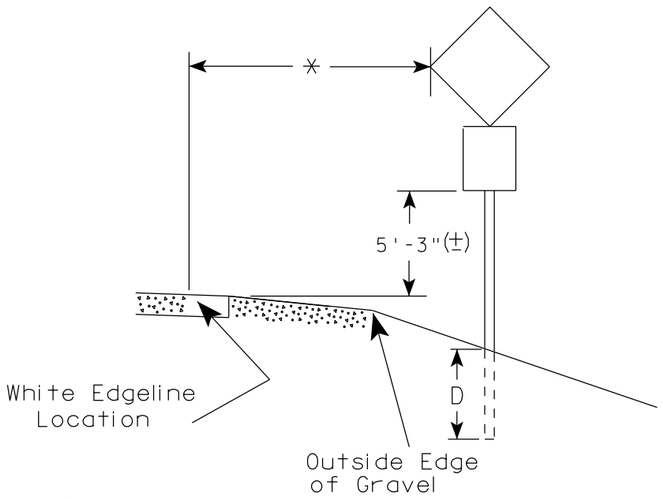
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

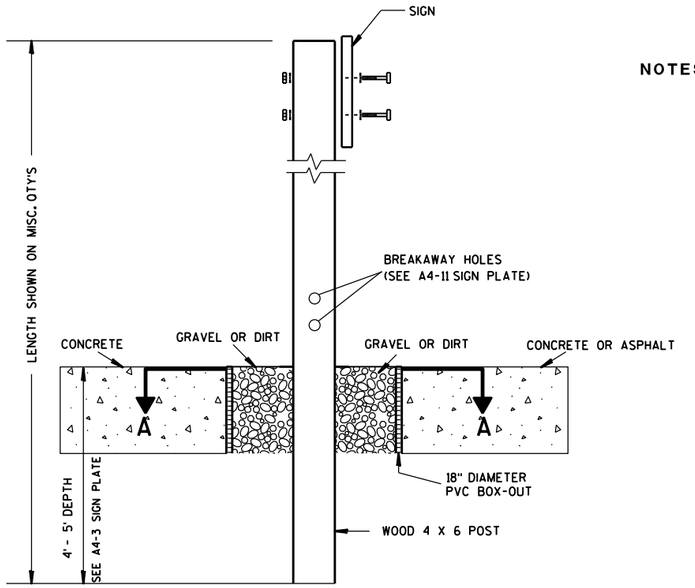
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

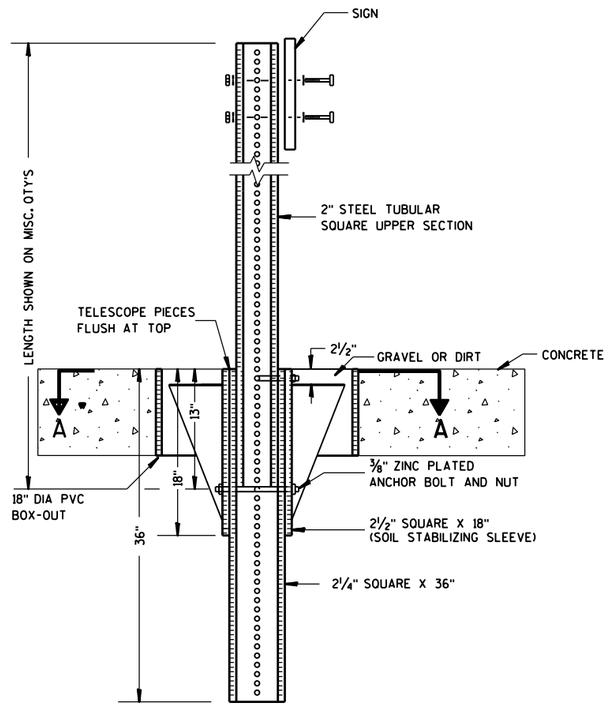
7



ELEVATION VIEW

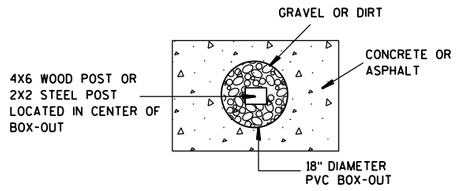
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

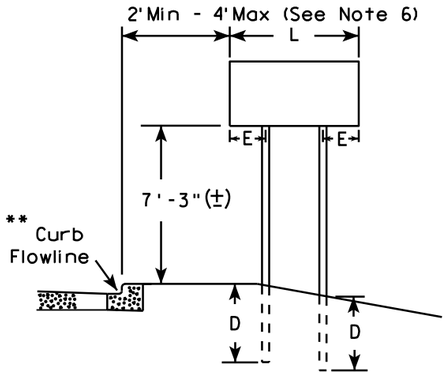
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

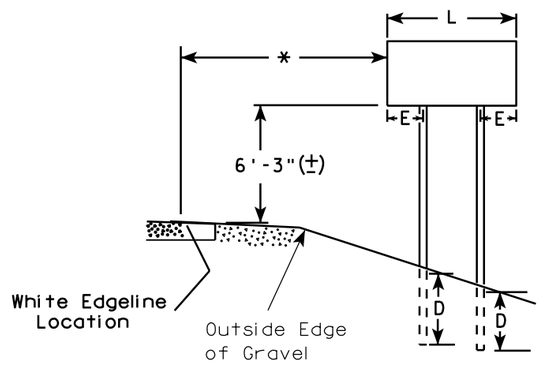
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

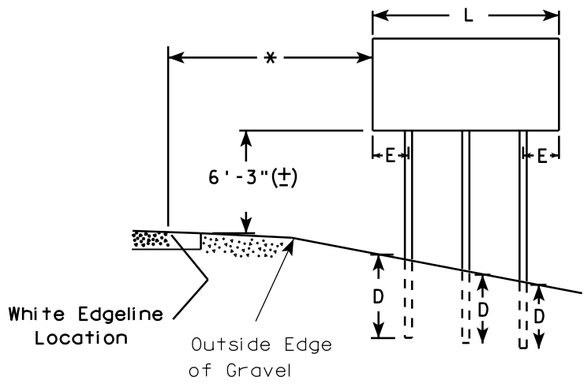
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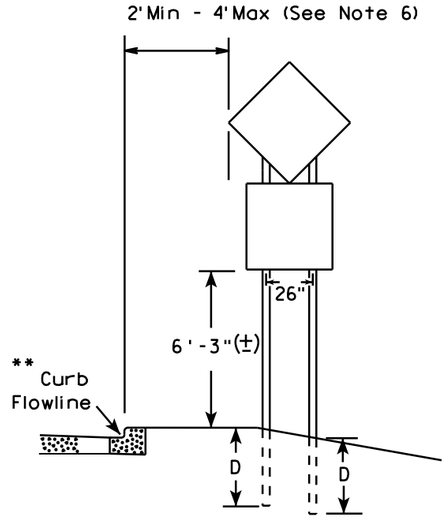
URBAN AREA



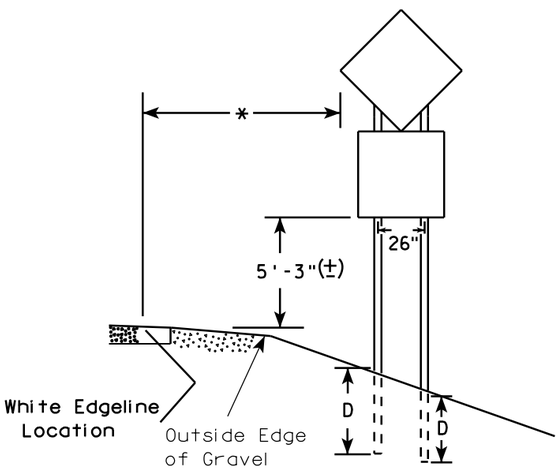
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

***

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

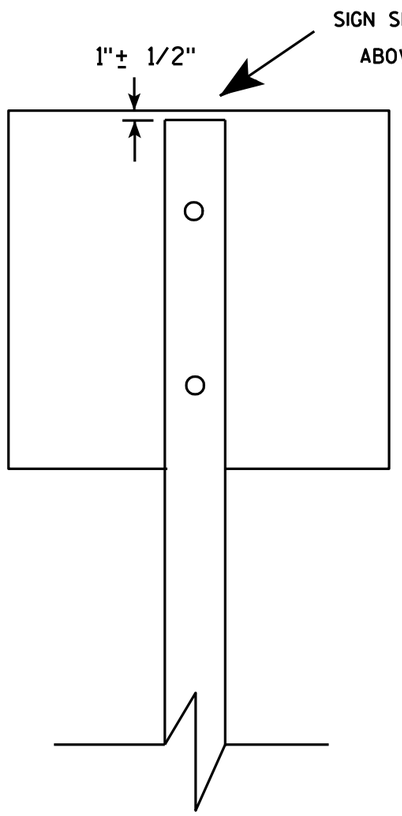
APPROVED Matthew R Rauch
for State Traffic Engineer

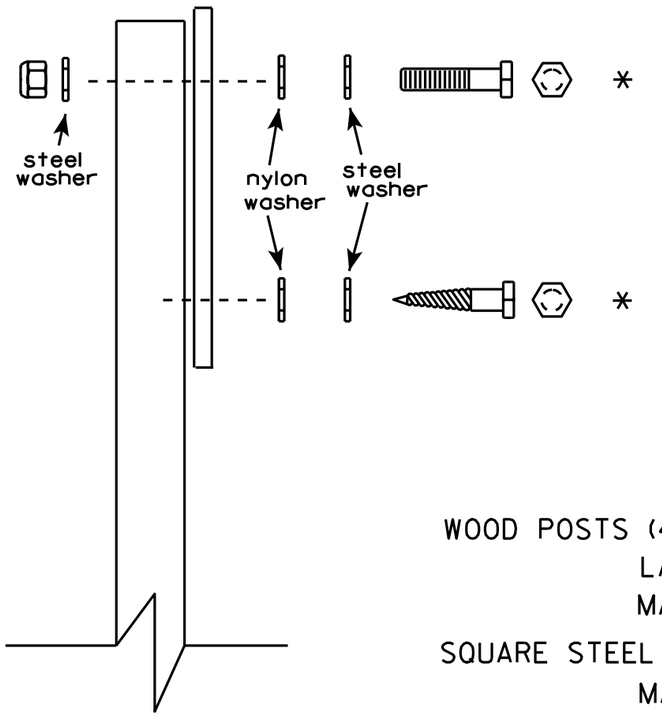
DATE 7/23/15 PLATE NO. A4-4 496 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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WISDOT/CADDS SHEET 42





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

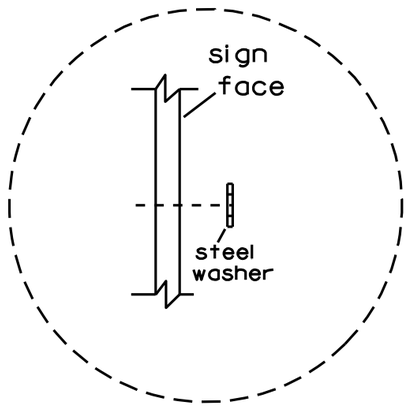
a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts

SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/10 PLATE NO. A4-8.7

7

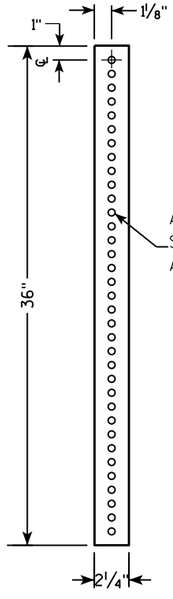
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PROJECT NO:

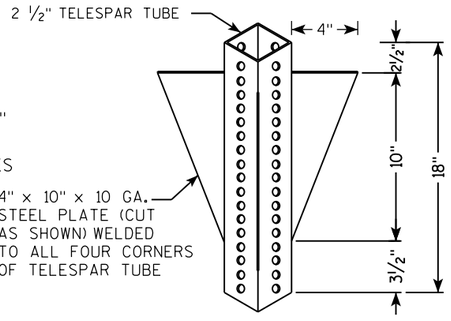
SHEET NO: 497 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

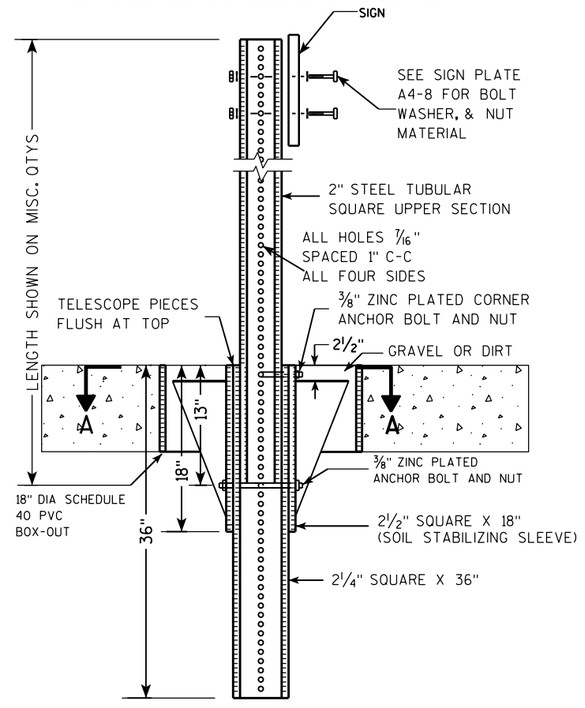
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



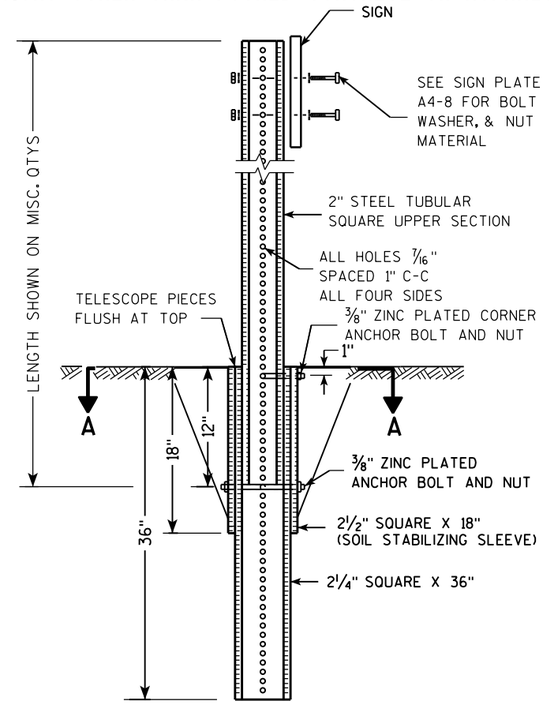
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

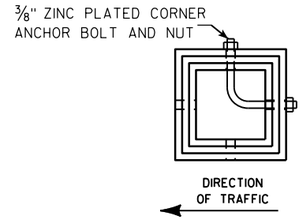


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

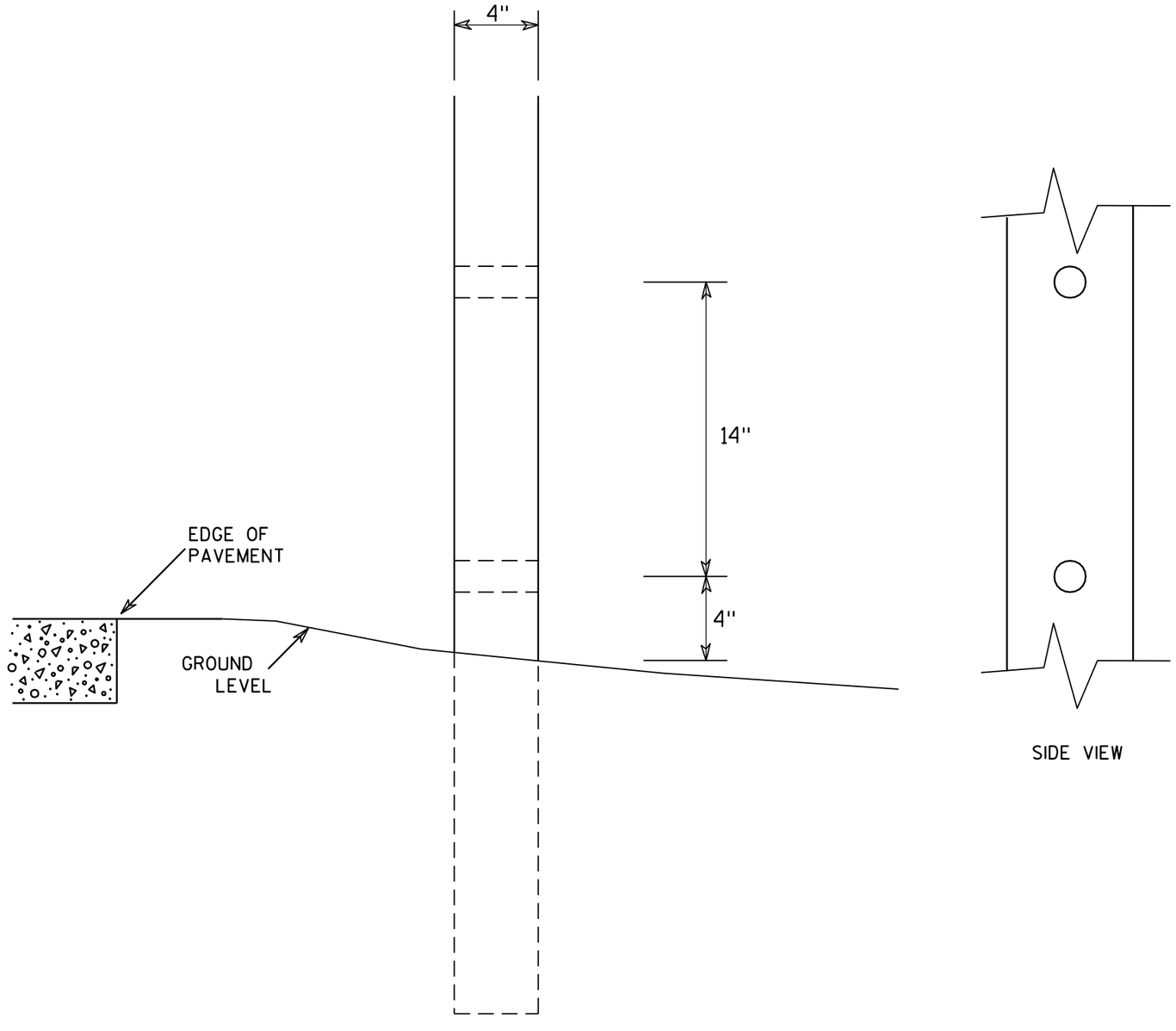
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 498 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

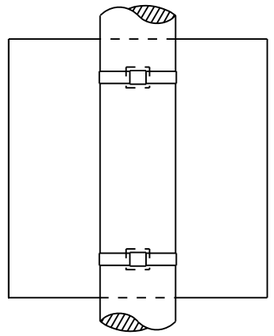
APPROVED Chester J Spang
for State Traffic Engineer

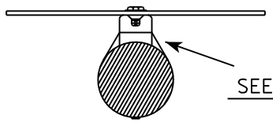
DATE 3/27/97 PLATE NO. A4-11.2

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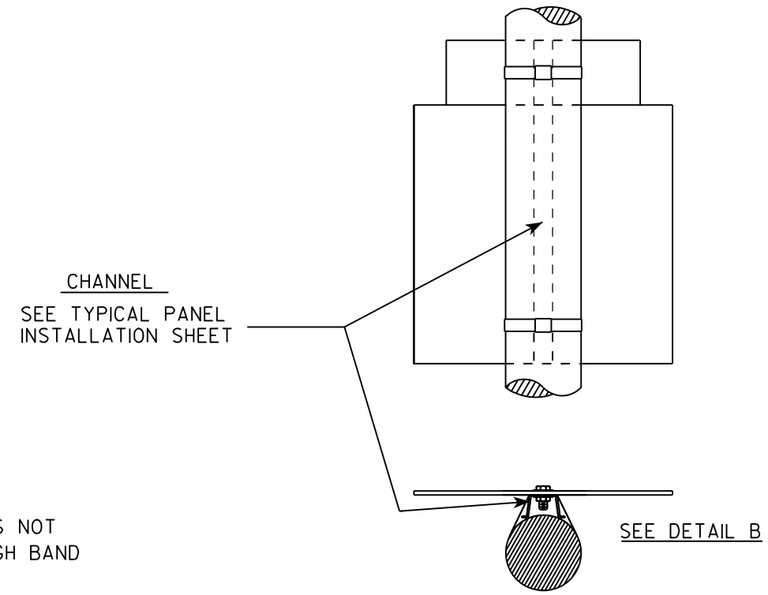
BANDING

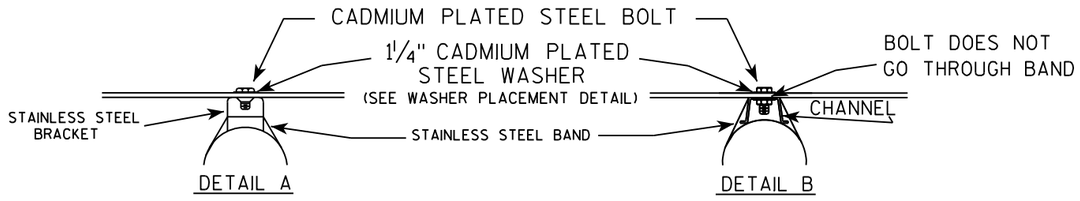
SINGLE SIGN



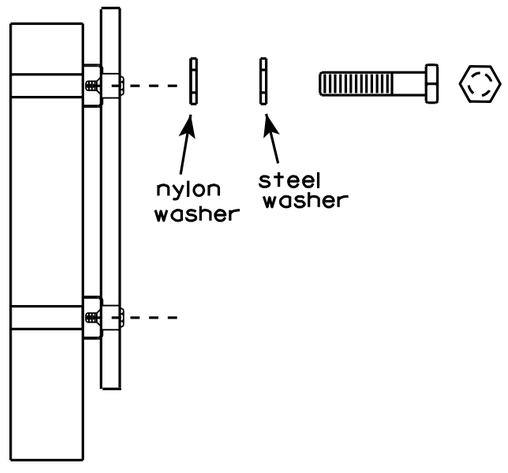


"J" ASSEMBLY





WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" in width and 0.025" thickness.

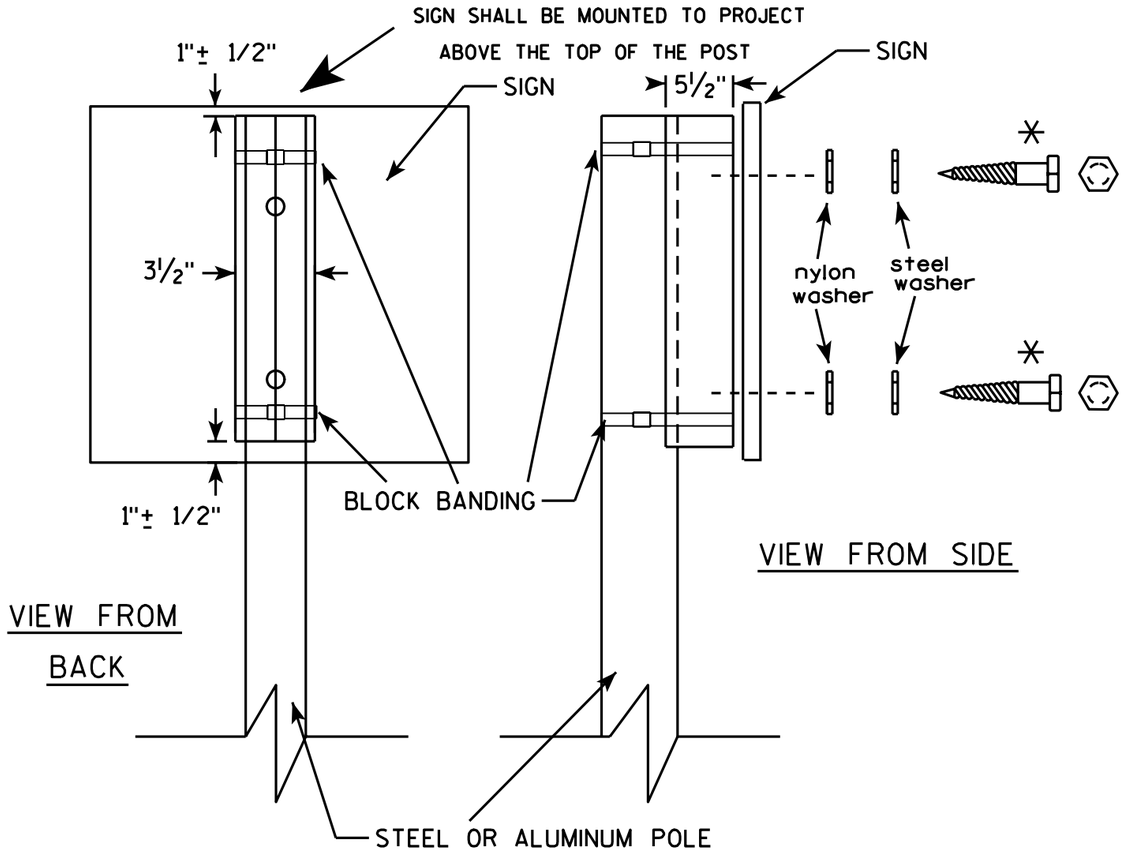
STANDARD SIGN
SIGN BANDING DETAILS

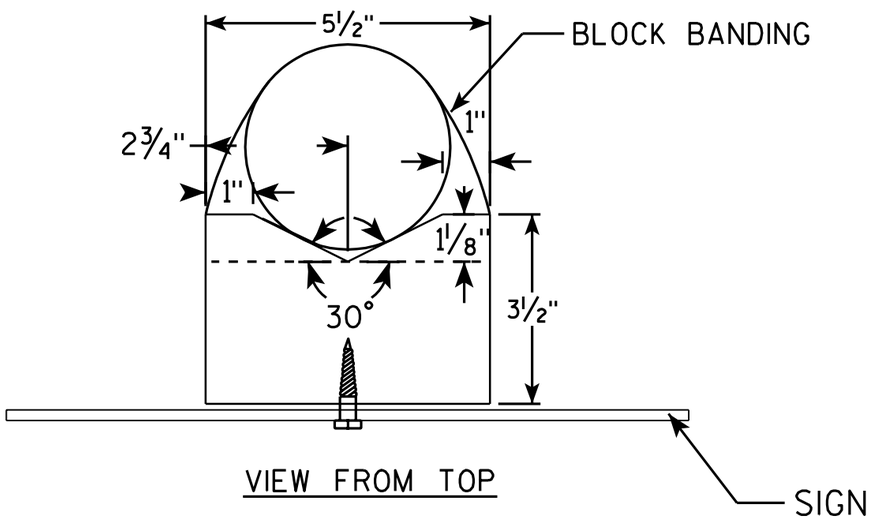
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 500	E





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
   b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
   c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

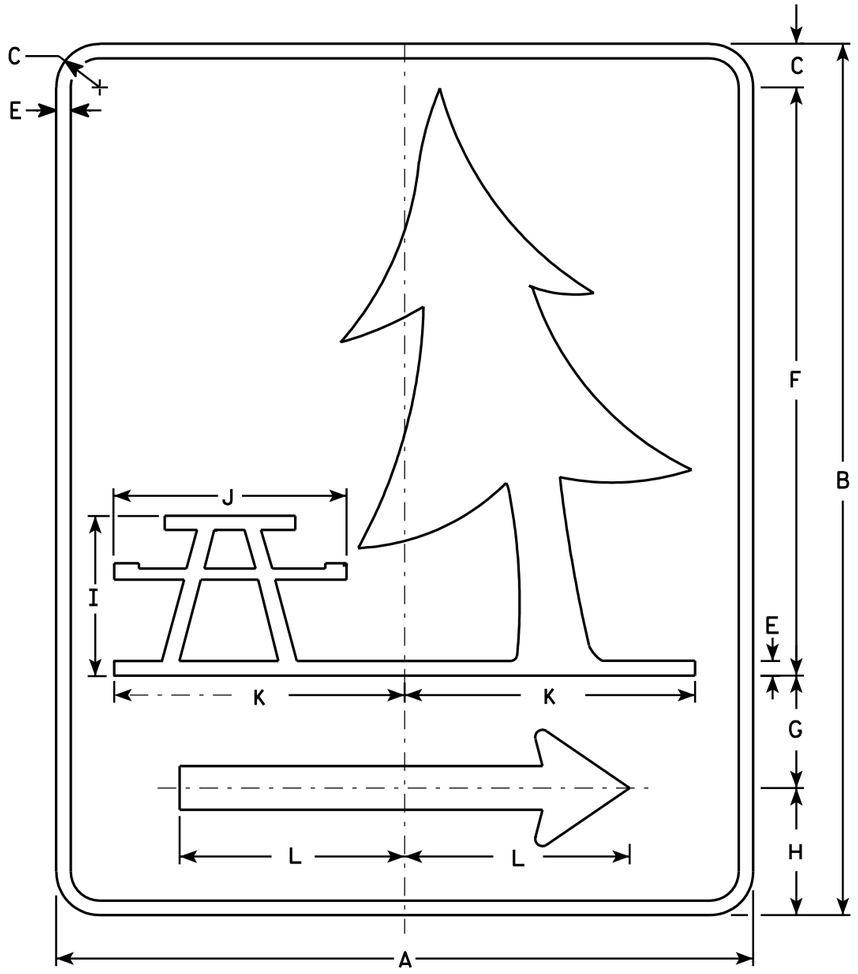
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/12/07 PLATE NO. A5-10.1

PROJECT NO:

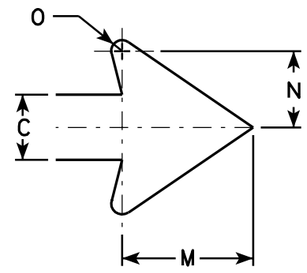
SHEET NO: 501 E



D5-5A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White - Type H Reflective
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

Metric equivalent for this sign is:

SIZE	
1	600 mm X 750 mm
2	600 mm X 750 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
1	24	30	1 ½		½	20 ¼	3 ⅞	4 ⅜	5 ½	8	10	7 ¾	3	1 ¾	¾												5.0	0.45
2	24	30	1 ½		½	20 ¼	3 ⅞	4 ⅜	5 ½	8	10	7 ¾	3	1 ¾	¾												5.0	0.45
3																												
4																												
5																												

STANDARD SIGN
D5-5A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 02/21/03 PLATE NO. D5-5A.6

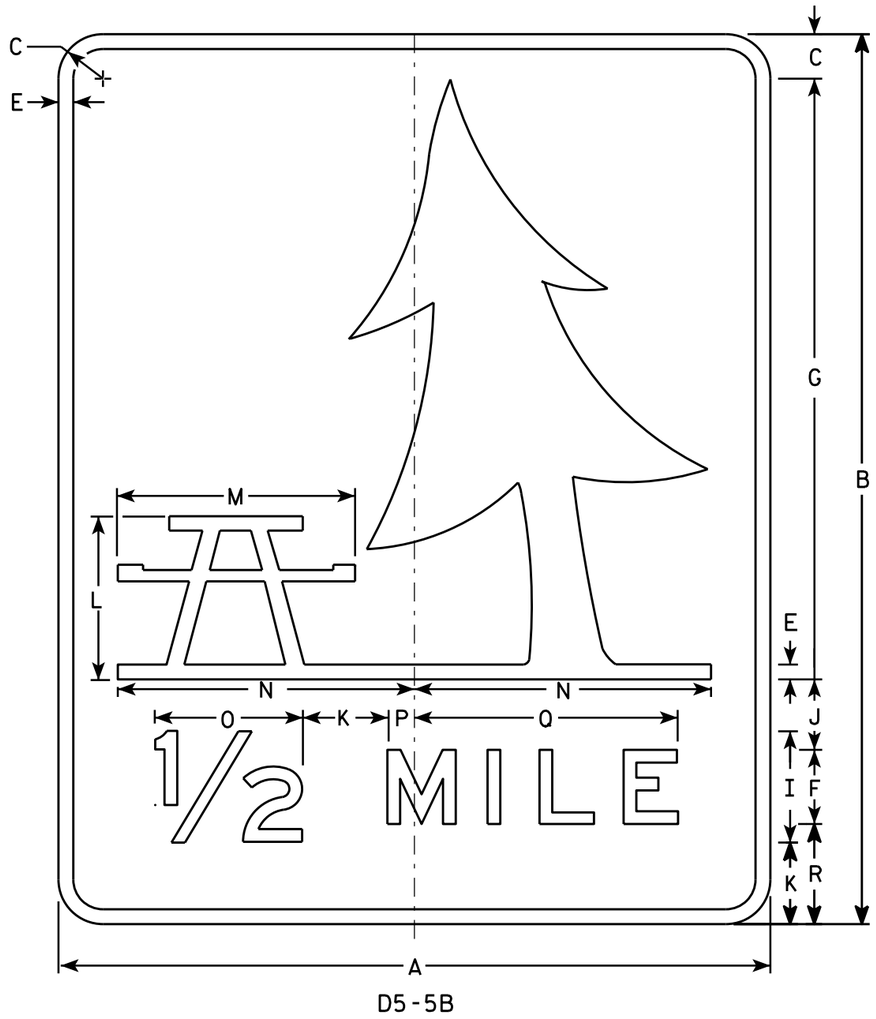
STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 502	E

FILE NAME : D:\Users\Projects\tr_stdplate\D55A.DGN PLOT DATE : 25-FEB-2003 11:32 PLOT BY : DOTSJA PLOT NAME : ORG DATE : 1990 Originator : Sandy Anderson PLOT SCALE : 5.217950:1.000000

WISDOT/CADDS SHEET 42

57,58,59,60,61,62, 57

LEVELS ON - 2,3, 5,6, 10,



D5-5B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White - Type H Reflective
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area Sq. Ft
1	24	30	1 ½		½	2 ½	20 ¼	2 ⅜	3 ¾	1 ¼	2 ⅞	5 ½	8	10	5	⅞	8 ⅞	3 ⅜									5.0
2	24	30	1 ½		½	2 ½	20 ¼	2 ⅜	3 ¾	1 ¼	2 ⅞	5 ½	8	10	5	⅞	8 ⅞	3 ⅜									5.0
3																											
4																											
5																											

STANDARD SIGN
D5-5B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

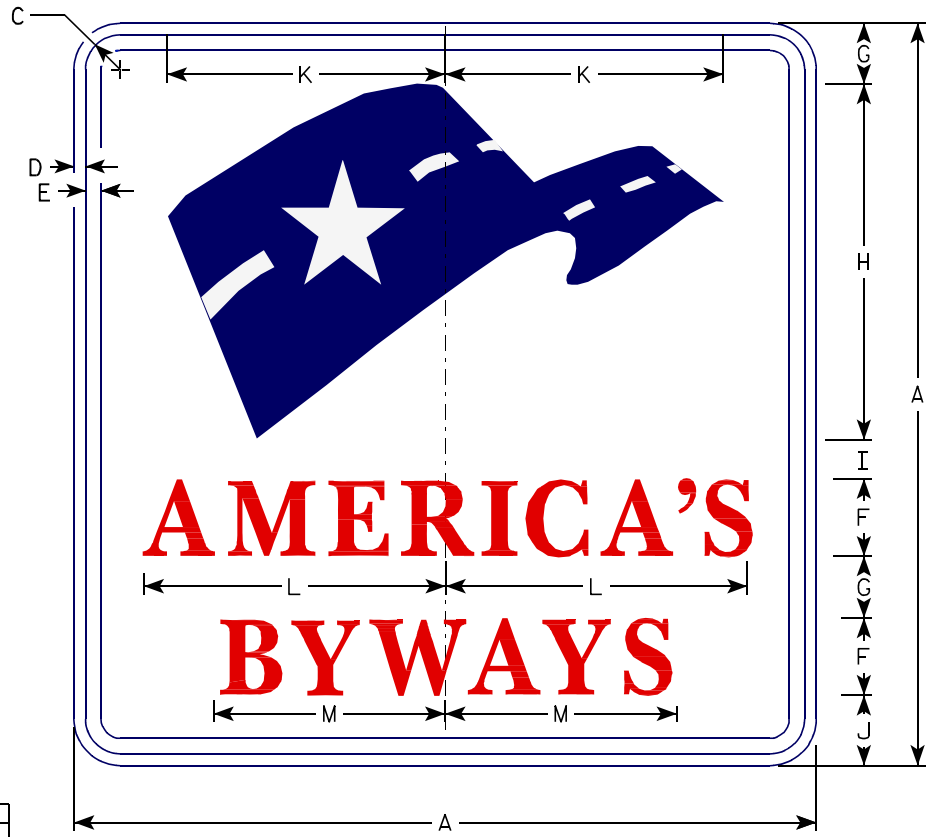
DATE 9/25/13 PLATE NO D5-5B.7

PROJECT NO:

SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\D55B.DGN PLOT DATE : 25-SEP-2013 13:15 PLOT BY : mscj9h

WISDOT/CADDS SHEET 42



D6-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - RED Logo is Blue with White dashes and Star.
3. Message Series - SPECIAL FONT (See MUTCD Standard Highway Signs Manual)
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	
4	900 mm X 900 mm
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1																												
2	24		1 1/8	3/8	1/2	2 1/2	2	11 1/2	1 1/4	2 1/4	9	9 3/4	7 1/2														4.0	0.36
3																												
4	36		1 5/8	3/4	5/8	3 3/4	3	17 1/4	1 7/8	3 3/8	13 1/2	14 5/8	11 1/4														9.0	0.81
5																												

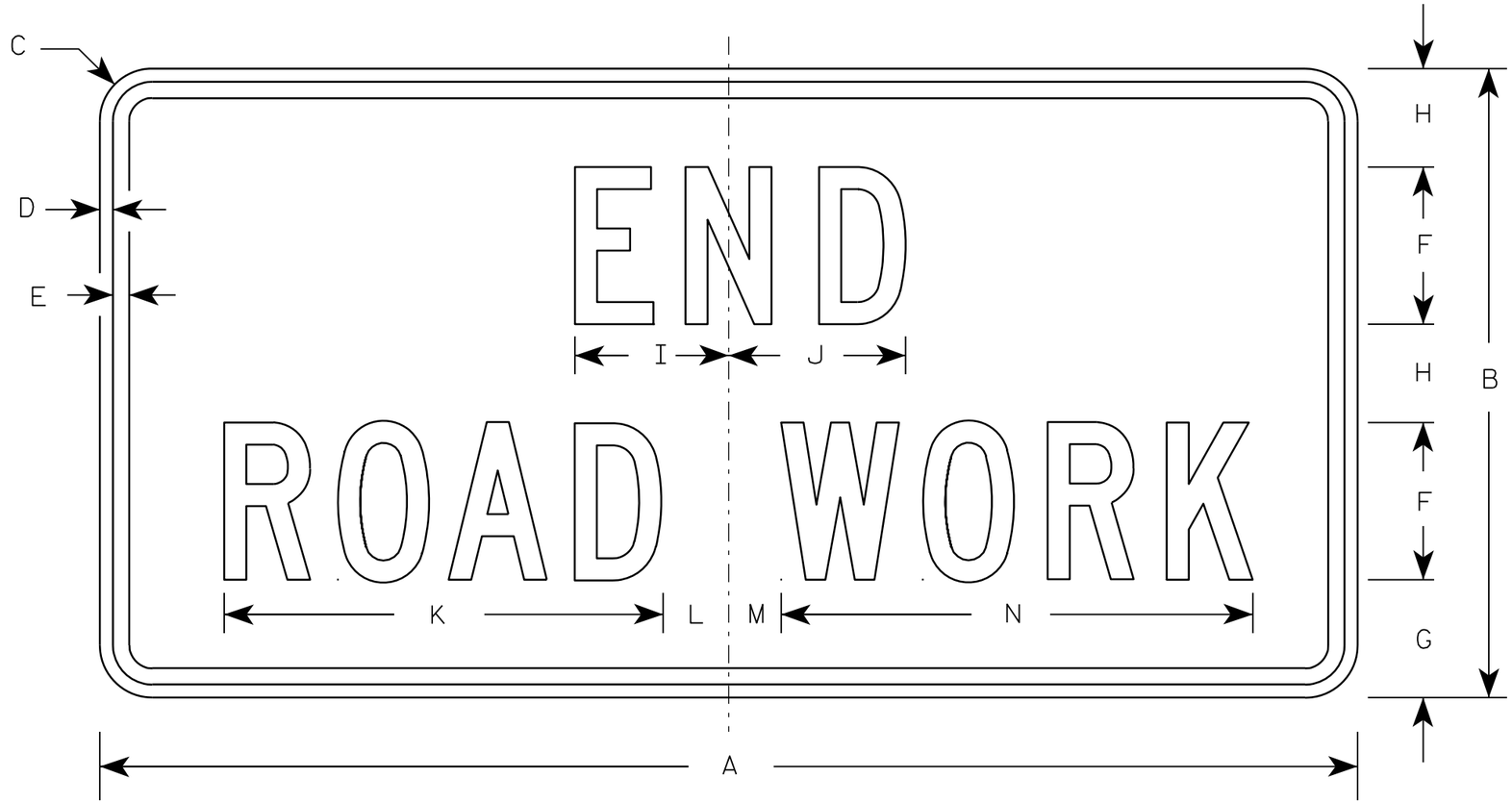
STANDARD SIGN
D6-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/30/10 PLATE NO. D6-4.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

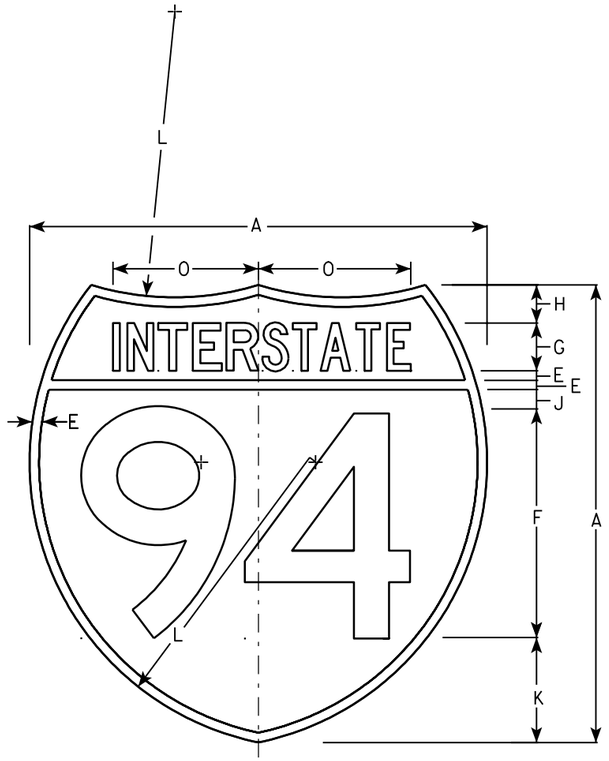
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

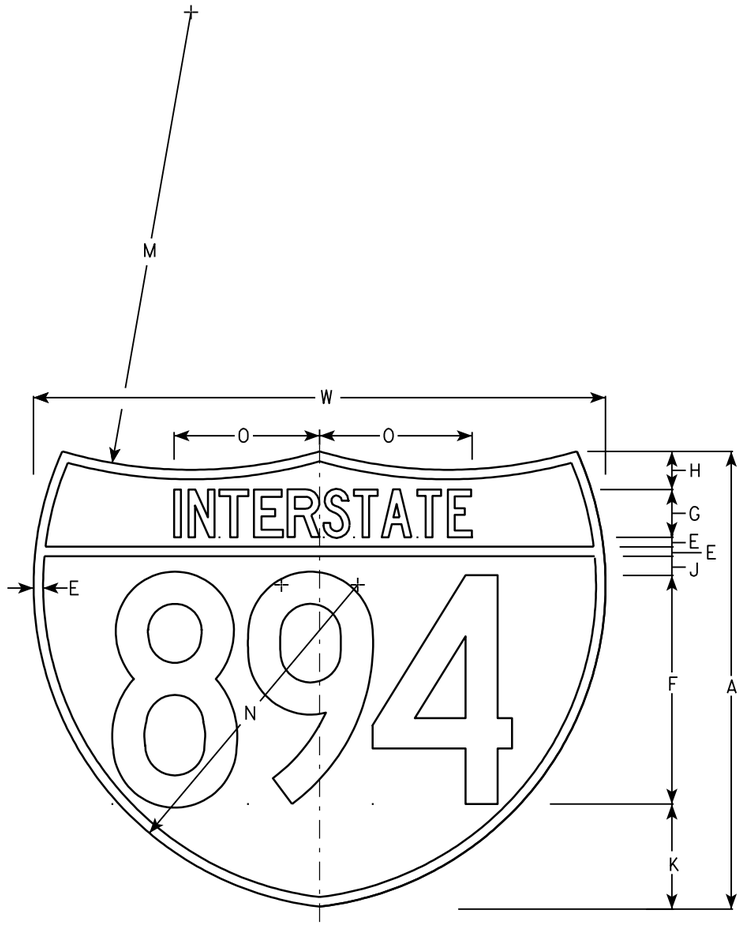
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 505	E



M1-1



M1-1A

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Top Red - Bottom Blue (See Note 6)
   Message - White - See Note 6
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - C
6. Permanent Signs
   Message - Type H Reflective
   Detour or other temporary signs
   Background - Reflective
   Message - Reflective

7

7

Metric equivalent for these signs are:

SIZE	M1-1	SIZE	M1-1A
1			
2	600 mm X 600 mm	2	600 mm X 750 mm
3	900 mm X 900 mm	3	900 mm X 1125 mm
4	900 mm X 900 mm	4	900 mm X 1125 mm
5	900 mm X 900 mm	5	900 mm X 1125 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	M1-1 Area sq. ft.	M1-1A Area sq. ft.	M1-1 Area m2	M1-1A Area m2
1																													
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91	.36	.46
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05

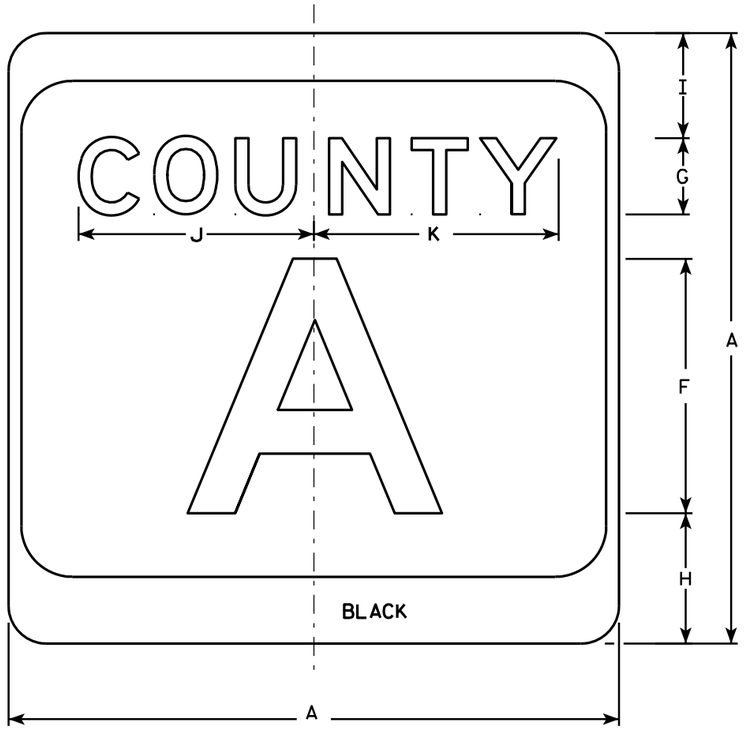
INTERSTATE ROUTE MARKER M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

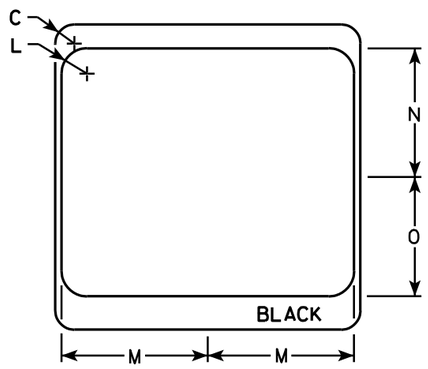
APPROVED Matthew R Rauch
for State Traffic Engineer

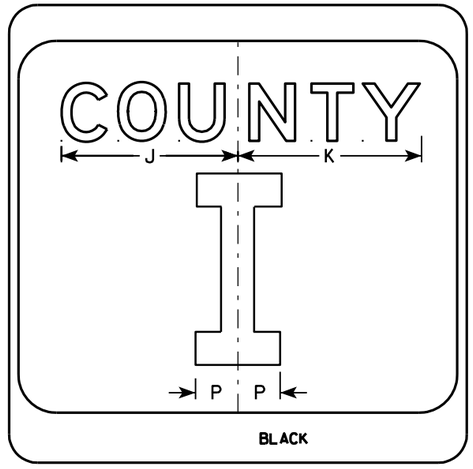
DATE 08/23/05 PLATE NO. M1-1.8

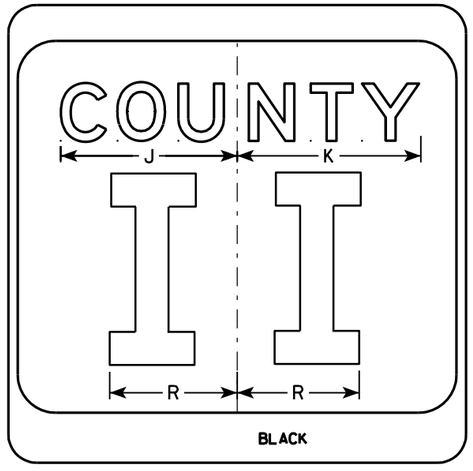
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 506	E



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

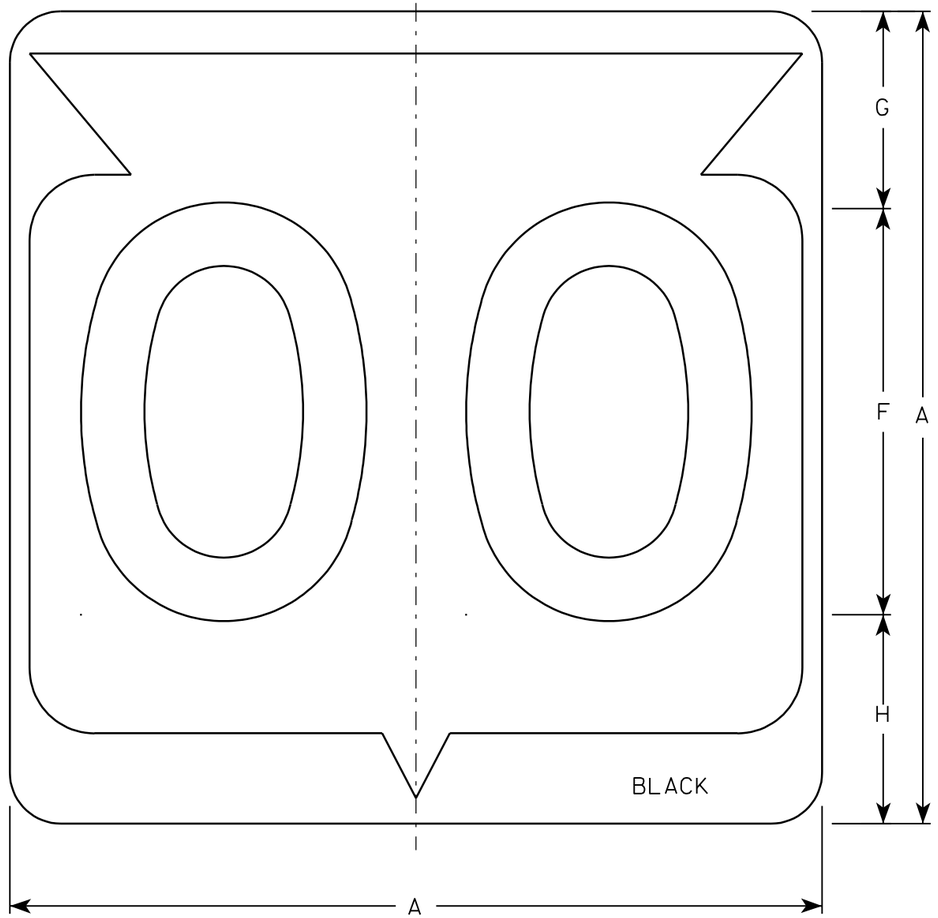
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

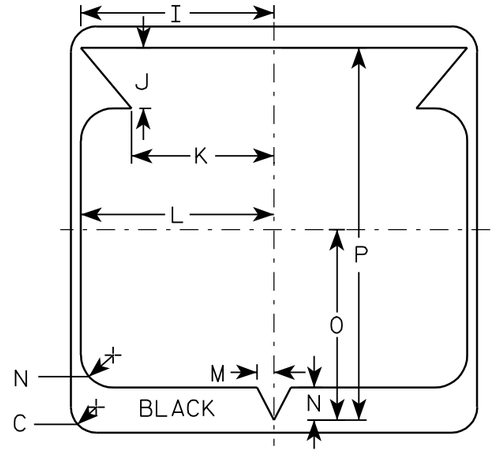
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 507	E



M1-6

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 6
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective



Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0	.36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81

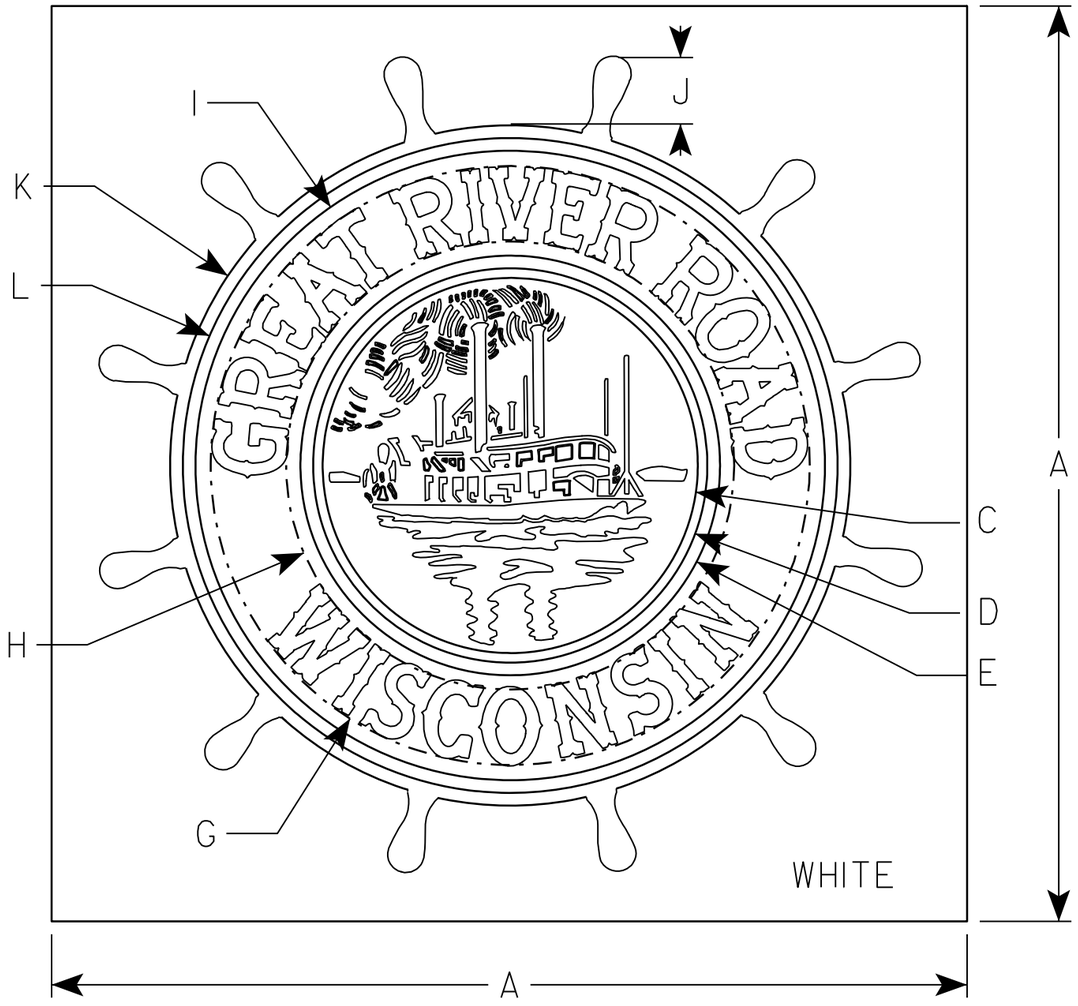
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

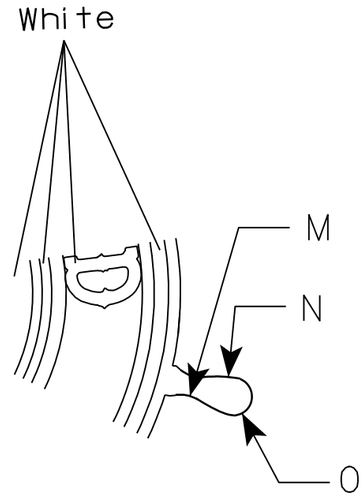
DATE 3/20/02 PLATE NO. M1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 508	E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Words - White - Graphics - Green
3. Message Series - Special
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		R 5	R 5 1/4	R 5 1/2		R 7 7/8	R 5 7/8	R 8 1/2	1 3/4	R 4 1/2	R 8 1/2	R 7/8	R 3 1/2	R 1/2												4.0
3																											
4	36		R 7 3/8	R 7 3/4	R 8 1/4		R 11 3/4	R 8 3/4	R 12 3/8	2 5/8	R 13 3/8	R 12 7/8	R 1 3/8	R 5 1/4	R 3/4												9.0
5																											

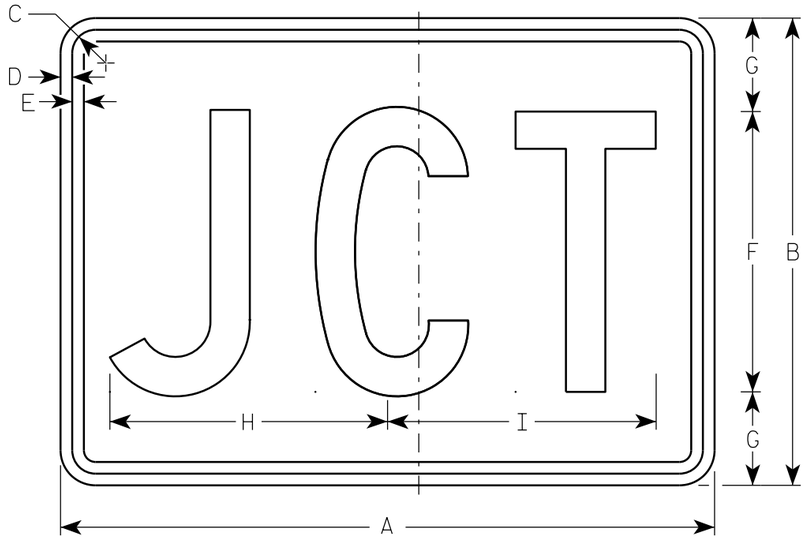
STANDARD SIGN
M1-96

WISCONSIN DEPT OF TRANSPORTATION

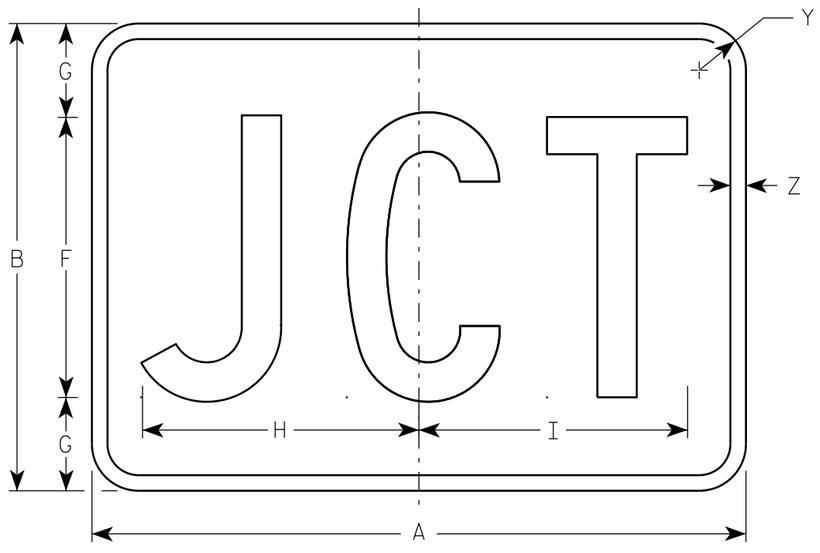
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/10 PLATE NO. M1-96.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 509 | E



M2-1
MK2-1
MM2-1
MN2-1
MR2-1



MB2-1

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

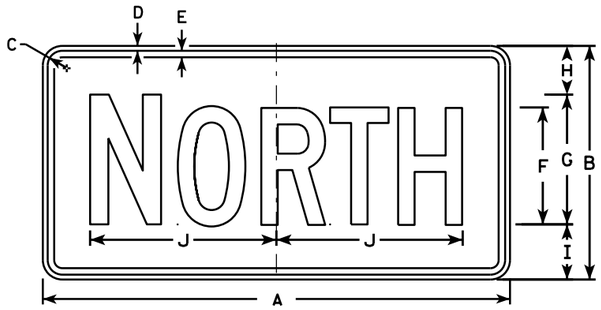
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

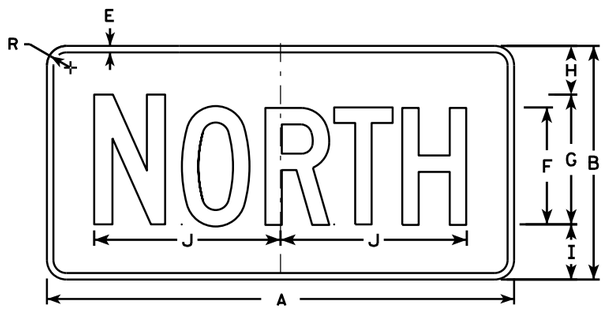
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/30/14 PLATE 510 "2-1.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



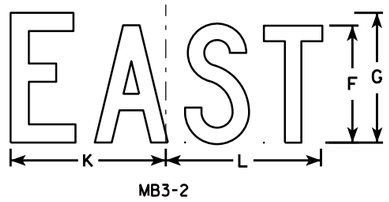
M3-1
MK3-1
MM3-1
MN3-1



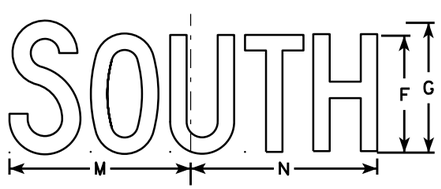
MB3-1



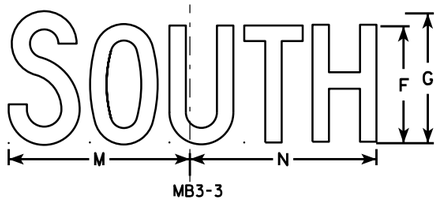
M3-2
MK3-2
MM3-2
MN3-2



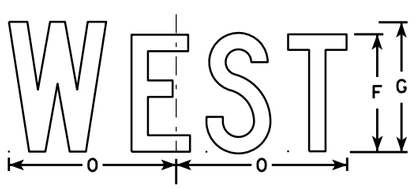
MB3-2



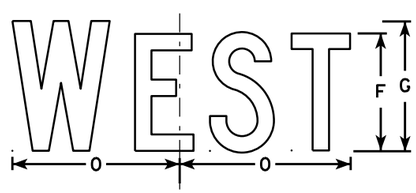
M3-3
MK3-3
MM3-3
MN3-3



MB3-3



M3-4
MK3-4
MM3-4
MN3-4



MB3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

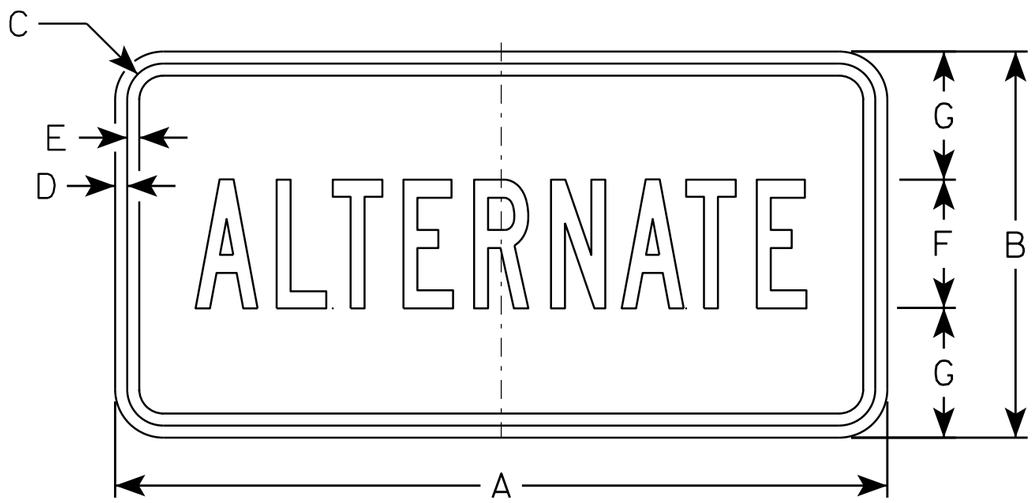
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

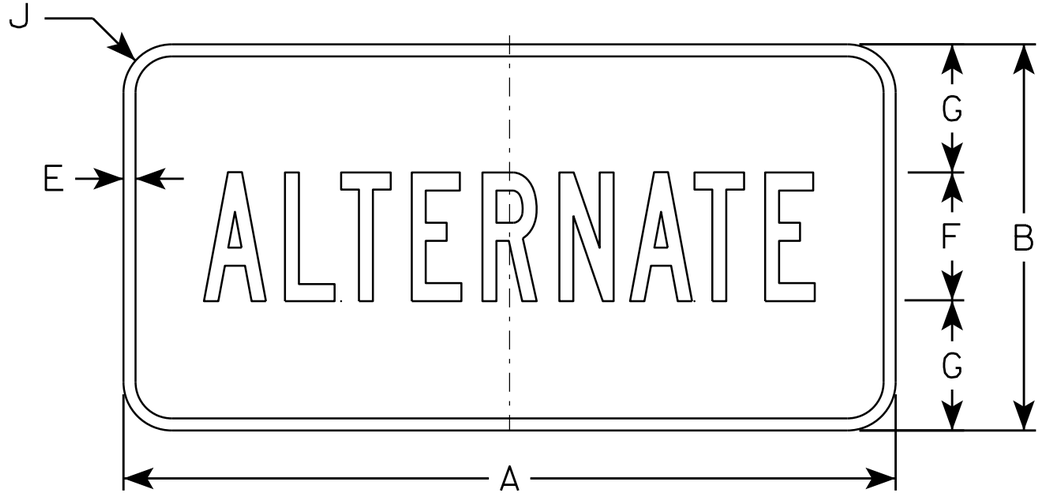
DATE 6/30/14 PLATE NO. M3-1.13

PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

7



M4-1
MO4-1



MB4-1

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See Note 5
   Message - See note 5
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-1 Background - White
   Message - Black

   MB4-1 Background - Blue
   Message - White

   MO4-1 Background - Orange - Type F
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	4	4	9 3/4	9 1/2	1 1/2																	2.00
3	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
4	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5
5	36	18	1 1/8	3/8	1/2	7	5 1/2	16 3/8	16 1/2	1 1/2																	4.5

STANDARD SIGN
M4-1

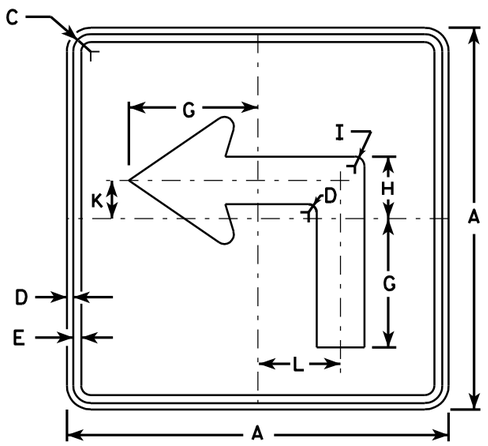
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

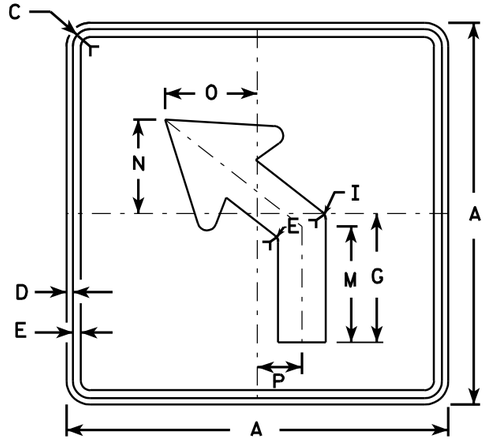
DATE 6/30/14 PLATE 14-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

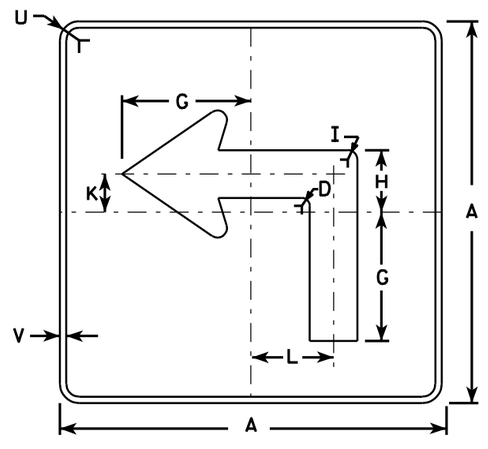
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M41.DGN PLOT DATE : 30-JUN-2014 15:38 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 4.708937:1.000000 WISDOT/CADDS SHEET 42



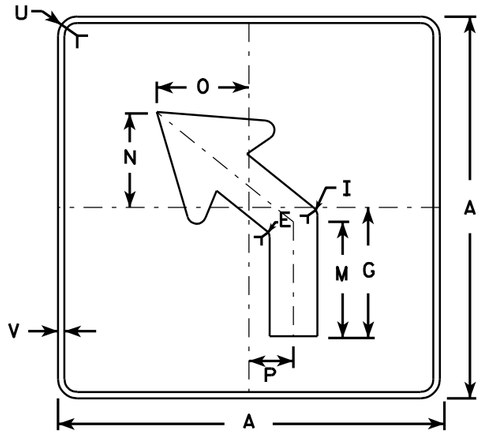
M5-1L
MK5-1L
MM5-1L
MO5-1L
MP5-1L
MR5-1L



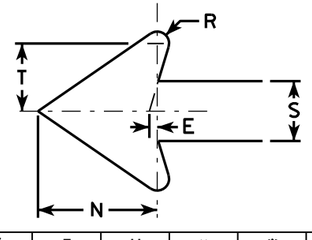
M5-2L
MK5-2L
MM5-2L
MO5-2L
MP5-2L
MR5-2L



MB5-1L
MG5-1L
MN5-1L



MB5-2L
MG5-2L
MN5-2L



NOTES

1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White - Type H Reflective
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White - Type H Reflective
   MG5-1 and MG5-2 Background - Green
   Message - White - Type H Reflective
   MK5-1 and MK5-2 Background - Green
   Message - White Type H Reflective
   MM5-1 and MM5-2 Background - White - Type H Reflective
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White - Type H Reflective
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow - Type H Reflective
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 1/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

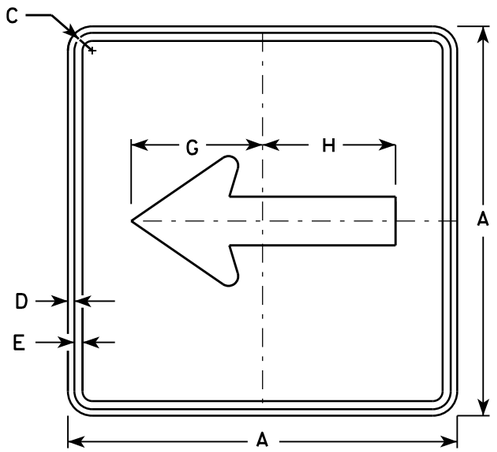
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

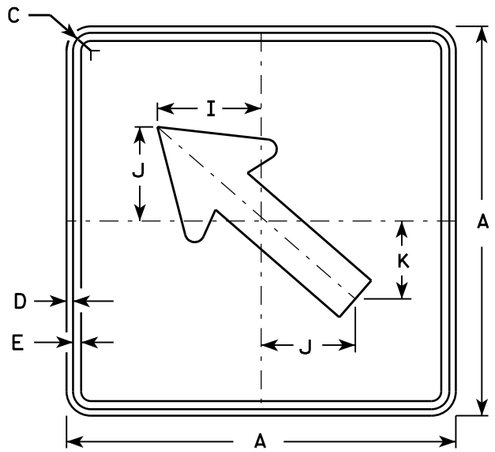
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/29/13 PLATE NO. M5-1.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 513 | E



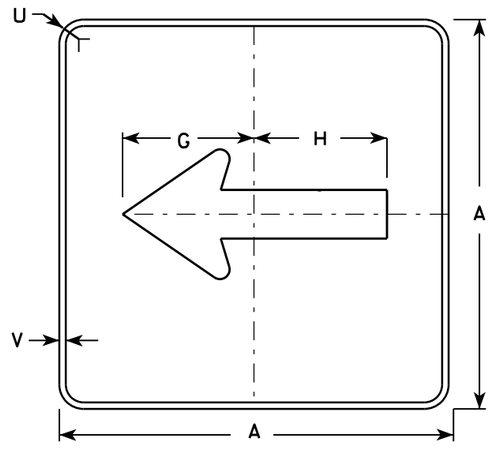
M6-1
MK6-1
MM6-1
MN6-1
MO6-1
MP6-1
MR6-1



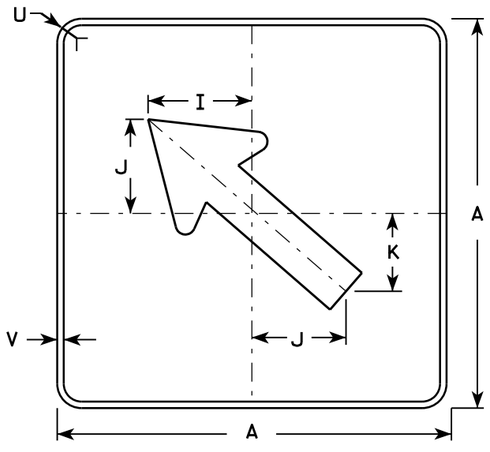
M6-2
MK6-2
MM6-2
MN6-2
MO6-2
MP6-2
MR6-2

NOTES

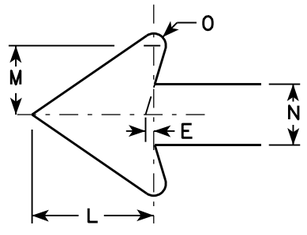
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MG6-1 and MG6-2 Background - Green
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1



MB6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

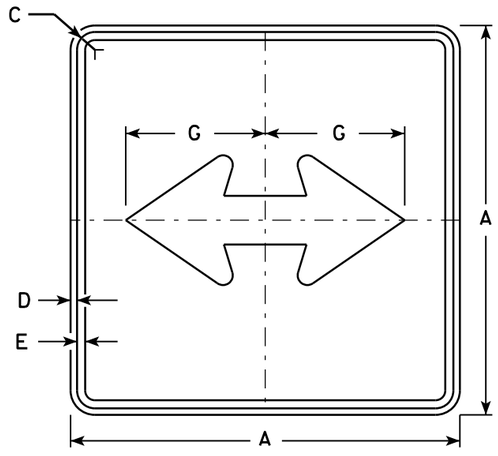
STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

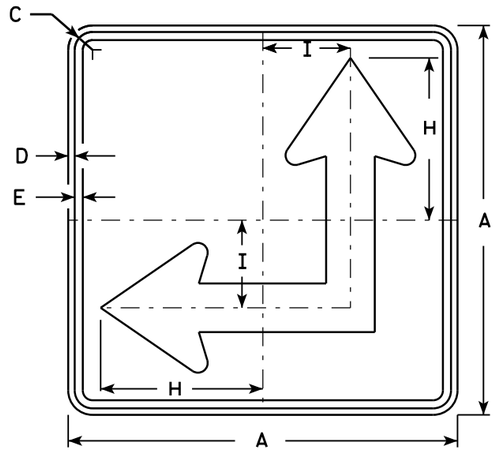
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/03/14 PLATE 514 M6-1.14

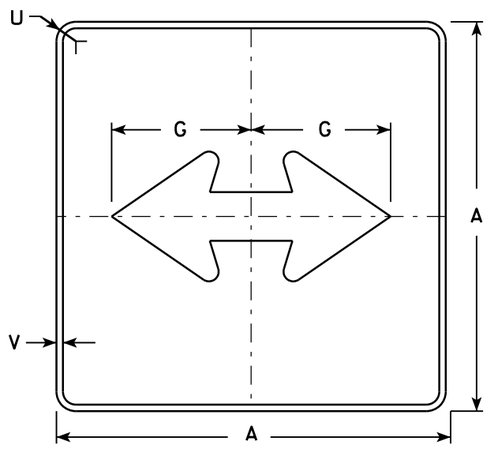
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



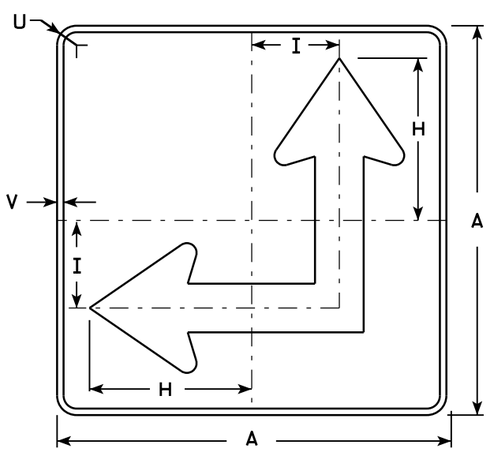
M6-4
MK6-4
MM6-4
MN6-4
MO6-4
MP6-4
MR6-4



M6-6
MK6-6
MM6-6
MN6-6
MO6-6
MP6-6
MR6-6



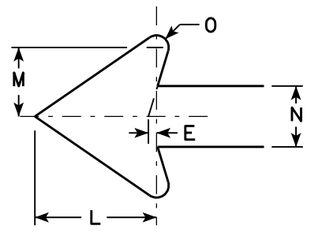
MB6-4



MB6-6

NOTES

1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN M6-4 & M6-6 SERIES

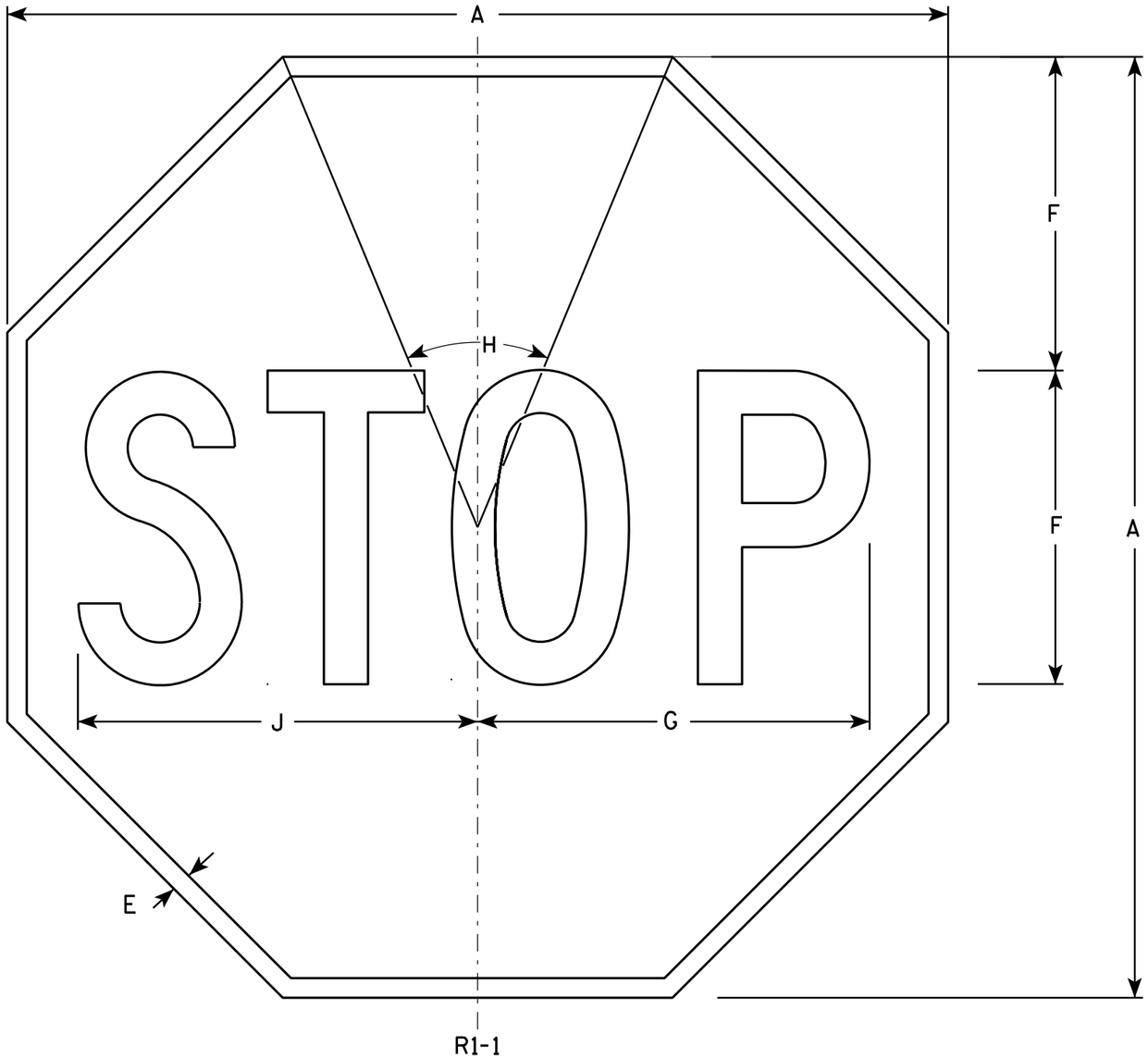
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 7/03/14 PLATE M6-4.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 03-JUL-2014 14:56 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

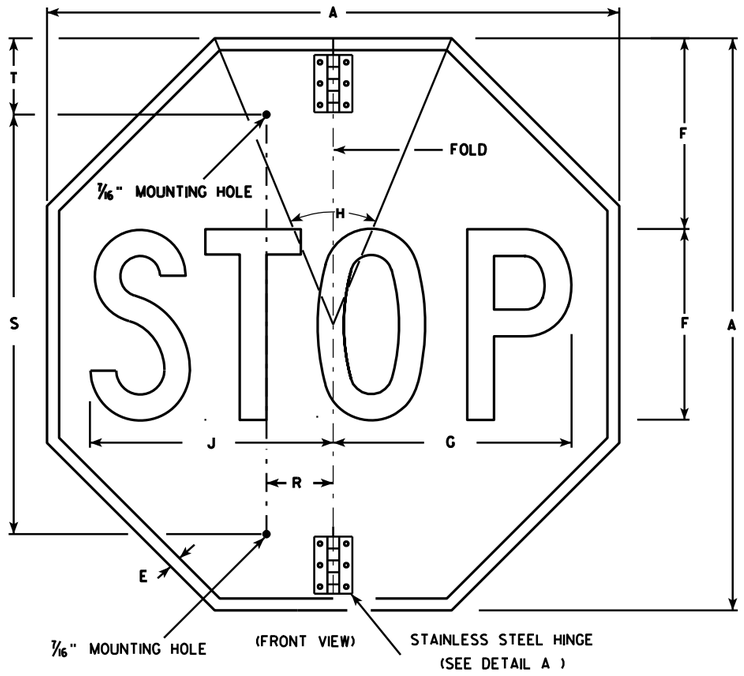
STANDARD SIGN
R1-1

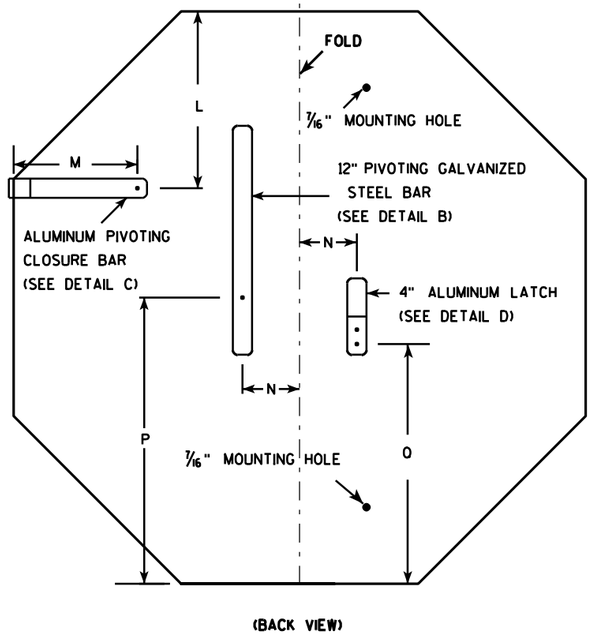
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

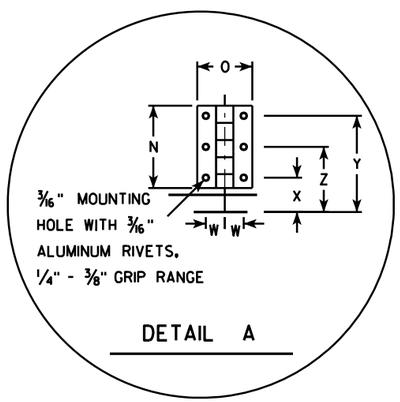
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 516	E



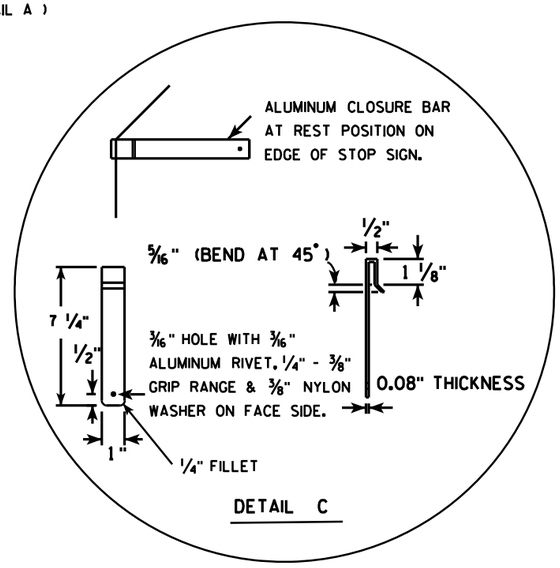


NOTES

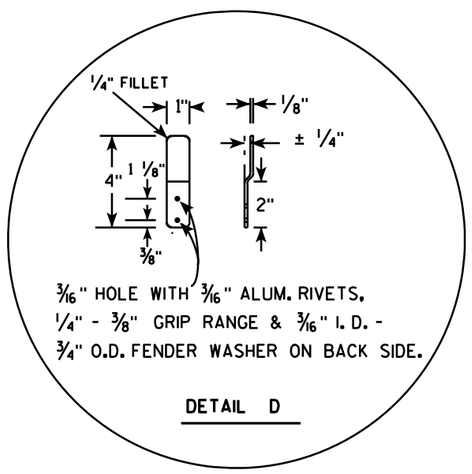
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



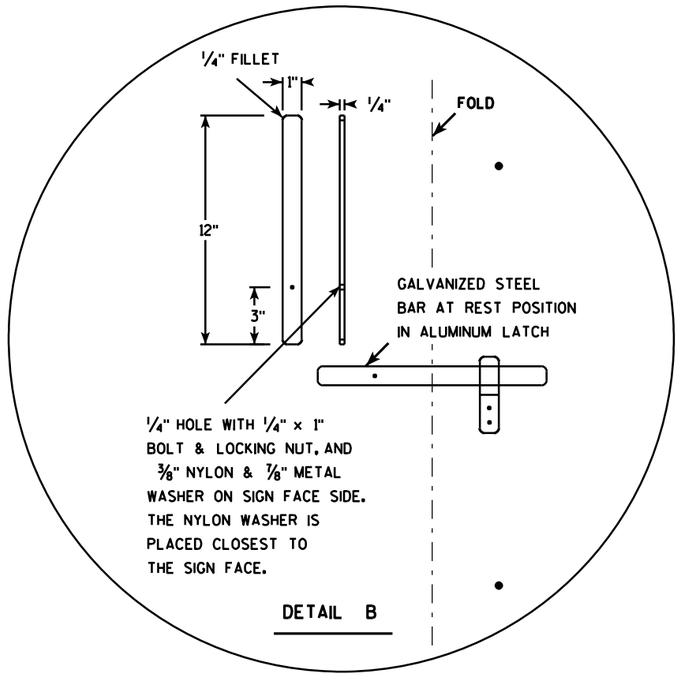
DETAIL A



DETAIL C



DETAIL D



DETAIL B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

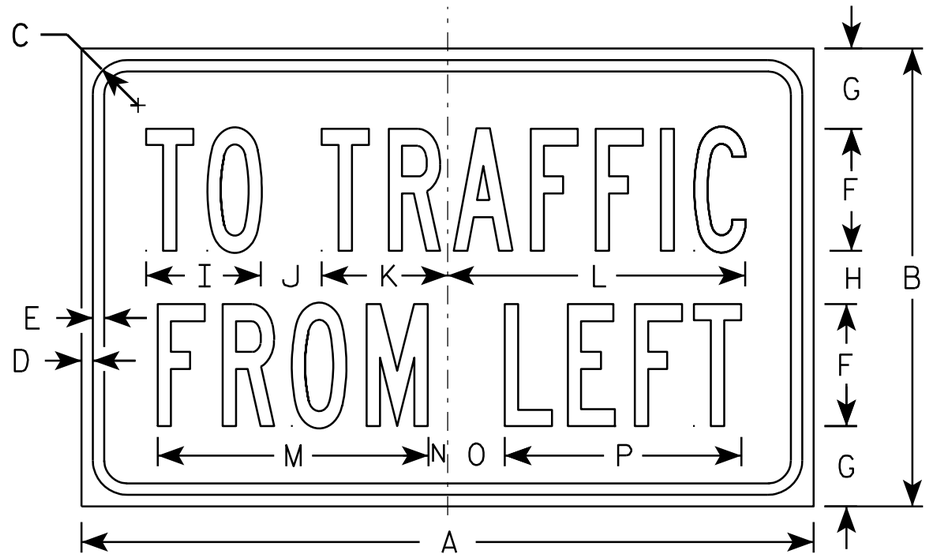
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 517	E



R1-54

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	15	1 1/8	3/8	3/8	4	2 5/8	1 3/4	3 3/4	2	4 1/8	9 3/4	8 7/8	5/8	1 7/8	7 3/4											2.5
2M	24	15	1 1/8	3/8	3/8	4	2 5/8	1 3/4	3 3/4	2	4 1/8	9 3/4	8 7/8	5/8	1 7/8	7 3/4											2.5
3																											
4																											
5																											

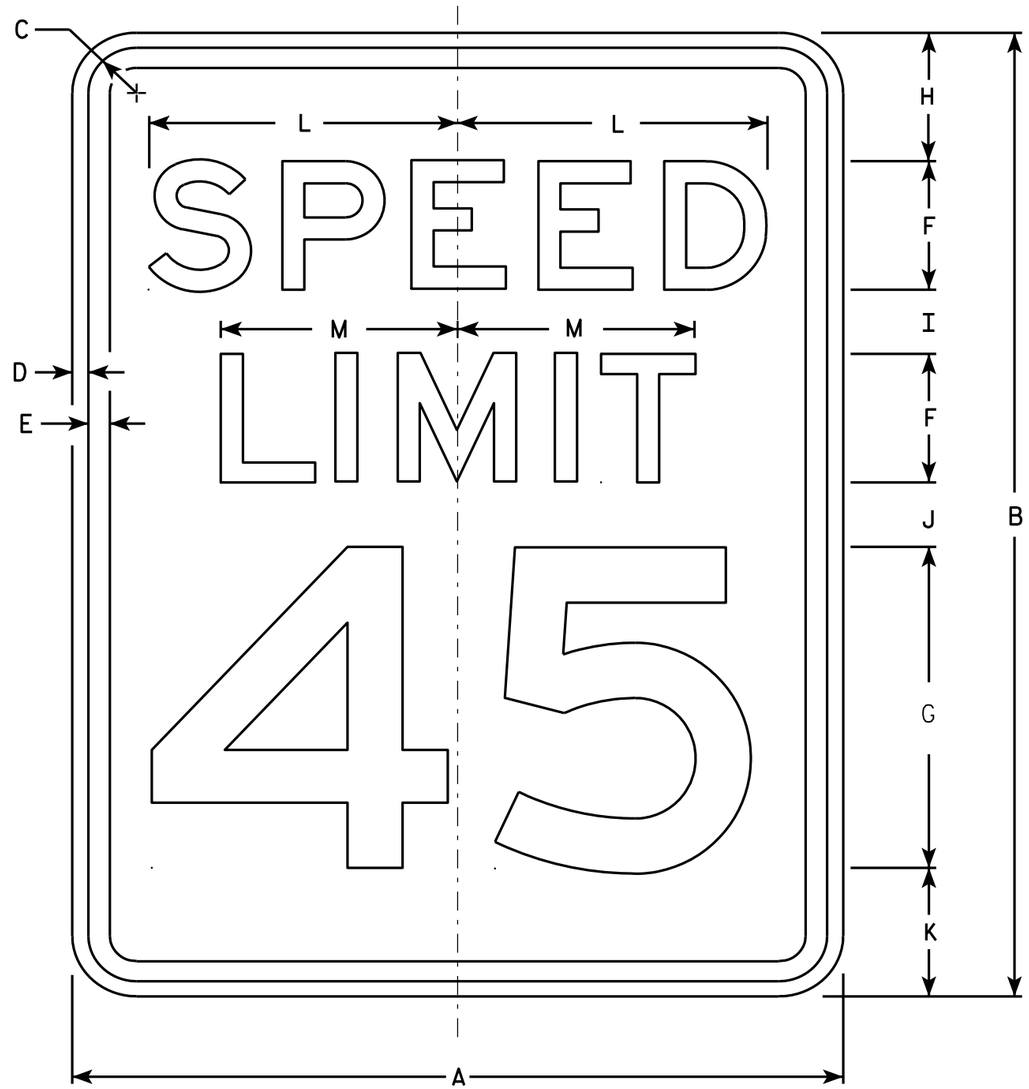
STANDARD SIGN
R1-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-54.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 518	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

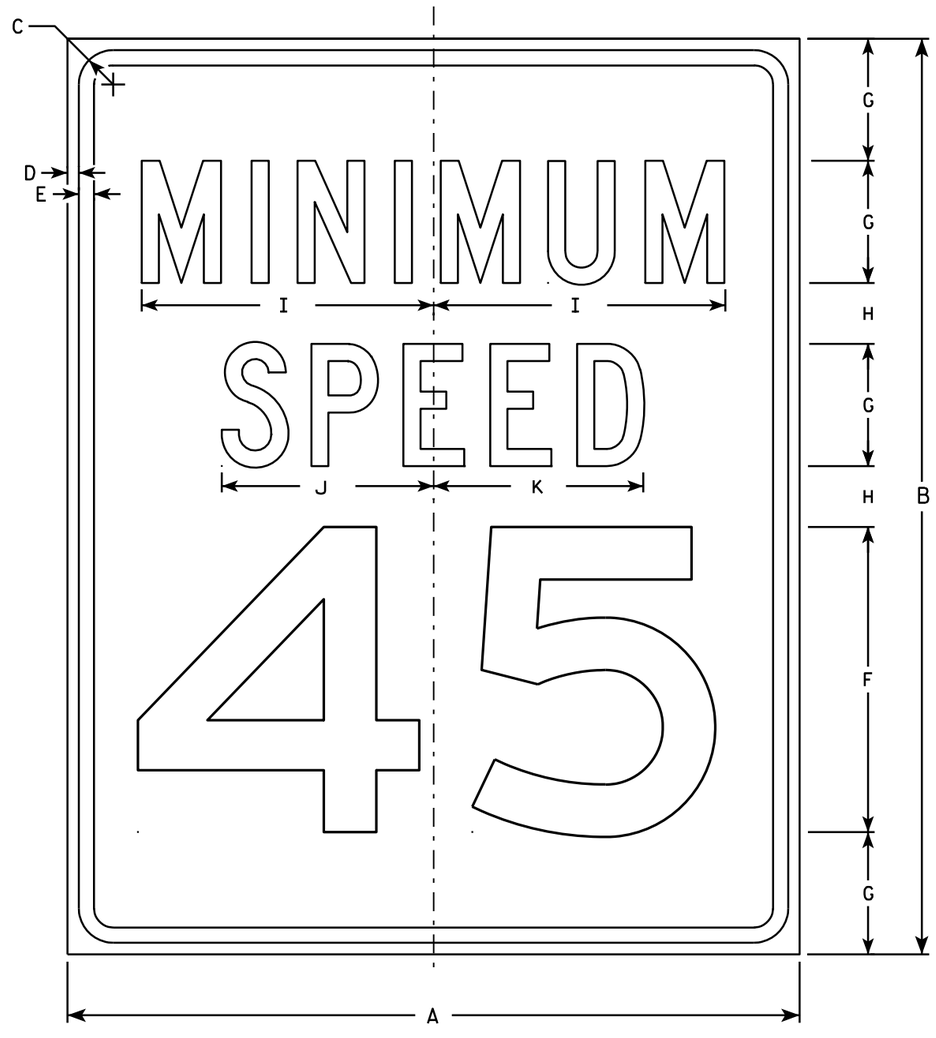
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 519 | E



R2-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Lines 1 and 2 are series C.
   Line 3 is series D.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4																											
5	48	60	2 1/4	3/4	1	20	8	4	19 1/8	13 7/8	13 3/4																20

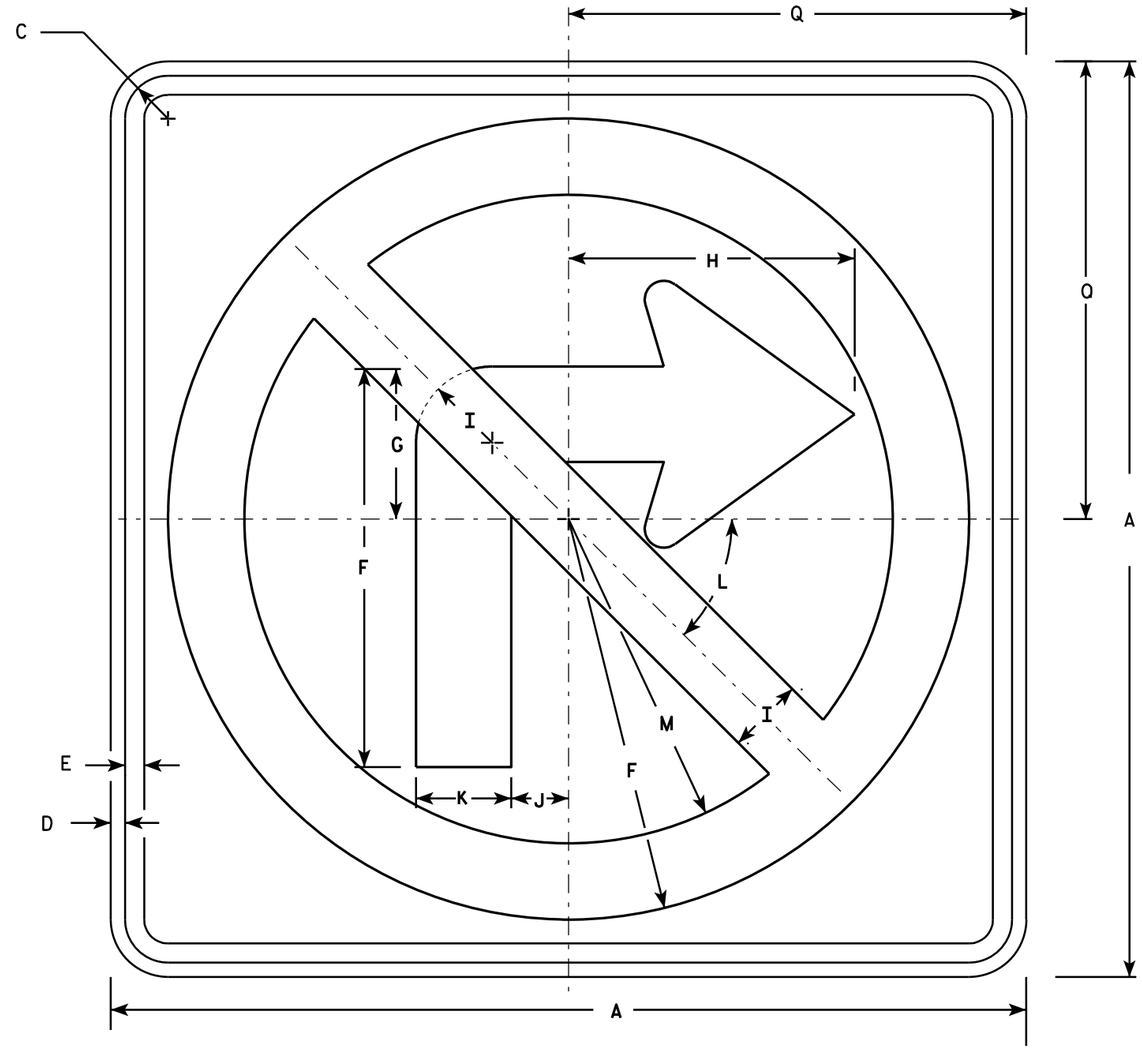
STANDARD SIGN
R2-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/2011 PLATE NO. R2-4.5

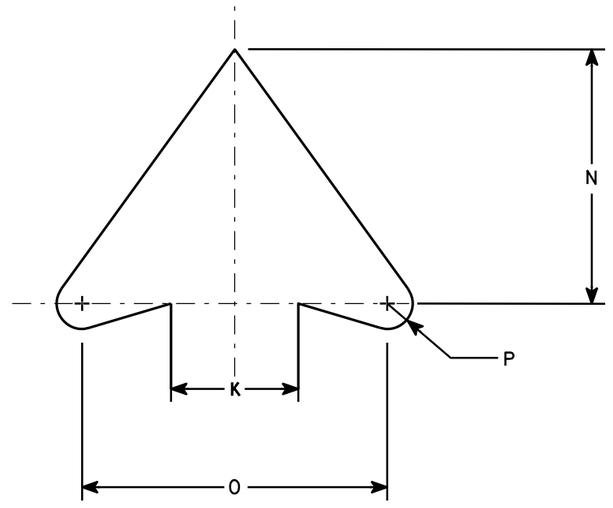
PROJECT NO: | HWY: | COUNTY: | | SHEET NO: 520 | E



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

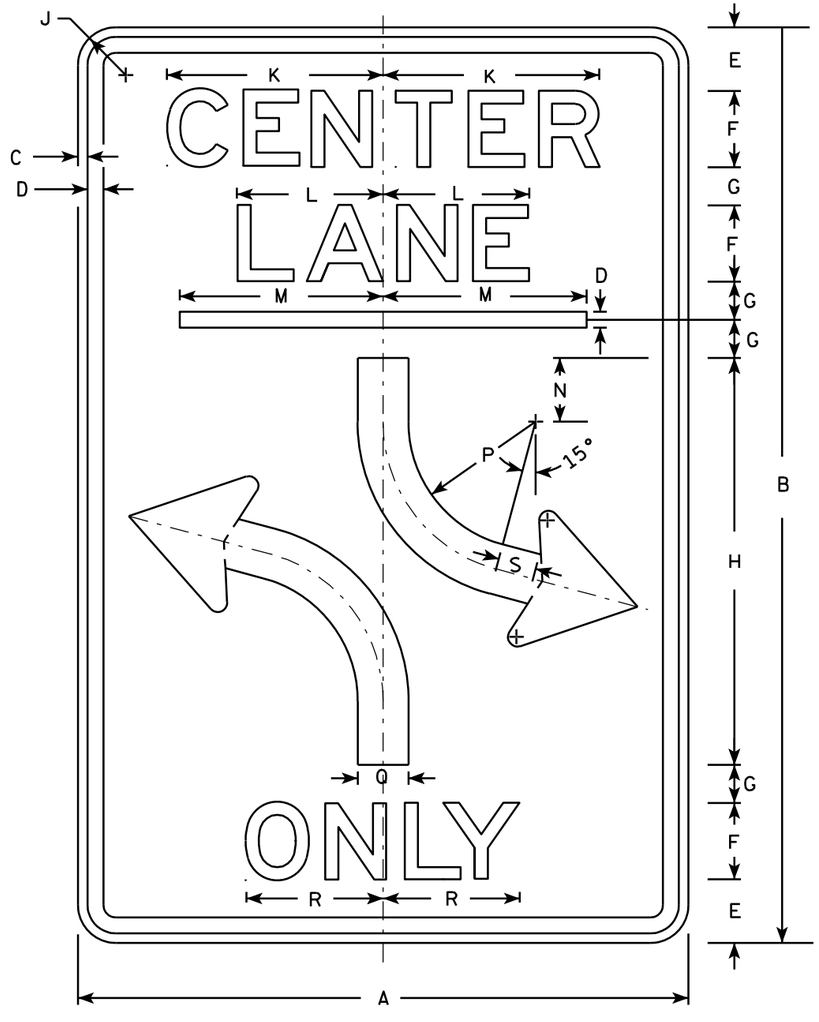
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

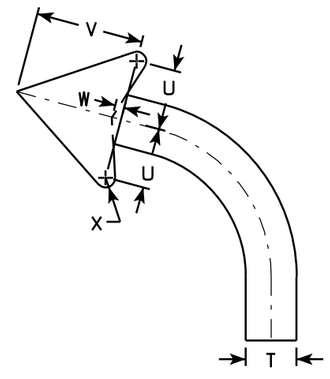
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 521	E



R3-9B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	3/8	1/2	2 1/2	3	1 1/2	16		1 1/2	8 1/2	5 3/4	8	2 1/2		6	2	5 1/8	1 1/2		2 3/8	4 3/8	3/8				6.0
2M	24	36	3/8	1/2	2 1/2	3	1 1/2	16		1 1/2	8 1/2	5 3/4	8	2 1/2		6	2	5 1/8	1 1/2		2 3/8	4 3/8	3/8				6.0
3	36	48	5/8	7/8	3 1/2	5	1 1/2	20		2 1/4	14 1/8	9 1/2	12	3		4	3	9 7/8	2		3 1/2	6 1/8	1/2				12.0
4																											
5																											

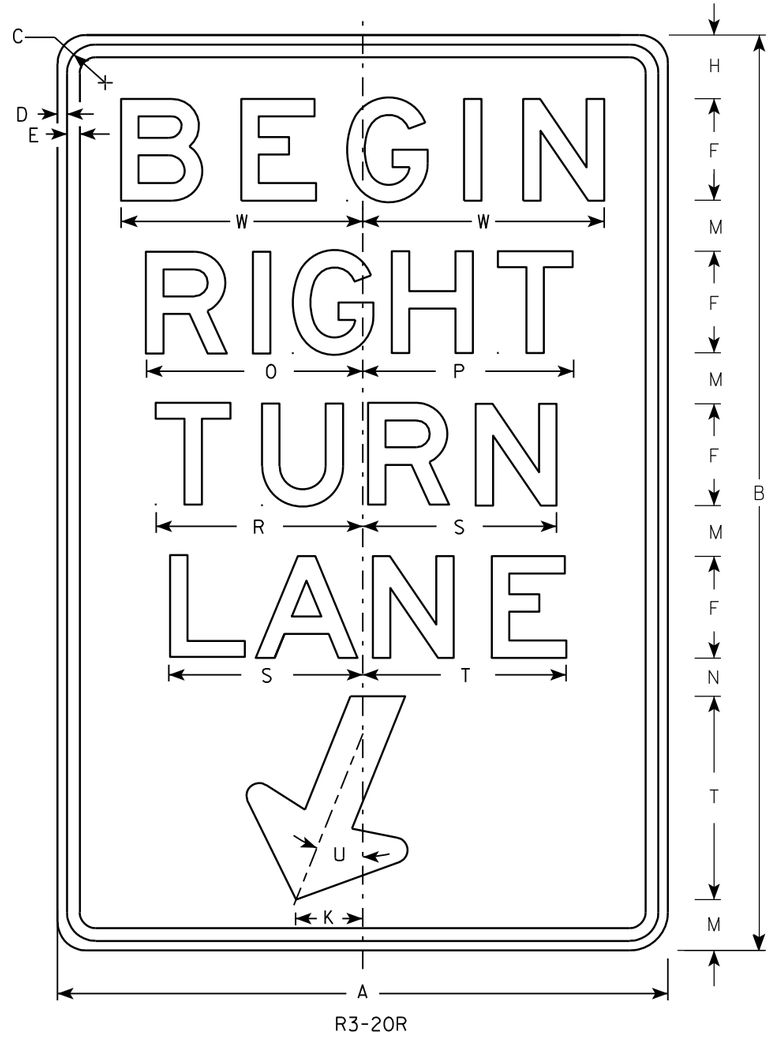
STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-9B.5

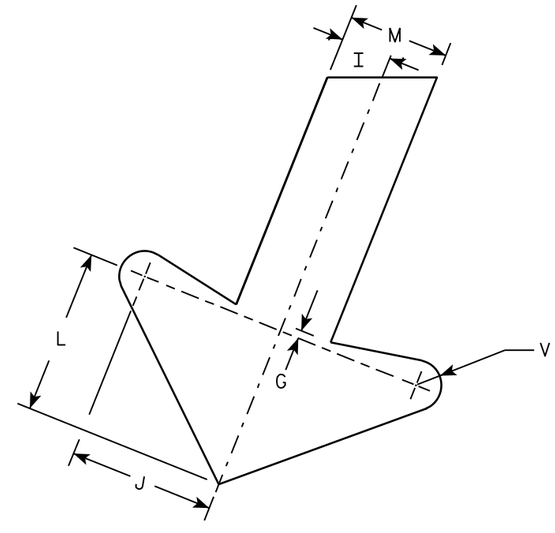
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 522	E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

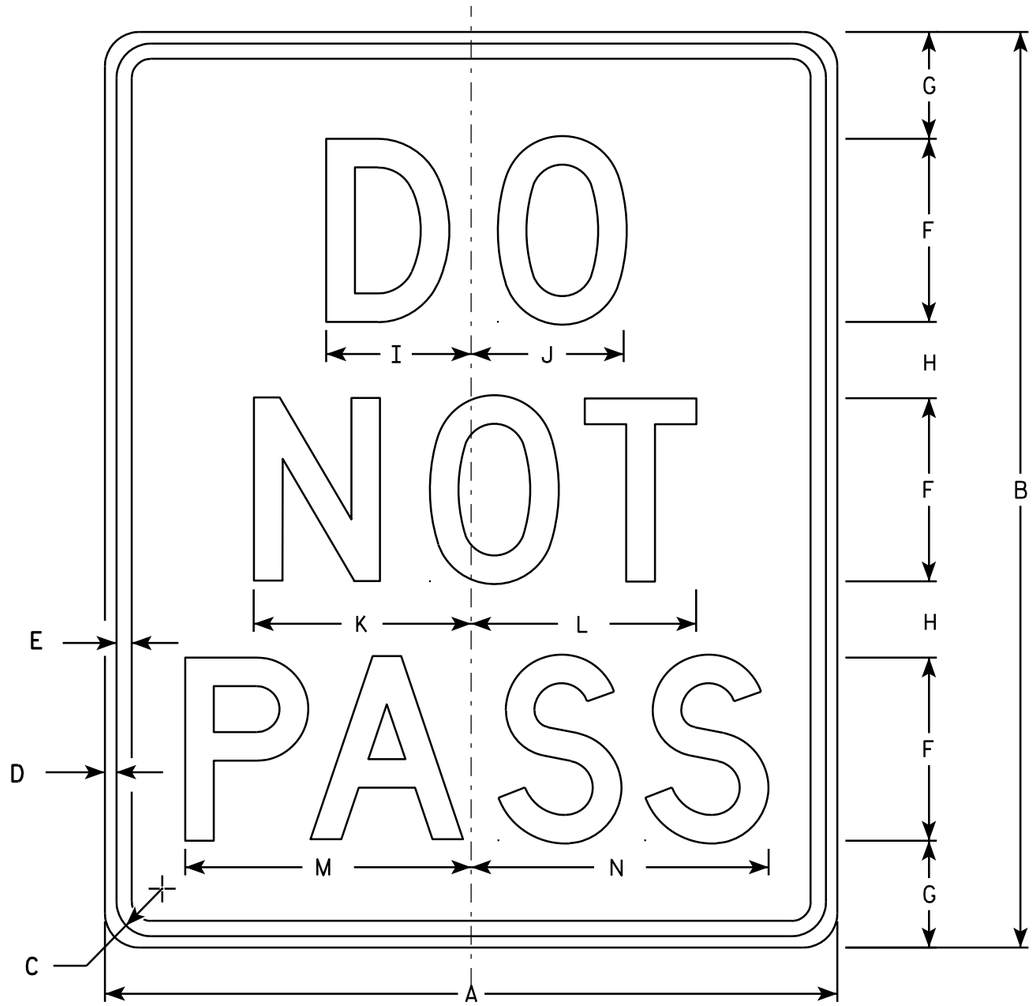
STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20R.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 523 | E



R4-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3																											
4	36	48	1 5/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	2 1/4	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

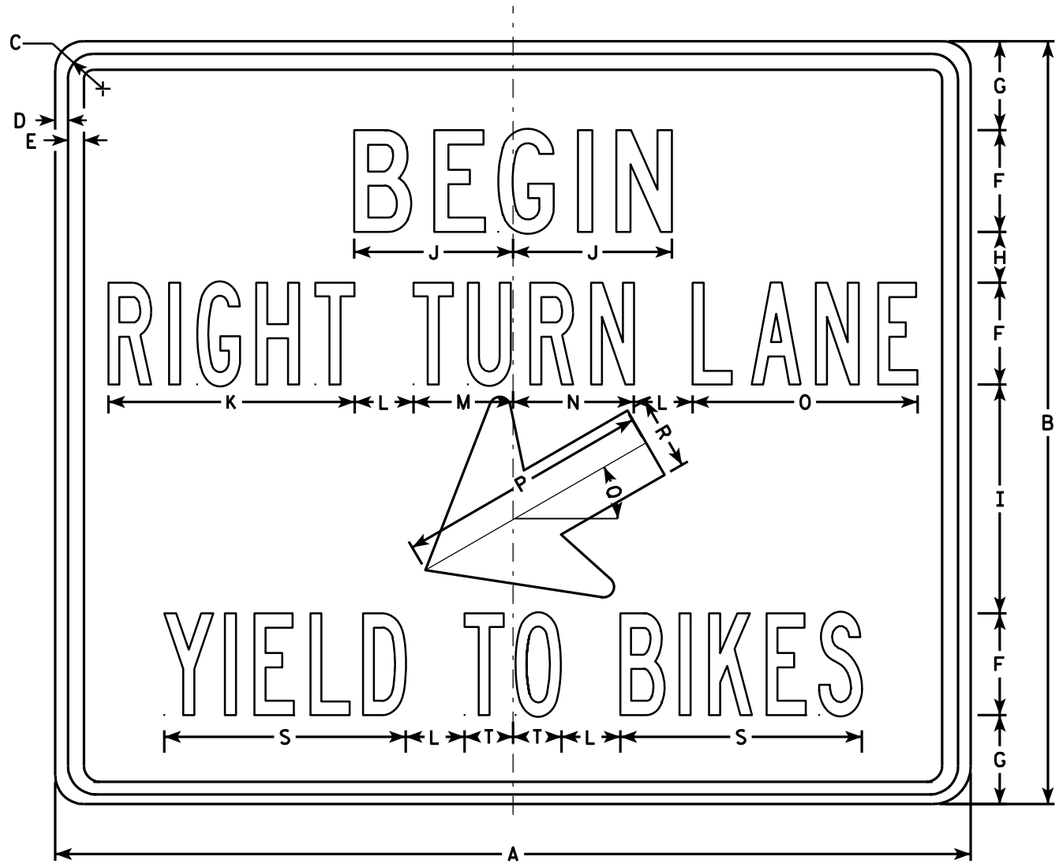
STANDARD SIGN
R4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 524 | E



R4-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series C
   Lines 2 & 3 are Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
2M	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
3																											
4																											
5																											

STANDARD SIGN
R4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-4.2

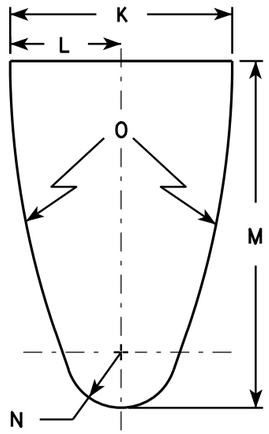
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 525 | E

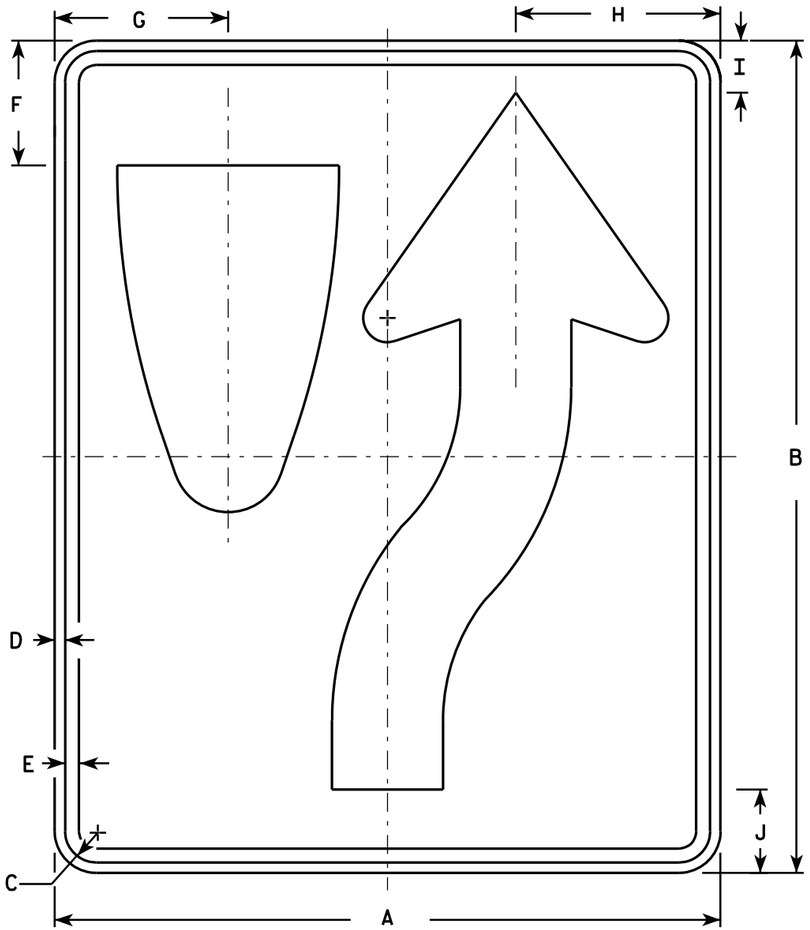
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R44.DGN PLOT DATE : 25-MAR-2011 13:45 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

7

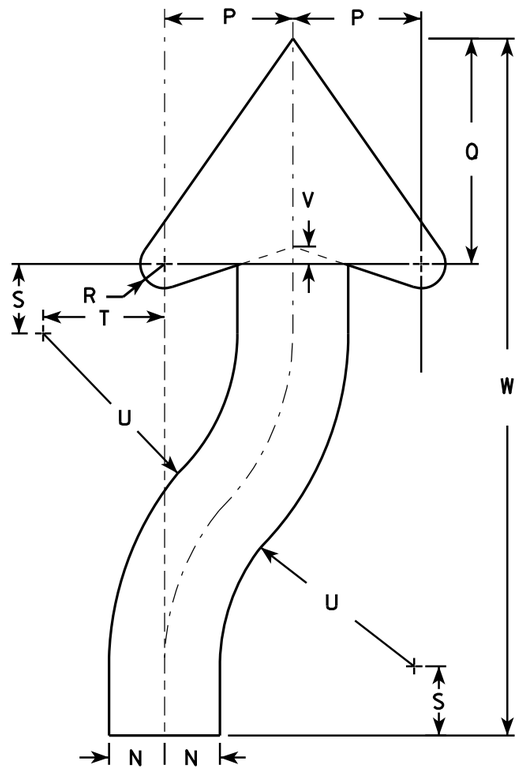




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

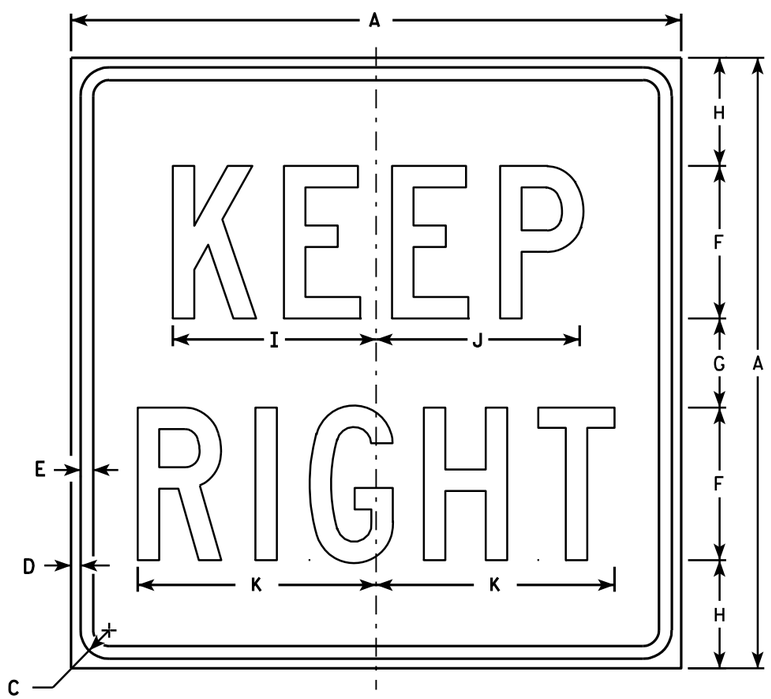
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

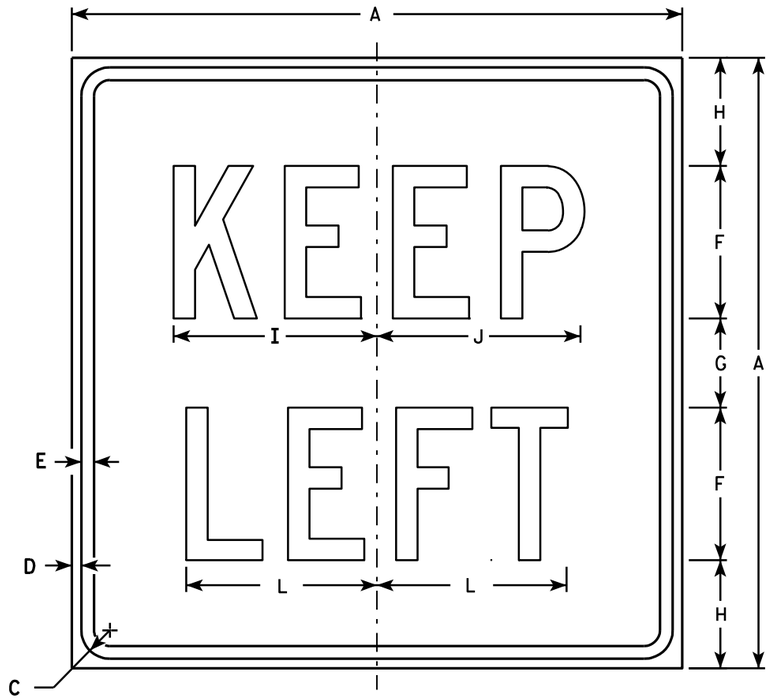
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 526	E



R4-52R



R4-52L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8	3/8	3/8	5	2	3	6 3/4	6 5/8	7 1/2	6 1/4															2.25
2S	24		1 1/8	3/8	1/2	6	3 1/2	4 1/4	8	8	9 3/8	7 1/2															4.0
2M	24		1 1/8	3/8	1/2	6	3 1/2	4 1/4	8	8	9 3/8	7 1/2															4.0
3	36		1 5/8	5/8	3/4	10	5	5 1/2	13 1/2	13 3/8	14 1/2	12 1/2															9.0
4																											
5																											

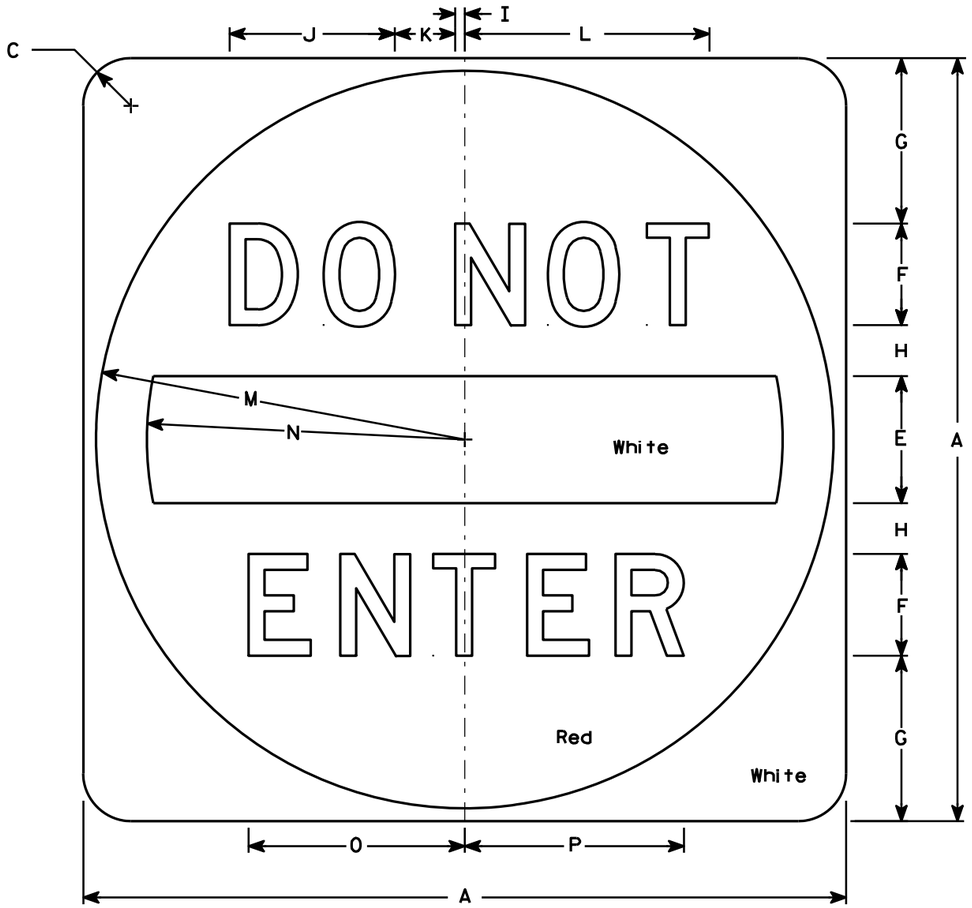
STANDARD SIGN
R4-52R & R4-52L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R4-52.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 527 | E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.26
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

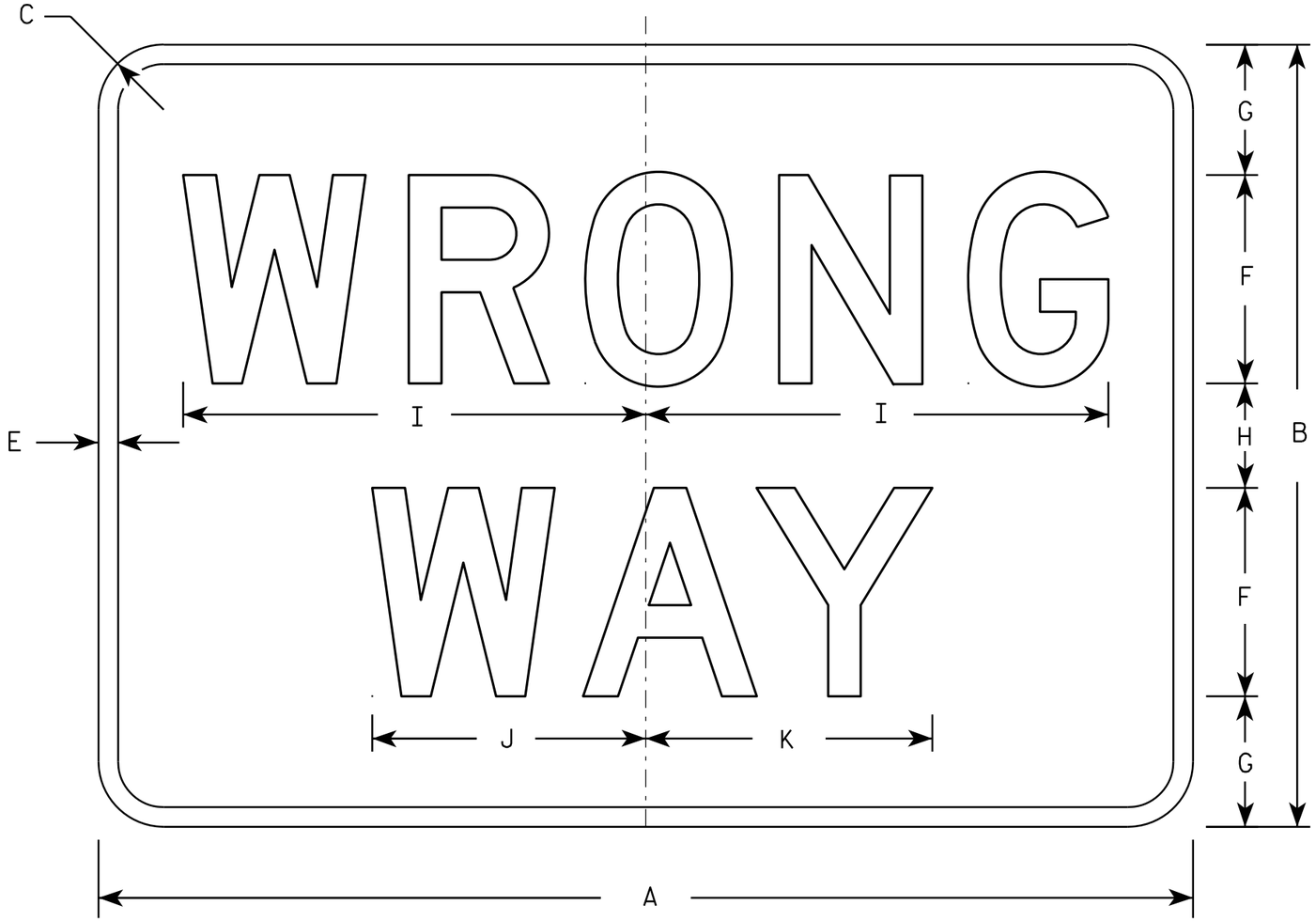
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 528 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

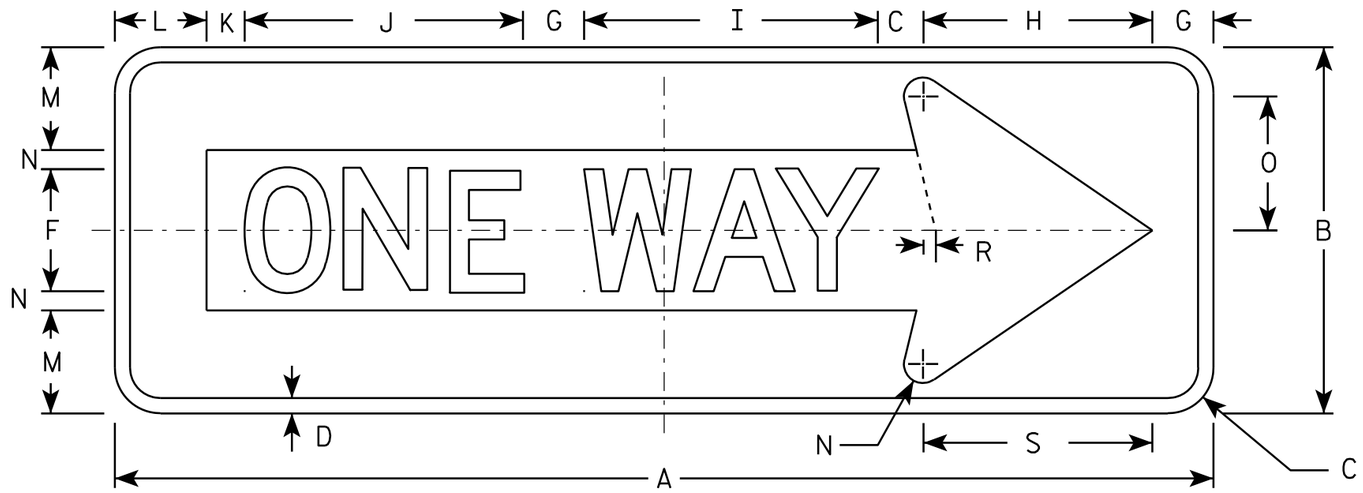
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

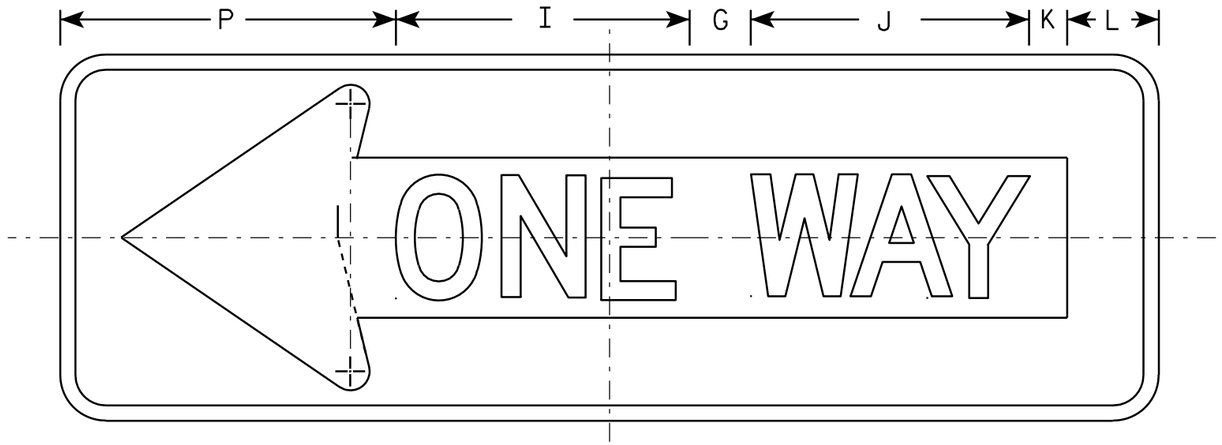
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 529	E



R6-1R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BLACK
   Message - BLACK LEGEND & WHITE ARROW & BORDER
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-1L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½								3.0
2M	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
3	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
4	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
5																											

STANDARD SIGN
R6-1 L & R

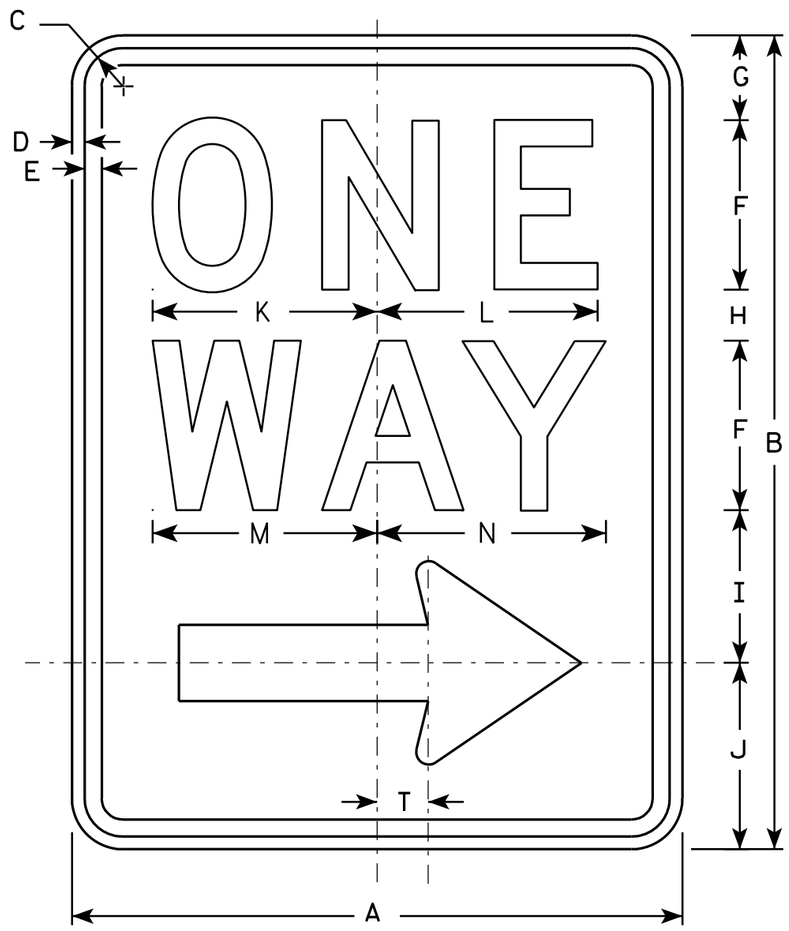
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R6-1.2

PROJECT NO:

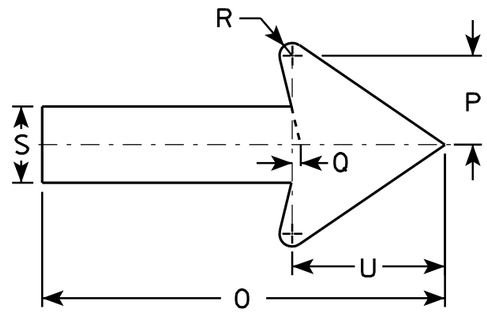
SHEET NO: 530 E



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

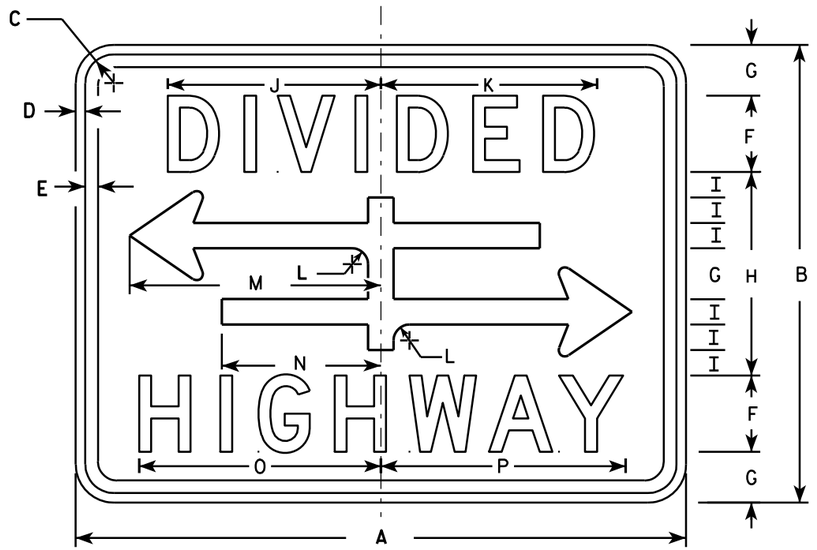
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

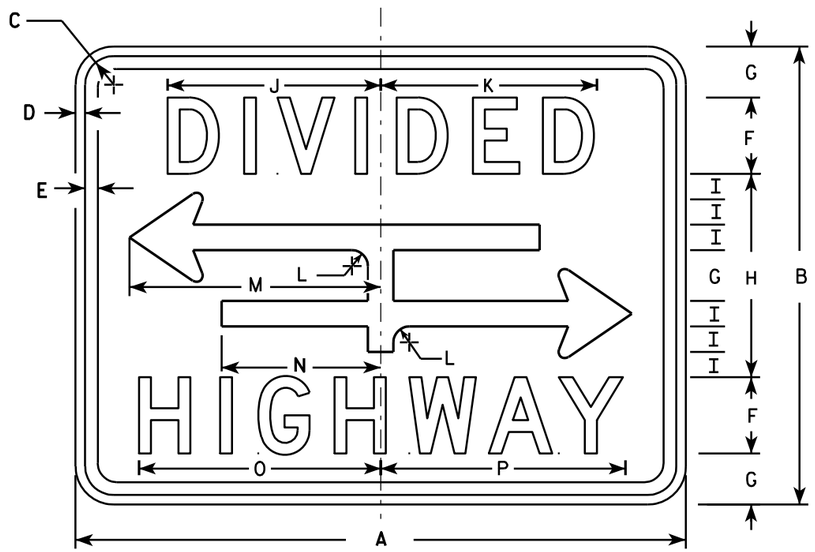
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 531	E



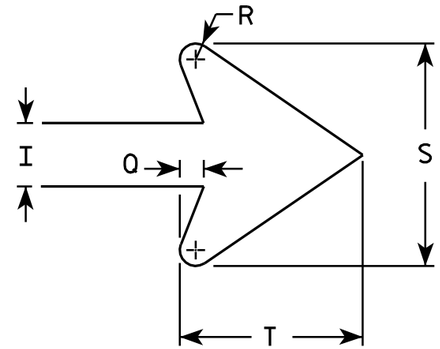
R6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-3A



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/8	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

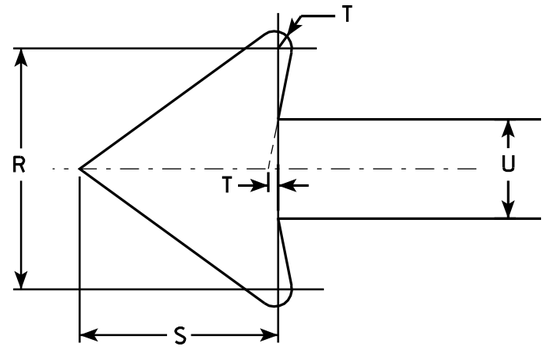
SHEET NO: 532 E



R7-5

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Green
3. Message Series - See Note 7
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals as required & adjust spacing to achieve proper balance.
6. R7-5D (double arrow)
   R7-5L (left arrow)
   R7-5R (right arrow)
7. Lines 1, 2 & 3 are series C Copy
   Line 4 Series B Copy.



* - See Note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	2	2	2 1/4	1 1/4	4	2 1/2	2 1/8	2	2 7/8	4 5/8	4 1/2	3 7/8	1 3/4	1 1/2	1/8	3/4						1.5
2S	18	24	1 1/8	3/8	1/2	3	3	2 5/8	1 1/4	5 5/8	3 1/4	3 1/8	3 1/8	4 1/4	6 7/8	6 3/4	5 7/8	2 5/8	2 1/4	1/4	1 1/8						3.0
2M	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
3	24	30	1 1/8	3/8	1/2	4	3	3	2	6	3 1/2	4 1/4	4 1/8	5 3/4	9 1/8	9 1/8	7 3/4	3 1/2	3	1/4	1 1/2						5.0
4																											
5																											

STANDARD SIGN
R7-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/31/2011 PLATE NO. R7-5.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 533	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/4	1/2	1/2	4	3 1/2	3	10 3/4	8 1/8																	3.75
2M	30	18	1 3/4	1/2	1/2	4	3 1/2	3	10 3/4	8 1/8																	3.75
3																											
4																											
5																											

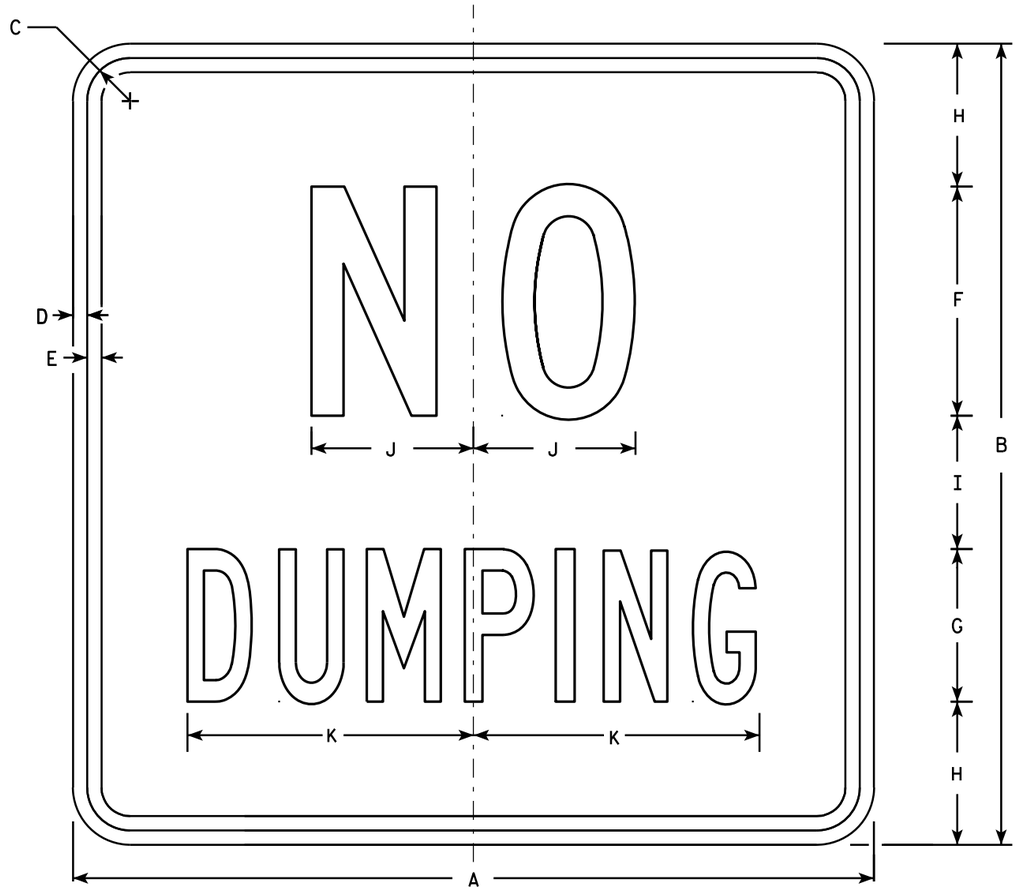
STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2011 PLATE NO. R9-9.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 534	E



R9-53

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series C
   Line 2 is Series B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	21		1 1/8	3/8	1/2	6	4	3 3/4	3 1/2	4 1/4	7 1/2																3.06
2S	21		1 1/8	3/8	1/2	6	4	3 3/4	3 1/2	4 1/4	7 1/2																3.06
2M	21		1 1/8	3/8	1/2	6	4	3 3/4	3 1/2	4 1/4	7 1/2																3.06
3																											
4																											
5																											

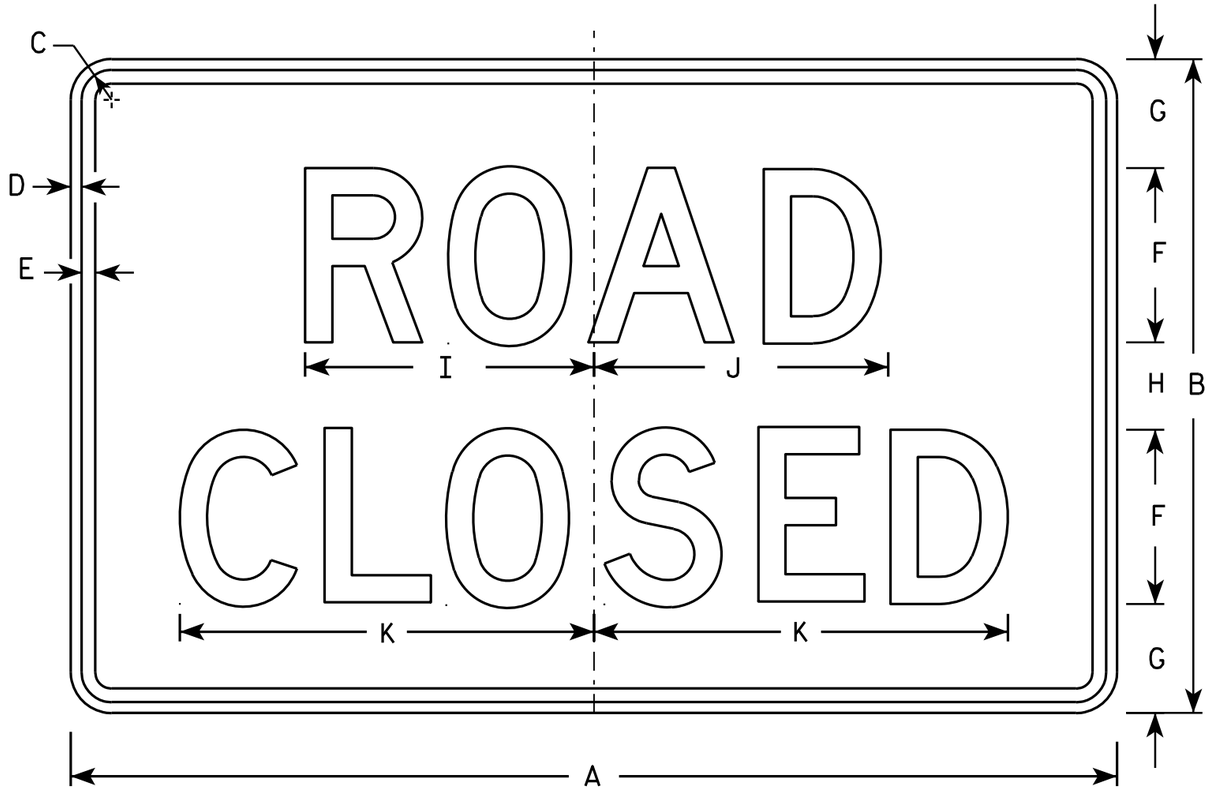
STANDARD SIGN
R9-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2011 PLATE NO. R9-53.5

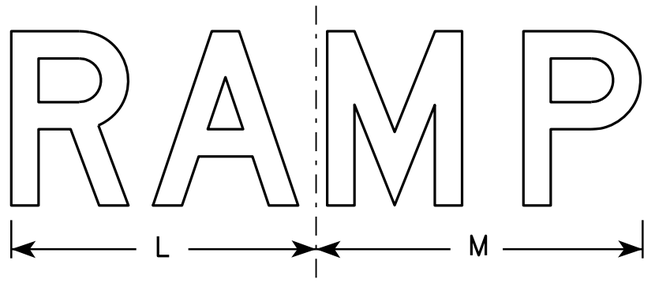
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 535	E



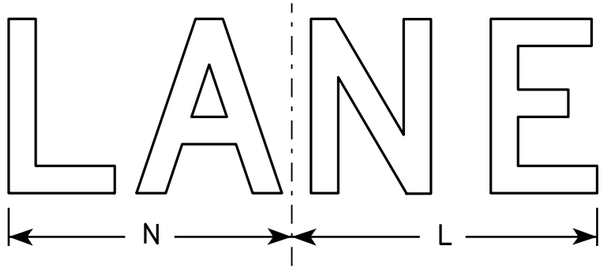
R11-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0

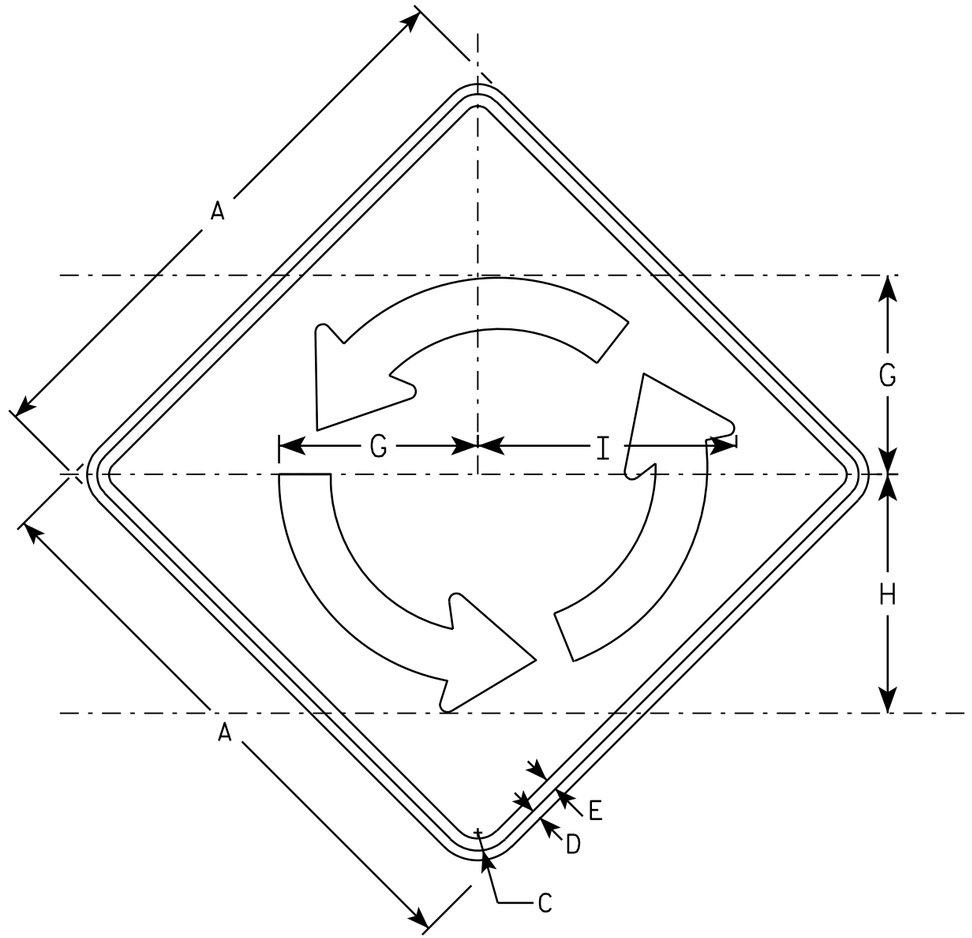
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-2.10

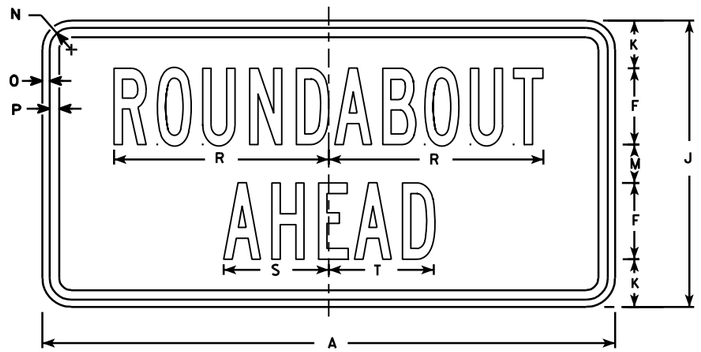
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 536 | E



W2-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Message - BLACK
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W2-6P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	W2-6 Area sq. ft.	W2-6P Area sq. ft.
1																										
2S	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
2M	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
3	36		1 5/8	5/8	3/4	5	12 1/2	15	16 1/4	18	2 5/8		2 3/4	1 1/8	3/8	1/2		14	7	6 3/4					9.00	4.50
4	48		2 1/4	3/4	1	6	16 5/8	20	16 1/4	24	4 3/8		3 5/8	1 3/8	1/2	5/8		17	8 1/4	8 1/4					16.0	8.0
5																										

STANDARD SIGN
W2-6

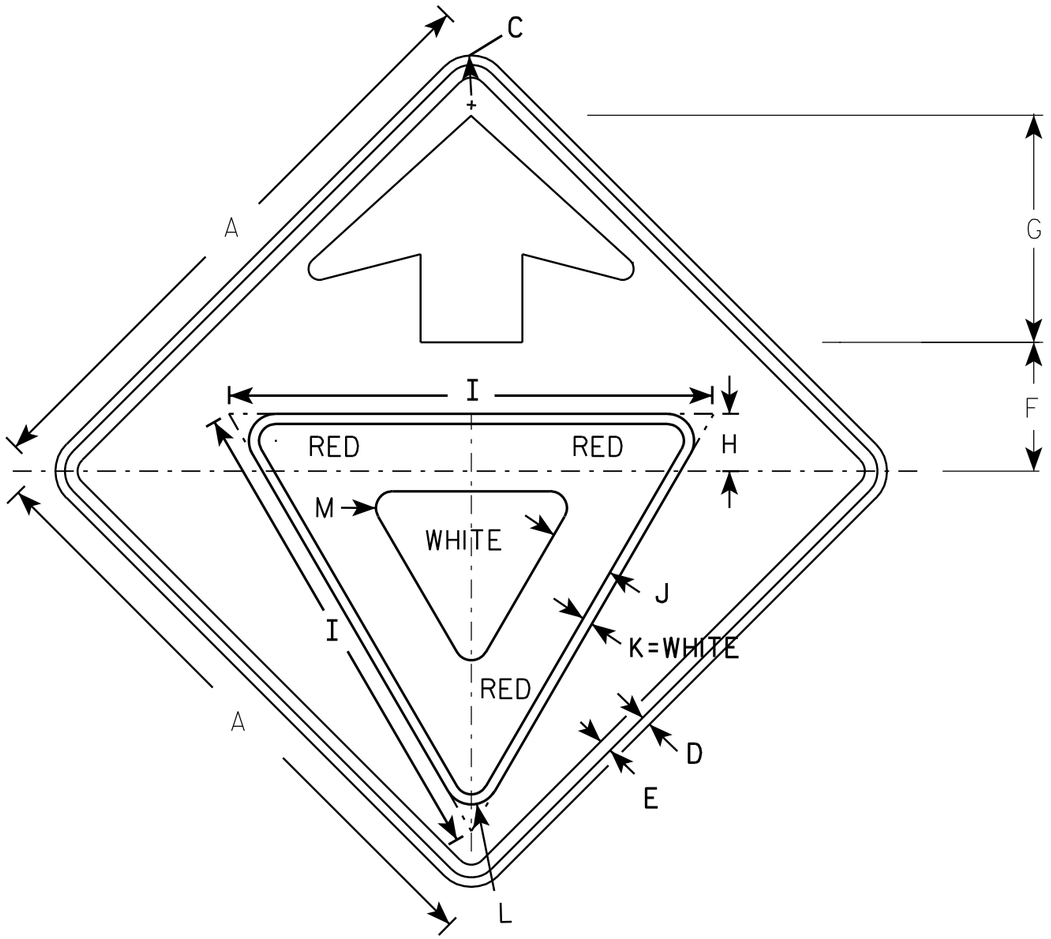
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/29/12 PLATE NO. W2-6.5

PROJECT NO:

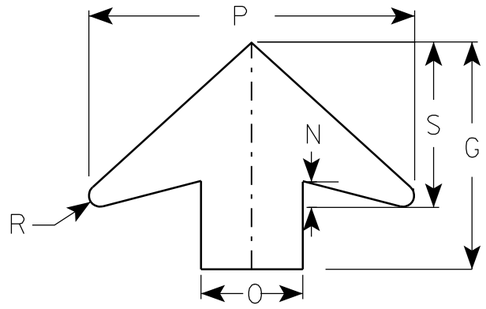
SHEET NO: 537 E



W3-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	3	25	3 3/8	1/2	1 3/8	7/8	1 1/4	5	16		1/2	8								6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W3-2

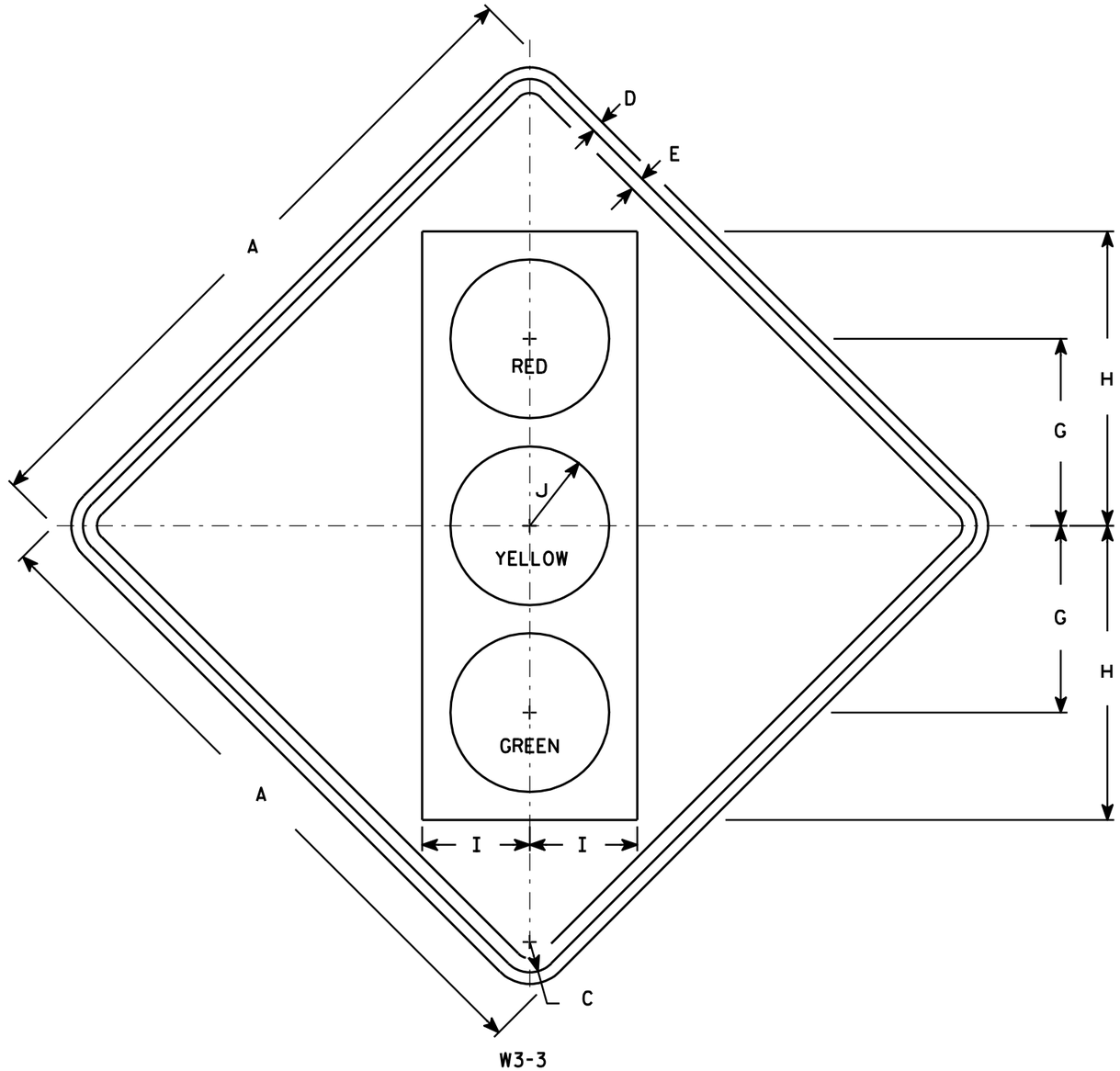
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-2..9

PROJECT NO:

SHEET NO: 538 E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0

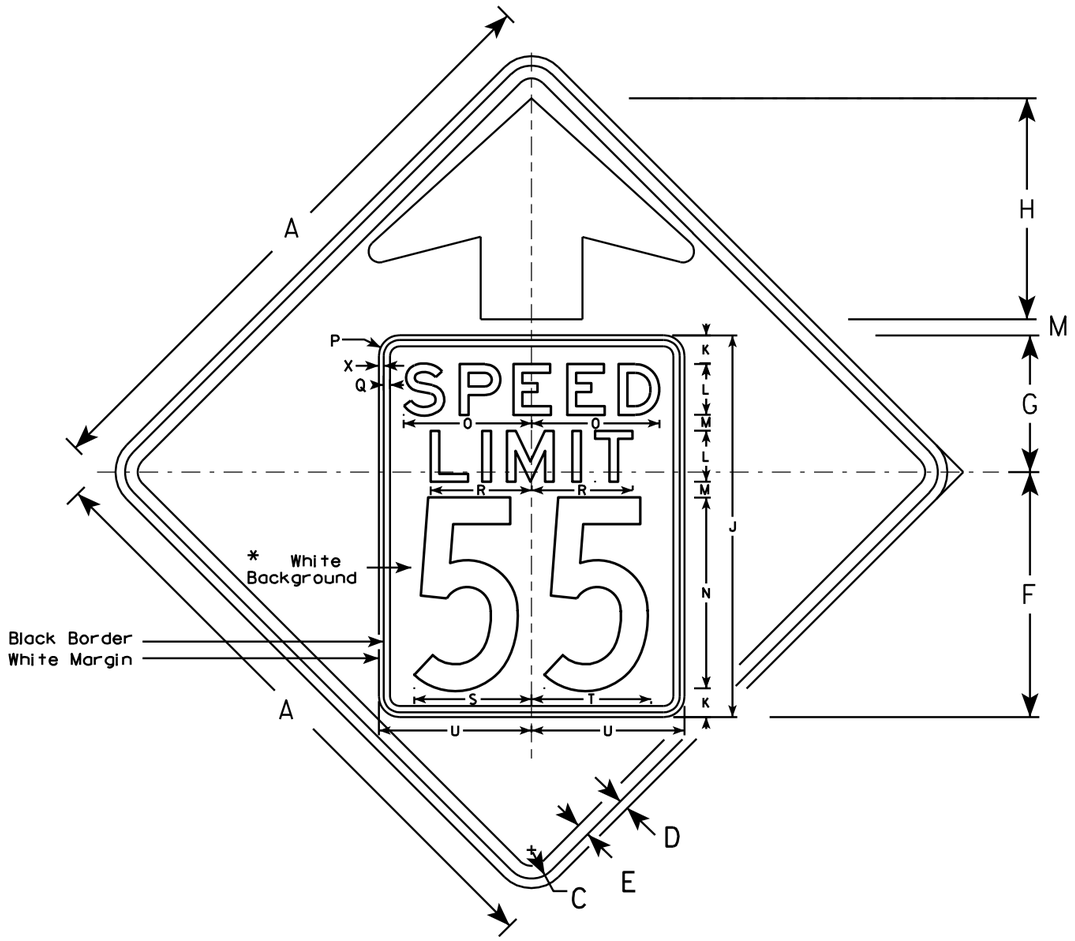
STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-3.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 539 | E

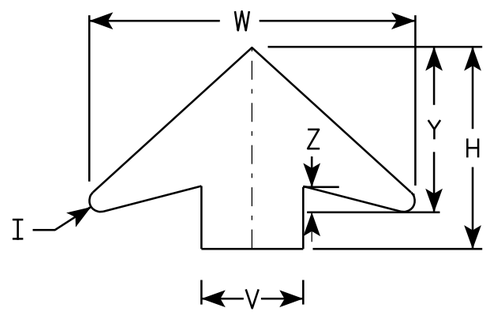


W3-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: *
   Background - YELLOW*
   Message - BLACK
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

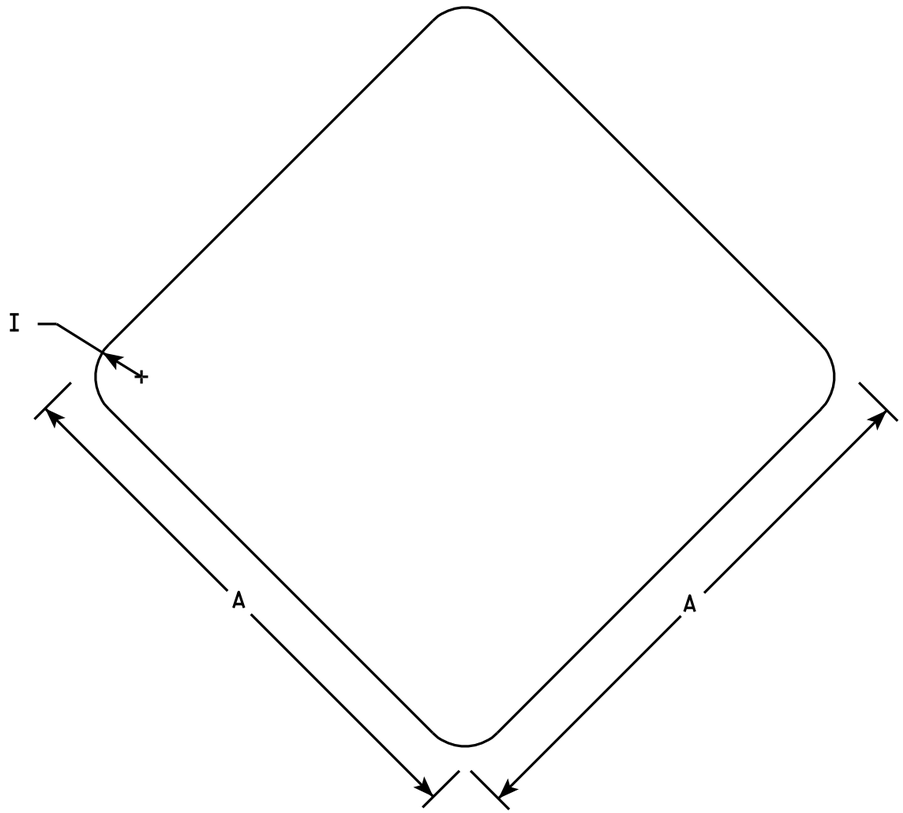
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 540 E



W5-56

NOTES

1. Sign is Type II - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
3. Corners may be square or rounded when base material is plywood. When base material is metal the corners shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12								1																		1.0
2S	18								1 ½																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																											

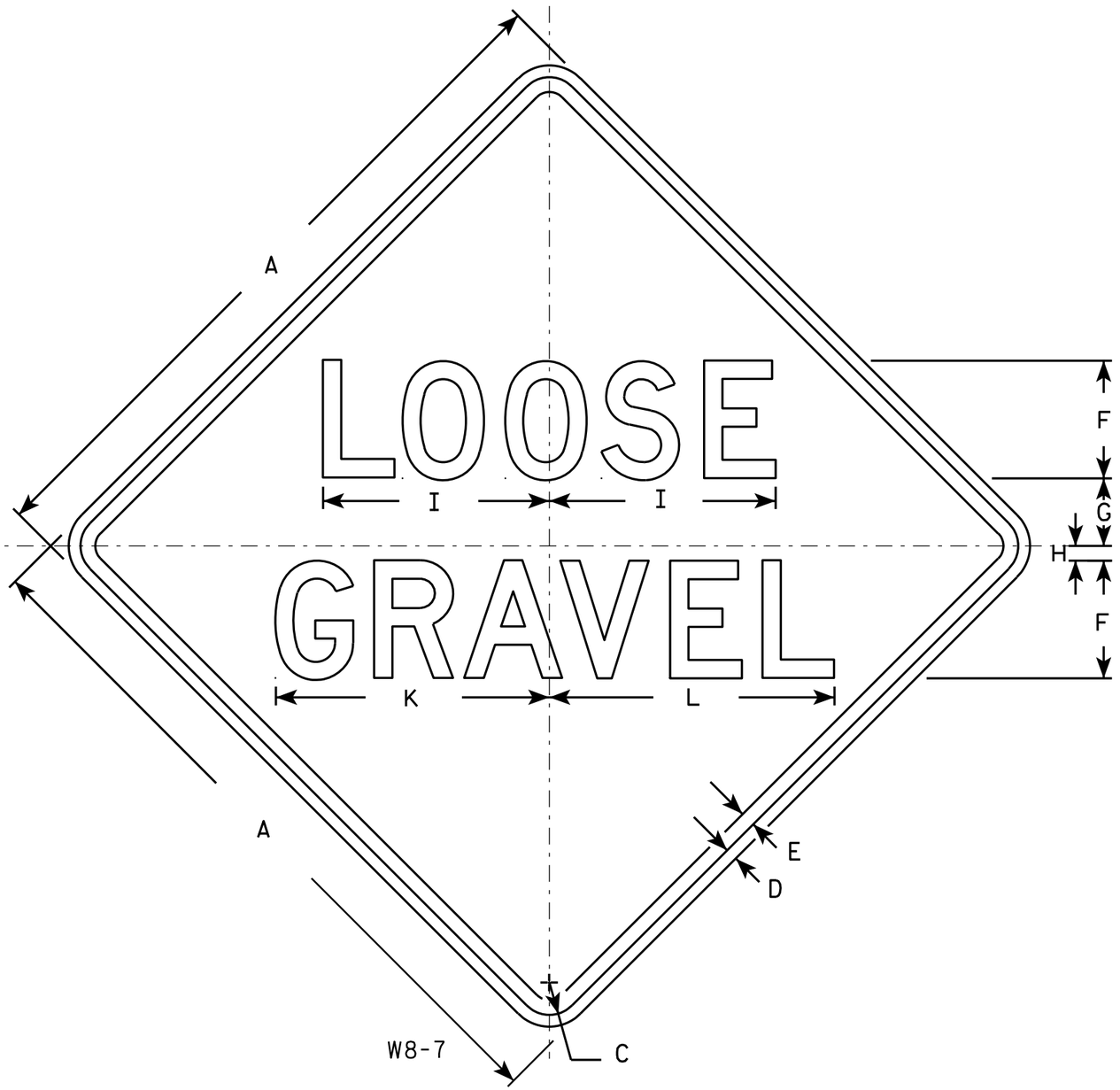
STANDARD SIGN
W5-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. W5-56.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 541	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	4	2 3/4	1/2	7 3/4		9 1/4	9 3/4															4.0
2S	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
2M	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
3	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
4	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
5	48		2 1/4	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0

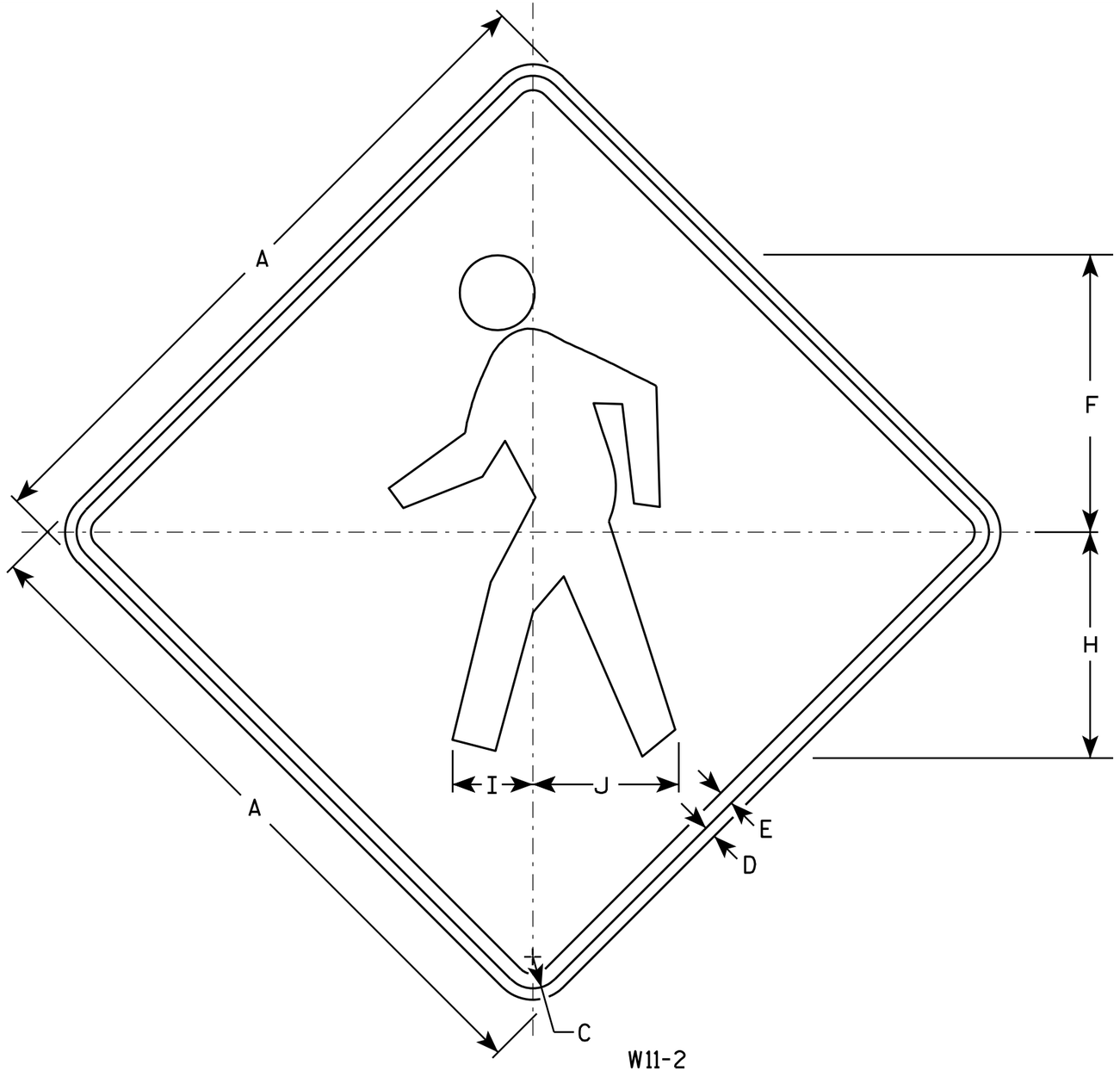
STANDARD SIGN
W8-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/30/12 PLATE NO. W8-7.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 542	E



W11-2

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

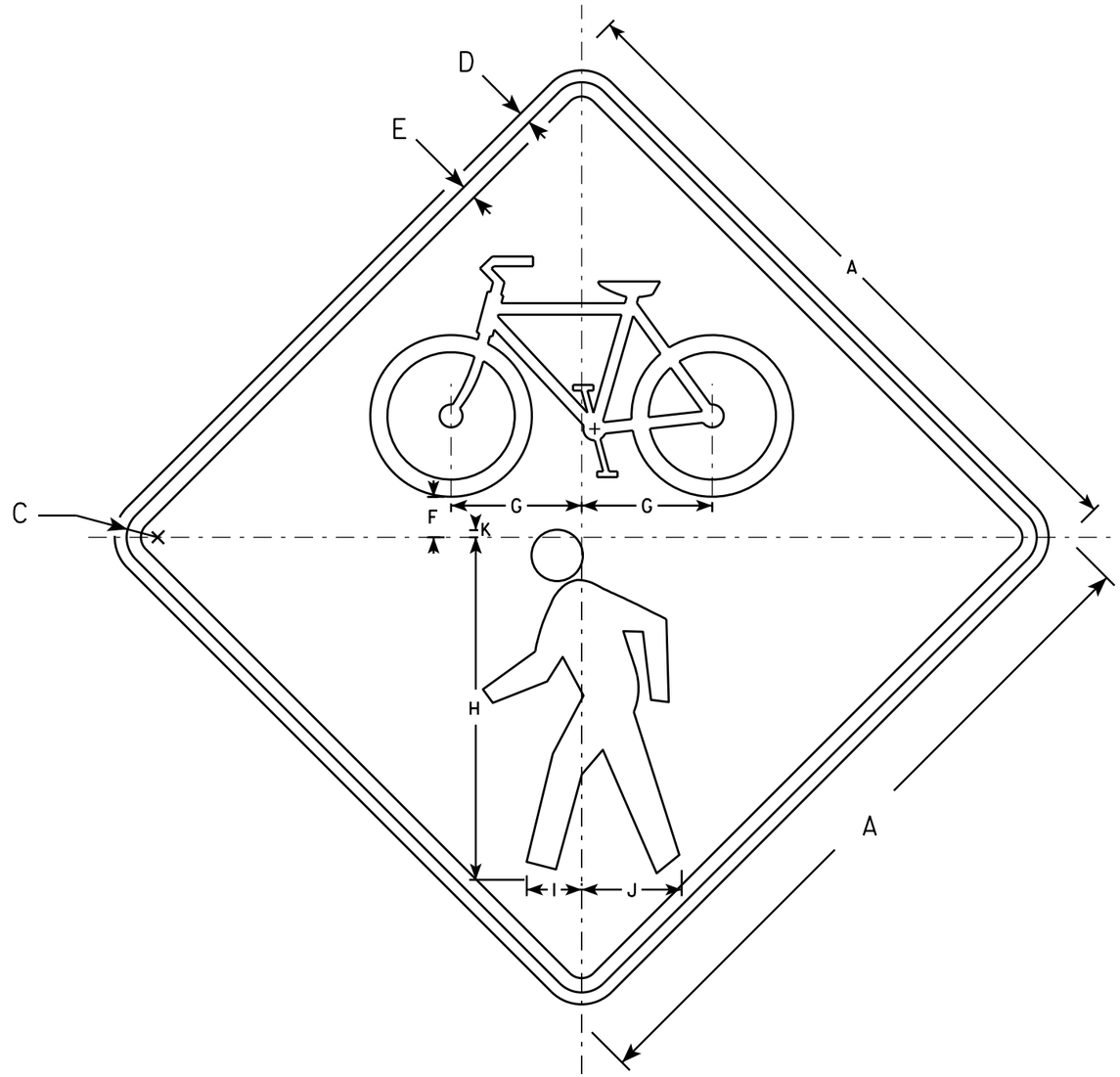
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W11-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 543	E



W11-15

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 5/8	12	1 7/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
3	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 7/8	9 1/8	24	3 7/8	7	1/2																16.0
5																											

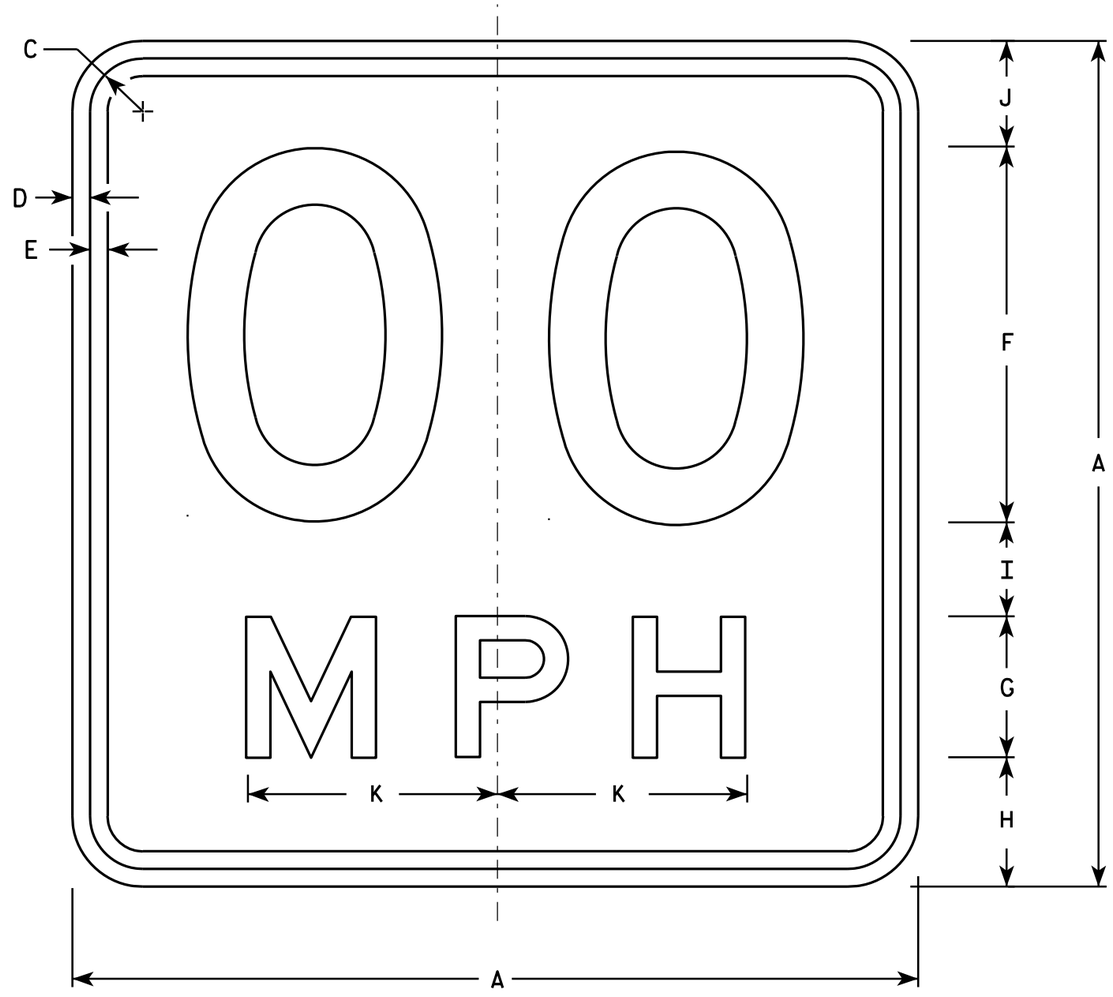
STANDARD SIGN
W11-15

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/13/14 PLATE NO. W11-15.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

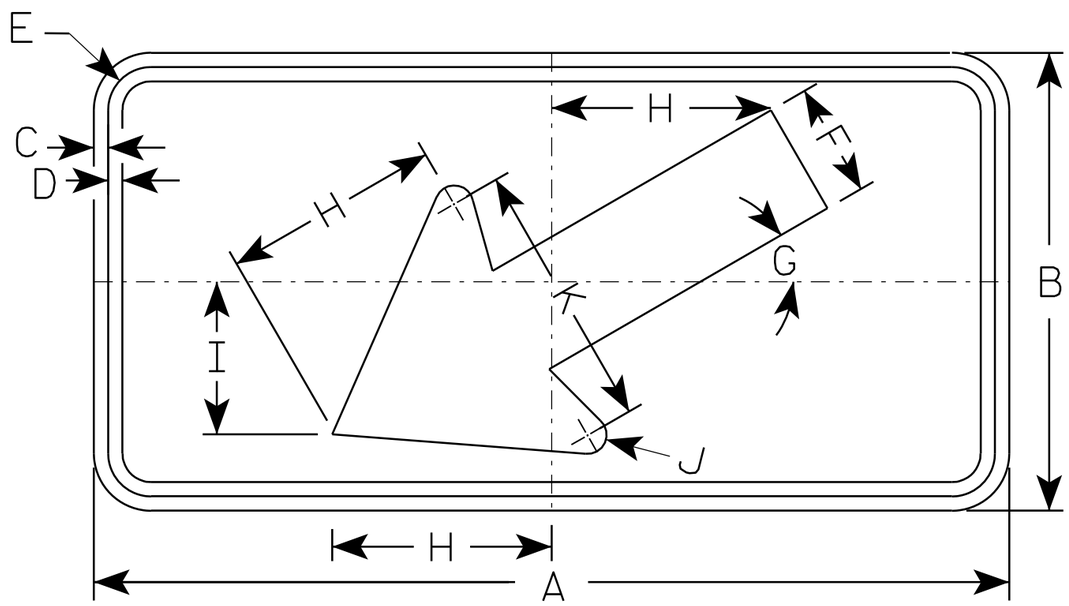
STANDARD SIGN
W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 545 | E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4																											8
5																											8

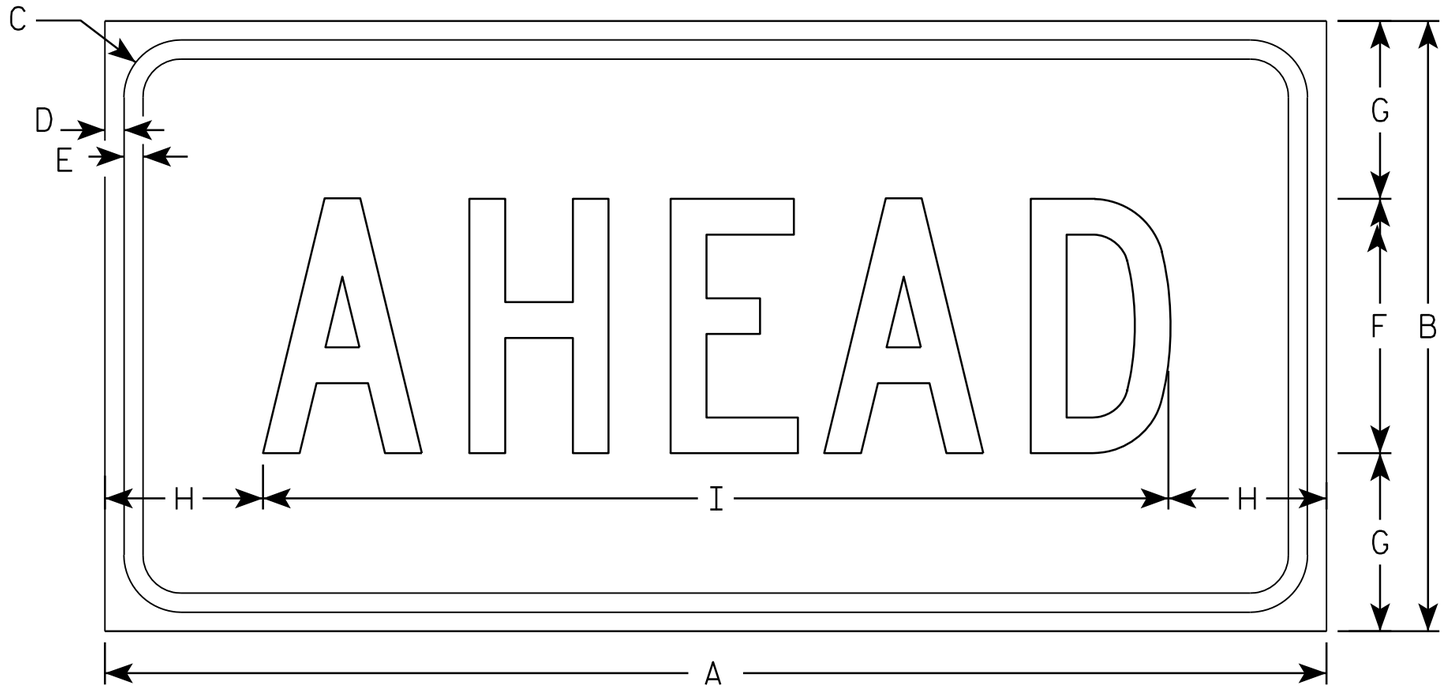
STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 546	E



W16-9P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
W16-9P

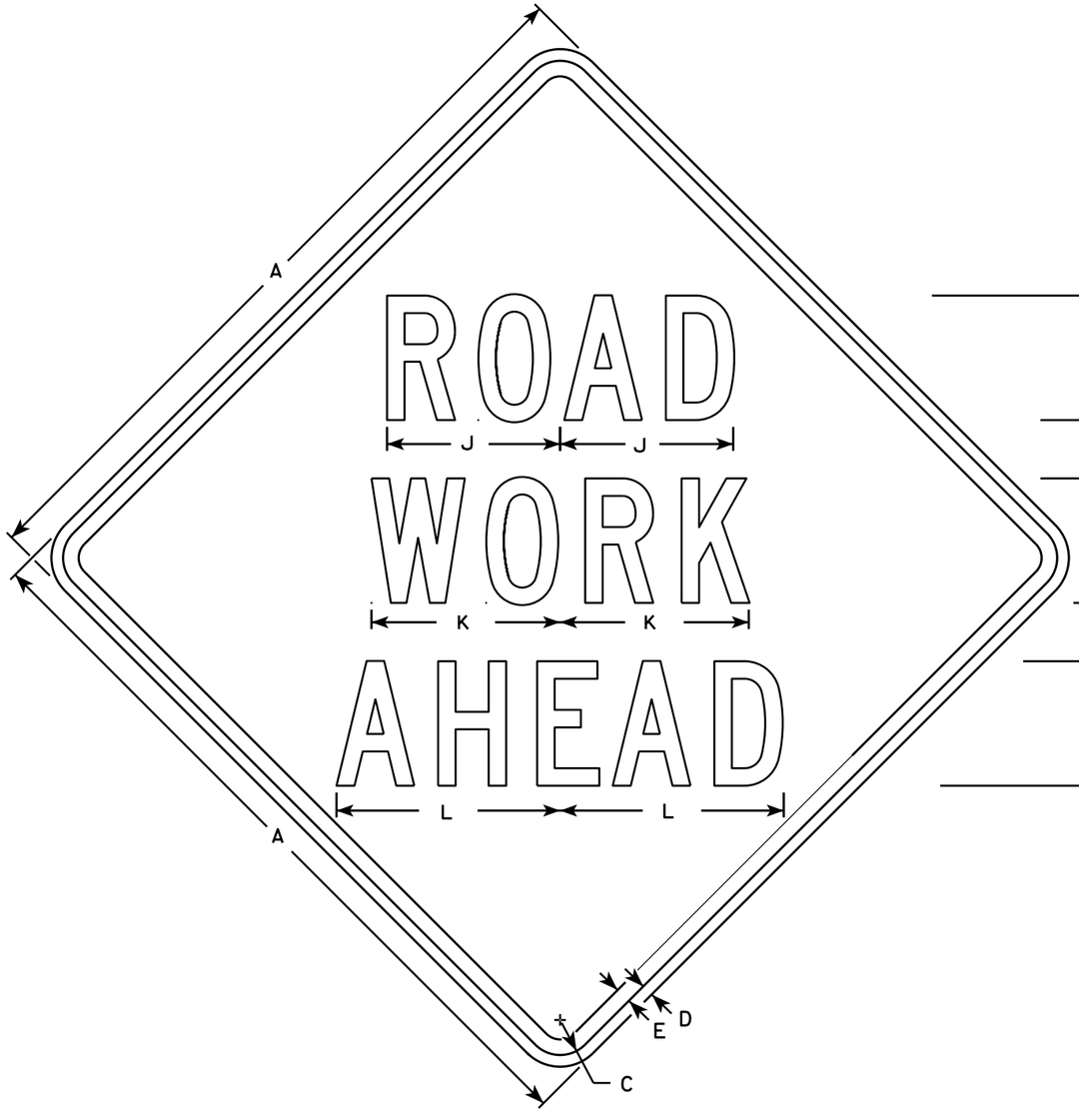
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

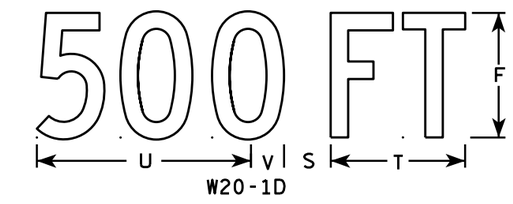
DATE 12/28/10 PLATE NO. W16-9P.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 547 | E

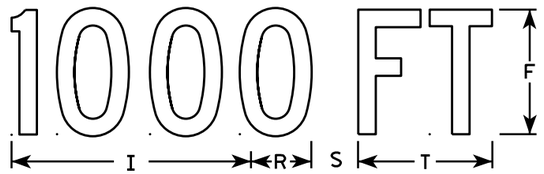
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W169P.DGN PLOT DATE : 28-DEC-2010 13:39 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 2.979524:1.000000



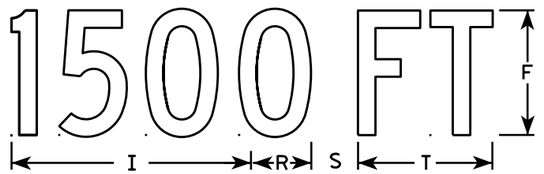
W20-1A



W20-1D



W20-1C



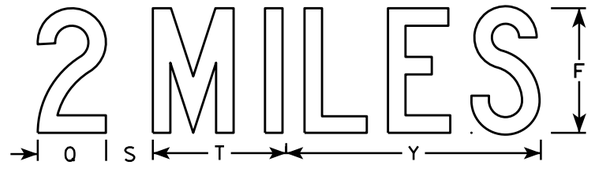
W20-1B



W20-1G



W20-1F



W20-1E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10

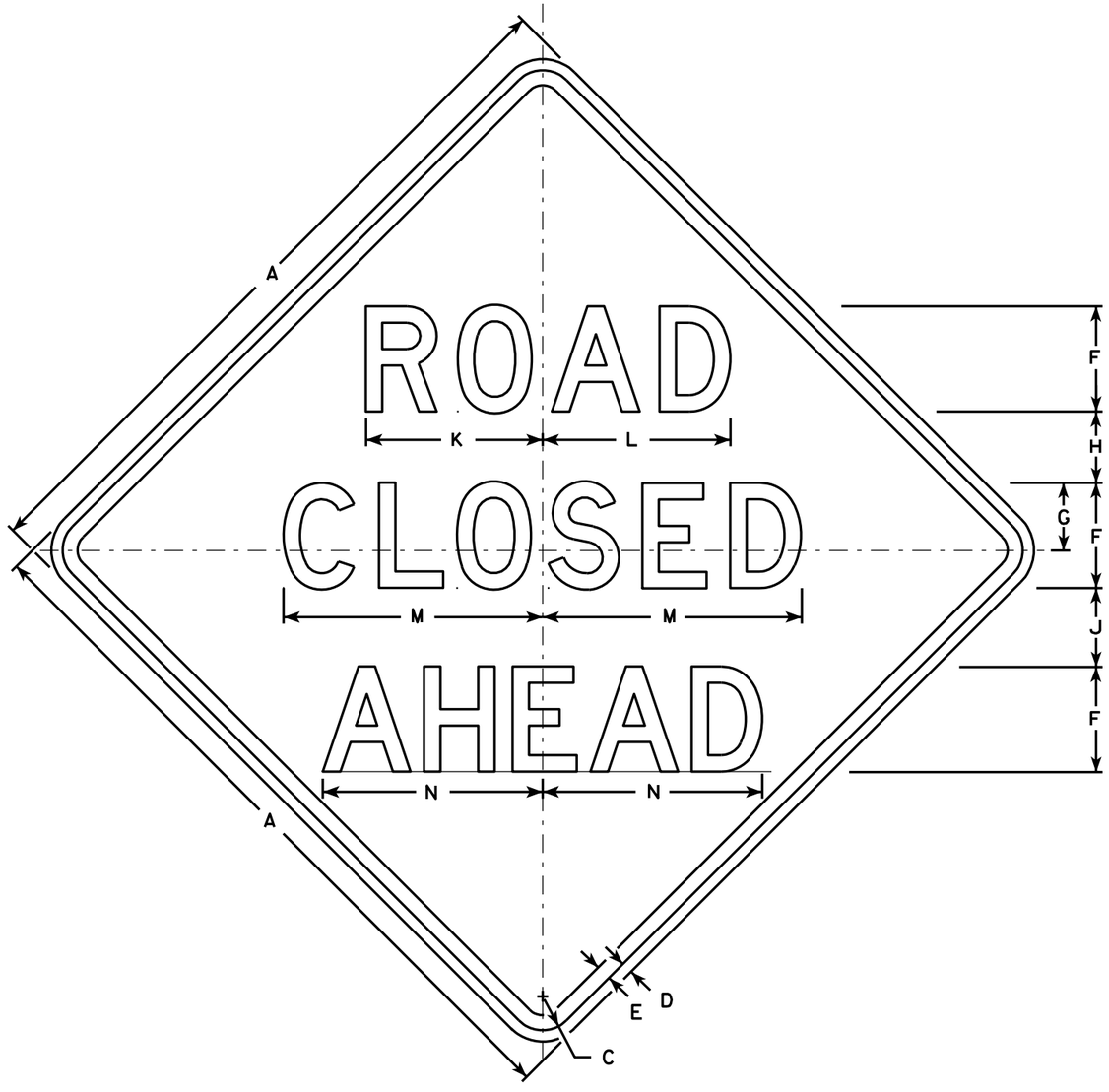
PROJECT NO:

SHEET NO: E

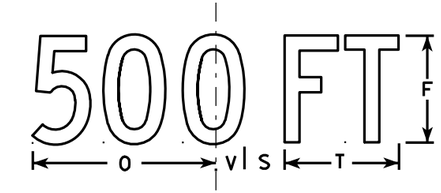
7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W201.dgn PLOT DATE : 27-MAY-2015 15:58 PLOT BY : mscsja

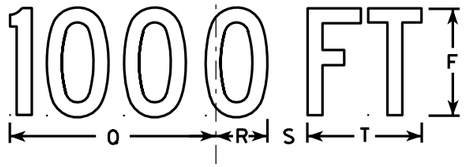
WISDOT/CADDS SHEET 42



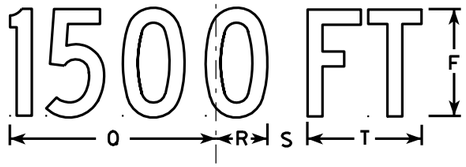
W20-3A



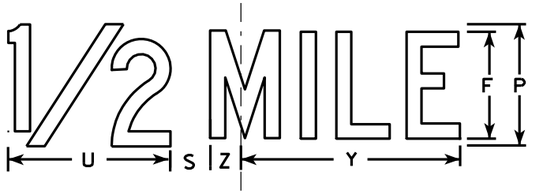
W20-3D



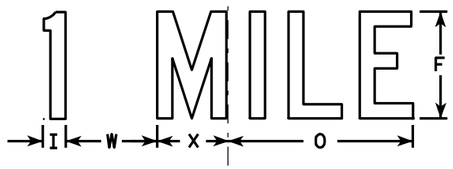
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

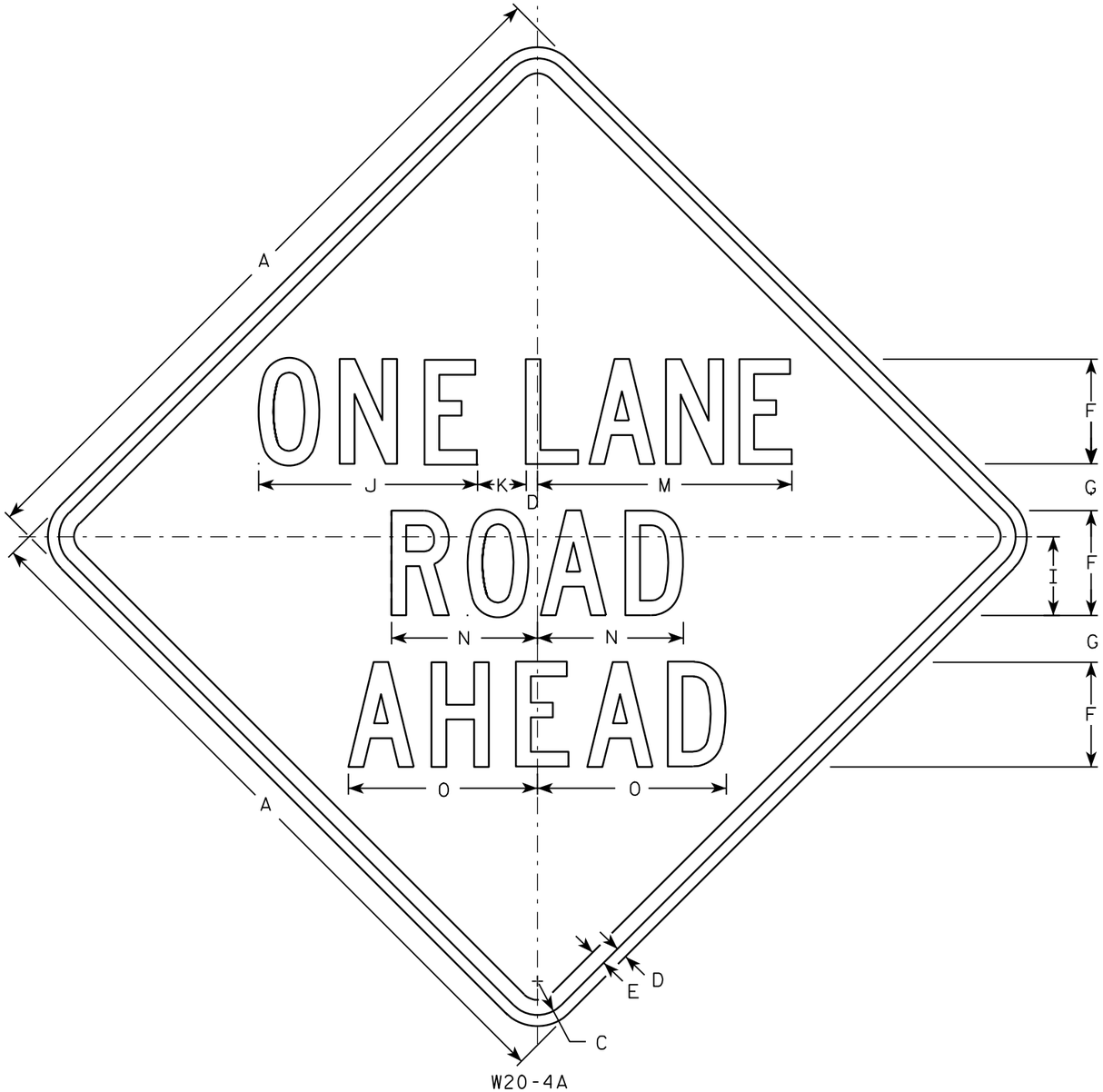
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/18/11 PLATE NO. W20-3.7

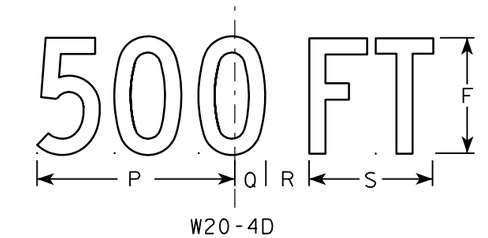
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 549 | E

7

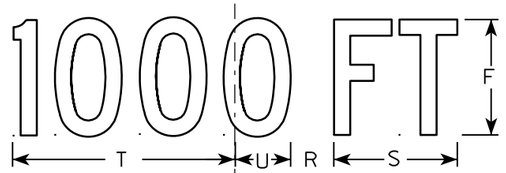
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN PLOT DATE : 18-MAR-2011 12:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.931739:1.000000
WISDOT/CADDS SHEET 42



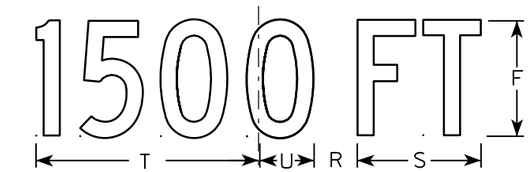
W20-4A



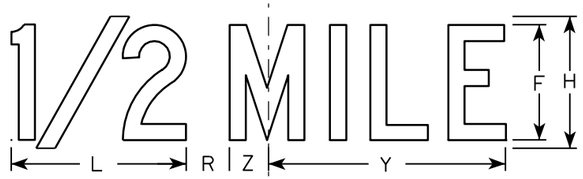
W20-4D



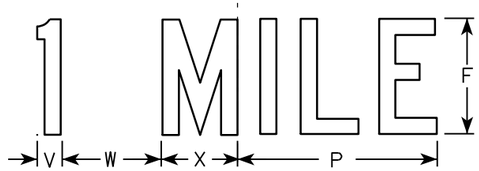
W20-4C



W20-4B



W20-4G



W20-4F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	2 3/8	6	3 3/4	10 3/8	2 3/8	8	13 1/2	7	8 7/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-4A, B, C, D, F & G

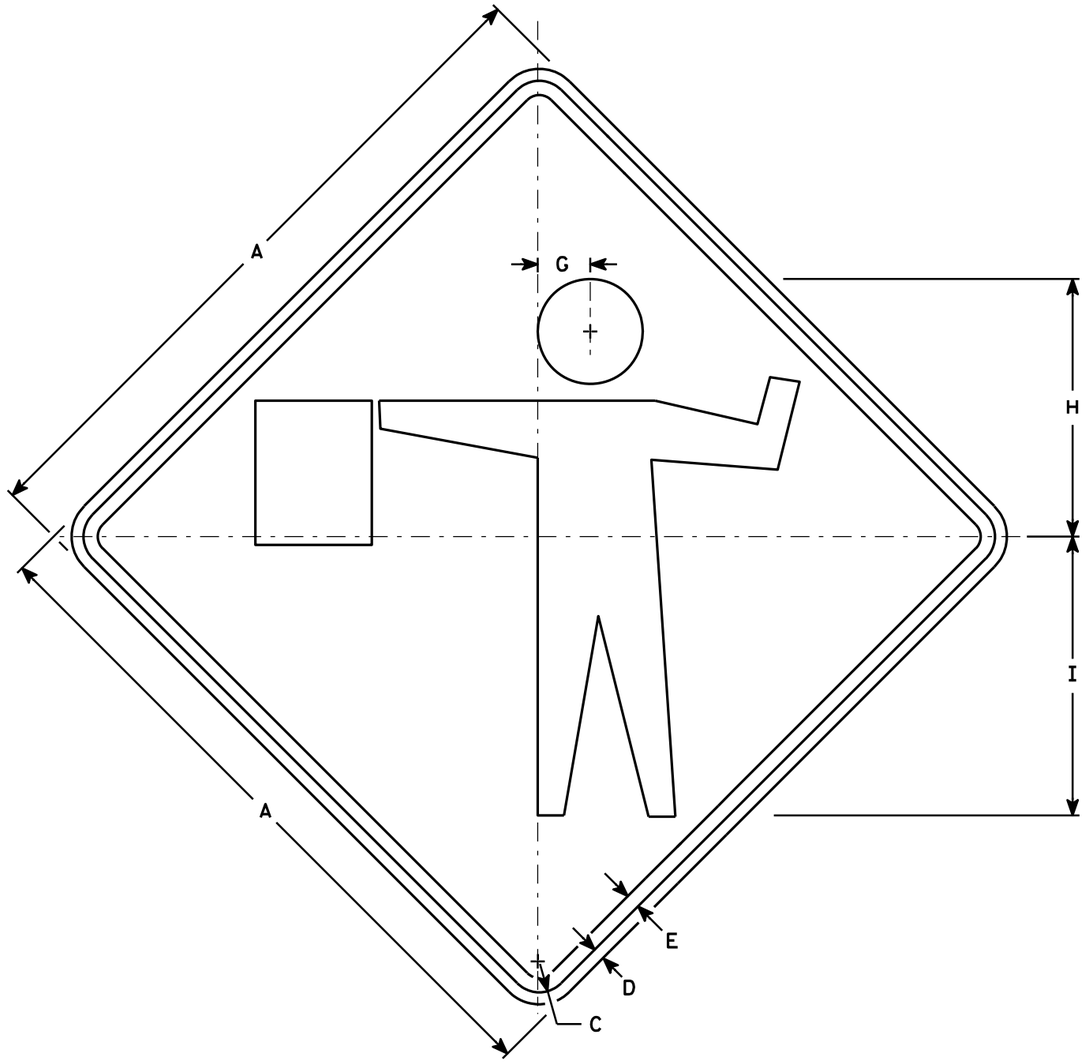
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-4.9

PROJECT NO:

SHEET NO: 550 E



W20-7A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		2 3/4	13 1/2	14 5/8																		9.00
2S	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
2M	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
3	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
4	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
5	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00

STANDARD SIGN
W20-7A

WISCONSIN DEPT OF TRANSPORTATION

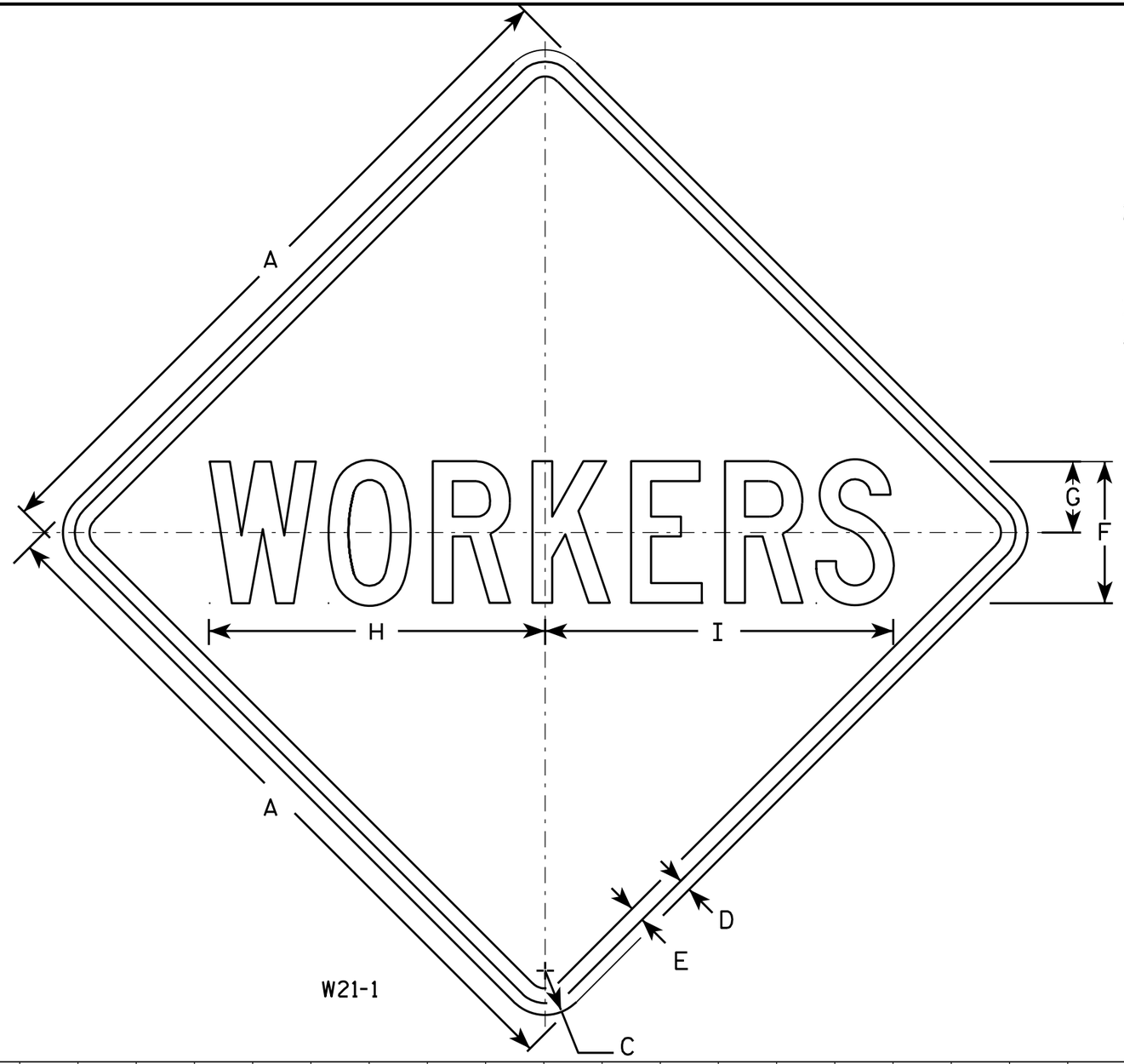
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-7A.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 551 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W207A.DGN PLOT DATE : 18-MAR-2011 13:14 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 7.945391:1.000000 WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	5	2 1/2	11 1/2	12 1/2																		4.0
2S	30		1 3/8	1/2	5/8	6	3	14 1/4	14 3/4																		6.25
2M	30		1 3/8	1/2	5/8	6	3	14 1/4	14 3/4																		6.25
3																											
4	36		1 5/8	5/8	3/4	7	3 1/2	16 3/4	17 1/4																		9.0
5	48		2 1/4	3/4	1	10	5	23	25																		16.0

STANDARD SIGN
W21-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W21-1.7

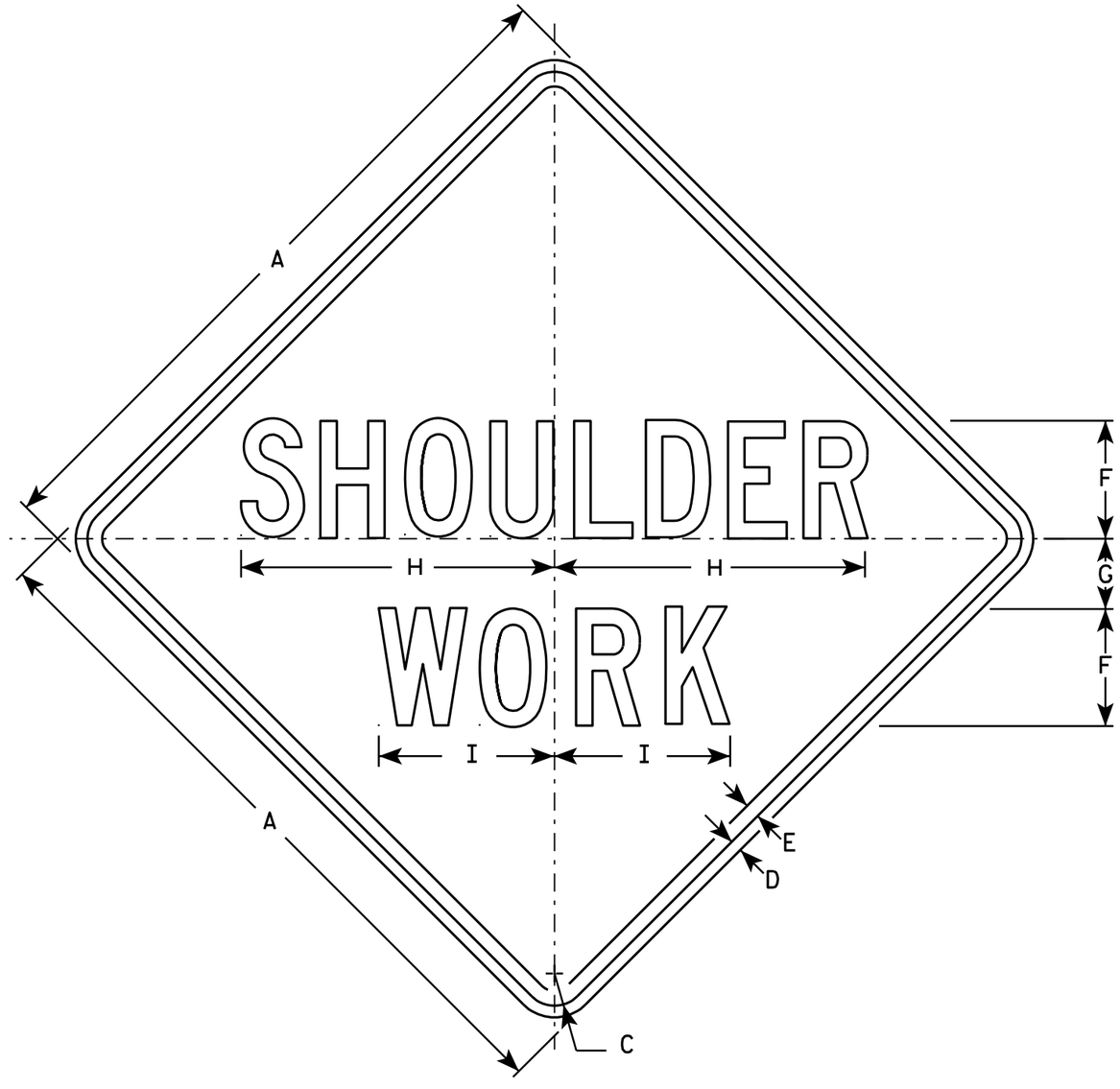
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 552 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W211.DGN PLOT DATE : 18-MAR-2011 13:36 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.462457:1.000000

WISDOT/CADDS SHEET 42

7

7



W21-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	4	2 1/2	10 3/4	6																		4.0
2S	30		1 3/8	1/2	5/8	5	3	13 3/8	7 1/2																		6.25
2M	30		1 3/8	1/2	5/8	5	3	13 3/8	7 1/2																		6.25
3	36		1 5/8	5/8	3/4	6	3 1/2	16	9																		9.0
4	48		2 1/4	3/4	1	8	5	21 3/8	11 1/4																		16.0
5	48		2 1/4	3/4	1	8	5	21 3/8	11 1/4																		16.0

STANDARD SIGN
W21-5

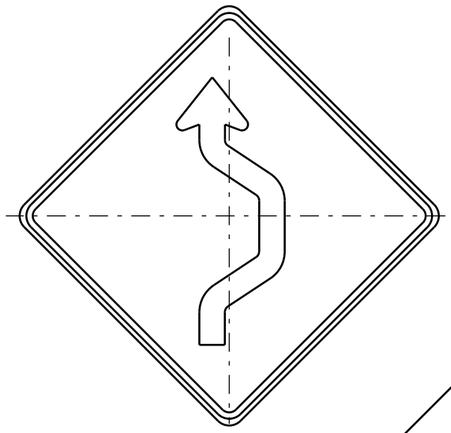
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

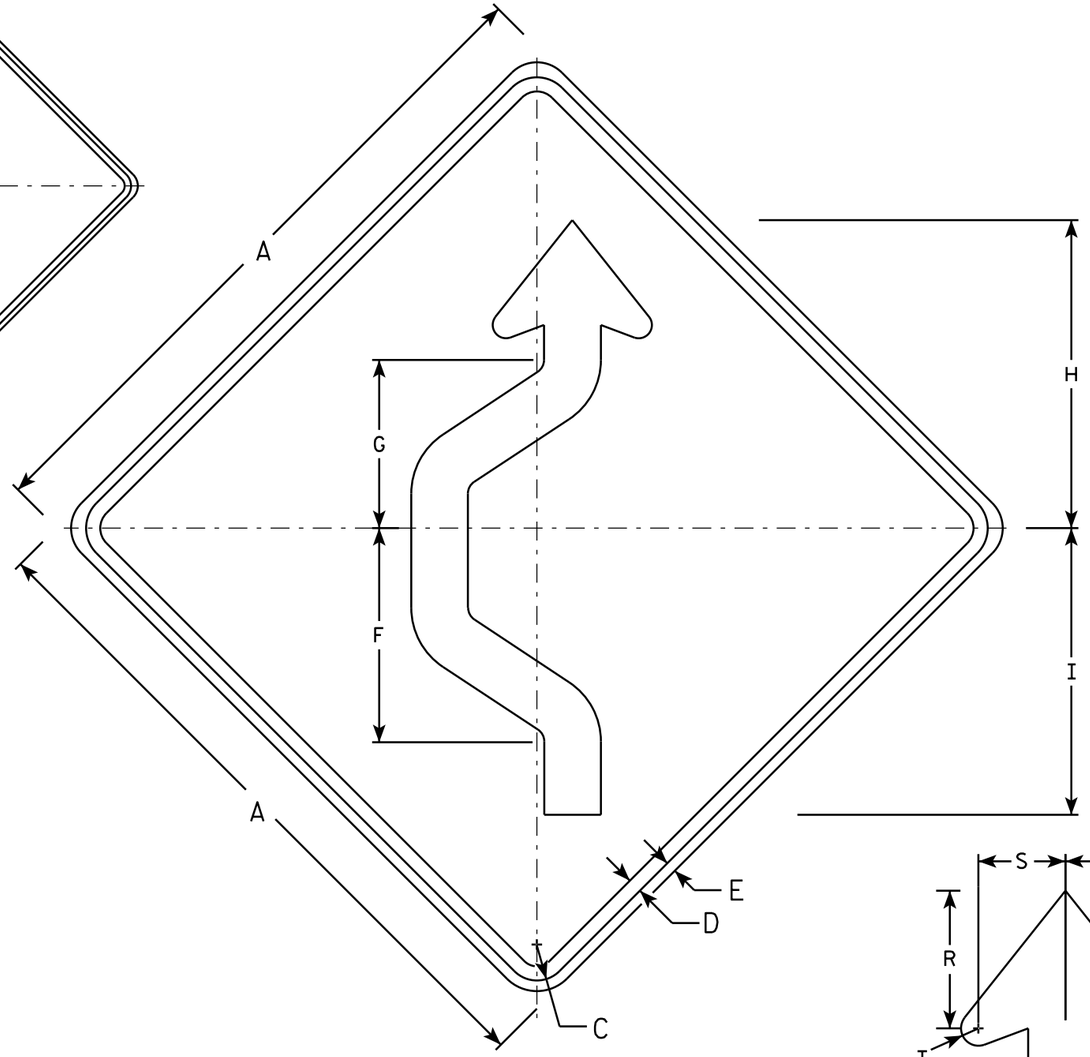
DATE 3/21/11 PLATE NO. W21-5.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 553 | E

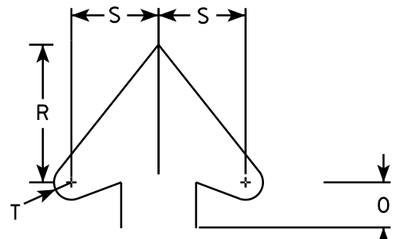
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W215.DGN PLOT DATE : 21-MAR-2011 08:01 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.207338:1.000000



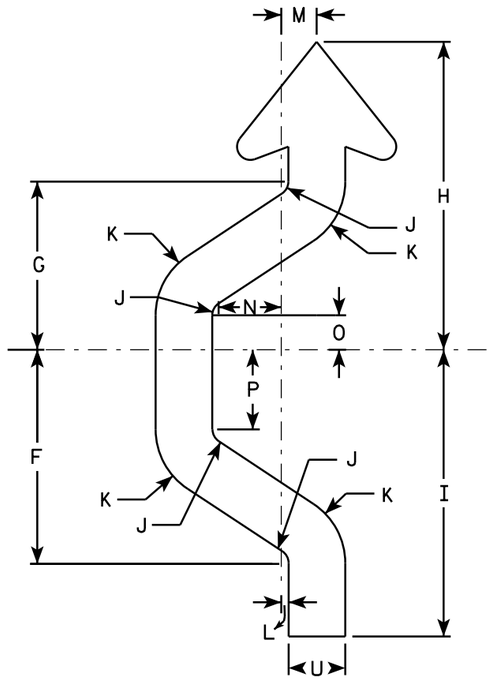
W24-1R



W24-1L



Arrowhead Detail



Arrow Detail

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W24-1R is the same as W24-1L except reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 3/8	5/8	1/2	11 3/8	8 7/8	16 3/8	15 1/4	3/4	3 3/4	3/8	2	3 3/8	1 7/8	4 1/4		5 1/2	3 1/2	5/8	3						9
2M	36		1 3/8	5/8	1/2	11 3/8	8 7/8	16 3/8	15 1/4	3/4	3 3/4	3/8	2	3 3/8	1 7/8	4 1/4		5 1/2	3 1/2	5/8	3						9
3																											
4																											
5																											

STANDARD SIGN
W24-1 L & R

WISCONSIN DEPT OF TRANSPORTATION

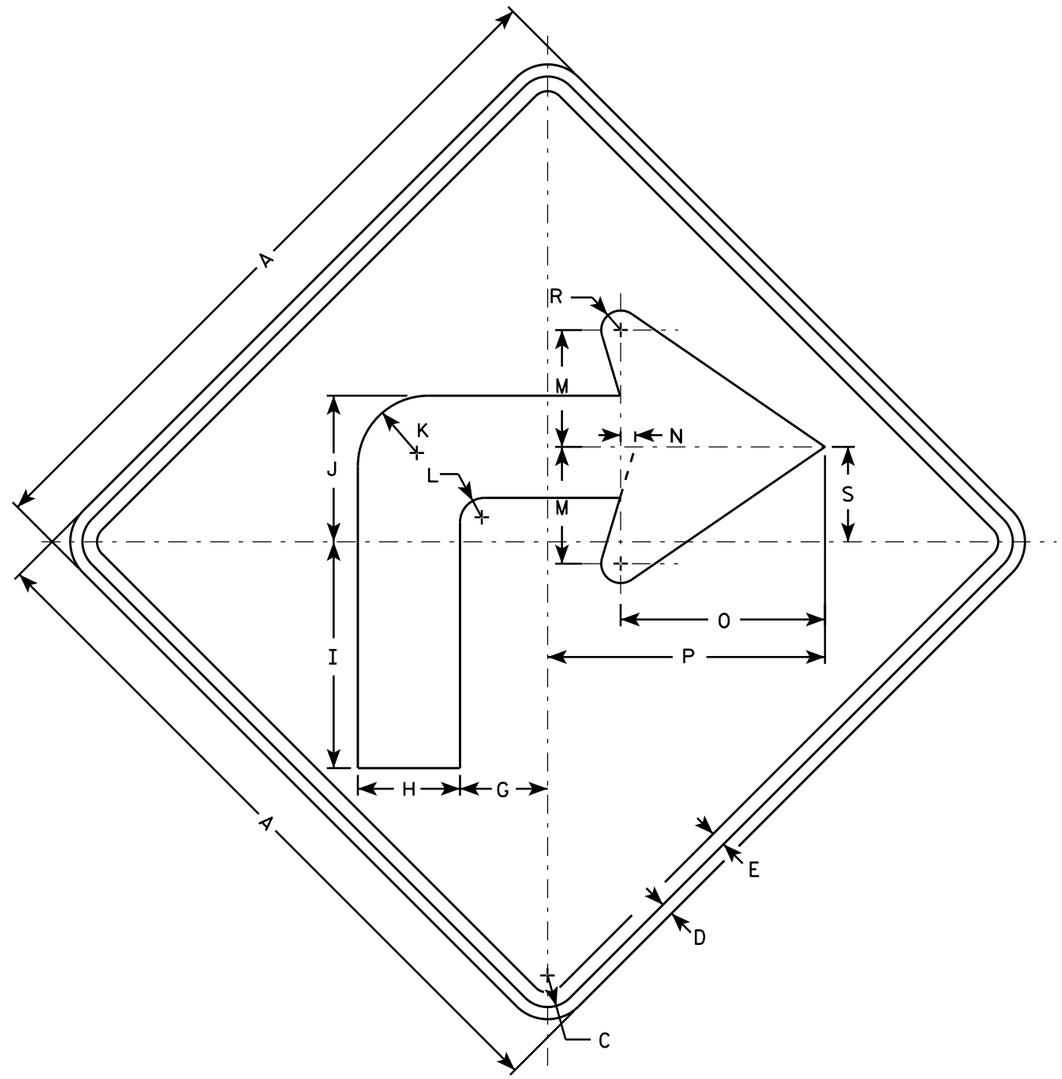
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/25/2013 PLATE W24-1.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W241L.DGN PLOT DATE : 25-SEP-2013 13:00 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 10.702132:1.000000 WISDOT/CADDS SHEET 42



W01-1R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-1L is the same as W01-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
2S	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
2M	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
3	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
4	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
5	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0

STANDARD SIGN
W01-1

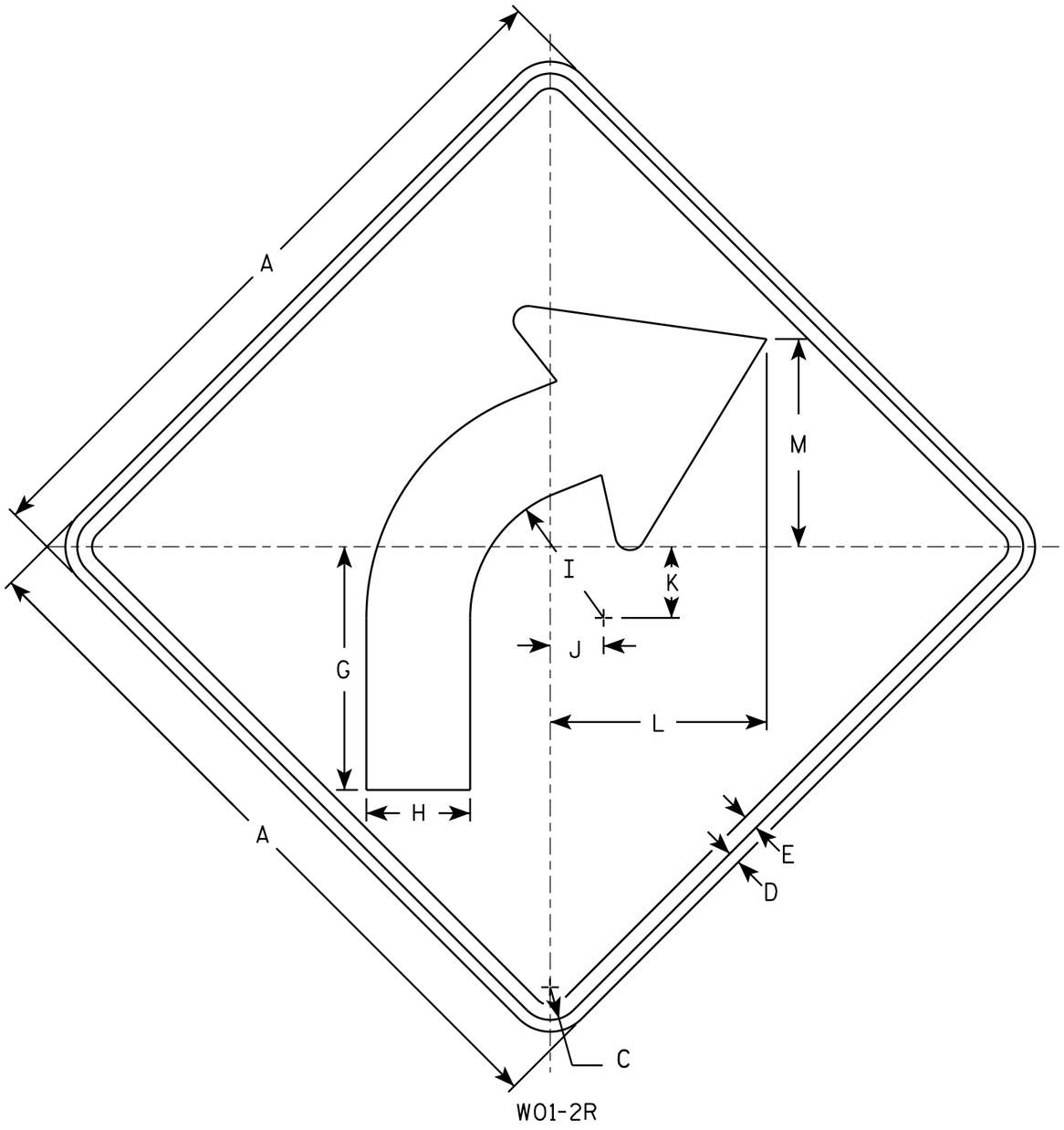
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

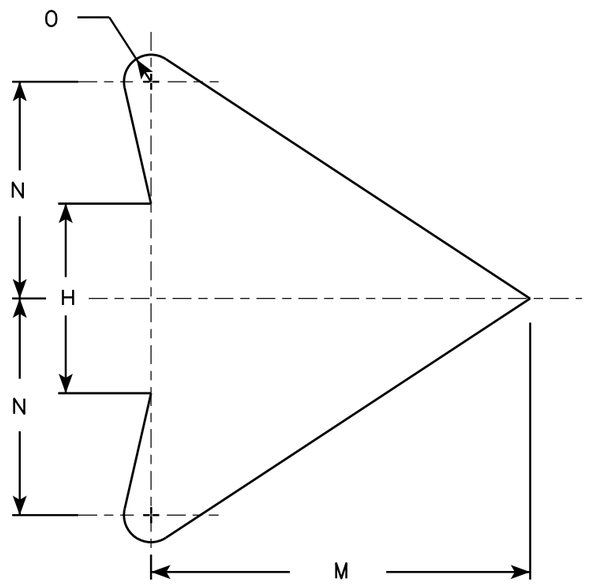
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W011.DGN PLOT DATE : 28-FEB-2014 11:34 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 7.783368:1.000000



W01-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-2L is the same as W01-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												4.0
2S	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0
2M	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0
3	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0
4	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

STANDARD SIGN
W01-2

WISCONSIN DEPT OF TRANSPORTATION

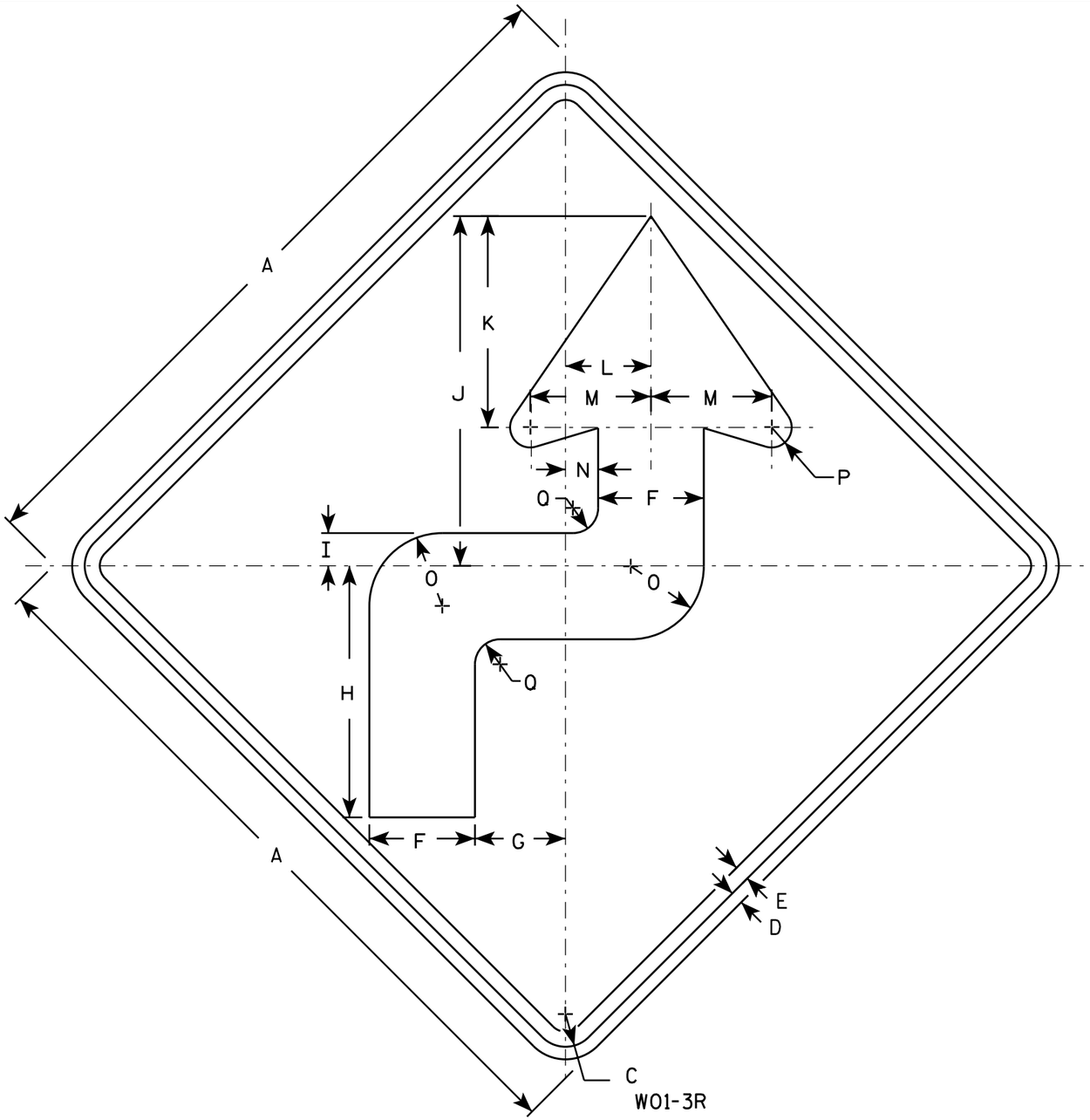
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

7

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W012.DGN PLOT DATE : 28-FEB-2014 11:34 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.992871:1.000000 WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-3L is the same as W01-3R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
2S	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0
2M	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0
3	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0
4	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0
5	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0

STANDARD SIGN
W01-3

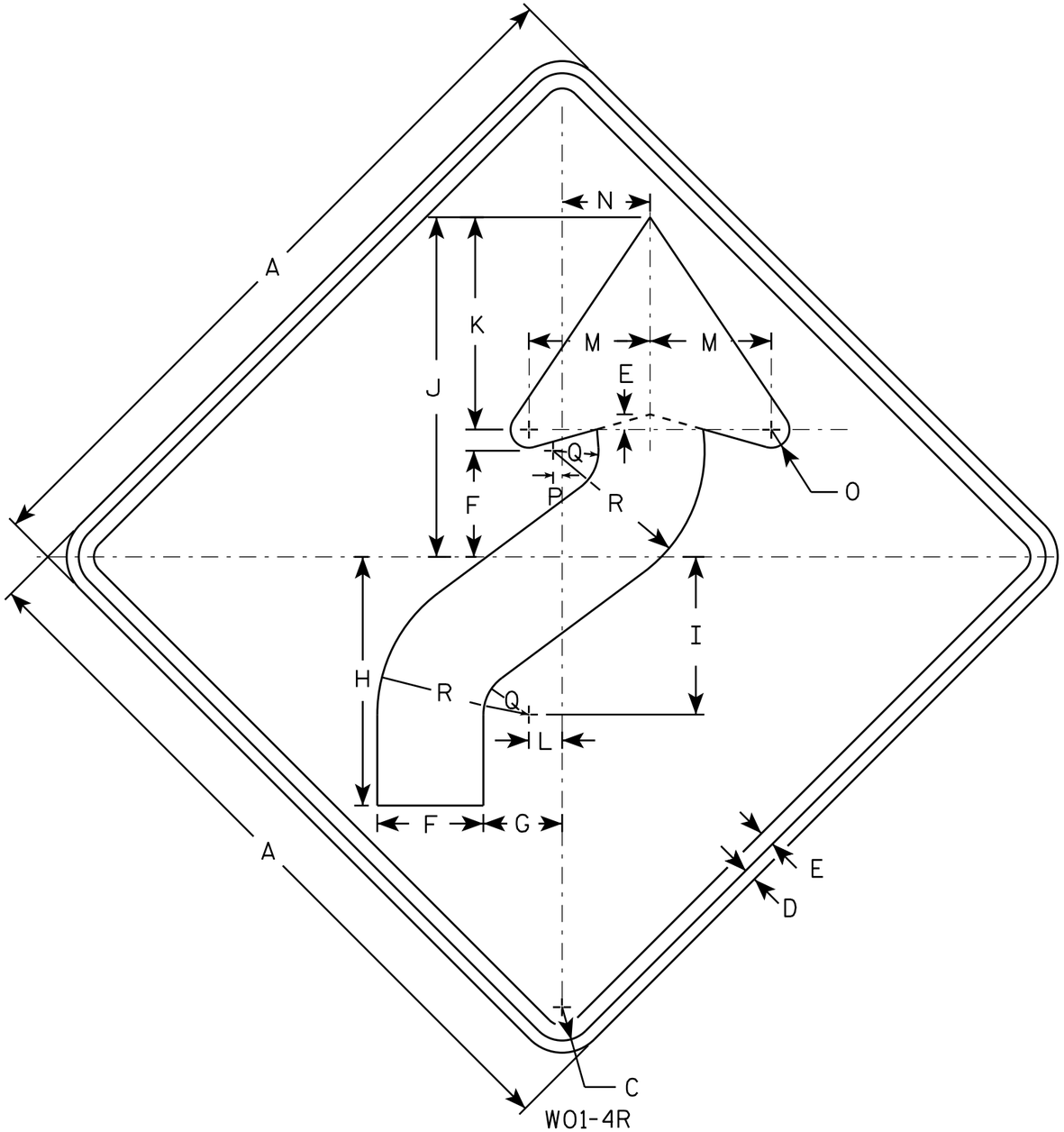
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE W01-3.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W013.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.567217:1.000000



W01-4R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W01-4

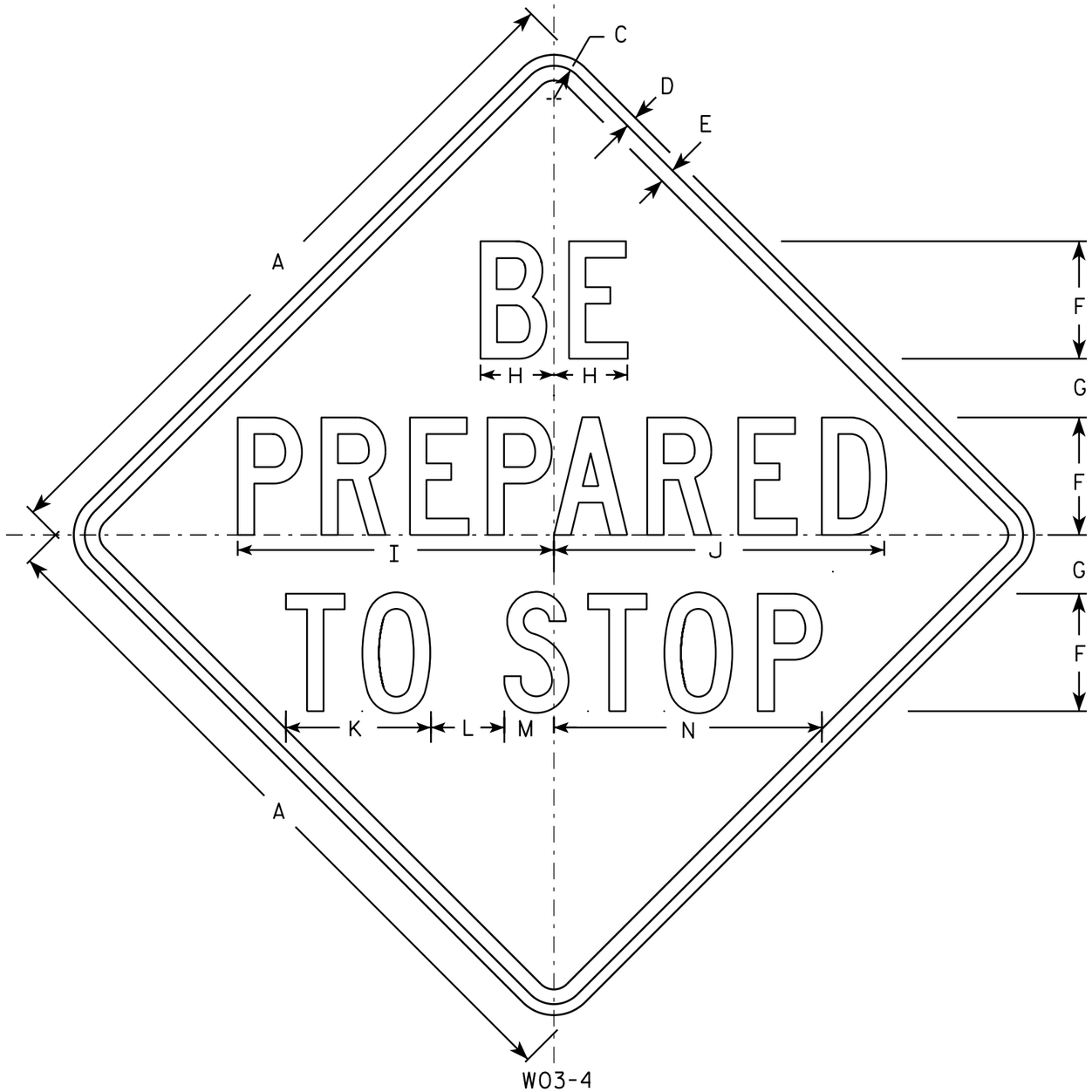
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-4.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.755110:1.000000 WISDOT/CADDS SHEET 42



W03-4

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2S	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
2M	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
3	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
4	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

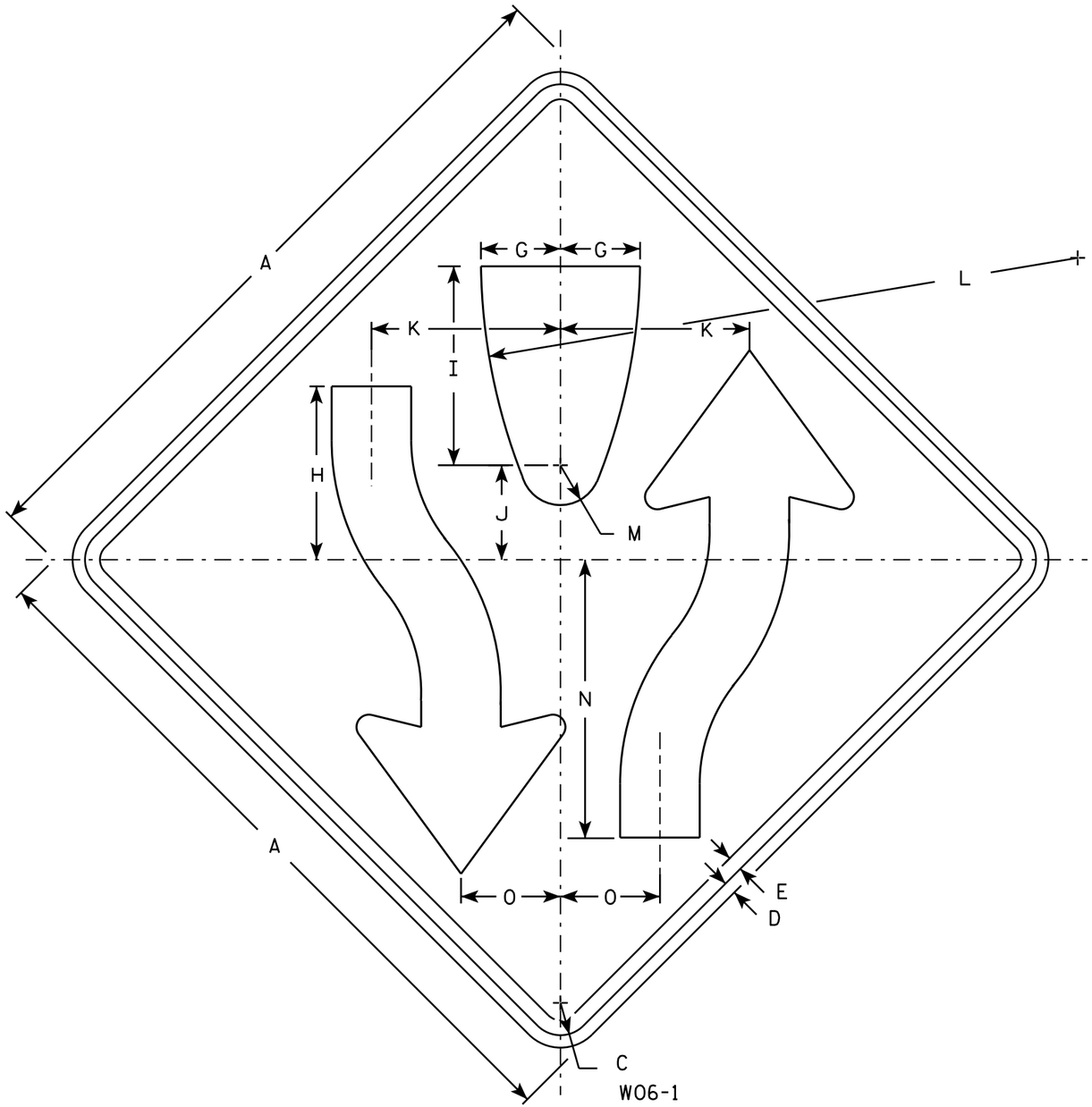
STANDARD SIGN
W03-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/02/13 PLATE NO. W03-4.1

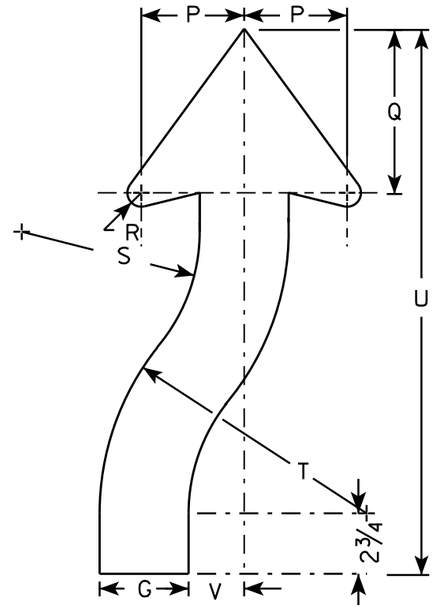
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W06-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W06-2 same as W06-1 but is rotated 180° when mounted.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2S	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
2M	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
3	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W06-1 & W06-2

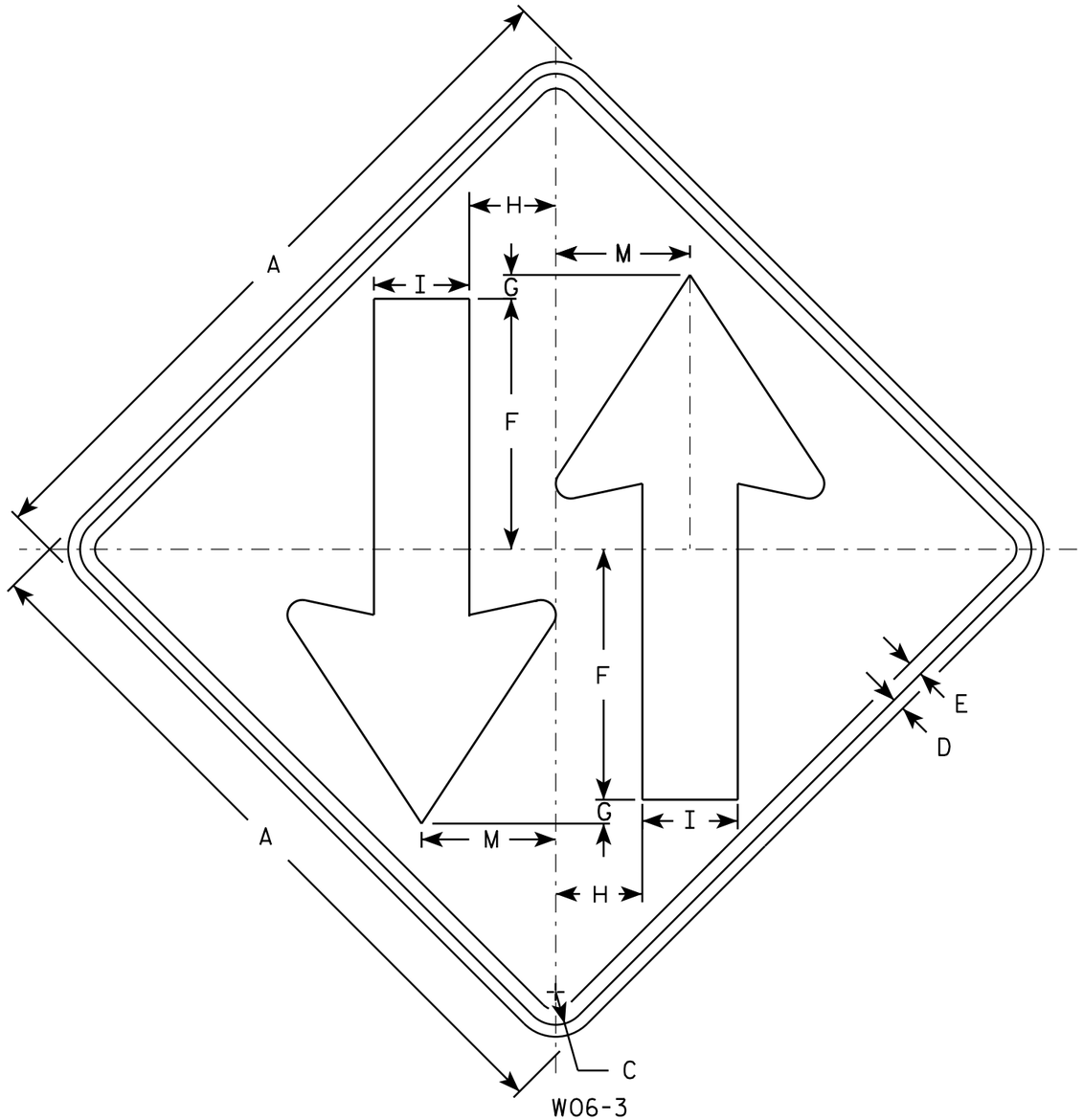
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE NO W06-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

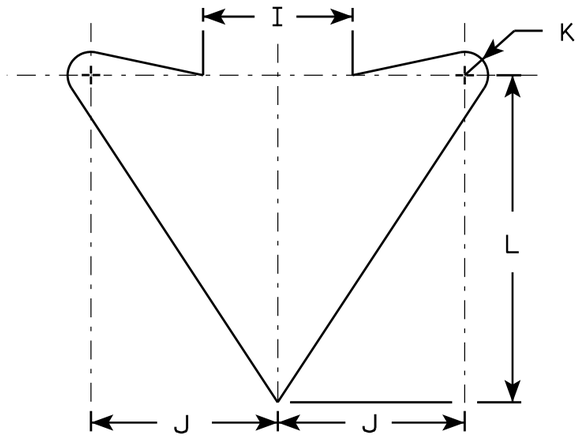
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W061.DGN PLOT DATE : 20-NOV-2013 12:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.810449:1.000000
WISDOT/CADDS SHEET 42



W06-3

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2S	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
2M	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
3	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
4	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

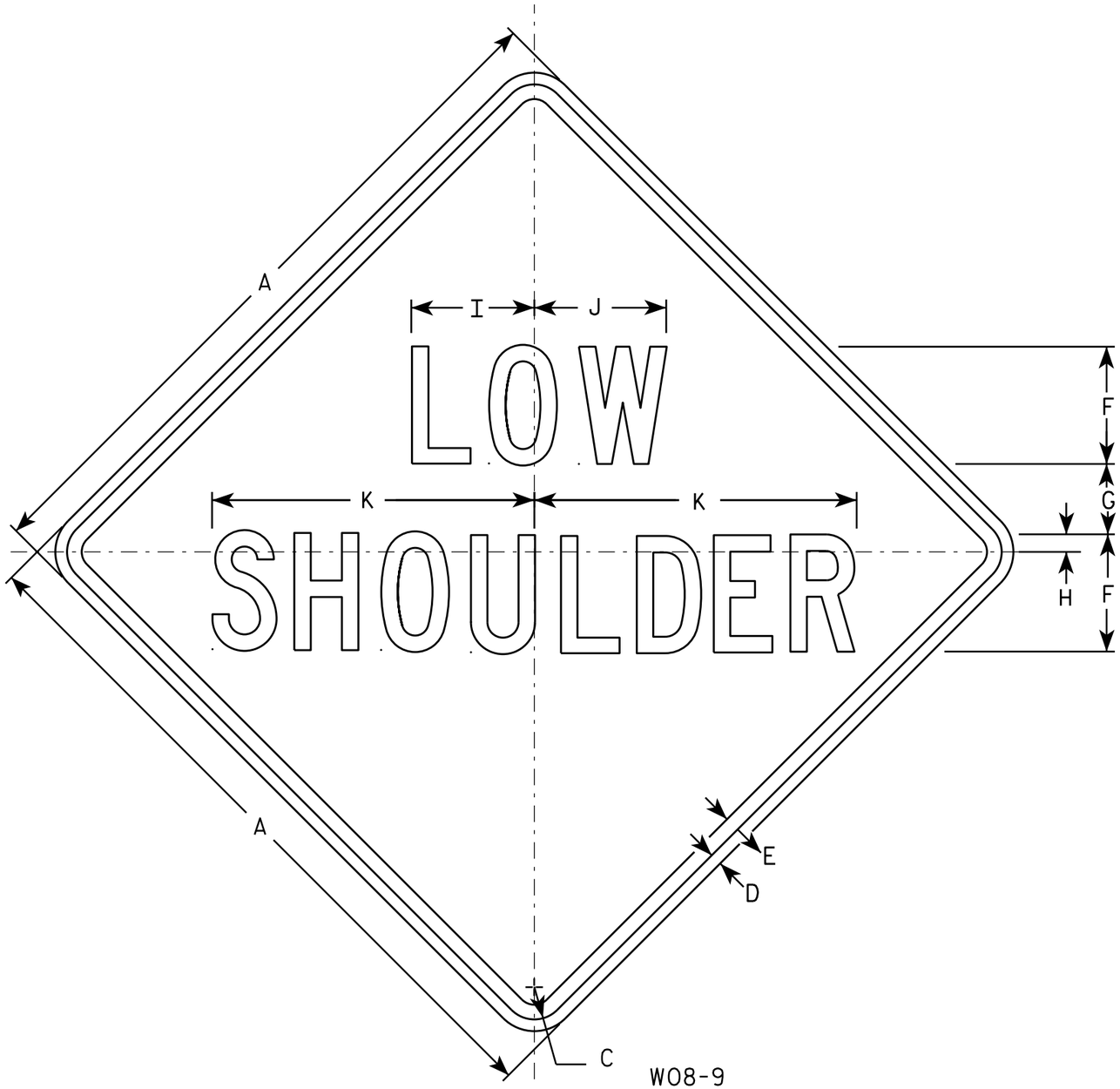
STANDARD SIGN
W06-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 561 W06-3.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W08-9

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	3 1/2	1	6 1/4	6 3/4	16 1/2																9.0
2S	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
2M	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
3	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
4	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
5	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0

STANDARD SIGN
W08-9

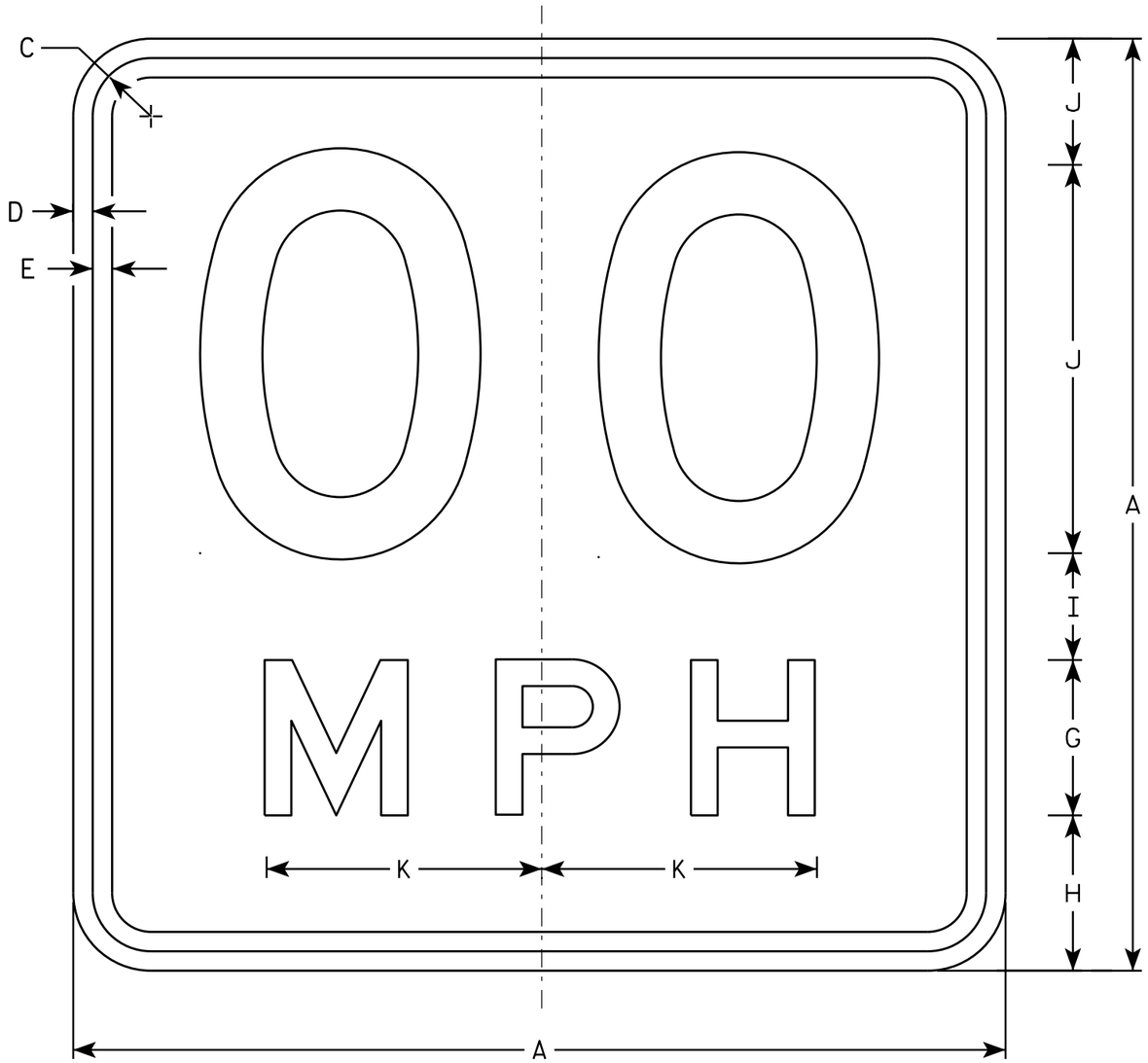
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W08-9.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W089.DGN PLOT DATE : 20-NOV-2013 14:06 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.755110:1.000000
WISDOT/CADDS SHEET 42



W013-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

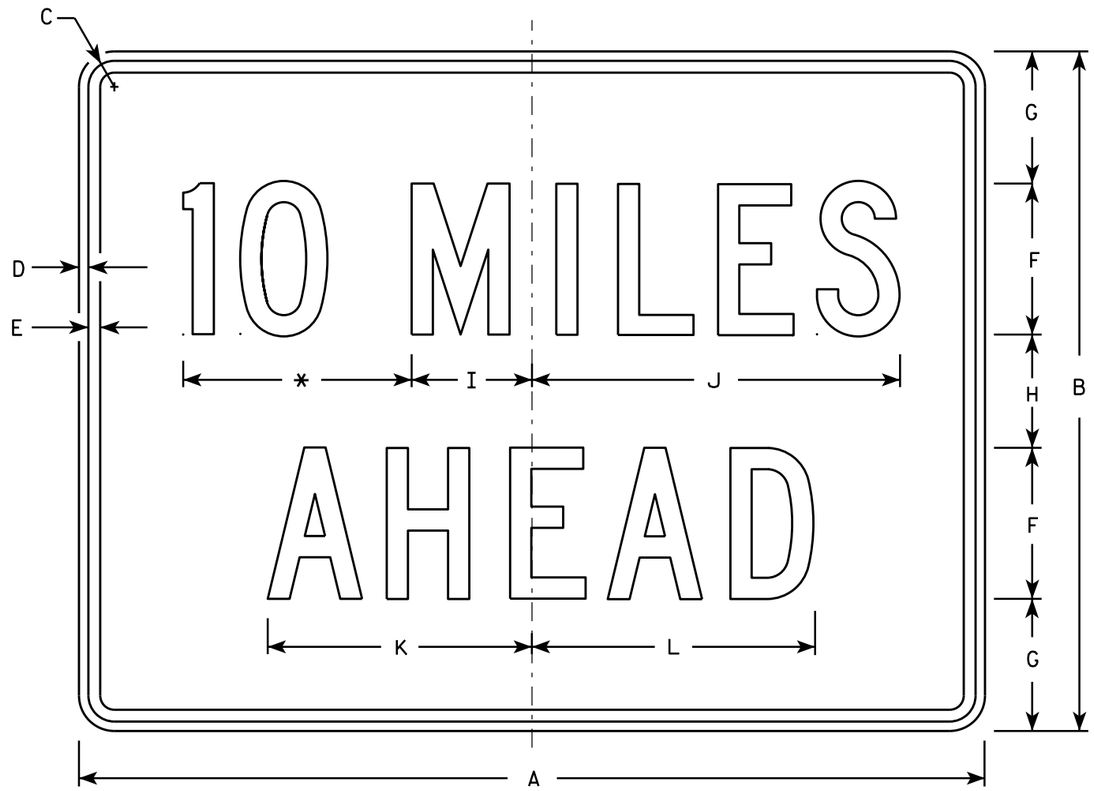
STANDARD SIGN
W013-1

WISCONSIN DEPT OF TRANSPORTATION

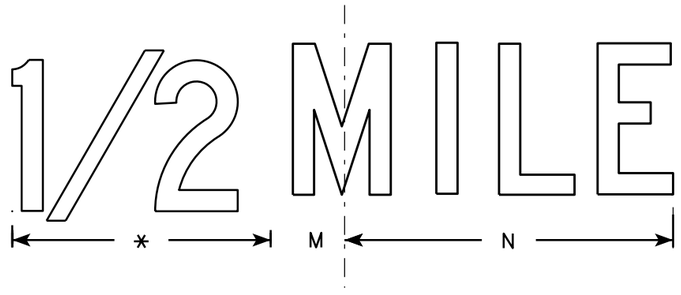
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/13 PLATE 563 W013-1.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W057-52



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	13													6.0
2S	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W057-52.1

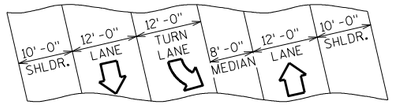
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W05752.DGN PLOT DATE : 28-FEB-2014 11:42 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 8.026599:1.000000 WISDOT/CADDS SHEET 42

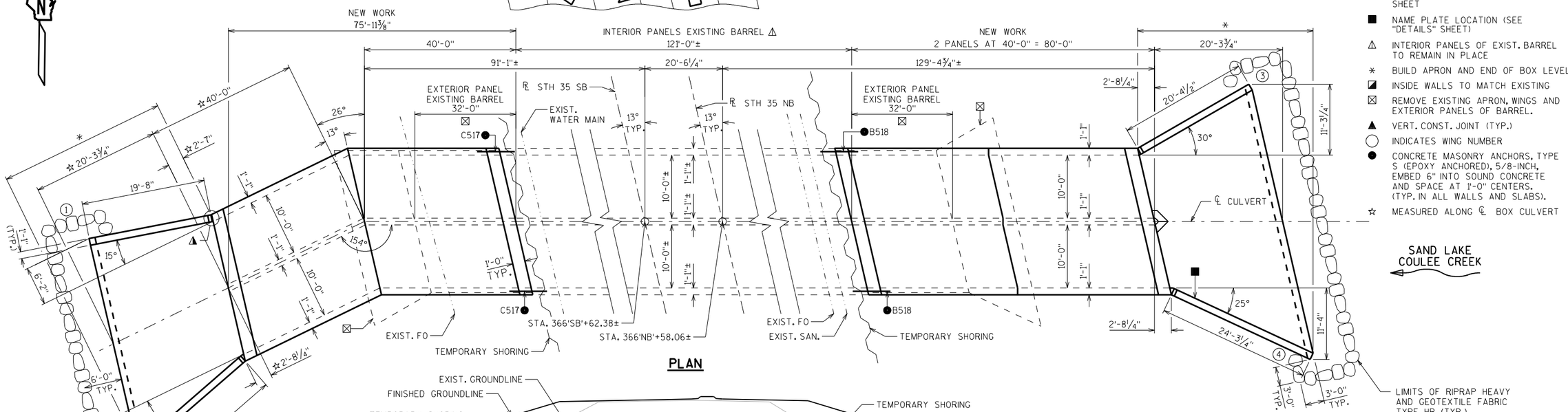
STATE PROJECT NUMBER

7190-06-71

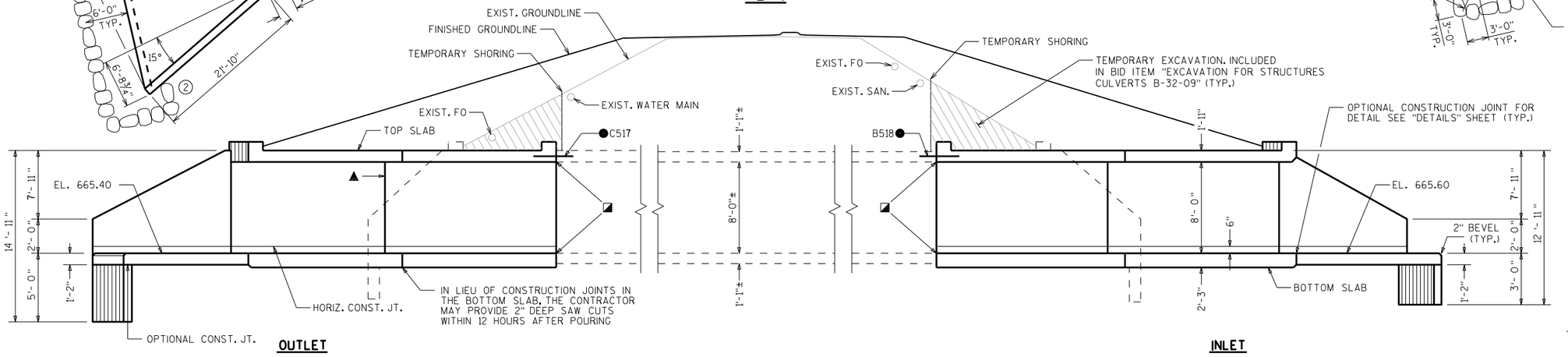
NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.



- ▲ FOR CORNER DETAILS SEE "DETAILS" SHEET
- ■ NAME PLATE LOCATION (SEE "DETAILS" SHEET)
- △ INTERIOR PANELS OF EXIST. BARREL TO REMAIN IN PLACE
- * BUILD APRON AND END OF BOX LEVEL
- ◪ INSIDE WALLS TO MATCH EXISTING
- ☒ REMOVE EXISTING APRON, WINGS AND EXTERIOR PANELS OF BARREL.
- ▲ VERT. CONST. JOINT (TYP.)
- ◯ INDICATES WING NUMBER
- ● CONCRETE MASONRY ANCHORS, TYPE S (EPOXY ANCHORED), 5/8-INCH, EMBED 6" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS. (TYP. IN ALL WALLS AND SLABS).
- ☆ MEASURED ALONG ℄ BOX CULVERT



PLAN



OUTLET

INLET

ELEVATION

LIST OF DRAWINGS

1. LAYOUT
2. INLET EXTENSION
3. OUTLET EXTENSION
4. APRON DETAILS
5. DETAILS
6. SUBSURFACE EXPLORATION

STRUCTURE DESIGN CONTACT:

DANIELLE DE TENNIS (608) 266-8689
LAURA SHADEWALD (608) 267-9592

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=1.05
OPERATING RATING FACTOR: RF=1.35
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 255 (KIPS)

EARTHLOAD: DESIGNED FOR 34.0 FT. OF FILL.

MATERIAL PROPERTIES:

CONCRETE MASONRY, GRADE A-FA ——— f'_c = 3500 P.S.I.
HIGH STRENGTH BAR STEEL REINFORCEMENT — f_y = 60000 P.S.I.

HYDRAULIC DATA

100 YEAR FREQUENCY	2 YEAR FREQUENCY
Q_{100} = 820 C.F.S.	Q_2 = 100 C.F.S.
VEL. = 7.55 F.P.S.	$HW._2$ = EL. 667.9
HW. = EL. 672.9	

DRAINAGE AREA = 7.6 SQ. MI.
OVERTOPPING RDWY. = N.A.
SCOUR CODE = 8

TOTAL ESTIMATED QUANTITIES

BID ITEMS

203.0200	REMOVING OLD STRUCTURE STA. 366+58	1	LS
206.2000	EXCAVATION FOR STRUCTURES CULVERTS B-32-09	1	LS
210.0100	BACKFILL STRUCTURE	2,380	CY
502.6105	MASONRY ANCHORS TYPE S 5/8-INCH	100	EACH
504.0100	CONCRETE MASONRY CULVERTS	815	CY
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	50,790	LB
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	1,700	LB
511.1200	TEMPORARY SHORING B-32-09	3,700	SF
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	55	SY
606.0300	RIPRAP HEAVY	45	CY
645.0120	GEOTEXTILE FABRIC TYPE HR	120	SY

NON-BID ITEMS

FILLER	3/4"	SIZE

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS B-32-09" SHALL BE THE EXISTING GROUNDLINE.

ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE TOP OF THE BOX WITHIN THE LENGTH OF THE CULVERT.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

PLACE A 18" (MIN.) WIDE SHEET OF 'RUBBERIZED MEMBRANE WATERPROOFING' ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 36 STANDARDS OF THE CURRENT WISC. DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF THE BREAKER RUN, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE BOX. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL.

REMOVE ALL SAND SEDIMENT IN THE SOUTH CELL OF THE EXISTING BOX CULVERT. INCIDENTAL TO "EXCAVATION FOR STRUCTURES CULVERTS B-32-09"

NO.	DATE	REVISION	BY

Plans Prepared By WISDOT
BUREAU OF STRUCTURES

ACCEPTED William C. Dreher 9/2/15
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-32-09

STH 35 OVER SAND LAKE COULEE CREEK

COUNTY	TOWN/~~CITY/VILLAGE~~
LA CROSSE	ONALASKA

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
DFD	NAR	DFD	NAR

LAYOUT

SHEET 1 OF 6

565

I.D. 7190-06-00

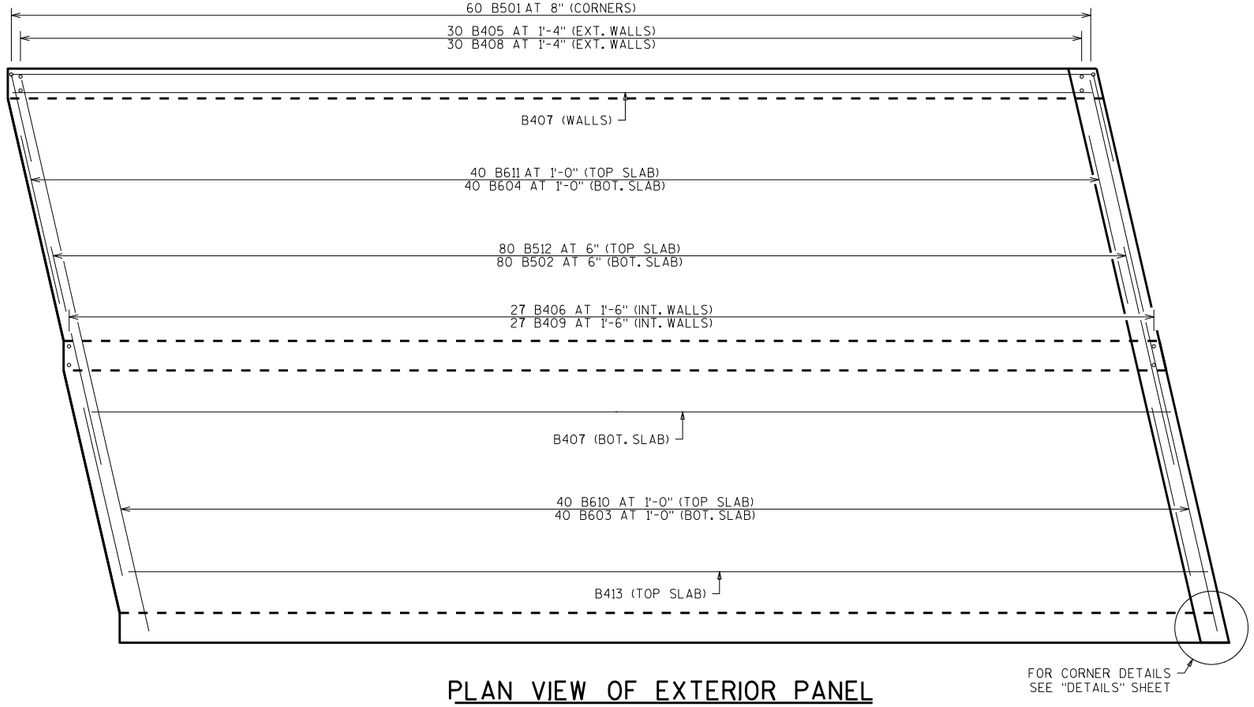
DATE: JUNE 2015

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STATE PROJECT NUMBER
7190-06-71



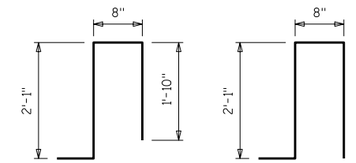
PLAN VIEW OF EXTERIOR PANEL

INTERIOR PANEL SIMILAR. APRON AND HEADER STEEL NOT SHOWN

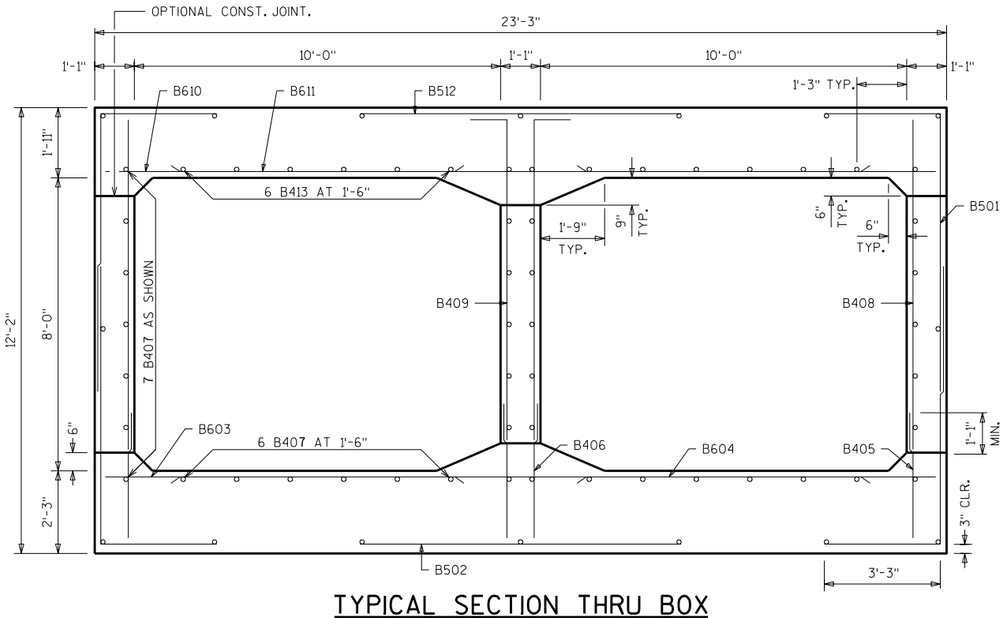
BILL OF BARS

THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR. LONGER BARS OF THE SAME SIZE MAY BE SUBSTITUTED FOR SHORTER BARS. PAYMENT BASED ON BAR LENGTHS AS DETAILED.

MARK	NUMBER REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
B501	480	9-11	3-3	NO	CORNERS
B502	160	9-3	NO	NO	BOTTOM SLAB TRANS.
B603	80	23-4	NO	NO	BOTTOM SLAB TRANS.
B604	160	7-8	NO	NO	BOTTOM SLAB TRANS.
B405	120	3-7	NO	NO	EXT. WALLS-DOWELS VERT.
B406	108	3-10	NO	NO	INT. WALLS-DOWELS VERT.
B407	112	39-6	NO	NO	TOP&BOTTOM SLAB & WALL
B408	120	9-3	NO	NO	EXT. WALLS VERT.
B409	108	9-11	1-0	NO	INT. WALLS VERT.
B610	80	23-4	NO	NO	TOP SLAB TRANS.
B611	160	7-8	NO	NO	TOP SLAB TRANS.
B512	160	9-3	NO	NO	TOP SLAB TRANS.
B413	24	39-6	NO	NO	TOP SLAB LONGIT.
B414	4	23-6	NO	NO	HEADERS HORIZ.
B315	32	5-0	YES	NO	EXT. PANEL HEADER STIRRUPS VERT.
B316	32	5-3	YES	NO	INT. PANEL HEADER STIRRUPS VERT.
B517	73	4-0	NO	NO	VERT. CONST. JOINT
● B518	50	2-6	NO	NO	INLET EXTENSION JOINT

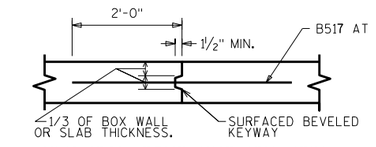


B315 B316



TYPICAL SECTION THRU BOX

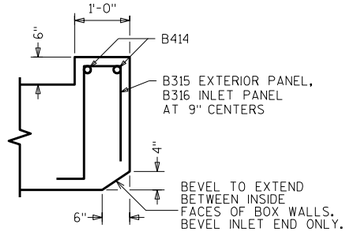
ALL LONGITUDINAL BARS NOT IDENTIFIED ARE B407 AS SHOWN.



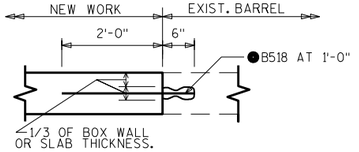
CONTRACTOR MAY UTILIZE MASONRY ANCHORS TYPE S (EPOXY ANCHORED) 5/8-INCH WITH 6" EMBEDMENT. INCIDENTAL TO "BAR STEEL REINFORCEMENT HS CULVERTS".

VERTICAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.



SECTION THRU TOP HEADER



INLET EXTENSION JOINT

TYP. WALLS AND TOP SLAB

● CONCRETE MASONRY ANCHORS, TYPE S (EPOXY ANCHORED), 5/8-INCH , EMBED 6" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP SLAB).

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-32-09

DRAWN BY DFD | PLANS CK'D. NAR

INLET EXTENSION

SHEET 2

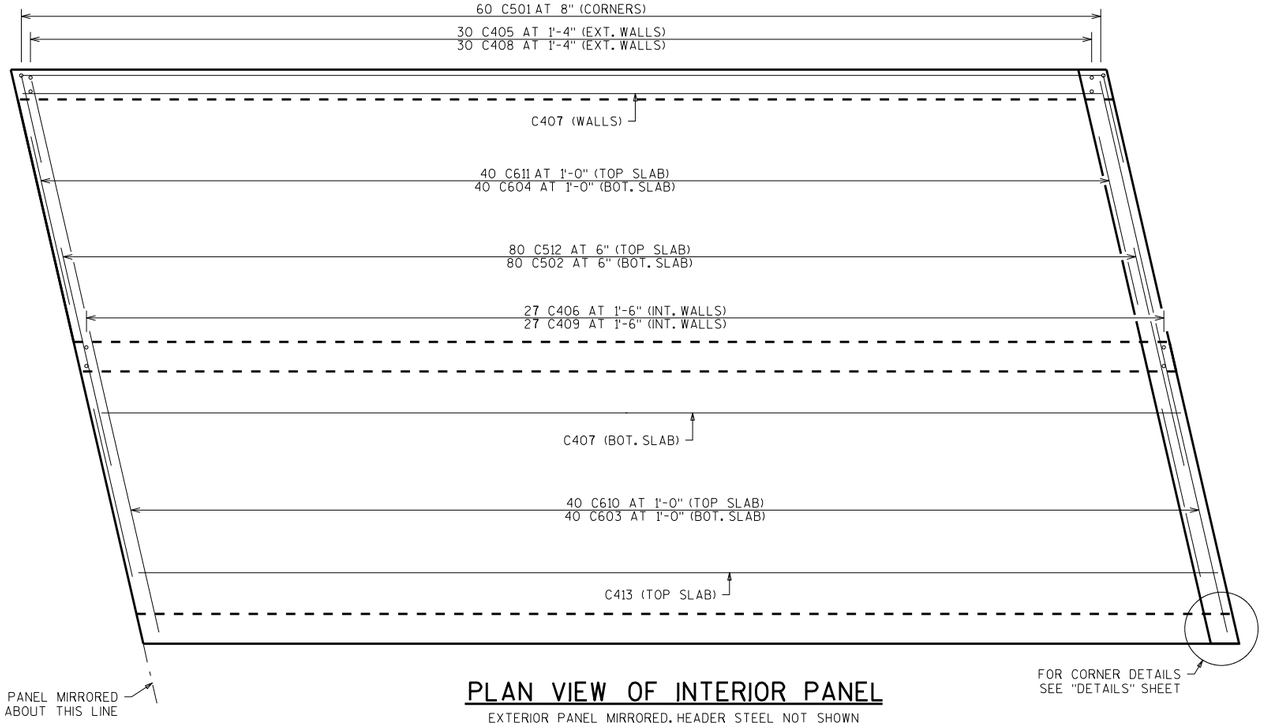
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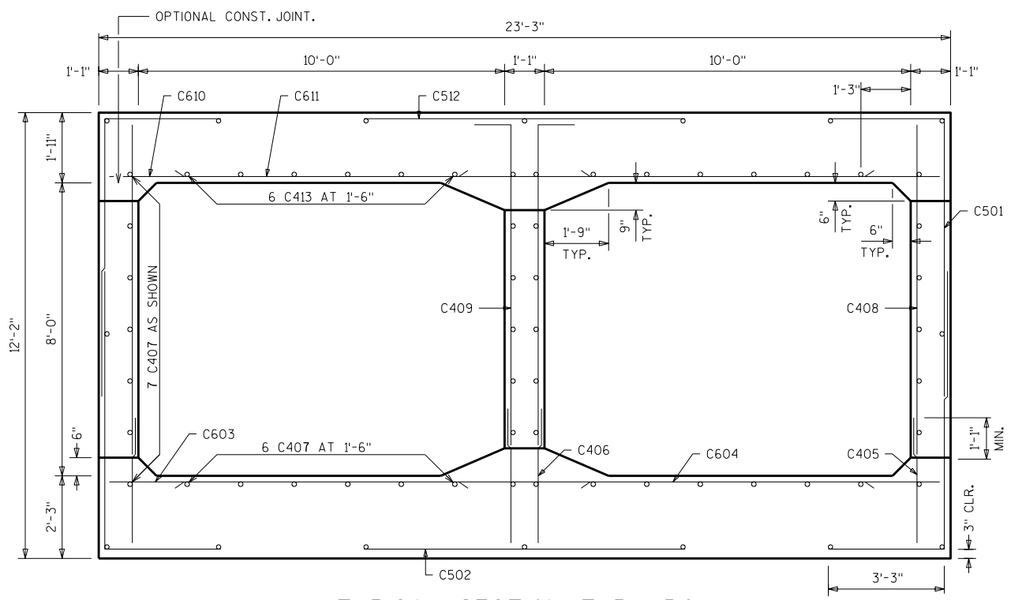
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STATE PROJECT NUMBER
7190-06-71



PLAN VIEW OF INTERIOR PANEL

EXTERIOR PANEL MIRRORED. HEADER STEEL NOT SHOWN



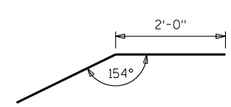
TYPICAL SECTION THRU BOX

ALL LONGITUDINAL BARS NOT IDENTIFIED ARE C407 AS SHOWN.

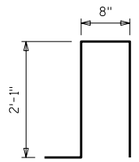
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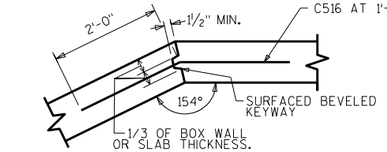
MARK	NUMBER REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
C501	480	9-11	3-3	NO	CORNERS
C502	160	9-3	NO	NO	BOTTOM SLAB TRANS.
C603	80	23-4	NO	NO	BOTTOM SLAB TRANS.
C604	160	7-8	NO	NO	BOTTOM SLAB TRANS.
C405	120	3-7	NO	NO	EXT. WALLS-DOWELS VERT.
C406	108	3-10	NO	NO	INT. WALLS-DOWELS VERT.
C407	112	39-6	NO	NO	TOP&BOTTOM SLAB & WALL
C408	120	9-3	NO	NO	EXT. WALLS VERT.
C409	108	9-11	1-0	NO	INT. WALLS VERT.
C610	80	23-4	NO	NO	TOP SLAB TRANS.
C611	160	7-8	NO	NO	TOP SLAB TRANS.
C512	160	9-3	NO	NO	TOP SLAB TRANS.
C413	24	39-6	NO	NO	TOP SLAB LONGIT.
C414	4	23-6	NO	NO	HEADERS HORIZ.
C315	64	5-3	YES	NO	HEADER STIRRUPS VERT.
C516	73	4-0	YES	NO	VERT. CONST. JOINT
● C517	50	2-6	NO	NO	OUTLET EXTENSION JOINT



C516



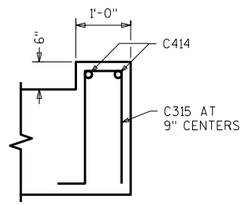
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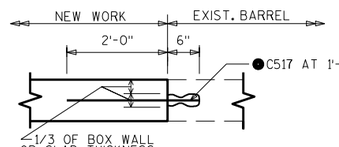
CONTRACTOR MAY UTILIZE MASONRY ANCHORS TYPE S (EPOXY ANCHORED) 5/8-INCH WITH 6" EMBEDMENT. INCIDENTAL TO "BAR STEEL REINFORCEMENT HS CULVERTS".

VERTICAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.



SECTION THRU TOP HEADER



OUTLET EXTENSION JOINT

TYP. WALLS AND TOP SLAB

● CONCRETE MASONRY ANCHORS, TYPE S (EPOXY ANCHORED), 5/8-INCH , EMBED 6" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP SLAB).

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-32-09

DRAWN BY DFD | PLANS CK'D. NAR

OUTLET EXTENSION

SHEET 3

567

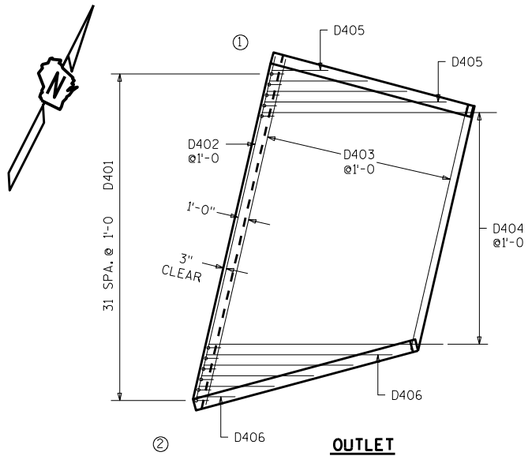
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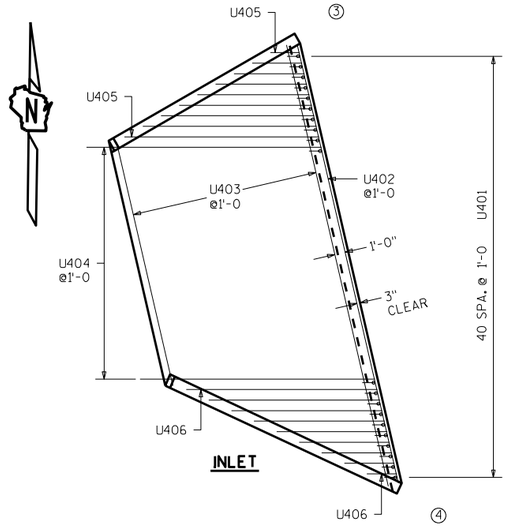
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STATE PROJECT NUMBER

7190-06-71



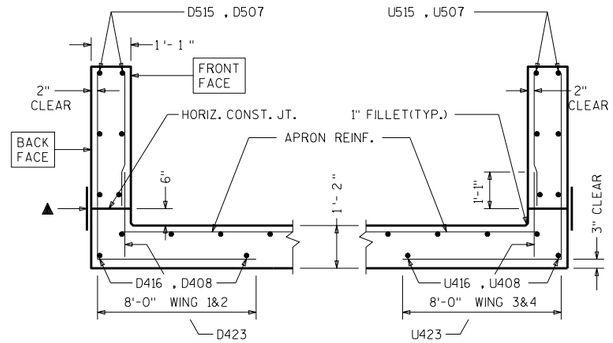
OUTLET



INLET

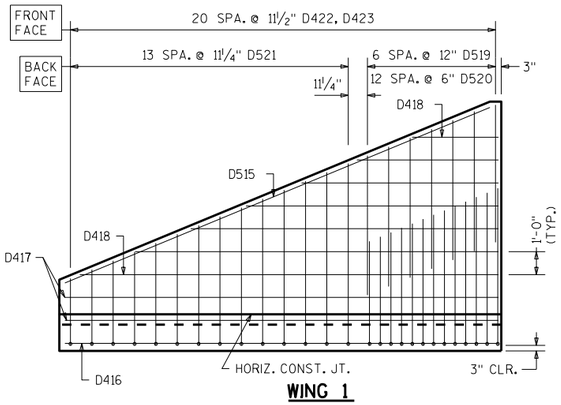
APRON REINF.

▲ 18" RUBBERIZED MEMBRANE WATER-PROOFING. PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE WING LENGTH (TYP.).

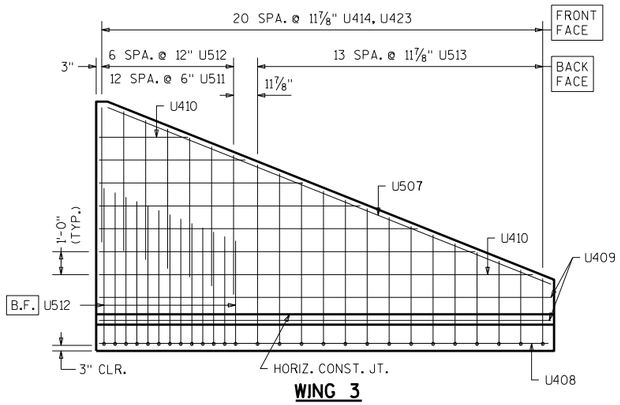


SECTION THRU WINGS

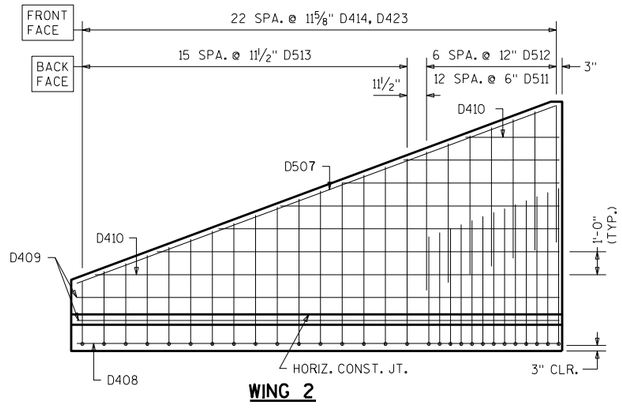
AT RIGHT ANGLES TO WING WALLS



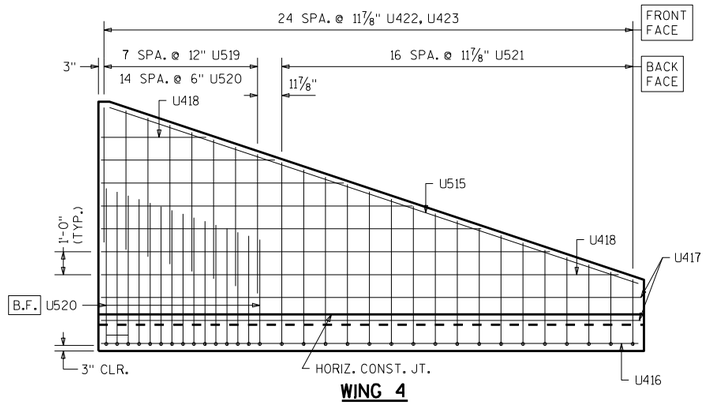
WING 1



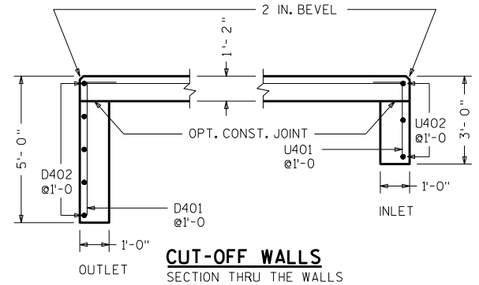
WING 3



WING 2

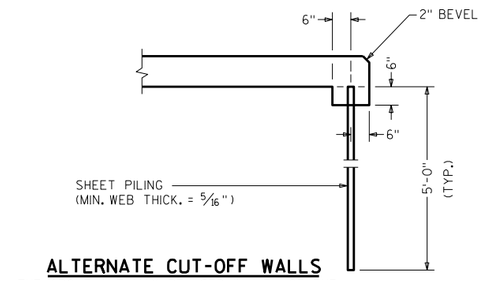


WING 4



CUT-OFF WALLS

SECTION THRU THE WALLS



ALTERNATE CUT-OFF WALLS

THE ABOVE ALT. MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONC. CUT-OFF WALLS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-32-09

DRAWN BY DFD | PLANS CK'D. NAR

APRON DETAILS

SHEET 4

568

SCALE = 4.0

8

8

STATE PROJECT NUMBER

7190-06-71

BILL OF BARS

THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF AN L - SHAPED BAR.

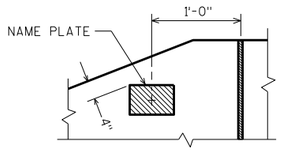
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
D401		32	5 - 6	1 - 0		OUTLET APRON AND CUTOFF WALL
D402		5	32 - 9			OUTLET APRON AND CUTOFF WALL
D403		19	28 - 11		*	" APRON
D404		23	22 - 4			" APRON
D405		4	11 - 10		*	" APRON
D406		5	11 - 1		*	" APRON
D507		2	22 - 7			WING 2 -HORIZONTAL - BOTH FACES
D408		2	21 - 5			WING "-HORIZONTAL -APRON BOTT. SLAB
D409		4	21 - 5			WING "-HORIZONTAL - BOTH FACES
D410		14	12 - 10		*	WING "-HORIZONTAL - BOTH FACES
D511		7	7 - 0			WING "-VERTICAL - BACK FACE
D512	X	13	12 - 3	8 - 0	*	WING "-VERTICAL - BACK FACE
D513	X	16	13 - 4	8 - 0	*	WING "-VERTICAL - BACK FACE
D414		23	5 - 4		*	WING "-VERTICAL - FRONT FACE
D515		2	20 - 7			WING 1 -HORIZONTAL - BOTH FACES
D416		2	19 - 3			WING "-HORIZONTAL -APRON BOTT. SLAB
D417		4	19 - 3			WING "-HORIZONTAL - BOTH FACES
D418		14	11 - 7		*	WING "-HORIZONTAL - BOTH FACES
D519		7	7 - 0			WING "-VERTICAL - BACK FACE
D520	X	13	12 - 3	8 - 0	*	WING "-VERTICAL - BACK FACE
D521	X	14	13 - 3	8 - 0	*	WING "-VERTICAL - BACK FACE
D422		21	5 - 4		*	WING "-VERTICAL - FRONT FACE
D423	X	44	2 - 6			WINGS 1 AND 2 - DOWELS - FRONT FACE
U401		41	3 - 6	1 - 0		INLET APRON AND CUTOFF WALL
U402		3	42 - 9			INLET APRON AND CUTOFF WALL
U403		19	33 - 10		*	" APRON
U404		23	22 - 4			" APRON
U405		9	11 - 1		*	" APRON
U406		9	11 - 3		*	" APRON
U507		2	21 - 3			WING 3 -HORIZONTAL - BOTH FACES
U408		2	19 - 11			WING "-HORIZONTAL -APRON BOTT. SLAB
U409		4	19 - 11			WING "-HORIZONTAL - BOTH FACES
U410		14	12 - 0		*	WING "-HORIZONTAL - BOTH FACES
U511		7	7 - 0			WING "-VERTICAL - BACK FACE
U512	X	13	12 - 8	8 - 0	*	WING "-VERTICAL - BACK FACE
U513	X	14	13 - 3	8 - 0	*	WING "-VERTICAL - BACK FACE
U414		21	5 - 4		*	WING "-VERTICAL - FRONT FACE
U515		2	24 - 10			WING 4 -HORIZONTAL - BOTH FACES
U416		2	23 - 10			WING "-HORIZONTAL -APRON BOTT. SLAB
U417		4	23 - 10			WING "-HORIZONTAL - BOTH FACES
U418		14	14 - 3		*	WING "-HORIZONTAL - BOTH FACES
U519		8	7 - 0			WING "-VERTICAL - BACK FACE
U520	X	15	12 - 9	8 - 0	*	WING "-VERTICAL - BACK FACE
U521	X	17	13 - 4	8 - 0	*	WING "-VERTICAL - BACK FACE
U422		25	5 - 4		*	WING "-VERTICAL - FRONT FACE
U423	X	46	2 - 6			WINGS 3 AND 4 - DOWELS - FRONT FACE

* LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

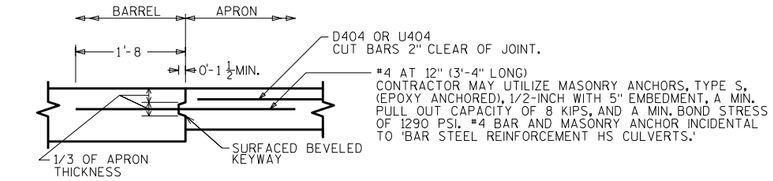
BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY

BAR MARK	NO. REQ'D.	LENGTHS FOR EACH SERIES
D403	1 SERIES OF 19	23 - 9 TO 34 - 0
D405	1 SERIES OF 4	5 - 11 TO 17 - 9
D406	1 SERIES OF 5	4 - 1 TO 18 - 1
D410	2 SERIES OF 7	4 - 9 TO 20 - 11
D512	1 SERIES OF 13	11 - 2 TO 13 - 4
D513	1 SERIES OF 16	10 - 8 TO 16 - 0
D414	1 SERIES OF 23	1 - 4 TO 9 - 3
D418	2 SERIES OF 7	4 - 4 TO 18 - 10
D520	1 SERIES OF 13	11 - 5 TO 13 - 10
D521	1 SERIES OF 14	10 - 8 TO 15 - 9
D422	1 SERIES OF 21	1 - 4 TO 9 - 3
U403	1 SERIES OF 19	24 - 0 TO 43 - 7
U405	1 SERIES OF 9	3 - 3 TO 18 - 11
U406	1 SERIES OF 9	3 - 7 TO 18 - 11
U410	2 SERIES OF 7	4 - 5 TO 19 - 6
U512	1 SERIES OF 13	11 - 6 TO 13 - 10
U513	1 SERIES OF 14	10 - 8 TO 15 - 10
U414	1 SERIES OF 21	1 - 4 TO 9 - 3
U418	2 SERIES OF 7	5 - 3 TO 23 - 3
U520	1 SERIES OF 15	11 - 7 TO 13 - 10
U521	1 SERIES OF 17	10 - 8 TO 15 - 11
U422	1 SERIES OF 25	1 - 4 TO 9 - 3

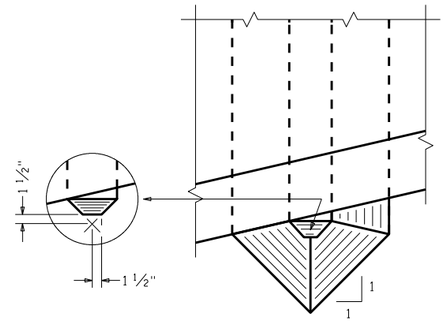


NAME PLATE LOCATION
WING 4

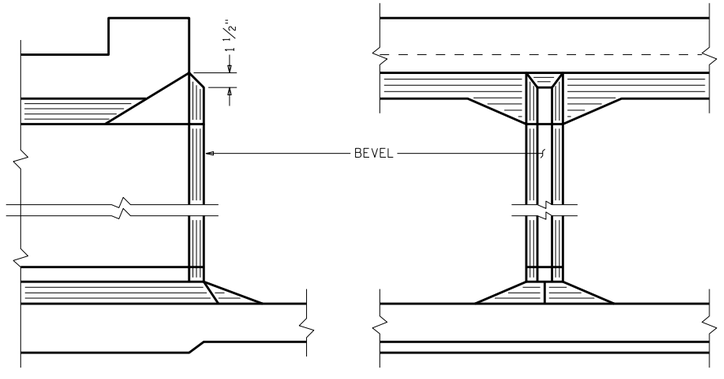


OPTIONAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.

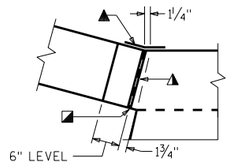


PLAN

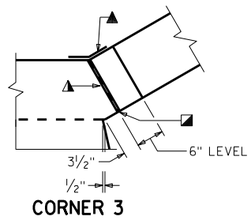


SECTION ELEVATION

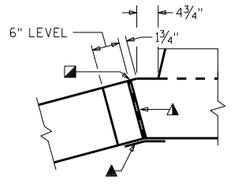
INLET NOSE DETAILS



CORNER 1



CORNER 3

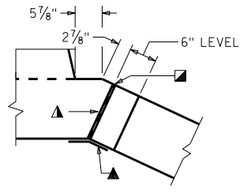


CORNER 2

◭ 3/4" FILLER TYPICAL. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.

◪ 1" BEVEL TYPICAL

▲ 18" RUBBERIZED MEMBRANE WATER-PROOFING. EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL.



CORNER 4

CORNER DETAILS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-32-09

DRAWN BY DFD | PLANS CK'D. NAR

DETAILS

SHEET 5

569

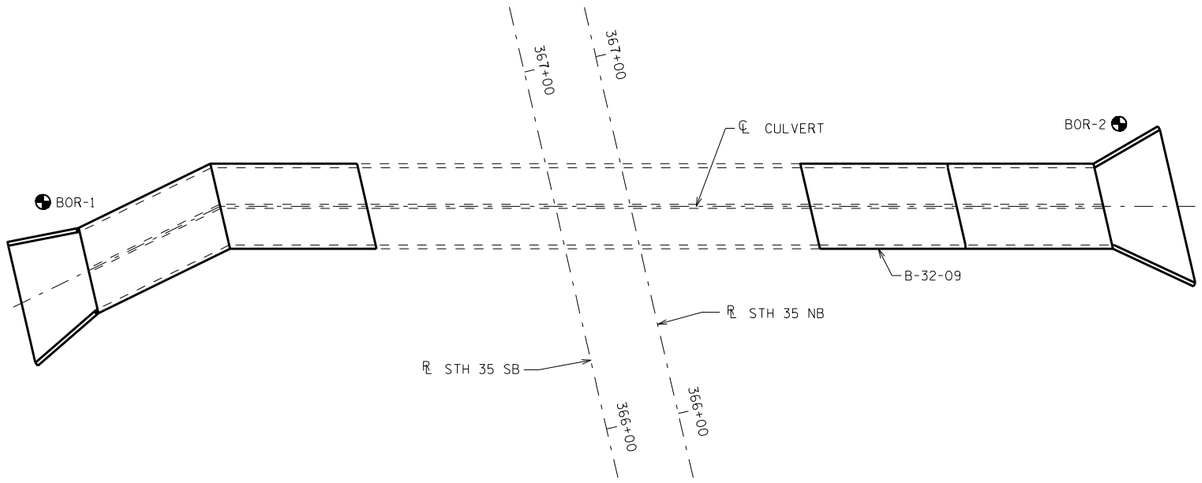
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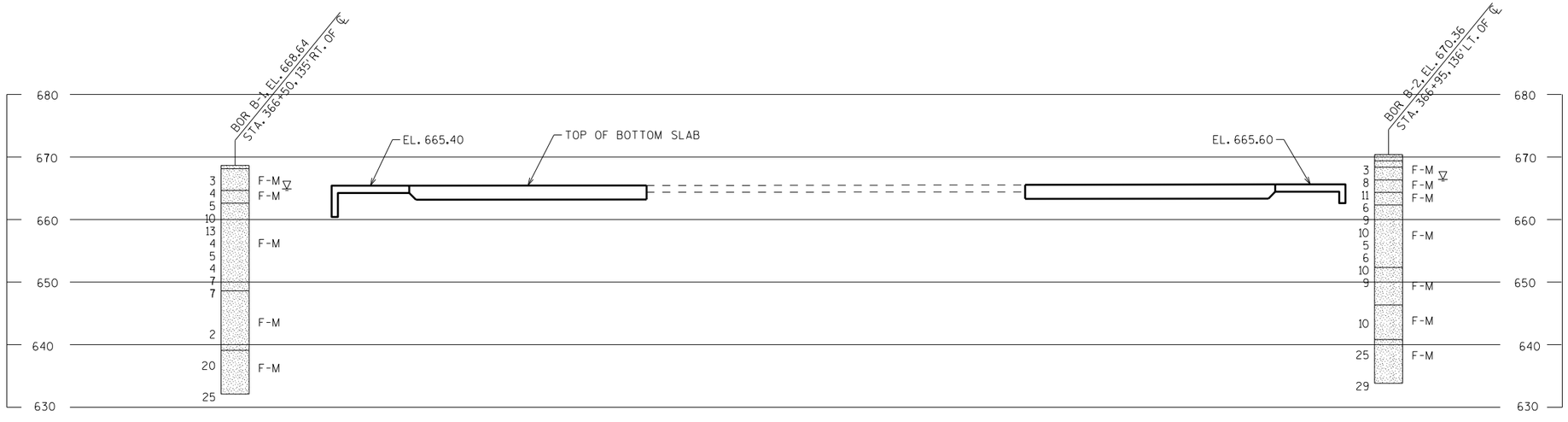
8

8

ONALASKA - USH 53
POPLAR ST - USH 53

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	12/3/2012	175012.85	444909.05
2	12/4/2012	174987.07	444615.67
BORINGS COMPLETED BY: AET			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) LACROSSE COUNTY			





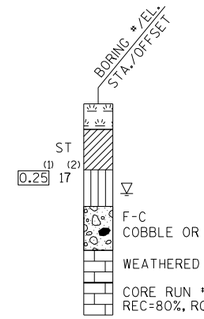
STATE PROJECT NUMBER

7190-06-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-32-09

DRAWN BY PR/DFD | PLANS CK'D. NAR

SUBSURFACE EXPLORATION

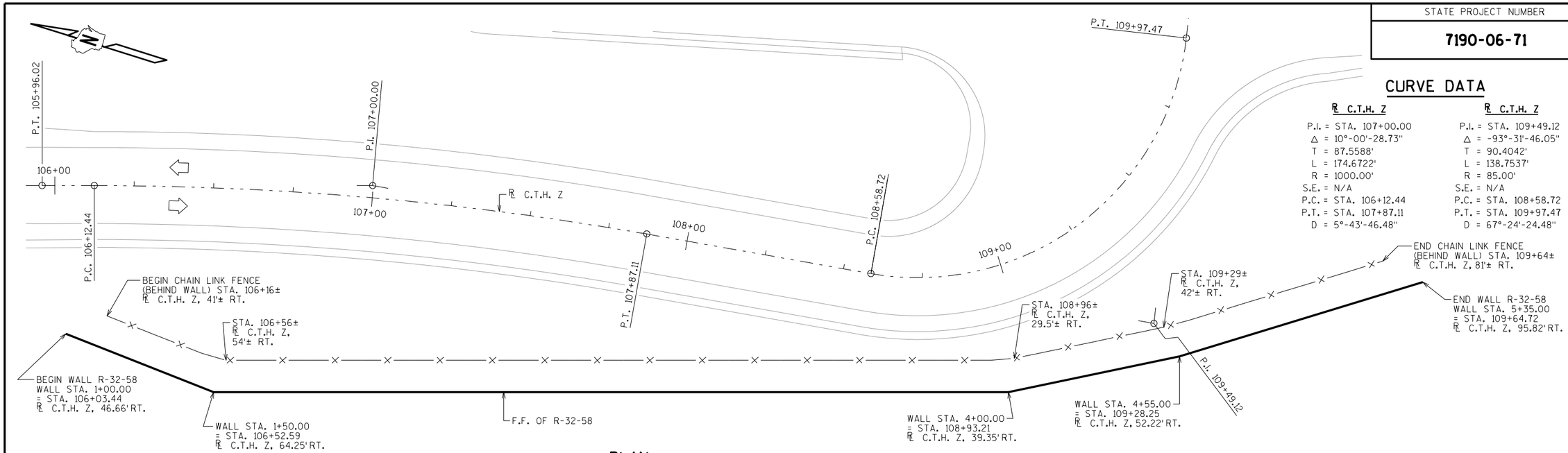
SHEET 6

570

SCALE =

STATE PROJECT NUMBER

7190-06-71

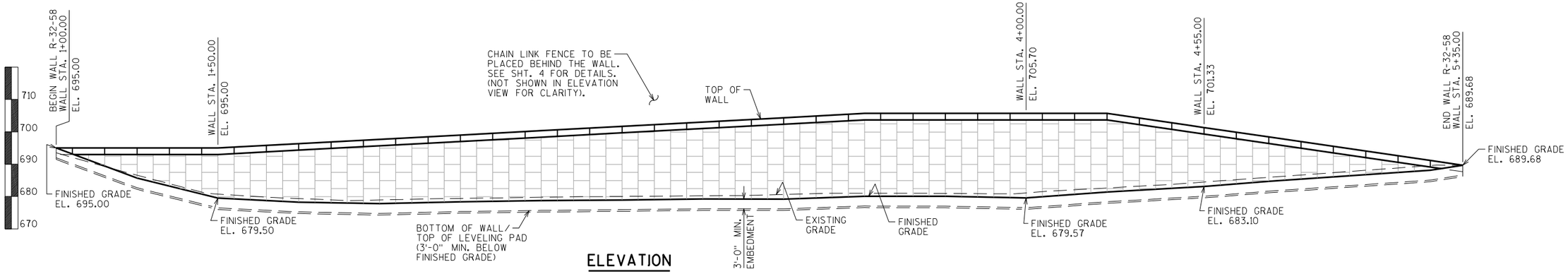


CURVE DATA

℄ C.T.H. Z	℄ C.T.H. Z
P.I. = STA. 107+00.00	P.I. = STA. 109+49.12
Δ = 10°-00'-28.73"	Δ = -93°-31'-46.05"
T = 87.5588'	T = 90.4042'
L = 174.6722'	L = 138.7537'
R = 1000.00'	R = 85.00'
S.E. = N/A	S.E. = N/A
P.C. = STA. 106+12.44	P.C. = STA. 108+58.72
P.T. = STA. 107+87.11	P.T. = STA. 109+97.47
D = 5°-43'-46.48"	D = 67°-24'-24.48"

PLAN

CONCRETE PANEL M.S.E. RETAINING WALL



ELEVATION

LOOKING EAST AT F.F. OF WALL

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/QMP".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWING ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL SHALL BE DESIGNED USING THE ELEVATIONS GIVEN ON SHEET 2.

DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE SLOPED BEHIND WALL, AS SHOWN.

DESIGN RETAINING WALL FOR A LIVE LOAD SURCHARGE LOAD OF 240 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BEVEL ALL EXPOSED EDGES OF CONCRETE ¾" UNLESS NOTED OTHERWISE.

BAR STEEL REINFORCEMENT SHALL HAVE 2" CLEAR COVER UNLESS OTHERWISE SHOWN OR NOTED.

ALL WALL STATIONING AND OFFSETS ARE GIVEN TO THE FRONT FACE OF THE WALL.

THE PLAN QUANTITY FOR THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/QMP" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO THE TOP OF LEVELING PAD, SET A CONSTANT DEPTH OF 3'-0" BELOW FINISHED GRADE.

THE QUANTITY OF CONCRETE MASONRY & REINFORCING STEEL, FOR THE CAST-IN-PLACE COPING, IS PAID FOR UNDER THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/QMP".

ALL BAR STEEL REINFORCEMENT IN CAST-IN-PLACE CONCRETE IS TO BE EPOXY COATED.

THE EXISTING GROUNDLINE IS THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES.

ALLOWABLE WALL SYSTEMS

WALL CONCRETE PANEL M.S.E. LRFD

MATERIAL PROPERTIES

CONCRETE MASONRY CAST-IN-PLACE COPING —— f'c = 3,500 P.S.I.

BAR STEEL REINFORCEMENT, GRADE 60 ———— fy = 60,000 P.S.I.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. DESIGN DATA & QUANTITIES
3. WALL DETAILS
4. CHAIN LINK FENCE DETAILS
5. SUBSURFACE EXPLORATION

STRUCTURE DESIGN CONTACTS:

ALEXANDER CRABTREE (608) 266-3686

LAURA SHADEWALD (608) 267-9592

NO.	DATE	REVISION	BY

Plans Prepared By **WISDOT**

BUREAU OF STRUCTURES

ACCEPTED William C. Dreher LLS — CHIEF STRUCTURES DESIGN ENGINEER — 8/7/15 DATE

STRUCTURE R-32-58

RETAINING WALL ALONG C.T.H. Z

COUNTY	TOWN ~~CITY/VILLAGE~~
LA CROSSE	ONALASKA

DESIGN SPEC. AASHTO LRFD DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
ARC	JDL	ARC	JDL

GENERAL PLAN & ELEVATION

SHEET 1 OF 5

571

I.D. 7190-06-00

DATE: JUNE 2015

SCALE = 16

8

8

STATE PROJECT NUMBER

7190-06-71

SOIL PARAMETERS

SOIL DESCRIPTION & STRATUM LOCATIONS	FRICTION ANGLE, (DEGREES)	COHESION, (PSF)	UNIT WEIGHT, (PCF)
GRANULAR BACKFILL, (WITHIN THE WALL IN THE REINFORCING ZONE)	30	0	120
F-M SAND SOME SILT, (BEHIND THE REINFORCMENT ZONE)	31	0	120
B-3, STA. 107+17.88			
LOOSE F-M SAND ELEVATION 875.3 FT TO ELEVATION 670.6 FT	30	0	110
LOOSE F-M SAND ELEVATION 670.6 FT TO ELEVATION 662.6 FT	31	0	110
LOOSE F-M SAND ELEVATION 662.6 FT TO ELEVATION 656.6 FT	31	0	110
FIRM F-M SAND ELEVATION 656.6 FT TO ELEVATION 644.1 FT	33	0	120
B-4, STA. 108+14.28			
LOOSE F-M SAND ELEVATION 676.2 FT TO ELEVATION 671.1 FT	31	0	110
LOOSE F-M SAND ELEVATION 671.1 FT TO ELEVATION 652.1 FT	31	0	110
FIRM F-M SAND ELEVATION 652.1 FT TO ELEVATION 644.6 FT	33	0	120
B-5, STA. 108+77.73			
LOOSE F-M SAND ELEVATION 676.6 FT TO ELEVATION 671.3 FT	30	0	110
LOOSE F-M SAND ELEVATION 671.3 FT TO ELEVATION 665.3 FT	31	0	110
LOOSE F-M SAND ELEVATION 665.3 FT TO ELEVATION 659.3 FT	31	0	110
FIRM F-M SAND ELEVATION 659.3 FT TO ELEVATION 654.3 FT	33	0	115
FIRM F-M SAND ELEVATION 654.3 FT TO ELEVATION 646.8 FT	33	0	120
B-6, STA. 109+66.18			
LOOSE F-M SAND ELEVATION 681.7 FT TO ELEVATION 674.6 FT	30	0	110
LOOSE F-M SAND, TRACE OF GRAVEL ELEVATION 674.6 FT TO ELEVATION 670.6 FT	31	0	110
LOOSE F-M SAND ELEVATION 670.6 FT TO ELEVATION 664.6 FT	31	0	110
LOOSE F-M SAND, TRACE OF GRAVEL ELEVATION 664.6 FT TO ELEVATION 654.6 FT	33	0	120
LOOSE F-M SAND ELEVATION 654.6 FT TO ELEVATION 652.1 FT	29	0	110

NOTES:

THE TYPICAL WALL SECTION USED IN THE ANALYSES HAD AN EXPOSED HEIGHT THAT VARIES FROM 8.4 FEET TO 26.1 FEET. THE FOLLOWING ASSUMPTIONS ARE ALSO INCLUDED IN THE ANALYSES:

1. THE SLOPE BEHIND THE WALL VARIES FROM 2.5H:1V TO 3.6H:1V.
2. THE SLOPE IN FRONT OF THE WALL IS VARIABLE FROM 2.4H:1V TO 7.0H:1V.
3. THE GROUNDWATER ELEVATION WAS BELOW THE INVESTIGATED DEPTH.
4. THE GRANULAR BACKFILL IS FREE DRAINING AND WILL NOT BECOME SATURATED.
5. THE MINIMUM EMBEDMENT DEPTH IS 3.0 FEET.
6. 3.0 FEET WAS ADDED TO THE EXPOSED HEIGHTS TO ARRIVE AT THE DESIGN HEIGHTS (TOTAL HEIGHTS).
7. AN EMBEDMENT DEPTH OF 3.0 FEET WAS USED IN ORDER TO ACHIEVE GLOBAL STABILITY (CDR = 1.0).
8. THE THICKNESS OF THE CONCRETE PANEL IS 5.5 INCHES.
9. A SURCHARGE LOAD OF 240PSF IS INCLUDED TO MODEL LIGHTWEIGHT CONSTRUCTION EQUIPMENT AND LIVE LOAD.
10. GLOBAL STABILITY WAS DETERMINED BY THE COMPUTER PROGRAM XSTABL.
11. BEARING RESISTANCE WAS DETERMINED BY TERZAGHI'S BEARING CAPACITY EQUATION.
12. SETTLEMENT OF THE FOUNDATION ON COHESIONLESS SOIL WAS BASED UPON METHODS DESCRIBED IN THE FHWA SOILS AND FOUNDATIONS MANUAL.
13. DESIGN COMPLETED USING LOAD RESISTANCE FACTOR DESIGN (LRFD) METHOD.

THE FOLLOWING WALL REQUIREMENTS ARE BASED UPON THE SITE INVESTIGATION REPORT FINDINGS & CONCLUSIONS:

1. THE WALL EMBEDMENT DEPTH SHOULD BE 3.0 FEET. AN EMBEDMENT DEPTH OF 3.0 FEET WAS USED IN ORDER TO ACHIEVE GLOBAL STABILITY (CDR = 1.0).
2. THE M.S.E. WALL WITH PANEL FACING WILL ACHIEVE THE EXTERNAL STABILITY CDR VALUES SHOWN IN WALL EXTERNAL STABILITY EVALUATION TABLE. THE WALL EXTERNAL STABILITY EVALUATION TABLE ALSO PRESENTS THE MINIMUM REQUIRED LENGTHS OF THE REINFORCEMENT.
3. THE LENGTHS OF REINFORCEMENT RANGES BETWEEN 10.3 FEET AND 27.0 FEET.
4. THE SOIL AT THE BASE OF THE WALL SHOULD BE REVIEWED BY SOUTHWEST REGION LA CROSSE OFFICE SOILS ENGINEER TO DETERMINE IF THE SOILS HAVE ADEQUATE STRENGTH TO SUPPORT THE M.S.E. WALL WITH PANEL FACING.

WALL EXTERNAL STABILITY EVALUATION

DIMENSIONS							
WALL HEIGHT (FEET)[1]	18.5	22.9	26.8	28.6	29.1	21.2	11.4
EXPOSED WALL HEIGHT (FEET)	15.5	19.9	23.8	25.6	26.1	18.2	8.4
LENGTH OF REINFORCEMENT (FEET)[3]	22.2	21.5	25.2	27	27	17	10.3
LENGTH OF REINFORCEMENT/WALL HEIGHT	1.2	0.94	0.94	0.94	0.93	0.8	0.9
WALL STATION	1+50	2+00	3+00	3+50	4+00	4+55	5+00
BORING USED	B-3	B-3	B-4	B-4	B-5	B-5	B-6
CAPACITY TO DEMAND RATIO (CDR)[4]							
SLIDING (CDR > 1.0)	1.4	1.1	1.5	1.8	1.6	1.1	1.1
ECCENTRICITY (CDR > 1.0)	2.4	1.6	1.9	2.2	2.0	1.3	1.5
GLOBAL STABILITY (CDR > 1.0)	1.1	1.1	NA[5]	NA[5]	1.2	NA[5]	NA[5]
BEARING RESISTANCE (CDR > 1.0)	1.1	1.1	1.2	1.2	1.2	1.1	1.6
FACTORED BEARING RESISTANCE (PSF)	5,400	7,800	8,000	7,400	8,500	7,300	5,500

NOTES:

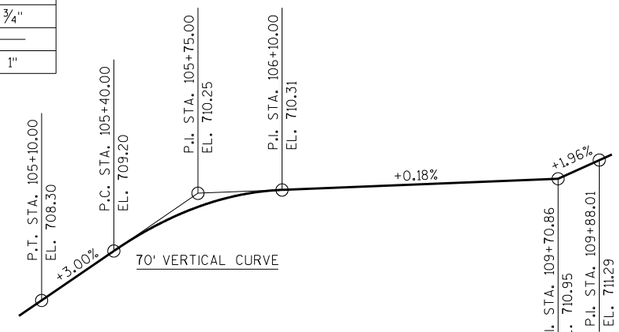
1. THE WALL HEIGHT INCLUDES AN EMBEDMENT OF 3.0 FEET.
2. THE WALL STABILITY EVALUATION INCLUDED A SURCHARGE LOAD OF 240 PSF.
3. THE LENGTH OF REINFORCEMENT IS THE MINIMUM REQUIRED LENGTH.
4. CDR VALUES ARE PRESENTED IN CHAPTER 14 OF THE BRIDGE MANUAL.
5. NA = NOT APPLICABLE, GLOBAL SLOPE STABILITY WAS EVALUATED AT THE CRITICAL WALL LOCATION.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
616.0205	FENCE CHAIN LINK 5-FT	LF	408
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	455
SPV.0165	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFD/QMP	SF	9,355
	NON-BID ITEMS		
	PRE-FORMED JOINT FILLER	SIZE	¾"
	NON-BITUMINOUS JOINT SEALER	——	——
	POLYSTYRENE	SIZE	1"

GEOMETRY TABLE

WALL STATION	℄ C.T.H. Z STATION	℄ OFFSET TO F.F. OF WALL	TOP OF WALL EL.	FINISHED GRADE EL.
1+00.00	106+03.44	46.66' RT.	695.00	695.00
1+25.00	106+27.59	55.73' RT.	695.00	685.72
1+50.00	106+52.59	64.25' RT.	695.00	679.50
1+75.00	106+79.25	62.91' RT.	696.34	678.26
2+00.00	107+05.81	60.91' RT.	697.68	677.80
2+25.00	107+32.24	58.24' RT.	699.01	678.38
2+50.00	107+58.51	54.93' RT.	700.35	678.73
2+75.00	107+84.57	50.97' RT.	701.69	678.94
3+00.00	108+09.31	46.63' RT.	703.03	679.24
3+25.00	108+33.93	42.29' RT.	704.36	679.20
3+50.00	108+58.55	37.95' RT.	705.70	680.09
3+75.00	108+76.01	36.09' RT.	705.70	680.05
4+00.00	108+93.21	39.35' RT.	705.70	679.57
4+25.00	109+09.98	42.45' RT.	705.70	681.40
4+50.00	109+25.40	50.18' RT.	702.06	682.84
4+55.00	109+28.25	52.22' RT.	701.33	683.10
4+75.00	109+39.29	60.24' RT.	698.42	684.69
5+00.00	109+51.25	73.28' RT.	694.78	686.41
5+25.00	109+61.23	88.96' RT.	691.14	688.11
5+35.00	109+64.72	95.82' RT.	689.68	689.68



PROFILE GRADE LINE C.T.H. Z

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-32-58

DRAWN BY ARC | PLANS CK'D.

DESIGN DATA & QUANTITIES

SHEET 2

572

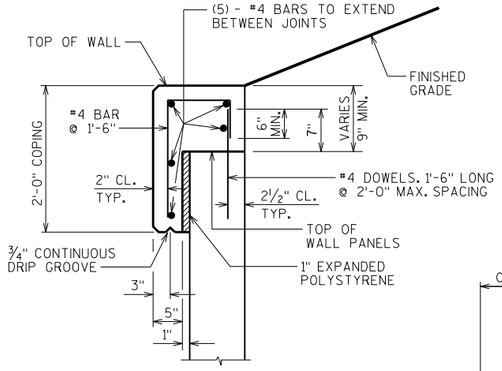
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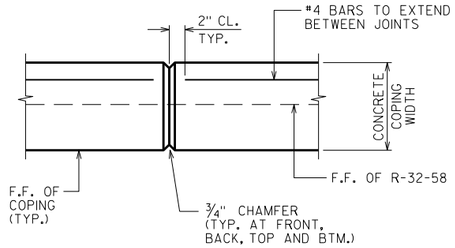
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STATE PROJECT NUMBER

7190-06-71



CAST-IN-PLACE CONCRETE COPING DETAIL

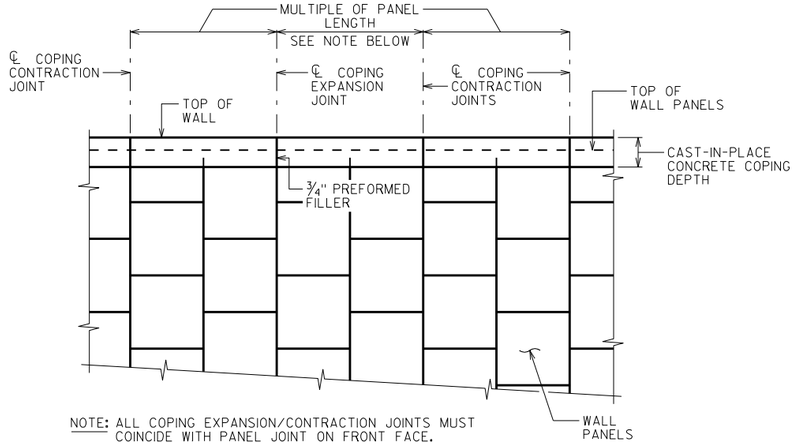


COPING CONTRACTION JOINT DETAIL

DO NOT RUN BAR STEEL THRU JOINT.

MAXIMUM SPACING OF JOINTS SHALL BE 12'-0" AND MUST LINE UP WITH THE WALL PANEL JOINT ON FRONT FACE.

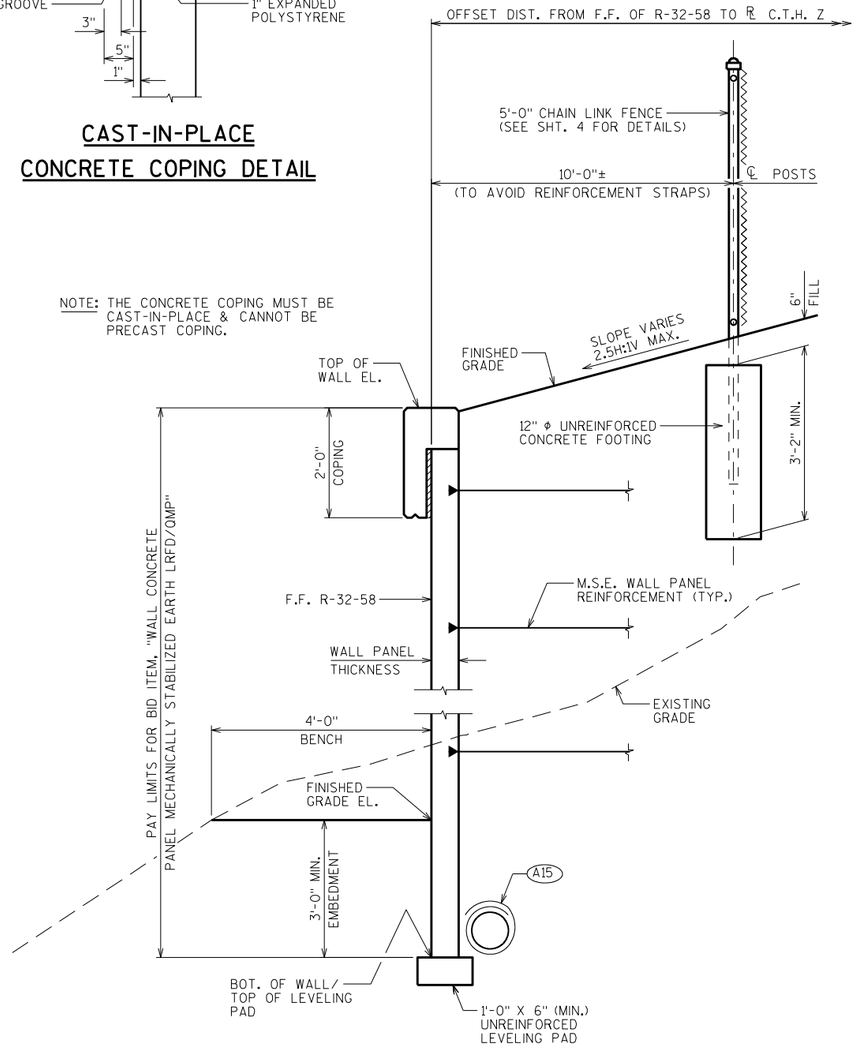
ALL CONTRACTION JOINTS TO EXTEND THE FULL DEPTH OF COPING.



NOTE: ALL COPING EXPANSION/CONTRACTION JOINTS MUST COINCIDE WITH PANEL JOINT ON FRONT FACE.

CAST-IN-PLACE COPING PARTIAL ELEVATION

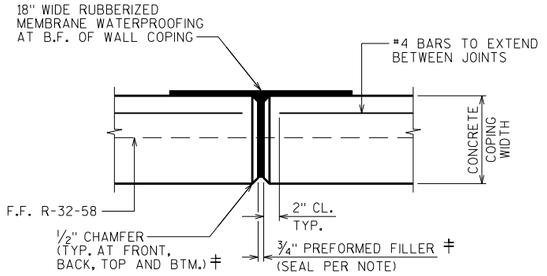
LOOKING AT F.F. OF WALL



NOTE: THE CONCRETE COPING MUST BE CAST-IN-PLACE & CANNOT BE PRECAST COPING.

TYPICAL SECTION THRU WALL

(LOOKING NORTH)



COPING EXPANSION JOINT DETAIL

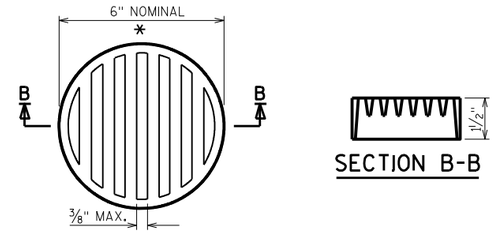
‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE.)

DO NOT RUN BAR STEEL THRU JOINT

MAXIMUM SPACING OF JOINTS SHALL BE 50'-0" AND MUST LINE UP WITH THE WALL PANEL JOINT ON FRONT FACE.

RUBBERIZED MEMBRANE WATERPROOFING TO EXTEND FROM TOP OF COPING TO 6" BELOW TOP OF WALL PANELS.

ALL EXPANSION JOINTS TO EXTEND THE FULL DEPTH OF COPING.



SECTION B-B

RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

A15 PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-32-58

DRAWN BY ARC | PLANS CK'D.

WALL DETAILS

SHEET 3

573

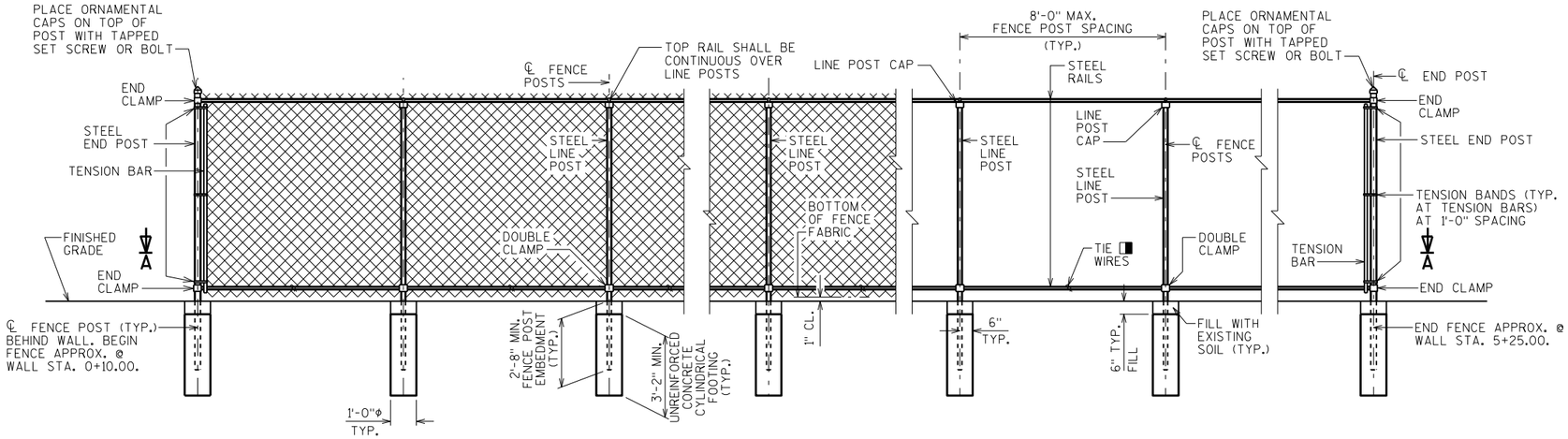
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8

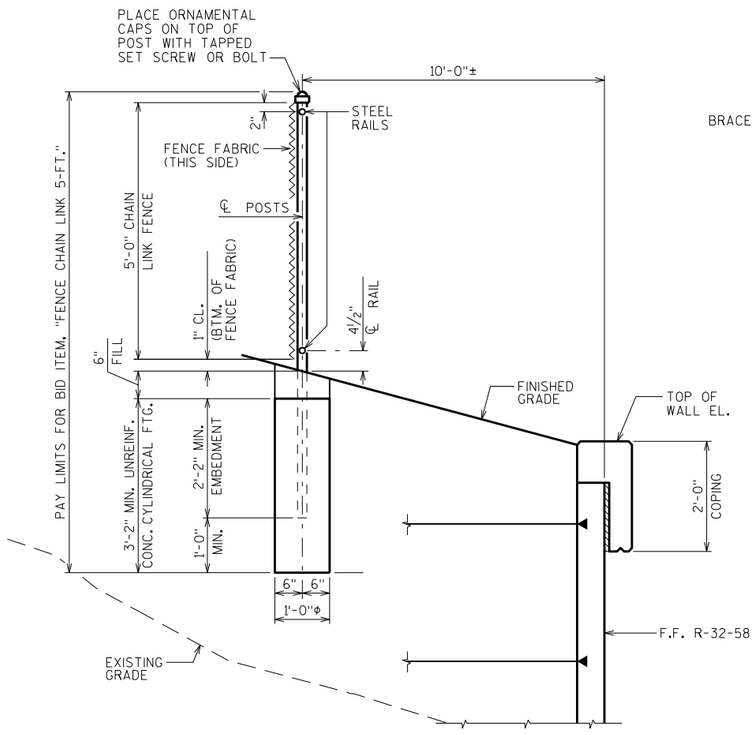
STATE PROJECT NUMBER

7190-06-71



PARTIAL ELEVATION OF FENCE

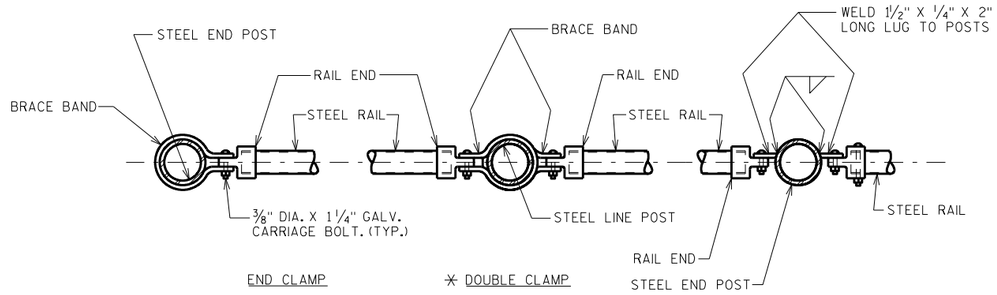
VIEWING FABRIC SIDE



TYPICAL SECTION FENCE

(LOOKING SOUTH)

NOTE: THE CONCRETE FOR THE FOOTINGS AND ALL WORK INCLUDED TO MAKE EACH FOOTING SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "FENCE CHAIN LINK 5-FT".



SECTION A-A

NOTE: PLACE ALL BOLT HEADS ON SIDE OF FENCE ADJACENT TO PEDESTRIANS

GENERAL NOTES

POSTS ARE TO BE SET VERTICAL.

ALL FENCE COMPONENTS SHALL BE GALVANIZED STEEL, EXCEPT THE FENCE FABRIC WHICH MAY BE ALUMINUM-COATED STEEL OR GALVANIZED STEEL.

FABRIC SHALL CONFORM TO ASTM A491 OR A392, CLASS 2. STEEL RAILS, POSTS AND POST SLEEVES SHALL CONFORM TO ASTM F1083, STANDARD WEIGHT PIPE (SCHEDULE 40). FITTINGS SHALL CONFORM TO ASTM F626.

THE BID ITEM SHALL BE "FENCE CHAIN LINK 5-FT.", WHICH INCLUDES ALL ITEMS SHOWN.

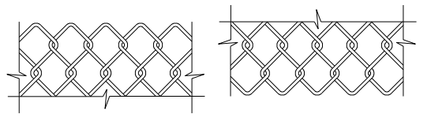
COMPLETE ANY REQUIRED WELDING OF COMPONENTS BEFORE GALVANIZING.

ALL POST SPACINGS ARE MEASURED HORIZONTALLY ALONG THE C/L OF THE POST.

✳ ALTERNATE TO DOUBLE CLAMP: USE LINE RAIL CLAMP (BOULEVARD) OR 180° BRACE BAND.

◨ ATTACH FABRIC TO RAILS, AND TO POSTS WITHOUT TENSION BANDS, WITH TIE WIRES (ROUND, 9-GAGE) SPACED AT 1'-0".

MINIMUM LENGTH OF TOP RAIL BETWEEN SPLICES SHALL BE 20'-0". LOCATE SPLICES NEAR ¼ POINT OF POST SPACING.



TOP DETAIL BOTTOM DETAIL

FENCE FABRIC

FENCE FABRIC WOVEN OF 9-GAGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.

FENCE MEMBER SIZE & WEIGHT

STEEL FENCE MEMBER	OUTSIDE DIAMETER (INCHES)	WEIGHT (LB/FT)
RAILS	1.660	2.27
END POST	2.875	5.80
LINE POST	2.375	3.65

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-32-58

DRAWN BY ARC | PLANS CK'D.

CHAIN LINK FENCE DETAILS

SHEET 4

574

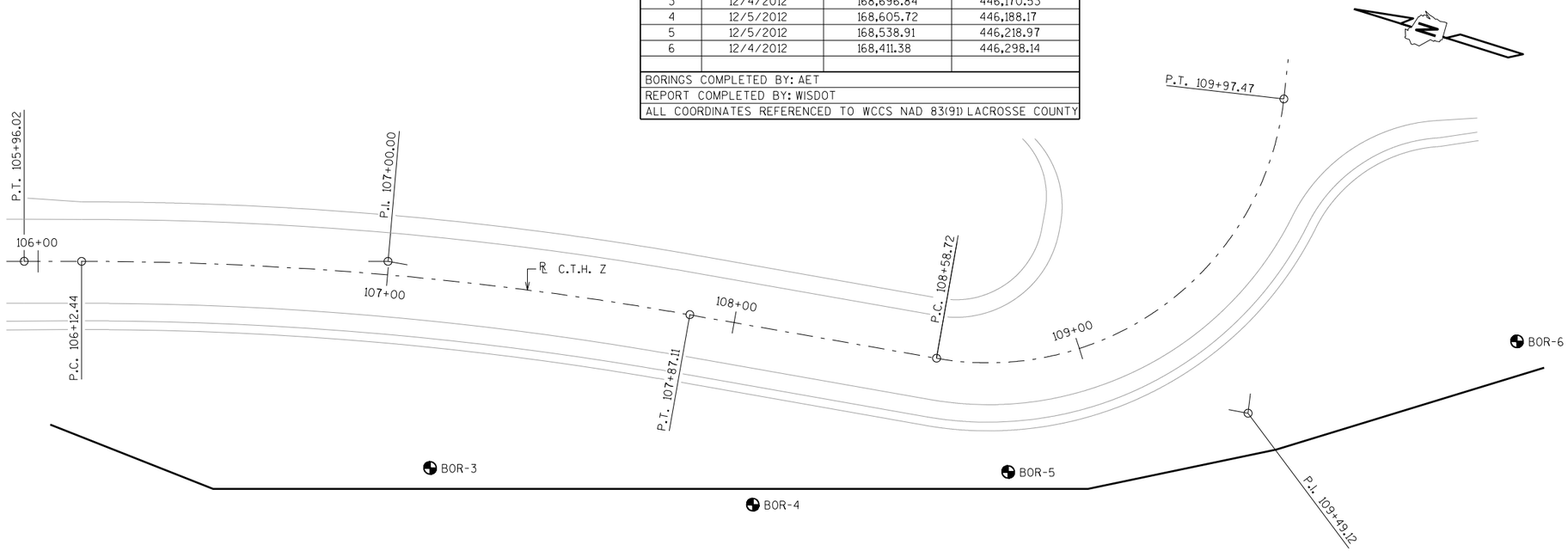
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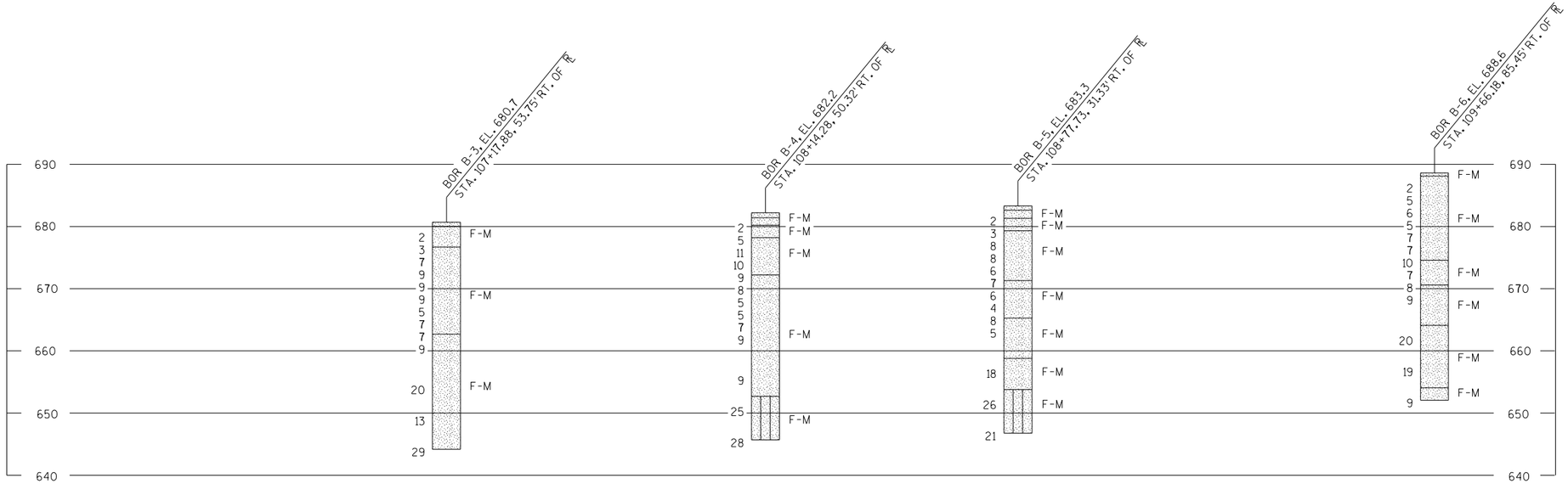
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8

ONALASKA - USH 53
POPLAR ST - USH 53

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
3	12/4/2012	168,696.84	446,170.53
4	12/5/2012	168,605.72	446,188.17
5	12/5/2012	168,538.91	446,218.97
6	12/4/2012	168,411.38	446,298.14
BORINGS COMPLETED BY: AET			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) LACROSSE COUNTY			





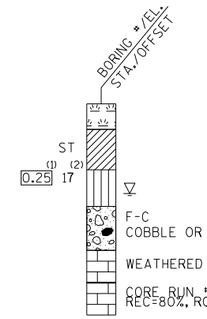
STATE PROJECT NUMBER

7190-06-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-32-58

DRAWN BY ARC | PLANS CK'D.

SUBSURFACE EXPLORATION

SHEET 5

575

SCALE = 1:8.0

DIVISION 1 (Poplar to Quincy)

STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
210+35.0	89.8	19.3	27.2	0.0	0.0	0.0														
210+50.0	88.3	19.3	24.7	0.0	0.0	0.0	49.5	10.7	14.4	0.0	0.0	0.0	38.7	18.0	0.0	0.0	0.0	0.0	0.0	20.7
211+00.0	86.8	19.3	23.0	0.0	0.0	0.0	162.1	35.7	44.2	0.0	0.0	0.0	165.1	73.2	0.0	0.0	0.0	0.0	0.0	91.9
212+00.0	89.4	19.3	14.7	0.0	0.0	0.0	326.3	71.5	69.8	0.0	0.0	0.0	419.9	160.5	0.0	0.0	0.0	0.0	0.0	259.4
213+00.0	88.3	19.3	14.4	0.0	0.0	0.0	329.1	71.5	53.9	0.0	0.0	0.0	677.5	227.9	0.0	0.0	0.0	0.0	0.0	449.7
214+00.0	101.7	19.7	8.6	0.0	0.0	0.0	351.9	72.2	42.6	0.0	0.0	0.0	957.1	281.1	0.0	0.0	0.0	0.0	0.0	676.0
215+00.0	112.6	19.7	33.8	0.0	0.0	0.0	396.9	73.0	78.5	0.0	0.0	0.0	1281.0	379.2	0.0	0.0	0.0	0.0	0.0	901.8
216+00.0	87.0	19.7	161.0	0.0	0.0	0.0	369.6	73.0	360.7	0.0	0.0	0.0	1577.7	830.2	0.0	0.0	0.0	0.0	0.0	747.5
216+50.0	64.2	19.7	224.7	0.0	0.0	0.0	140.0	36.5	357.1	0.0	0.0	0.0	1681.2	1276.6	0.0	0.0	0.0	0.0	0.0	404.6
217+00.0	73.1	19.7	223.4	0.0	0.0	0.0	127.1	36.5	414.9	0.0	0.0	0.0	1771.9	1795.2	0.0	0.0	0.0	0.0	0.0	-23.4
217+28.0	75.5	19.7	277.9	0.0	0.0	0.0	77.1	20.4	259.9	0.0	0.0	0.0	1828.5	2120.1	0.0	0.0	0.0	0.0	0.0	-291.7
					Column Totals		2329.5	501.0	1696.1	0.0	0.0	0.0								

1 - Cut
2 - Salvaged/Unusable Pavement Material
3 - Fill
4 - Expanded Marsh Backfill

Cut includes Salvaged/Unusable Pavement material
This does not show up in cross sections
Does not include Unusable Pavement Exc volume
None on project site

5 - Expanded EBS
6 - Reduced Marsh in Fill
7 - Reduced EBS in Fill
8 - Mass Ordinate

Will be backfilled with Borrow if required
Not Applicable
Reduced EBS Excavation that can be used in Fill
If Marsh or EBS to be backfilled with Cut or Borrow: [(Cut + Marsh Exc + EBS) - ((Fill - Reduced Marsh in Fill) - (Reduced EBS in Fill) - Expanded Rock) * Fill Factor)]

DIVISION 2 (Quincy to Royal)

STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
217+28.0	75.5	19.7	277.9	0.0	0.0	0.0														
218+00.0	65.4	19.7	323.2	0.0	0.0	0.0	187.9	52.5	801.5	0.0	0.0	0.0	135.3	1001.8	0.0	0.0	0.0	0.0	0.0	-866.5
219+00.0	72.8	19.7	115.7	0.0	0.0	0.0	255.9	73.0	812.8	0.0	0.0	0.0	318.3	2017.8	0.0	0.0	0.0	0.0	0.0	-1699.5
219+25.0	82.4	19.7	68.4	0.0	0.0	0.0	71.9	18.2	85.2	0.0	0.0	0.0	371.9	2124.3	0.0	0.0	0.0	0.0	0.0	-1752.4
219+45.0	94.0	19.7	72.1	0.0	0.0	0.0	65.3	14.6	52.0	0.0	0.0	0.0	422.6	2189.4	0.0	0.0	0.0	0.0	0.0	-1766.7
219+70.0	133.8	19.7	113.0	0.0	0.0	0.0	105.5	18.2	85.7	0.0	0.0	0.0	509.9	2296.5	0.0	0.0	0.0	0.0	0.0	-1786.6
220+00.0	134.1	19.7	61.4	0.0	0.0	0.0	148.8	21.9	96.9	0.0	0.0	0.0	636.8	2417.6	0.0	0.0	0.0	0.0	0.0	-1780.8
221+00.0	185.7	19.7	18.2	0.0	0.0	0.0	592.2	73.0	147.4	0.0	0.0	0.0	1156.1	2601.9	0.0	0.0	0.0	0.0	0.0	-1445.8
222+00.0	249.2	19.7	3.7	0.0	0.0	0.0	805.4	73.0	40.6	0.0	0.0	0.0	1888.5	2652.6	0.0	0.0	0.0	0.0	0.0	-764.1
222+40.6	205.9	19.7	3.0	0.0	0.0	0.0	342.2	29.6	5.0	0.0	0.0	0.0	2201.0	2658.9	0.0	0.0	0.0	0.0	0.0	-457.8
					Column Totals		2575.0	374.0	2127.1	0.0	0.0	0.0								

DIVISION 3 (Royal to Spruce)

STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
222+40.6	205.9	19.7	3.0	0.0	0.0	0.0														
223+00.0	141.5	19.7	78.6	0.0	0.0	0.0	382.1	43.3	89.8	0.0	0.0	0.0	338.8	112.2	0.0	0.0	0.0	0.0	0.0	226.6
224+00.0	90.0	19.7	40.0	0.0	0.0	0.0	428.7	73.0	219.6	0.0	0.0	0.0	694.5	386.7	0.0	0.0	0.0	0.0	0.0	307.8
225+00.0	80.8	19.7	14.2	0.0	0.0	0.0	316.3	73.0	100.4	0.0	0.0	0.0	937.9	512.2	0.0	0.0	0.0	0.0	0.0	425.7
225+25.0	90.7	19.7	6.5	0.0	0.0	0.0	79.4	18.2	9.6	0.0	0.0	0.0	999.0	524.2	0.0	0.0	0.0	0.0	0.0	474.9
225+50.0	77.9	19.7	19.6	0.0	0.0	0.0	78.1	18.2	12.1	0.0	0.0	0.0	1058.8	539.3	0.0	0.0	0.0	0.0	0.0	519.6
225+80.0	76.9	19.7	18.4	0.0	0.0	0.0	86.0	21.9	21.1	0.0	0.0	0.0	1123.0	565.7	0.0	0.0	0.0	0.0	0.0	557.3
226+00.0	87.2	19.7	12.7	0.0	0.0	0.0	60.8	14.6	11.5	0.0	0.0	0.0	1169.1	580.1	0.0	0.0	0.0	0.0	0.0	589.1
226+25.0	87.1	19.7	20.0	0.0	0.0	0.0	80.7	18.2	15.1	0.0	0.0	0.0	1231.6	599.0	0.0	0.0	0.0	0.0	0.0	632.6
226+50.0	88.3	19.7	9.9	0.0	0.0	0.0	81.2	18.2	13.8	0.0	0.0	0.0	1294.6	616.3	0.0	0.0	0.0	0.0	0.0	678.3
226+65.0	80.1	19.7	9.0	0.0	0.0	0.0	46.8	10.9	5.3	0.0	0.0	0.0	1330.4	622.9	0.0	0.0	0.0	0.0	0.0	707.5
226+75.0	88.3	19.7	3.3	0.0	0.0	0.0	31.2	7.3	2.3	0.0	0.0	0.0	1354.3	625.7	0.0	0.0	0.0	0.0	0.0	728.6
227+00.0	101.1	19.7	11.2	0.0	0.0	0.0	87.7	18.2	6.7	0.0	0.0	0.0	1423.7	634.1	0.0	0.0	0.0	0.0	0.0	789.6
227+25.0	76.1	19.7	5.8	0.0	0.0	0.0	82.0	18.2	7.9	0.0	0.0	0.0	1487.5	643.9	0.0	0.0	0.0	0.0	0.0	843.6
227+50.0	71.0	19.7	5.7	0.0	0.0	0.0	68.1	18.2	5.3	0.0	0.0	0.0	1537.4	650.6	0.0	0.0	0.0	0.0	0.0	886.8
228+00.0	80.5	19.7	4.6	0.0	0.0	0.0	140.3	36.5	9.5	0.0	0.0	0.0	1641.2	662.5	0.0	0.0	0.0	0.0	0.0	978.7
229+00.0	68.5	19.7	8.7	0.0	0.0	0.0	275.9	73.0	24.6	0.0	0.0	0.0	1844.1	693.3	0.0	0.0	0.0	0.0	0.0	1150.8
229+91.2	72.2	19.7	12.1	0.0	0.0	0.0	237.6	66.5	35.1	0.0	0.0	0.0	2015.2	737.2	0.0	0.0	0.0	0.0	0.0	1278.0
					Column Totals		2562.9	547.7	589.8	0.0	0.0	0.0								

DIVISION 4 (Spruce to Troy)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
STATION	CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
229+91.2	72.2	19.7	12.1	0.0	0.0	0.0														
230+00.0	73.8	19.7	14.2	0.0	0.0	0.0	23.8	6.4	4.3	0.0	0.0	0.0	17.4	5.4	0.0	0.0	0.0	0.0	0.0	12.0
231+00.0	99.1	19.7	8.9	0.0	0.0	0.0	320.2	73.0	42.8	0.0	0.0	0.0	264.6	58.8	0.0	0.0	0.0	0.0	0.0	205.8
232+00.0	92.6	19.7	14.9	0.0	0.0	0.0	355.0	73.0	44.1	0.0	0.0	0.0	546.6	113.9	0.0	0.0	0.0	0.0	0.0	432.7
233+00.0	101.2	19.7	24.8	0.0	0.0	0.0	358.9	73.0	73.5	0.0	0.0	0.0	832.6	205.8	0.0	0.0	0.0	0.0	0.0	626.7
234+00.0	93.5	19.7	82.7	0.0	0.0	0.0	360.6	73.0	199.1	0.0	0.0	0.0	1120.1	454.7	0.0	0.0	0.0	0.0	0.0	665.5
235+00.0	94.2	19.7	26.8	0.0	0.0	0.0	347.6	73.0	202.8	0.0	0.0	0.0	1394.8	708.1	0.0	0.0	0.0	0.0	0.0	686.6
236+00.0	57.7	19.7	16.8	0.0	0.0	0.0	281.3	73.0	80.7	0.0	0.0	0.0	1603.1	809.1	0.0	0.0	0.0	0.0	0.0	794.1
236+50.0	71.9	19.7	4.8	0.0	0.0	0.0	120.0	36.5	20.0	0.0	0.0	0.0	1686.6	834.1	0.0	0.0	0.0	0.0	0.0	852.6
236+75.0	60.0	19.7	2.9	0.0	0.0	0.0	61.1	18.2	3.6	0.0	0.0	0.0	1729.5	838.5	0.0	0.0	0.0	0.0	0.0	890.9
237+00.0	53.7	19.7	6.4	0.0	0.0	0.0	52.6	18.2	4.3	0.0	0.0	0.0	1763.9	843.9	0.0	0.0	0.0	0.0	0.0	920.0
237+50.0	40.3	19.7	6.7	0.0	0.0	0.0	87.0	36.5	12.1	0.0	0.0	0.0	1814.4	859.1	0.0	0.0	0.0	0.0	0.0	955.3
237+90.1	35.1	19.7	7.8	0.0	0.0	0.0	56.0	29.3	10.8	0.0	0.0	0.0	1841.1	872.5	0.0	0.0	0.0	0.0	0.0	968.6
					Column Totals		2424.0	582.9	698.0	0.0	0.0	0.0								

DIVISION 5 (Troy to Schnick)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
STATION	CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
237+90.1	35.1	19.7	7.8	0.0	0.0	0.0														
238+00.0	35.3	19.7	11.0	0.0	0.0	0.0	12.9	7.2	3.4	0.0	0.0	0.0	5.7	4.3	0.0	0.0	0.0	0.0	0.0	1.4
238+50.0	85.0	19.7	12.3	0.0	0.0	0.0	111.4	36.5	21.6	0.0	0.0	0.0	80.6	31.3	0.0	0.0	0.0	0.0	0.0	49.3
239+00.0	67.8	19.7	13.0	0.0	0.0	0.0	141.5	36.5	23.4	0.0	0.0	0.0	185.6	60.6	0.0	0.0	0.0	0.0	0.0	125.0
240+00.0	57.7	19.7	19.3	0.0	0.0	0.0	232.4	73.0	59.8	0.0	0.0	0.0	345.0	135.3	0.0	0.0	0.0	0.0	0.0	209.7
241+00.0	89.6	19.7	11.4	0.0	0.0	0.0	272.8	73.0	56.9	0.0	0.0	0.0	544.9	206.4	0.0	0.0	0.0	0.0	0.0	338.5
242+00.0	88.7	19.7	21.8	0.0	0.0	0.0	330.2	73.0	61.5	0.0	0.0	0.0	802.1	283.2	0.0	0.0	0.0	0.0	0.0	518.8
242+50.0	96.7	19.7	6.0	0.0	0.0	0.0	171.7	36.5	25.7	0.0	0.0	0.0	937.3	315.4	0.0	0.0	0.0	0.0	0.0	621.8
243+00.0	94.6	19.7	18.1	0.0	0.0	0.0	177.1	36.5	22.3	0.0	0.0	0.0	1077.9	343.3	0.0	0.0	0.0	0.0	0.0	734.6
244+00.0	99.9	19.7	27.5	0.0	0.0	0.0	360.2	73.0	84.4	0.0	0.0	0.0	1365.1	448.9	0.0	0.0	0.0	0.0	0.0	916.3
245+00.0	142.5	19.7	53.9	0.0	0.0	0.0	448.9	73.0	150.7	0.0	0.0	0.0	1741.1	637.3	0.0	0.0	0.0	0.0	0.0	1103.8
245+50.0	95.1	19.7	85.8	0.0	0.0	0.0	220.0	36.5	129.4	0.0	0.0	0.0	1924.6	799.0	0.0	0.0	0.0	0.0	0.0	1125.6
246+00.0	81.8	19.7	92.0	0.0	0.0	0.0	163.8	36.5	164.6	0.0	0.0	0.0	2051.9	1004.8	0.0	0.0	0.0	0.0	0.0	1047.1
246+50.0	85.2	19.7	73.7	0.0	0.0	0.0	154.6	36.5	153.4	0.0	0.0	0.0	2170.1	1196.6	0.0	0.0	0.0	0.0	0.0	973.5
247+00.0	90.0	19.7	91.7	0.0	0.0	0.0	162.2	36.5	153.1	0.0	0.0	0.0	2295.8	1388.0	0.0	0.0	0.0	0.0	0.0	907.8
247+08.8	88.0	19.7	90.3	0.0	0.0	0.0	29.0	6.4	29.7	0.0	0.0	0.0	2318.4	1425.1	0.0	0.0	0.0	0.0	0.0	893.3
					Column Totals		2988.7	670.3	1140.1	0.0	0.0	0.0								

DIVISION 6 (Schnick to Kramer)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
STATION	CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
247+08.8	88.0	19.7	90.3	0.0	0.0	0.0														
247+50.0	91.8	19.7	106.0	0.0	0.0	0.0	137.2	30.1	149.8	0.0	0.0	0.0	107.1	187.2	0.0	0.0	0.0	0.0	0.0	-80.1
248+00.0	88.1	19.7	108.9	0.0	0.0	0.0	166.6	36.5	199.0	0.0	0.0	0.0	237.2	435.9	0.0	0.0	0.0	0.0	0.0	-198.7
248+25.0	122.1	19.7	111.7	0.0	0.0	0.0	97.3	18.2	102.1	0.0	0.0	0.0	316.3	563.6	0.0	0.0	0.0	0.0	0.0	-247.3
248+50.0	125.2	19.7	92.0	0.0	0.0	0.0	114.5	18.2	94.3	0.0	0.0	0.0	412.5	681.5	0.0	0.0	0.0	0.0	0.0	-268.9
248+80.0	104.8	19.7	98.5	0.0	0.0	0.0	127.8	21.9	105.8	0.0	0.0	0.0	518.4	813.8	0.0	0.0	0.0	0.0	0.0	-295.3
249+00.0	121.2	19.7	93.8	0.0	0.0	0.0	83.7	14.6	71.2	0.0	0.0	0.0	587.5	902.8	0.0	0.0	0.0	0.0	0.0	-315.3
250+00.0	88.0	19.7	134.5	0.0	0.0	0.0	387.4	73.0	422.8	0.0	0.0	0.0	902.0	1431.3	0.0	0.0	0.0	0.0	0.0	-529.3
250+25.0	83.2	19.7	106.3	0.0	0.0	0.0	79.3	18.2	111.5	0.0	0.0	0.0	963.0	1570.6	0.0	0.0	0.0	0.0	0.0	-607.6
250+50.0	79.6	19.7	178.9	0.0	0.0	0.0	75.4	18.2	132.0	0.0	0.0	0.0	1020.1	1735.7	0.0	0.0	0.0	0.0	0.0	-715.5
251+00.0	125.1	19.7	100.2	0.0	0.0	0.0	189.5	36.5	258.4	0.0	0.0	0.0	1173.2	2058.7	0.0	0.0	0.0	0.0	0.0	-885.5
251+25.0	109.4	19.7	100.0	0.0	0.0	0.0	108.6	18.2	92.7	0.0	0.0	0.0	1263.5	2174.6	0.0	0.0	0.0	0.0	0.0	-911.1
251+65.0	113.2	19.7	142.5	0.0	0.0	0.0	164.9	29.2	179.6	0.0	0.0	0.0	1399.2	2399.1	0.0	0.0	0.0	0.0	0.0	-999.9
252+00.0	109.4	19.7	168.2	0.0	0.0	0.0	144.3	25.5	201.4	0.0	0.0	0.0	1518.0	2650.8	0.0	0.0	0.0	0.0	0.0	-1132.9
253+00.0	130.8	19.7	199.4	0.0	0.0	0.0	444.8	73.0	680.8	0.0	0.0	0.0	1889.8	3501.8	0.0	0.0	0.0	0.0	0.0	-1612.0
254+00.0	99.5	19.7	188.2	0.0	0.0	0.0	426.5	73.0	717.8	0.0	0.0	0.0	2243.3	4399.0	0.0	0.0	0.0	0.0	0.0	-2155.7
254+25.0	106.7	19.7	97.2	0.0	0.0	0.0	95.5	18.2	132.1	0.0	0.0	0.0	2320.5	4564.2	0.0	0.0	0.0	0.0	0.0	-2243.6
254+50.0	108.9	19.7	68.8	0.0	0.0	0.0	99.8	18.2	76.9	0.0	0.0	0.0	2402.1	4660.3	0.0	0.0	0.0	0.0	0.0	-2258.1
255+00.0	138.9	19.7	9.7	0.0	0.0	0.0	229.4	36.5	72.7	0.0	0.0	0.0	2595.1	4751.1	0.0	0.0	0.0	0.0	0.0	-2156.0
255+70.0	251.8	19.7	19.2	0.0	0.0	0.0	506.5	51.1	37.5	0.0	0.0	0.0	3050.5	4797.9	0.0	0.0	0.0	0.0	0.0	-1747.5
256+00.0	244.1	19.7	57.4	0.0	0.0	0.0	275.5	21.9	42.6	0.0	0.0	0.0	3304.1	4851.1	0.0	0.0	0.0	0.0	0.0	-1547.1
* 256+25.0	182.1	19.7	63.5	0.0	0.0	0.0	197.3	18.2	56.0	0.0	0.0	0.0	3483.2	4921.1	0.0	0.0	0.0	0.0	0.0	-1437.9
* 256+50.0	175.9	19.7	45.9	0.0	0.0	0.0	165.7	18.2	50.6	0.0	0.0	0.0	3630.7	4984.4	0.0	0.0	0.0	0.0	0.0	-1353.8
* 256+75.0	167.7	19.7	45.1	0.0	0.0	0.0	159.1	18.2	42.1	0.0	0.0	0.0	3771.5	5037.1	0.0	0.0	0.0	0.0	0.0	-1265.6
257+00.0	149.5	19.7	47.5	0.0	0.0	0.0	146.9	18.2	42.9	0.0	0.0	0.0	3900.1	5090.7	0.0	0.0	0.0	0.0	0.0	-1190.6
257+50.0	108.0	19.7	273.3	0.0	0.0	0.0	238.4	36.5	297.0	0.0	0.0	0.0	4102.0	5462.0	0.0	0.0	0.0	0.0	0.0	-1359.9
257+89.7	97.8	19.7	0.0	0.0	0.0	0.0	151.3	29.0	200.9	0.0	0.0	0.0	4224.4	5713.1	0.0	0.0	0.0	0.0	0.0	-1488.7
					Column Totals		5013.0	788.7	4570.5	0.0	0.0	0.0								

DIVISION 7 (Kramer to Riders)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT						SALVAVAGED/ UNUSABLE							EXPANDED		EXPANDED	REDUCED	REDUCED EBS	
				MARSH	ROCK		CUT	PAV'T MATERIAL	FILL	MARSH	ROCK		CUT	EXPANDED	MARSH BACKFILL	EXPANDED	EBS BACKFILL	MARCH IN FILL	IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	ROCK 1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
257+89.7	97.8	19.7	0.0	0.0	0.0	0.0														
258+00.0	88.8	19.7	1.0	0.0	0.0	0.0	35.6	7.5	0.2	0.0	0.0	0.0	28.1	0.2	0.0	0.0	0.0	0.0	0.0	27.8
258+50.0	75.7	19.7	305.7	0.0	0.0	0.0	152.3	36.5	284.0	0.0	0.0	0.0	143.9	355.2	0.0	0.0	0.0	0.0	0.0	-211.3
259+00.0	72.5	19.7	303.9	0.0	0.0	0.0	137.2	36.5	564.5	0.0	0.0	0.0	244.6	1060.8	0.0	0.0	0.0	0.0	0.0	-816.2
260+00.0	67.1	19.7	218.0	0.0	0.0	0.0	258.5	73.0	966.5	0.0	0.0	0.0	430.2	2268.9	0.0	0.0	0.0	0.0	0.0	-1838.7
261+00.0	82.3	19.7	158.6	0.0	0.0	0.0	276.7	73.0	697.4	0.0	0.0	0.0	633.9	3140.7	0.0	0.0	0.0	0.0	0.0	-2506.8
262+00.0	57.5	19.7	154.7	0.0	0.0	0.0	258.9	73.0	580.2	0.0	0.0	0.0	819.8	3865.9	0.0	0.0	0.0	0.0	0.0	-3046.1
263+00.0	48.4	19.7	159.6	0.0	0.0	0.0	196.1	73.0	582.0	0.0	0.0	0.0	943.0	4593.4	0.0	0.0	0.0	0.0	0.0	-3650.5
264+00.0	42.5	19.7	130.5	0.0	0.0	0.0	168.3	73.0	537.2	0.0	0.0	0.0	1038.3	5265.0	0.0	0.0	0.0	0.0	0.0	-4226.6
265+00.0	50.0	19.7	104.5	0.0	0.0	0.0	171.3	73.0	435.2	0.0	0.0	0.0	1136.7	5808.9	0.0	0.0	0.0	0.0	0.0	-4672.3
266+00.0	55.9	19.7	140.4	0.0	0.0	0.0	196.1	73.0	453.5	0.0	0.0	0.0	1259.8	6375.8	0.0	0.0	0.0	0.0	0.0	-5116.0
267+00.0	64.8	19.7	135.1	0.0	0.0	0.0	223.5	73.0	510.2	0.0	0.0	0.0	1410.4	7013.6	0.0	0.0	0.0	0.0	0.0	-5603.2
268+00.0	83.3	19.7	141.5	0.0	0.0	0.0	274.3	73.0	512.2	0.0	0.0	0.0	1611.7	7653.8	0.0	0.0	0.0	0.0	0.0	-6042.2
269+00.0	78.2	19.7	154.5	0.0	0.0	0.0	299.1	73.0	548.1	0.0	0.0	0.0	1837.8	8339.0	0.0	0.0	0.0	0.0	0.0	-6501.3
269+50.0	148.5	19.7	92.7	0.0	0.0	0.0	209.9	36.5	228.9	0.0	0.0	0.0	2011.2	8625.1	0.0	0.0	0.0	0.0	0.0	-6613.9
270+00.0	139.9	19.7	2.7	0.0	0.0	0.0	267.0	36.5	88.3	0.0	0.0	0.0	2241.8	8735.6	0.0	0.0	0.0	0.0	0.0	-6493.8
271+00.0	187.4	19.7	0.0	0.0	0.0	0.0	606.1	73.0	5.0	0.0	0.0	0.0	2774.9	8741.8	0.0	0.0	0.0	0.0	0.0	-5966.9
272+00.0	169.9	19.7	0.0	0.0	0.0	0.0	661.7	73.0	0.0	0.0	0.0	0.0	3363.6	8741.8	0.0	0.0	0.0	0.0	0.0	-5378.2
273+00.0	108.3	19.7	9.9	0.0	0.0	0.0	515.2	73.0	18.3	0.0	0.0	0.0	3805.8	8764.7	0.0	0.0	0.0	0.0	0.0	-4958.9
273+50.0	68.3	19.7	8.6	0.0	0.0	0.0	163.5	36.5	17.1	0.0	0.0	0.0	3932.9	8786.1	0.0	0.0	0.0	0.0	0.0	-4853.3
274+00.0	76.1	19.7	7.8	0.0	0.0	0.0	133.7	36.5	15.2	0.0	0.0	0.0	4030.1	8805.1	0.0	0.0	0.0	0.0	0.0	-4775.0
274+50.0	81.5	19.7	2.1	0.0	0.0	0.0	145.9	36.5	9.2	0.0	0.0	0.0	4139.5	8816.6	0.0	0.0	0.0	0.0	0.0	-4677.1
275+00.0	73.2	19.7	1.4	0.0	0.0	0.0	143.2	36.5	3.2	0.0	0.0	0.0	4246.3	8820.6	0.0	0.0	0.0	0.0	0.0	-4574.3
275+25.0	87.3	19.7	10.7	0.0	0.0	0.0	74.3	18.2	5.6	0.0	0.0	0.0	4302.4	8827.6	0.0	0.0	0.0	0.0	0.0	-4525.3
275+35.0	127.0	19.7	17.9	0.0	0.0	0.0	39.7	7.3	5.3	0.0	0.0	0.0	4334.7	8834.3	0.0	0.0	0.0	0.0	0.0	-4499.5
275+50.0	194.7	19.7	27.5	0.0	0.0	0.0	89.4	10.9	12.6	0.0	0.0	0.0	4413.2	8850.0	0.0	0.0	0.0	0.0	0.0	-4436.9
					Column Totals		5697.5	1284.4	7080.0	0.0	0.0	0.0								

DIVISION 8 (Riders Roundabout - Area bounded left or right from R Line to NB or SB RL and to slope intercept)

NB STATION	R2 STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
275+50.0	12+52.29	25.5	14.7	5.5	0.0	0.0	0.0														
	12+72.71	20.1	12.0	23.3	0.0	0.0	0.0	17.2	10.1	10.9	0.0	0.0	0.0	7.1	13.6	0.0	0.0	0.0	0.0	0.0	-6.5
	12+76.59	18.8	7.3	28.3	0.0	0.0	0.0	2.8	1.4	3.7	0.0	0.0	0.0	8.6	18.2	0.0	0.0	0.0	0.0	0.0	-9.7
	13+00.00	1.3	6.6	37.6	0.0	0.0	0.0	8.7	6.0	28.6	0.0	0.0	0.0	11.2	54.0	0.0	0.0	0.0	0.0	0.0	-42.7
	13+23.01	7.6	11.3	9.8	0.0	0.0	0.0	3.8	7.6	20.2	0.0	0.0	0.0	7.4	79.2	0.0	0.0	0.0	0.0	0.0	-71.8
	13+50.00	25.7	2.7	0.0	0.0	0.0	0.0	16.6	7.0	4.9	0.0	0.0	0.0	17.1	85.3	0.0	0.0	0.0	0.0	0.0	-68.3
	13+62.63	27.9	3.3	0.0	0.0	0.0	0.0	12.5	1.4	0.0	0.0	0.0	0.0	28.2	85.3	0.0	0.0	0.0	0.0	0.0	-57.1
	13+75.00	19.1	5.0	4.0	0.0	0.0	0.0	10.8	1.9	0.9	0.0	0.0	0.0	37.1	86.5	0.0	0.0	0.0	0.0	0.0	-49.4
RS	13+86.91	19.8	6.7	1.7	0.0	0.0	0.0	8.6	2.6	1.3	0.0	0.0	0.0	43.1	88.0	0.0	0.0	0.0	0.0	0.0	-45.0
STATION	14+00.00	22.1	8.3	0.0	0.0	0.0	0.0	10.2	3.6	0.4	0.0	0.0	0.0	49.6	88.6	0.0	0.0	0.0	0.0	0.0	-39.0
153+75.0	14+10.53	23.5	10.0	1.1	0.0	0.0	0.0	8.9	3.6	0.2	0.0	0.0	0.0	54.9	88.8	0.0	0.0	0.0	0.0	0.0	-33.9
						Column Totals		100.1	45.2	71.1	0.0	0.0	0.0								

NB STATION	R4 STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
275+50.0	14+05.31	116.4	0.0	0.0	0.0	0.0	0.0														
	14+29.49	276.3	6.6	0.0	0.0	0.0	0.0	175.8	3.0	0.0	0.0	0.0	0.0	172.9	0.0	0.0	0.0	0.0	0.0	0.0	172.9
	14+38.60	230.2	6.6	0.0	0.0	0.0	0.0	85.4	2.2	0.0	0.0	0.0	0.0	256.1	0.0	0.0	0.0	0.0	0.0	0.0	256.1
	14+50.00	187.6	0.0	0.0	0.0	0.0	0.0	88.2	1.4	0.0	0.0	0.0	0.0	342.9	0.0	0.0	0.0	0.0	0.0	0.0	342.9
	14+57.66	197.7	0.0	0.0	0.0	0.0	0.0	54.7	0.0	0.0	0.0	0.0	0.0	397.6	0.0	0.0	0.0	0.0	0.0	0.0	397.6
	14+75.59	254.8	0.0	0.0	0.0	0.0	0.0	150.2	0.0	0.0	0.0	0.0	0.0	547.8	0.0	0.0	0.0	0.0	0.0	0.0	547.8
RS	14+89.26	254.7	0.0	0.0	0.0	0.0	0.0	129.0	0.0	0.0	0.0	0.0	0.0	676.8	0.0	0.0	0.0	0.0	0.0	0.0	676.8
STATION	15+00.00	246.4	0.0	0.0	0.0	0.0	0.0	99.7	0.0	0.0	0.0	0.0	0.0	776.5	0.0	0.0	0.0	0.0	0.0	0.0	776.5
151+00.0	15+08.22	220.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0	0.0	0.0	0.0	0.0	847.5	0.0	0.0	0.0	0.0	0.0	0.0	847.5
						Column Totals		854.0	6.6	0.0	0.0	0.0	0.0								

NB STATION	R6 STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
	10+50.00	473.0	0.0	0.0	0.0	0.0	0.0														
	10+75.00	302.7	0.0	0.0	0.0	0.0	0.0	359.1	0.0	0.0	0.0	0.0	0.0	359.1	0.0	0.0	0.0	0.0	0.0	0.0	359.1
	10+78.18	387.9	0.0	0.0	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0	399.8	0.0	0.0	0.0	0.0	0.0	0.0	399.8
	11+00.00	385.1	0.0	0.0	0.0	0.0	0.0	312.3	0.0	0.0	0.0	0.0	0.0	712.1	0.0	0.0	0.0	0.0	0.0	0.0	712.1
NB	11+22.96	407.5	0.0	0.0	0.0	0.0	0.0	337.0	0.0	0.0	0.0	0.0	0.0	1049.1	0.0	0.0	0.0	0.0	0.0	0.0	1049.1
STATION	11+61.44	199.4	0.0	0.0	0.0	0.0	0.0	432.5	0.0	0.0	0.0	0.0	0.0	1481.6	0.0	0.0	0.0	0.0	0.0	0.0	1481.6
277+50.0	11+79.76	128.1	0.0	0.0	0.0	0.0	0.0	111.1	0.0	0.0	0.0	0.0	0.0	1592.7	0.0	0.0	0.0	0.0	0.0	0.0	1592.7
						Column Totals		1592.7	0.0	0.0	0.0	0.0	0.0								

Fill for Central Island: 104.7 CY (Grading and shaping within completed circle)

RS STATION	R8 STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
153+75.0	11+78.13	23.6	19.0	5.2	0.0	0.0	0.0														
	12+02.00	21.7	10.0	6.9	0.0	0.0	0.0	20.0	12.8	5.3	0.0	0.0	0.0	7.2	6.7	0.0	0.0	0.0	0.0	0.0	0.5
	12+22.95	15.5	10.0	13.4	0.0	0.0	0.0	14.4	7.8	7.9	0.0	0.0	0.0	13.9	16.5	0.0	0.0	0.0	0.0	0.0	-2.7
	12+43.64	6.7	6.7	8.3	0.0	0.0	0.0	8.5	6.4	8.3	0.0	0.0	0.0	16.0	26.9	0.0	0.0	0.0	0.0	0.0	-10.9
	12+55.69	3.1	3.0	2.9	0.0	0.0	0.0	2.2	2.2	2.5	0.0	0.0	0.0	16.0	30.0	0.0	0.0	0.0	0.0	0.0	-14.0
	12+75.00	58.4	0.0	0.9	0.0	0.0	0.0	22.0	1.1	1.4	0.0	0.0	0.0	36.9	31.7	0.0	0.0	0.0	0.0	0.0	5.2
	12+87.91	76.4	0.0	1.6	0.0	0.0	0.0	32.2	0.0	0.6	0.0	0.0	0.0	69.2	32.5	0.0	0.0	0.0	0.0	0.0	36.7
	13+00.00	41.2	0.0	12.3	0.0	0.0	0.0	26.3	0.0	3.1	0.0	0.0	0.0	95.5	36.4	0.0	0.0	0.0	0.0	0.0	59.1
	13+15.00	0.2	0.0	19.0	0.0	0.0	0.0	11.5	0.0	8.7	0.0	0.0	0.0	107.0	47.3	0.0	0.0	0.0	0.0	0.0	59.7
	13+25.59	11.1	1.8	4.4	0.0	0.0	0.0	2.2	0.4	4.6	0.0	0.0	0.0	108.8	53.0	0.0	0.0	0.0	0.0	0.0	55.9
	13+33.04	9.9	2.8	2.9	0.0	0.0	0.0	2.9	0.6	1.0	0.0	0.0	0.0	111.1	54.2	0.0	0.0	0.0	0.0	0.0	56.9
	13+57.20	4.1	4.1	29.0	0.0	0.0	0.0	6.3	3.1	14.3	0.0	0.0	0.0	114.3	72.1	0.0	0.0	0.0	0.0	0.0	42.2
NB	13+81.39	11.2	10.2	15.8	0.0	0.0	0.0	6.9	6.4	20.1	0.0	0.0	0.0	114.7	97.2	0.0	0.0	0.0	0.0	0.0	17.6
STATION	14+00.00	10.3	10.3	18.3	0.0	0.0	0.0	7.4	7.1	11.8	0.0	0.0	0.0	115.1	111.9	0.0	0.0	0.0	0.0	0.0	3.2
278+00.0	14+05.60	10.7	10.7	20.3	0.0	0.0	0.0	2.2	2.2	4.0	0.0	0.0	0.0	115.1	116.9	0.0	0.0	0.0	0.0	0.0	-1.8
						Column Totals		165.0	49.9	93.5	0.0	0.0	0.0								

DIVISION 9 (Riders to Mason)

STATION	AREA (SF) CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
277+50.0	237.0	19.7	55.6	0.0	0.0	0.0														
277+75.0	105.8	19.7	30.1	0.0	0.0	0.0	158.7	18.2	39.7	0.0	0.0	0.0	140.5	49.6	0.0	0.0	0.0	0.0	0.0	90.9
278+00.0	68.8	19.7	39.1	0.0	0.0	0.0	80.8	18.2	32.0	0.0	0.0	0.0	203.1	89.6	0.0	0.0	0.0	0.0	0.0	113.4
278+50.0	46.6	19.7	24.8	0.0	0.0	0.0	106.9	36.5	59.2	0.0	0.0	0.0	273.4	163.6	0.0	0.0	0.0	0.0	0.0	109.8
279+00.0	61.7	19.7	24.0	0.0	0.0	0.0	100.3	36.5	45.2	0.0	0.0	0.0	337.2	220.1	0.0	0.0	0.0	0.0	0.0	117.1
280+00.0	88.8	19.7	29.5	0.0	0.0	0.0	278.7	73.0	99.1	0.0	0.0	0.0	543.0	343.9	0.0	0.0	0.0	0.0	0.0	199.0
281+00.0	102.0	19.7	24.8	0.0	0.0	0.0	353.3	73.0	100.6	0.0	0.0	0.0	823.3	469.6	0.0	0.0	0.0	0.0	0.0	353.7
282+00.0	135.8	19.7	15.4	0.0	0.0	0.0	440.4	73.0	74.4	0.0	0.0	0.0	1190.7	562.7	0.0	0.0	0.0	0.0	0.0	628.1
283+00.0	203.1	19.7	5.7	0.0	0.0	0.0	627.6	73.0	39.1	0.0	0.0	0.0	1745.4	611.5	0.0	0.0	0.0	0.0	0.0	1133.9
284+00.0	157.1	19.7	8.4	0.0	0.0	0.0	667.0	73.0	26.1	0.0	0.0	0.0	2339.4	644.2	0.0	0.0	0.0	0.0	0.0	1695.3
285+00.0	89.6	19.7	86.2	0.0	0.0	0.0	456.9	73.0	175.2	0.0	0.0	0.0	2723.3	863.1	0.0	0.0	0.0	0.0	0.0	1860.2
285+50.0	81.0	19.7	228.4	0.0	0.0	0.0	158.0	36.5	291.3	0.0	0.0	0.0	2844.8	1227.3	0.0	0.0	0.0	0.0	0.0	1617.6
285+75.0	74.0	19.7	242.2	0.0	0.0	0.0	71.8	18.2	217.9	0.0	0.0	0.0	2898.3	1499.6	0.0	0.0	0.0	0.0	0.0	1398.7
286+00.0	90.8	19.7	157.7	0.0	0.0	0.0	76.3	18.2	185.1	0.0	0.0	0.0	2956.4	1731.0	0.0	0.0	0.0	0.0	0.0	1225.4
286+25.0	44.8	19.7	138.8	0.0	0.0	0.0	62.8	18.2	137.3	0.0	0.0	0.0	3000.9	1902.6	0.0	0.0	0.0	0.0	0.0	1098.3
							Column Totals	3639.4	638.4	1522.1	0.0	0.0	0.0								

DIVISION 10 (Mason Roundabout - Area bounded left or right from M Line to NB or SB RL and to slope intercept)

NB STATION	M2 STATION	AREA (SF) CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
286+25.0	10+88.93	35.2	7.3	12.1	0.0	0.0	0.0														
	10+93.75	30.2	4.0	6.0	0.0	0.0	0.0	5.8	1.0	1.6	0.0	0.0	0.0	4.8	2.0	0.0	0.0	0.0	0.0	0.0	2.8
	11+00.00	31.9	5.3	0.5	0.0	0.0	0.0	7.2	1.1	0.8	0.0	0.0	0.0	10.9	3.0	0.0	0.0	0.0	0.0	0.0	8.0
	11+25.92	40.6	8.7	0.0	0.0	0.0	0.0	34.8	6.7	0.2	0.0	0.0	0.0	39.0	3.3	0.0	0.0	0.0	0.0	0.0	35.8
	11+50.00	48.0	6.7	0.0	0.0	0.0	0.0	39.5	6.9	0.0	0.0	0.0	0.0	71.7	3.3	0.0	0.0	0.0	0.0	0.0	68.4
	11+64.12	59.3	8.3	0.0	0.0	0.0	0.0	28.1	3.9	0.0	0.0	0.0	0.0	95.8	3.3	0.0	0.0	0.0	0.0	0.0	92.5
M	11+73.09	68.4	8.8	0.0	0.0	0.0	0.0	21.2	2.8	0.0	0.0	0.0	0.0	114.2	3.3	0.0	0.0	0.0	0.0	0.0	110.9
STATION	11+97.21	71.4	8.8	0.0	0.0	0.0	0.0	62.4	7.9	0.0	0.0	0.0	0.0	168.8	3.3	0.0	0.0	0.0	0.0	0.0	165.5
91+50.0	12+20.96	23.0	6.7	0.5	0.0	0.0	0.0	41.5	6.8	0.2	0.0	0.0	0.0	203.5	3.5	0.0	0.0	0.0	0.0	0.0	199.9
								Column Totals	240.6	37.1	2.8	0.0	0.0	0.0							

M STATION	M6 STATION	AREA (SF) CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
91+50.0	11+34.07	28.2	11.6	13.1	0.0	0.0	0.0														
	11+51.16	33.9	13.3	15.6	0.0	0.0	0.0	19.7	7.9	9.1	0.0	0.0	0.0	11.8	11.4	0.0	0.0	0.0	0.0	0.0	0.4
	11+64.44	74.3	5.0	26.2	0.0	0.0	0.0	26.6	4.5	10.3	0.0	0.0	0.0	33.9	24.2	0.0	0.0	0.0	0.0	0.0	9.7
	11+78.46	19.8	1.2	57.7	0.0	0.0	0.0	24.4	1.6	21.8	0.0	0.0	0.0	56.7	51.4	0.0	0.0	0.0	0.0	0.0	5.3
	12+00.00	7.1	0.0	92.3	0.0	0.0	0.0	10.7	0.5	59.8	0.0	0.0	0.0	67.0	126.2	0.0	0.0	0.0	0.0	0.0	-59.3
NB	12+10.02	0.0	0.0	133.9	0.0	0.0	0.0	1.3	0.0	42.0	0.0	0.0	0.0	68.3	178.7	0.0	0.0	0.0	0.0	0.0	-110.4
STATION	12+45.73	0.0	0.0	224.9	0.0	0.0	0.0	0.0	0.0	237.3	0.0	0.0	0.0	68.3	475.3	0.0	0.0	0.0	0.0	0.0	-407.0
288+25.0	12+67.09	0.0	0.0	239.1	0.0	0.0	0.0	0.0	0.0	183.5	0.0	0.0	0.0	68.3	704.7	0.0	0.0	0.0	0.0	0.0	-636.4
								Column Totals	82.7	14.5	563.8	0.0	0.0	0.0							

NB STATION	M4 STATION	AREA (SF) CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
286+25.0	10+73.05	14.1	2.2	103.6	0.0	0.0	0.0														
	10+97.40	61.5	0.9	88.4	0.0	0.0	0.0	34.1	1.4	86.6	0.0	0.0	0.0	32.7	108.2	0.0	0.0	0.0	0.0	0.0	-75.5
	11+04.49	32.1	0.0	81.6	0.0	0.0	0.0	12.3	0.1	22.3	0.0	0.0	0.0	44.9	136.1	0.0	0.0	0.0	0.0	0.0	-91.3
	11+15.96	14.3	0.0	65.8	0.0	0.0	0.0	9.9	0.0	31.3	0.0	0.0	0.0	54.7	175.3	0.0	0.0	0.0	0.0	0.0	-120.5
	11+53.25	22.5	0.0	7.4	0.0	0.0	0.0	25.4	0.0	50.5	0.0	0.0	0.0	80.1	238.4	0.0	0.0	0.0	0.0	0.0	-158.3
	11+77.10	1.5	0.0	173.2	0.0	0.0	0.0	10.6	0.0	79.8	0.0	0.0	0.0	90.7	338.2	0.0	0.0	0.0	0.0	0.0	-247.4
	12+00.93	0.0	0.0	216.7	0.0	0.0	0.0	0.7	0.0	172.1	0.0	0.0	0.0	91.4	553.2	0.0	0.0	0.0	0.0	0.0	-461.8
	12+21.04	0.0	0.0	146.7	0.0	0.0	0.0	0.0	0.0	135.3	0.0	0.0	0.0	91.4	722.4	0.0	0.0	0.0	0.0	0.0	-631.0
NB	12+41.16	3.8	0.0	80.4	0.0	0.0	0.0	1.4	0.0	84.6	0.0	0.0	0.0	92.8	828.2	0.0	0.0	0.0	0.0	0.0	-735.4
STATION	12+78.61	53.4	10.0	6.4	0.0	0.0	0.0	39.7	6.9	60.2	0.0	0.0	0.0	125.5	903.4	0.0	0.0	0.0	0.0	0.0	-777.9
288+25.0	12+93.50	54.4	13.8	0.7	0.0	0.0	0.0	29.7	6.6	2.0	0.0	0.0	0.0	148.7	905.9	0.0	0.0	0.0	0.0	0.0	-757.2
								Column Totals	163.7	15.0	724.7	0.0	0.0	0.0							

Fill for Central Island: 170.5 CY (Grading and shaping within completed circle)

DIVISION 11 (Mason to Hilltop)

STATION	AREA (SF) CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	INCREMENTAL VOL. (CY) (Unadjusted) CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUMULATIVE VOL. (CY) CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
288+25.0	70.3	19.7	328.6	0.0	0.0	0.0														
288+50.0	67.0	19.7	252.2	0.0	0.0	0.0	63.6	18.2	268.9	0.0	0.0	0.0	45.3	336.1	0.0	0.0	0.0	0.0	0.0	-290.8
288+75.0	53.0	19.7	230.4	0.0	0.0	0.0	55.6	18.2	223.4	0.0	0.0	0.0	82.6	615.4	0.0	0.0	0.0	0.0	0.0	-532.8
289+00.0	53.2	19.7	133.2	0.0	0.0	0.0	49.2	18.2	168.3	0.0	0.0	0.0	113.6	825.8	0.0	0.0	0.0	0.0	0.0	-712.2
289+50.0	61.5	19.7	103.0	0.0	0.0	0.0	106.2	36.5	218.7	0.0	0.0	0.0	183.3	1099.2	0.0	0.0	0.0	0.0	0.0	-915.9
290+00.0	68.8	19.7	108.1	0.0	0.0	0.0	120.6	36.5	195.5	0.0	0.0	0.0	267.5	1343.5	0.0	0.0	0.0	0.0	0.0	-1076.1
290+50.0	71.2	19.7	117.5	0.0	0.0	0.0	129.6	36.5	208.9	0.0	0.0	0.0	360.6	1604.6	0.0	0.0	0.0	0.0	0.0	-1244.0
290+80.0	109.0	19.7	2.2	0.0	0.0	0.0	100.1	21.9	66.5	0.0	0.0	0.0	438.8	1687.8	0.0	0.0	0.0	0.0	0.0	-1248.9
291+00.0	114.6	19.7	0.7	0.0	0.0	0.0	82.8	14.6	1.1	0.0	0.0	0.0	507.0	1689.1	0.0	0.0	0.0	0.0	0.0	-1182.1
292+00.0	120.8	19.7	2.7	0.0	0.0	0.0	435.9	73.0	6.3	0.0	0.0	0.0	870.0	1697.0	0.0	0.0	0.0	0.0	0.0	-827.0
292+25.0	114.2	19.7	1.2	0.0	0.0	0.0	108.8	18.2	1.8	0.0	0.0	0.0	960.6	1699.2	0.0	0.0	0.0	0.0	0.0	-738.7
292+50.0	110.4	19.7	0.0	0.0	0.0	0.0	104.0	18.2	0.6	0.0	0.0	0.0	1046.3	1699.9	0.0	0.0	0.0	0.0	0.0	-653.6
293+00.0	113.2	19.7	0.2	0.0	0.0	0.0	207.0	36.5	0.2	0.0	0.0	0.0	1216.9	1700.2	0.0	0.0	0.0	0.0	0.0	-483.3
294+00.0	120.8	19.7	0.9	0.0	0.0	0.0	433.3	73.0	2.0	0.0	0.0	0.0	1577.2	1702.7	0.0	0.0	0.0	0.0	0.0	-125.5
295+00.0	78.0	19.7	43.5	0.0	0.0	0.0	368.1	73.0	82.2	0.0	0.0	0.0	1872.4	1805.5	0.0	0.0	0.0	0.0	0.0	66.9
296+00.0	99.5	19.7	1.8	0.0	0.0	0.0	328.7	73.0	83.9	0.0	0.0	0.0	2128.2	1910.3	0.0	0.0	0.0	0.0	0.0	217.8
297+00.0	123.0	19.7	31.7	0.0	0.0	0.0	412.0	73.0	62.0	0.0	0.0	0.0	2467.2	1987.9	0.0	0.0	0.0	0.0	0.0	479.3
298+00.0	109.3	19.7	119.1	0.0	0.0	0.0	430.2	73.0	279.3	0.0	0.0	0.0	2824.5	2337.0	0.0	0.0	0.0	0.0	0.0	487.5
299+00.0	127.4	19.7	83.5	0.0	0.0	0.0	438.3	73.0	375.2	0.0	0.0	0.0	3189.8	2805.9	0.0	0.0	0.0	0.0	0.0	383.9
299+25.0	124.8	19.7	82.2	0.0	0.0	0.0	116.8	18.2	76.7	0.0	0.0	0.0	3288.3	2901.8	0.0	0.0	0.0	0.0	0.0	386.5
299+50.0	87.2	19.7	31.1	0.0	0.0	0.0	98.1	18.2	52.5	0.0	0.0	0.0	3368.3	2967.4	0.0	0.0	0.0	0.0	0.0	400.9
299+77.8	93.2	19.7	7.3	0.0	0.0	0.0	92.9	20.3	19.8	0.0	0.0	0.0	3440.8	2992.1	0.0	0.0	0.0	0.0	0.0	448.7
							Column Totals	4282.0	841.1	2393.7	0.0	0.0	0.0							

DIVISION 12 (Hilltop to Westview)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE PAV'T MATERIAL		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	ROCK 1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
299+77.8	93.2	19.7	7.3	0.0	0.0	0.0														
300+00.0	99.6	19.7	2.3	0.0	0.0	0.0	79.3	16.2	3.9	0.0	0.0	0.0	63.1	4.9	0.0	0.0	0.0	0.0	0.0	58.1
300+06.6	84.7	19.7	0.7	0.0	0.0	0.0	22.5	4.8	0.4	0.0	0.0	0.0	80.8	5.4	0.0	0.0	0.0	0.0	0.0	75.4
300+43.2	200.8	19.7	48.1	0.0	0.0	0.0	193.5	26.7	33.1	0.0	0.0	0.0	247.6	46.7	0.0	0.0	0.0	0.0	0.0	200.8
300+60.0	184.2	19.7	100.4	0.0	0.0	0.0	119.8	12.3	46.2	0.0	0.0	0.0	355.1	104.5	0.0	0.0	0.0	0.0	0.0	250.6
300+75.0	173.9	19.7	127.5	0.0	0.0	0.0	99.5	10.9	63.3	0.0	0.0	0.0	443.6	183.6	0.0	0.0	0.0	0.0	0.0	260.0
301+00.0	178.7	19.7	122.6	0.0	0.0	0.0	163.2	18.2	115.8	0.0	0.0	0.0	588.6	328.4	0.0	0.0	0.0	0.0	0.0	260.3
302+00.0	146.6	19.7	81.4	0.0	0.0	0.0	602.4	73.0	377.8	0.0	0.0	0.0	1118.1	800.6	0.0	0.0	0.0	0.0	0.0	317.5
303+00.0	214.8	19.7	0.0	0.0	0.0	0.0	669.3	73.0	150.7	0.0	0.0	0.0	1714.4	989.0	0.0	0.0	0.0	0.0	0.0	725.4
304+00.0	119.2	19.7	0.0	0.0	0.0	0.0	618.5	73.0	0.0	0.0	0.0	0.0	2259.9	989.0	0.0	0.0	0.0	0.0	0.0	1270.9
305+00.0	91.4	19.7	46.9	0.0	0.0	0.0	390.0	73.0	86.9	0.0	0.0	0.0	2577.0	1097.6	0.0	0.0	0.0	0.0	0.0	1479.4
306+00.0	93.7	19.7	5.8	0.0	0.0	0.0	342.8	73.0	97.6	0.0	0.0	0.0	2846.8	1219.6	0.0	0.0	0.0	0.0	0.0	1627.2
307+00.0	105.2	19.7	2.4	0.0	0.0	0.0	368.3	73.0	15.2	0.0	0.0	0.0	3142.1	1238.5	0.0	0.0	0.0	0.0	0.0	1903.6
308+00.0	71.9	19.7	67.7	0.0	0.0	0.0	328.0	73.0	129.8	0.0	0.0	0.0	3397.1	1400.8	0.0	0.0	0.0	0.0	0.0	1996.3
309+00.0	73.4	19.7	52.0	0.0	0.0	0.0	269.1	73.0	221.7	0.0	0.0	0.0	3593.3	1677.9	0.0	0.0	0.0	0.0	0.0	1915.4
310+00.0	74.2	19.7	102.4	0.0	0.0	0.0	273.3	73.0	285.9	0.0	0.0	0.0	3793.6	2035.3	0.0	0.0	0.0	0.0	0.0	1758.3
311+00.0	69.7	19.7	52.4	0.0	0.0	0.0	266.5	73.0	286.7	0.0	0.0	0.0	3987.2	2393.6	0.0	0.0	0.0	0.0	0.0	1593.5
312+00.0	79.8	19.7	22.5	0.0	0.0	0.0	276.9	73.0	138.7	0.0	0.0	0.0	4191.1	2567.0	0.0	0.0	0.0	0.0	0.0	1624.1
313+00.0	80.6	19.7	69.2	0.0	0.0	0.0	297.0	73.0	169.8	0.0	0.0	0.0	4415.1	2779.3	0.0	0.0	0.0	0.0	0.0	1635.9
313+25.0	114.6	19.7	40.6	0.0	0.0	0.0	90.4	18.2	50.8	0.0	0.0	0.0	4487.3	2842.8	0.0	0.0	0.0	0.0	0.0	1644.5
313+68.5	110.1	19.7	19.8	0.0	0.0	0.0	181.0	31.7	48.7	0.0	0.0	0.0	4636.5	2903.6	0.0	0.0	0.0	0.0	0.0	1732.9
					Column Totals		5651.2	1014.7	2322.9	0.0	0.0	0.0								

DIVISION 13 (Westview to Cloverdale)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE PAV'T MATERIAL		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	ROCK 1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
313+68.5	110.1	19.7	19.8	0.0	0.0	0.0														
314+00.0	109.7	19.7	23.6	0.0	0.0	0.0	128.2	23.0	25.3	0.0	0.0	0.0	105.2	31.6	0.0	0.0	0.0	0.0	0.0	73.6
315+00.0	172.1	19.7	23.7	0.0	0.0	0.0	521.9	73.0	87.6	0.0	0.0	0.0	554.1	141.1	0.0	0.0	0.0	0.0	0.0	413.0
316+00.0	256.1	19.7	1.9	0.0	0.0	0.0	793.0	73.0	47.4	0.0	0.0	0.0	1274.1	200.4	0.0	0.0	0.0	0.0	0.0	1073.7
317+00.0	375.9	19.7	3.8	0.0	0.0	0.0	1170.4	73.0	10.6	0.0	0.0	0.0	2371.5	213.6	0.0	0.0	0.0	0.0	0.0	2157.9
318+00.0	276.7	19.7	0.0	0.0	0.0	0.0	1208.5	73.0	7.0	0.0	0.0	0.0	3507.1	222.4	0.0	0.0	0.0	0.0	0.0	3284.7
319+00.0	230.3	19.7	1.9	0.0	0.0	0.0	938.9	73.0	3.5	0.0	0.0	0.0	4373.0	226.8	0.0	0.0	0.0	0.0	0.0	4146.2
320+00.0	217.8	19.7	52.6	0.0	0.0	0.0	829.8	73.0	100.9	0.0	0.0	0.0	5129.9	352.9	0.0	0.0	0.0	0.0	0.0	4776.9
321+00.0	224.0	19.7	6.3	0.0	0.0	0.0	818.1	73.0	109.1	0.0	0.0	0.0	5875.0	489.3	0.0	0.0	0.0	0.0	0.0	5385.8
321+50.0	188.1	19.7	20.0	0.0	0.0	0.0	381.6	36.5	24.4	0.0	0.0	0.0	6220.1	519.7	0.0	0.0	0.0	0.0	0.0	5700.4
322+00.0	160.8	19.7	1.2	0.0	0.0	0.0	323.1	36.5	19.6	0.0	0.0	0.0	6506.7	544.3	0.0	0.0	0.0	0.0	0.0	5962.5
322+07.3	159.2	19.7	1.6	0.0	0.0	0.0	43.3	5.3	0.4	0.0	0.0	0.0	6544.6	544.7	0.0	0.0	0.0	0.0	0.0	5999.9
					Column Totals		7156.7	612.0	435.8	0.0	0.0	0.0								

DIVISION 14 (Cloverdale to CTH OT)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE PAV'T MATERIAL		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	ROCK 1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
322+07.3	159.2	19.7	1.6	0.0	0.0	0.0														
322+25.0	152.6	19.7	7.7	0.0	0.0	0.0	102.2	12.9	3.0	0.0	0.0	0.0	89.3	3.8	0.0	0.0	0.0	0.0	0.0	85.5
322+50.0	104.2	19.7	27.1	0.0	0.0	0.0	118.9	18.2	16.1	0.0	0.0	0.0	189.9	23.9	0.0	0.0	0.0	0.0	0.0	166.0
323+00.0	85.2	19.7	128.7	0.0	0.0	0.0	175.4	36.5	144.3	0.0	0.0	0.0	328.8	204.3	0.0	0.0	0.0	0.0	0.0	124.6
324+00.0	106.2	19.7	37.1	0.0	0.0	0.0	354.4	73.0	307.0	0.0	0.0	0.0	610.3	588.1	0.0	0.0	0.0	0.0	0.0	22.2
324+50.0	147.3	19.7	1.0	0.0	0.0	0.0	234.7	36.5	35.3	0.0	0.0	0.0	808.5	632.2	0.0	0.0	0.0	0.0	0.0	176.4
325+00.0	115.2	19.7	10.8	0.0	0.0	0.0	243.1	36.5	10.9	0.0	0.0	0.0	1015.1	645.8	0.0	0.0	0.0	0.0	0.0	369.3
Penny 325+54.7	122.9	19.7	25.3	0.0	0.0	0.0	241.2	39.9	36.6	0.0	0.0	0.0	1216.4	691.5	0.0	0.0	0.0	0.0	0.0	524.9
326+00.0	131.7	19.7	6.0	0.0	0.0	0.0	213.6	33.1	26.3	0.0	0.0	0.0	1396.9	724.4	0.0	0.0	0.0	0.0	0.0	672.6
326+50.0	132.8	19.7	12.7	0.0	0.0	0.0	244.9	36.5	17.3	0.0	0.0	0.0	1605.4	746.0	0.0	0.0	0.0	0.0	0.0	859.4
327+00.0	111.1	19.7	14.4	0.0	0.0	0.0	225.8	36.5	25.1	0.0	0.0	0.0	1794.7	777.4	0.0	0.0	0.0	0.0	0.0	1017.3
328+00.0	87.2	19.7	4.0	0.0	0.0	0.0	367.2	73.0	34.1	0.0	0.0	0.0	2089.0	820.0	0.0	0.0	0.0	0.0	0.0	1269.0
329+00.0	83.4	19.7	3.2	0.0	0.0	0.0	315.9	73.0	13.3	0.0	0.0	0.0	2331.9	836.6	0.0	0.0	0.0	0.0	0.0	1495.3
330+00.0	81.3	19.7	3.2	0.0	0.0	0.0	305.0	73.0	11.9	0.0	0.0	0.0	2564.0	851.4	0.0	0.0	0.0	0.0	0.0	1712.5
331+00.0	96.2	19.7	0.1	0.0	0.0	0.0	328.7	73.0	6.1	0.0	0.0	0.0	2819.7	859.1	0.0	0.0	0.0	0.0	0.0	1960.6
Match STA. 331+03.0	93.3	19.7	1.0	0.0	0.0	0.0	10.5	2.2	0.1	0.0	0.0	0.0	2828.0	859.2	0.0	0.0	0.0	0.0	0.0	1968.9
					Column Totals		3481.6	653.5	687.3	0.0	0.0	0.0								

DIVISION 15 (CTH OT to Spruce)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK		CUT	SALVAVAGED/ UNUSABLE PAV'T MATERIAL	FILL	MARSH	ROCK		CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED MARCH IN FILL 0.60	REDUCED EBS IN FILL 0.80	MASS ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
Match STA. 342+50.0	128.7	19.7	17.4	0.0	0.0	0.0														
343+00.0	168.0	19.7	7.3	0.0	0.0	0.0	274.7	36.5	22.9	0.0	0.0	0.0	238.2	28.6	0.0	0.0	0.0	0.0	0.0	209.7
344+00.0	139.6	19.7	13.0	0.0	0.0	0.0	569.6	73.0	37.6	0.0	0.0	0.0	734.9	75.6	0.0	0.0	0.0	0.0	0.0	659.3
345+00.0	106.1	19.7	18.8	0.0	0.0	0.0	455.0	73.0	58.9	0.0	0.0	0.0	1116.9	149.2	0.0	0.0	0.0	0.0	0.0	967.8
346+00.0	79.2	19.7	20.8	0.0	0.0	0.0	343.1	73.0	73.3	0.0	0.0	0.0	1387.1	240.9	0.0	0.0	0.0	0.0	0.0	1146.3
347+00.0	203.3	19.7	16.8	0.0	0.0	0.0	523.1	73.0	69.6	0.0	0.0	0.0	1837.3	327.9	0.0	0.0	0.0	0.0	0.0	1509.4
348+00.0	494.2	19.7	11.2	0.0	0.0	0.0	1291.7	73.0	51.9	0.0	0.0	0.0	3056.0	392.7	0.0	0.0	0.0	0.0	0.0	2663.3
349+00.0	633.1	19.7	12.2	0.0	0.0	0.0	2087.6	73.0	43.3	0.0	0.0	0.0	5070.6	446.9	0.0	0.0	0.0	0.0	0.0	4623.8
350+00.0	805.2	19.7	13.7	0.0	0.0	0.0	2663.5	73.0	48.0	0.0	0.0	0.0	7661.2	506.8	0.0	0.0	0.0	0.0	0.0	7154.4
351+00.0	449.1	19.7	12.3	0.0	0.0	0.0	2322.8	73.0	48.1	0.0	0.0	0.0	9911.0	567.0	0.0	0.0	0.0	0.0	0.0	9344.0
351+50.0	552.1	19.7	1.6	0.0	0.0	0.0	927.0	36.5	12.9	0.0	0.0	0.0	10801.6	583.1	0.0	0.0	0.0	0.0	0.0	10218.5
351+75.0	554.9	19.7	1.6	0.0	0.0	0.0	512.5	18.2	1.5	0.0	0.0	0.0	11295.8	585.0	0.0	0.0	0.0	0.0	0.0	10710.9
352+00.0	397.0	19.7	0.0	0.0	0.0	0.0	440.7	18.2	0.7	0.0	0.0	0.0	11718.3	585.9	0.0	0.0	0.0	0.0	0.0	11132.4
353+00.0	232.8	19.7	32.0	0.0	0.0	0.0	1166.3	73.0	59.3	0.0	0.0	0.0	12811.6	660.0	0.0	0.0	0.0	0.0	0.0	12151.7
353+50.0	112.3	19.7	78.8	0.0	0.0	0.0	319.5	36.5	102.6	0.0	0.0	0.0	13094.7	788.2	0.0	0.0	0.0	0.0	0.0	12306.5
353+70.0	87.0	19.7	178.6	0.0	0.0	0.0	73.8	14.6	95.3	0.0	0.0	0.0	13153.9	907.4	0.0	0.0	0.0	0.0	0.0	12246.5
354+00.0	108.0	19.7	30.1	0.0	0.0	0.0	108.3	21.9	115.9	0.0	0.0	0.0	13240.3	1052.3	0.0	0.0	0.0	0.0	0.0	12188.1
354+30.0	107.2	19.7	0.0	0.0	0.0	0.0	119.6	21.9	16.7	0.0	0.0	0.0	13338.0	1073.2	0.0	0.0	0.0	0.0	0.0	12264.8
					Column Totals		14199.0	861.0	858.6	0.0	0.0	0.0								

DIVISION 16 (Spruce to Spring)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK		CUT	SALVAVAGED/ UNUSABLE PAV'T MATERIAL	FILL	MARSH	ROCK		CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED MARCH IN FILL 0.60	REDUCED EBS IN FILL 0.80	MASS ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
354+30.0	107.2	19.7	0.0	0.0	0.0	0.0														
354+80.0	108.9	19.7	88.2	0.0	0.0	0.0	200.1	36.5	81.7	0.0	0.0	0.0	163.6	102.1	0.0	0.0	0.0	0.0	0.0	61.5
355+00.0	103.6	19.7	43.9	0.0	0.0	0.0	78.7	14.6	48.9	0.0	0.0	0.0	227.7	163.2	0.0	0.0	0.0	0.0	0.0	64.5
355+50.0	104.0	19.7	13.3	0.0	0.0	0.0	192.2	36.5	53.0	0.0	0.0	0.0	383.5	229.4	0.0	0.0	0.0	0.0	0.0	154.0
356+00.0	122.6	19.7	21.9	0.0	0.0	0.0	209.8	36.5	32.6	0.0	0.0	0.0	556.8	270.2	0.0	0.0	0.0	0.0	0.0	286.6
357+00.0	104.9	19.7	22.7	0.0	0.0	0.0	421.3	73.0	82.6	0.0	0.0	0.0	905.1	373.4	0.0	0.0	0.0	0.0	0.0	531.7
358+00.0	70.7	19.7	26.4	0.0	0.0	0.0	325.2	73.0	90.9	0.0	0.0	0.0	1157.4	487.1	0.0	0.0	0.0	0.0	0.0	670.3
359+00.0	79.8	19.7	17.0	0.0	0.0	0.0	278.7	73.0	80.4	0.0	0.0	0.0	1363.1	587.5	0.0	0.0	0.0	0.0	0.0	775.5
360+00.0	87.9	19.7	17.7	0.0	0.0	0.0	310.6	73.0	64.3	0.0	0.0	0.0	1600.7	667.9	0.0	0.0	0.0	0.0	0.0	932.8
361+00.0	83.1	19.7	16.2	0.0	0.0	0.0	316.7	73.0	62.8	0.0	0.0	0.0	1844.4	746.3	0.0	0.0	0.0	0.0	0.0	1098.0
361+75.0	77.1	19.7	30.3	0.0	0.0	0.0	222.5	54.7	64.6	0.0	0.0	0.0	2012.2	827.1	0.0	0.0	0.0	0.0	0.0	1185.1
362+00.0	84.1	19.7	14.4	0.0	0.0	0.0	74.6	18.2	20.7	0.0	0.0	0.0	2068.6	852.9	0.0	0.0	0.0	0.0	0.0	1215.6
362+18.0	86.1	19.7	16.9	0.0	0.0	0.0	56.7	13.1	10.4	0.0	0.0	0.0	2112.2	866.0	0.0	0.0	0.0	0.0	0.0	1246.2
362+60.0	77.2	19.7	94.7	0.0	0.0	0.0	127.0	30.6	86.8	0.0	0.0	0.0	2208.5	974.5	0.0	0.0	0.0	0.0	0.0	1234.0
363+00.0	69.4	19.7	101.3	0.0	0.0	0.0	108.6	29.2	145.2	0.0	0.0	0.0	2287.9	1156.0	0.0	0.0	0.0	0.0	0.0	1132.0
364+00.0	90.1	19.7	76.2	0.0	0.0	0.0	295.4	73.0	328.7	0.0	0.0	0.0	2510.3	1566.8	0.0	0.0	0.0	0.0	0.0	943.5
364+60.0	100.2	19.7	28.6	0.0	0.0	0.0	211.4	43.8	116.4	0.0	0.0	0.0	2678.0	1712.4	0.0	0.0	0.0	0.0	0.0	965.6
365+00.0	85.5	19.7	4.8	0.0	0.0	0.0	137.6	29.2	24.7	0.0	0.0	0.0	2786.4	1743.3	0.0	0.0	0.0	0.0	0.0	1043.1
365+24.0	105.7	19.7	0.1	0.0	0.0	0.0	85.0	17.5	2.2	0.0	0.0	0.0	2853.8	1746.0	0.0	0.0	0.0	0.0	0.0	1107.8
					Column Totals		3652.1	798.2	1396.8	0.0	0.0	0.0								

DIVISION 17 (Spring to Walden)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK		CUT	SALVAVAGED/ UNUSABLE PAV'T MATERIAL	FILL	MARSH	ROCK		CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED MARCH IN FILL 0.60	REDUCED EBS IN FILL 0.80	MASS ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
365+24.0	105.7	19.7	0.1	0.0	0.0	0.0														
365+50.0	86.5	19.7	127.3	0.0	0.0	0.0	92.5	19.0	61.3	0.0	0.0	0.0	73.6	76.7	0.0	0.0	0.0	0.0	0.0	-3.1
365+75.0	66.1	19.7	659.4	0.0	0.0	0.0	70.6	18.2	364.2	0.0	0.0	0.0	126.0	531.9	0.0	0.0	0.0	0.0	0.0	-406.0
366+00.0	60.7	19.7	1566.4	0.0	0.0	0.0	58.7	18.2	1030.5	0.0	0.0	0.0	166.4	1820.0	0.0	0.0	0.0	0.0	0.0	-1653.6
366+40.0	56.4	19.7	2765.3	0.0	0.0	0.0	86.7	29.2	3208.7	0.0	0.0	0.0	224.0	5830.9	0.0	0.0	0.0	0.0	0.0	-5606.9
366+81.0	52.6	19.7	2632.9	0.0	0.0	0.0	82.8	29.9	4098.6	0.0	0.0	0.0	276.8	10954.1	0.0	0.0	0.0	0.0	0.0	-10677.3
367+00.0	54.5	19.7	2239.0	0.0	0.0	0.0	37.7	13.9	1714.2	0.0	0.0	0.0	300.7	13096.9	0.0	0.0	0.0	0.0	0.0	-12796.2
367+50.0	60.7	19.7	974.1	0.0	0.0	0.0	106.7	36.5	2975.1	0.0	0.0	0.0	370.8	16815.7	0.0	0.0	0.0	0.0	0.0	-16444.9
368+00.0	72.2	19.7	160.4	0.0	0.0	0.0	123.1	36.5	1050.5	0.0	0.0	0.0	457.4	18128.8	0.0	0.0	0.0	0.0	0.0	-17671.4
369+00.0	86.6	19.7	24.9	0.0	0.0	0.0	294.1	73.0	343.1	0.0	0.0	0.0	678.5	18557.8	0.0	0.0	0.0	0.0	0.0	-17879.2
370+00.0	126.6	19.7	9.8	0.0	0.0	0.0	394.8	73.0	64.3	0.0	0.0	0.0	1000.4	18638.1	0.0	0.0	0.0	0.0	0.0	-17637.7
370+50.0	104.2	19.7	14.7	0.0	0.0	0.0	213.7	36.5	22.7	0.0	0.0	0.0	1177.6	18666.4	0.0	0.0	0.0	0.0	0.0	-17488.8
371+00.0	96.0	19.7	9.0	0.0	0.0	0.0	185.4	36.5	21.9	0.0	0.0	0.0	1326.5	18693.9	0.0	0.0	0.0	0.0	0.0	-17367.4
					Column Totals		1746.8	420.3	14955.1	0.0	0.0	0.0								

DIVISION 18 (Waldem to CTH OT)

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
STATION	CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
371+00.0	96.0	19.7	9.0	0.0	0.0	0.0														
371+50.0	115.7	19.7	58.6	0.0	0.0	0.0	196.0	36.5	62.6	0.0	0.0	0.0	159.5	78.2	0.0	0.0	0.0	0.0	0.0	81.3
372+00.0	78.5	19.7	83.5	0.0	0.0	0.0	179.8	36.5	131.6	0.0	0.0	0.0	302.9	242.7	0.0	0.0	0.0	0.0	0.0	60.2
373+00.0	71.6	19.7	81.8	0.0	0.0	0.0	278.0	73.0	306.1	0.0	0.0	0.0	507.9	625.3	0.0	0.0	0.0	0.0	0.0	-117.5
374+00.0	70.3	19.7	50.4	0.0	0.0	0.0	262.8	73.0	244.8	0.0	0.0	0.0	697.7	931.4	0.0	0.0	0.0	0.0	0.0	-233.7
375+00.0	93.9	19.7	17.9	0.0	0.0	0.0	304.1	73.0	126.5	0.0	0.0	0.0	928.8	1089.5	0.0	0.0	0.0	0.0	0.0	-160.7
376+00.0	116.7	19.7	1.3	0.0	0.0	0.0	390.0	73.0	35.6	0.0	0.0	0.0	1245.8	1133.9	0.0	0.0	0.0	0.0	0.0	111.9
376+50.0	130.9	19.7	4.8	0.0	0.0	0.0	229.3	36.5	5.6	0.0	0.0	0.0	1438.6	1141.0	0.0	0.0	0.0	0.0	0.0	297.6
377+00.0	130.3	19.7	2.8	0.0	0.0	0.0	241.9	36.5	7.0	0.0	0.0	0.0	1644.0	1149.8	0.0	0.0	0.0	0.0	0.0	494.2
377+50.0	61.9	19.7	9.9	0.0	0.0	0.0	178.0	36.5	11.8	0.0	0.0	0.0	1785.5	1164.5	0.0	0.0	0.0	0.0	0.0	621.0
378+00.0	140.7	19.7	3.2	0.0	0.0	0.0	187.6	36.5	12.1	0.0	0.0	0.0	1936.6	1179.6	0.0	0.0	0.0	0.0	0.0	756.9
378+50.0	137.5	19.7	16.5	0.0	0.0	0.0	257.6	36.5	18.2	0.0	0.0	0.0	2157.7	1202.4	0.0	0.0	0.0	0.0	0.0	955.3
379+00.0	113.1	19.7	24.5	0.0	0.0	0.0	232.0	36.5	38.0	0.0	0.0	0.0	2353.2	1249.9	0.0	0.0	0.0	0.0	0.0	1103.4
380+00.0	64.9	19.7	42.5	0.0	0.0	0.0	329.6	73.0	124.1	0.0	0.0	0.0	2609.9	1405.0	0.0	0.0	0.0	0.0	0.0	1204.9
381+00.0	51.6	19.7	39.8	0.0	0.0	0.0	215.7	73.0	152.4	0.0	0.0	0.0	2752.7	1595.5	0.0	0.0	0.0	0.0	0.0	1157.2
382+00.0	53.9	19.7	41.7	0.0	0.0	0.0	195.4	73.0	150.9	0.0	0.0	0.0	2875.1	1784.1	0.0	0.0	0.0	0.0	0.0	1090.9
383+00.0	80.4	19.7	34.3	0.0	0.0	0.0	248.7	73.0	140.7	0.0	0.0	0.0	3050.8	1960.1	0.0	0.0	0.0	0.0	0.0	1090.8
384+00.0	152.2	19.7	25.4	0.0	0.0	0.0	430.7	73.0	110.6	0.0	0.0	0.0	3408.6	2098.3	0.0	0.0	0.0	0.0	0.0	1310.3
385+00.0	59.0	19.7	93.2	0.0	0.0	0.0	391.1	73.0	219.6	0.0	0.0	0.0	3726.8	2372.8	0.0	0.0	0.0	0.0	0.0	1354.0
386+00.0	47.8	19.7	152.5	0.0	0.0	0.0	197.8	73.0	455.0	0.0	0.0	0.0	3851.6	2941.6	0.0	0.0	0.0	0.0	0.0	910.0
386+82.0	57.8	19.7	87.0	0.0	0.0	0.0	160.4	59.8	363.7	0.0	0.0	0.0	3952.1	3396.2	0.0	0.0	0.0	0.0	0.0	555.9
387+00.0	49.2	19.7	87.6	0.0	0.0	0.0	35.7	13.1	58.2	0.0	0.0	0.0	3974.6	3468.9	0.0	0.0	0.0	0.0	0.0	505.7
387+50.0	40.1	19.7	229.9	0.0	0.0	0.0	82.7	36.5	294.0	0.0	0.0	0.0	4020.8	3836.4	0.0	0.0	0.0	0.0	0.0	184.5
387+75.0	41.8	19.7	204.1	0.0	0.0	0.0	37.9	18.2	200.9	0.0	0.0	0.0	4040.5	4087.5	0.0	0.0	0.0	0.0	0.0	-47.0
388+00.0	44.7	19.7	142.0	0.0	0.0	0.0	40.0	18.2	160.2	0.0	0.0	0.0	4062.3	4287.8	0.0	0.0	0.0	0.0	0.0	-225.5
388+50.0	71.3	19.7	55.7	0.0	0.0	0.0	107.4	36.5	183.1	0.0	0.0	0.0	4133.2	4516.7	0.0	0.0	0.0	0.0	0.0	-383.4
389+00.0	79.2	19.7	35.1	0.0	0.0	0.0	139.4	36.5	84.1	0.0	0.0	0.0	4236.1	4621.7	0.0	0.0	0.0	0.0	0.0	-385.6
390+00.0	108.5	19.1	26.0	0.0	0.0	0.0	347.6	71.9	113.1	0.0	0.0	0.0	4511.9	4763.2	0.0	0.0	0.0	0.0	0.0	-251.3
391+00.0	150.9	18.1	6.2	0.0	0.0	0.0	480.4	68.9	59.6	0.0	0.0	0.0	4923.3	4837.7	0.0	0.0	0.0	0.0	0.0	85.6
392+00.0	76.6	9.7	0.0	0.0	0.0	0.0	421.3	51.5	11.5	0.0	0.0	0.0	5293.2	4852.1	0.0	0.0	0.0	0.0	0.0	441.1
					Column Totals		6798.7	1505.6	3881.7	0.0	0.0	0.0								

DIVISION 19 Quincy

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
STATION	CUT	SALVAVAGED/ UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT Note 1	SALVAVAGED/ UNUSABLE PAV'T MATERIAL Note 2	FILL Note 3	MARSH EXC	ROCK EXC	EBS	CUT 1.00 Note 1	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.50 Note 4	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 Note 5	REDUCED MARCH IN FILL 0.60 Note 6	REDUCED EBS IN FILL 0.80 Note 7	MASS ORDINATE Note 8
10+50.0	43.7	11.3	0.0	0.0	0.0	0.0														
11+00.0	61.1	11.3	5.7	0.0	0.0	0.0	97.0	20.9	5.3	0.0	0.0	0.0	76.1	6.6	0.0	0.0	0.0	0.0	0.0	69.5
11+50.0	1.7	1.7	38.1	0.0	0.0	0.0	58.1	12.0	40.6	0.0	0.0	0.0	122.2	57.3	0.0	0.0	0.0	0.0	0.0	64.9
11+70.1	0.0	0.0	51.0	0.0	0.0	0.0	0.6	0.6	33.2	0.0	0.0	0.0	122.2	98.7	0.0	0.0	0.0	0.0	0.0	23.5
12+00.0	15.4	11.3	4.8	0.0	0.0	0.0	8.5	6.3	30.9	0.0	0.0	0.0	124.5	137.4	0.0	0.0	0.0	0.0	0.0	-12.9
12+16.6	27.4	11.3	1.7	0.0	0.0	0.0	13.2	6.9	2.0	0.0	0.0	0.0	130.7	139.9	0.0	0.0	0.0	0.0	0.0	-9.2
12+50.0	34.1	11.3	0.2	0.0	0.0	0.0	38.0	14.0	1.2	0.0	0.0	0.0	154.8	141.3	0.0	0.0	0.0	0.0	0.0	13.4
12+75.0	5.2	5.2	13.2	0.0	0.0	0.0	18.2	7.6	6.2	0.0	0.0	0.0	165.3	149.1	0.0	0.0	0.0	0.0	0.0	16.2
12+78.0	5.3	5.2	13.5	0.0	0.0	0.0	0.6	0.6	1.5	0.0	0.0	0.0	165.3	150.9	0.0	0.0	0.0	0.0	0.0	14.4
					Column Totals		234.3	69.0	120.8	0.0	0.0	0.0								

DIVISION 20 Kramer/Sunset

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
							CUT	PAV'T MATERIAL	FILL				1.00	FILL	1.50	ROCK	1.30	0.60	0.80	ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
77+25.0	13.5	5.5	0.0	0.0	0.0	0.0														
77+50.0	16.2	5.5	0.0	0.0	0.0	0.0	13.8	5.1	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	8.7
77+75.0	12.9	5.5	3.4	0.0	0.0	0.0	13.5	5.1	1.6	0.0	0.0	0.0	17.0	2.0	0.0	0.0	0.0	0.0	0.0	15.1
78+00.0	5.2	0.0	23.7	0.0	0.0	0.0	8.4	2.5	12.5	0.0	0.0	0.0	22.9	17.7	0.0	0.0	0.0	0.0	0.0	5.2
78+25.0	0.0	0.0	113.3	0.0	0.0	0.0	2.4	0.0	63.4	0.0	0.0	0.0	25.3	96.9	0.0	0.0	0.0	0.0	0.0	-71.7
78+50.0	0.0	0.0	170.9	0.0	0.0	0.0	0.0	0.0	131.6	0.0	0.0	0.0	25.3	261.4	0.0	0.0	0.0	0.0	0.0	-236.1
78+55.0	0.0	0.0	186.8	0.0	0.0	0.0	0.0	0.0	33.1	0.0	0.0	0.0	25.3	302.8	0.0	0.0	0.0	0.0	0.0	-277.5
78+75.0	0.0	0.0	229.7	0.0	0.0	0.0	0.0	0.0	154.3	0.0	0.0	0.0	25.3	495.6	0.0	0.0	0.0	0.0	0.0	-470.3
79+00.0	3.3	2.0	169.9	0.0	0.0	0.0	1.5	0.9	185.0	0.0	0.0	0.0	25.9	726.9	0.0	0.0	0.0	0.0	0.0	-701.0
79+15.0	42.3	5.5	136.9	0.0	0.0	0.0	12.7	2.1	85.2	0.0	0.0	0.0	36.5	833.4	0.0	0.0	0.0	0.0	0.0	-796.9
79+25.0	59.8	5.5	6.9	0.0	0.0	0.0	18.9	2.0	26.6	0.0	0.0	0.0	53.3	866.7	0.0	0.0	0.0	0.0	0.0	-813.4
					Column Totals		71.1	17.8	693.4	0.0	0.0	0.0								
80+50.0	80.3	6.5	139.4	0.0	0.0	0.0														
80+75.0	21.5	6.1	179.7	0.0	0.0	0.0	47.1	5.8	147.7	0.0	0.0	0.0	41.3	184.7	0.0	0.0	0.0	0.0	0.0	-143.4
81+00.0	24.8	5.5	99.8	0.0	0.0	0.0	21.4	5.4	129.4	0.0	0.0	0.0	57.4	346.4	0.0	0.0	0.0	0.0	0.0	-289.1
81+25.0	17.2	5.5	26.7	0.0	0.0	0.0	19.4	5.1	58.6	0.0	0.0	0.0	71.7	419.6	0.0	0.0	0.0	0.0	0.0	-347.9
81+50.0	35.7	5.5	5.7	0.0	0.0	0.0	24.5	5.1	15.0	0.0	0.0	0.0	91.1	438.4	0.0	0.0	0.0	0.0	0.0	-347.3
82+00.0	28.6	5.5	0.0	0.0	0.0	0.0	59.5	10.2	5.3	0.0	0.0	0.0	140.5	445.0	0.0	0.0	0.0	0.0	0.0	-304.5
					Column Totals		172.0	31.6	356.0	0.0	0.0	0.0								

DIVISION 21 Sunset/Riders

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
							CUT	PAV'T MATERIAL	FILL				1.00	FILL	1.50	ROCK	1.30	0.60	0.80	ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
149+50.0	28.2	5.4	0.0	0.0	0.0	0.0														
149+75.0	29.4	5.4	0.0	0.0	0.0	0.0	26.7	5.0	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	21.7
150+00.0	54.1	5.5	0.4	0.0	0.0	0.0	38.7	5.0	0.2	0.0	0.0	0.0	55.3	0.2	0.0	0.0	0.0	0.0	0.0	55.0
150+25.0	75.6	5.5	0.0	0.0	0.0	0.0	60.0	5.1	0.2	0.0	0.0	0.0	110.2	0.5	0.0	0.0	0.0	0.0	0.0	109.8
150+50.0	119.7	3.8	2.9	0.0	0.0	0.0	90.4	4.3	1.3	0.0	0.0	0.0	196.3	2.1	0.0	0.0	0.0	0.0	0.0	194.2
150+75.0	226.6	0.0	0.0	0.0	0.0	0.0	160.3	1.8	1.3	0.0	0.0	0.0	354.9	3.8	0.0	0.0	0.0	0.0	0.0	351.1
151+00.0	401.0	6.8	10.2	0.0	0.0	0.0	290.6	3.1	4.7	0.0	0.0	0.0	642.3	9.7	0.0	0.0	0.0	0.0	0.0	632.6
					Column Totals		666.7	24.4	7.8	0.0	0.0	0.0								
153+50.0	47.0	9.0	7.4	0.0	0.0	0.0														
153+75.0	47.1	9.0	6.3	0.0	0.0	0.0	43.6	8.3	6.3	0.0	0.0	0.0	35.2	7.9	0.0	0.0	0.0	0.0	0.0	27.3
154+00.0	55.5	9.0	3.2	0.0	0.0	0.0	47.5	8.3	4.4	0.0	0.0	0.0	74.4	13.4	0.0	0.0	0.0	0.0	0.0	61.0
154+50.0	65.1	9.0	0.8	0.0	0.0	0.0	111.7	16.7	3.7	0.0	0.0	0.0	169.4	18.1	0.0	0.0	0.0	0.0	0.0	151.3
154+75.0	68.3	9.0	5.1	0.0	0.0	0.0	61.8	8.3	2.7	0.0	0.0	0.0	222.8	21.5	0.0	0.0	0.0	0.0	0.0	201.4
155+00.0	87.4	9.0	0.0	0.0	0.0	0.0	72.1	8.3	2.4	0.0	0.0	0.0	286.6	24.4	0.0	0.0	0.0	0.0	0.0	262.2
155+15.0	76.3	9.0	1.6	0.0	0.0	0.0	45.5	5.0	0.4	0.0	0.0	0.0	327.0	25.0	0.0	0.0	0.0	0.0	0.0	302.1
155+25.0	63.3	9.0	1.1	0.0	0.0	0.0	25.9	3.3	0.5	0.0	0.0	0.0	349.6	25.6	0.0	0.0	0.0	0.0	0.0	324.0
155+50.0	61.0	9.0	2.5	0.0	0.0	0.0	57.5	8.3	1.7	0.0	0.0	0.0	398.8	27.7	0.0	0.0	0.0	0.0	0.0	371.1
					Column Totals		465.4	66.7	22.1	0.0	0.0	0.0								

DIVISION 22 Fisherman

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
							CUT	PAV'T MATERIAL	FILL				1.00	FILL	1.50	ROCK	1.30	0.60	0.80	ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
4+50.0	6.0	0.0	7.3	0.0	0.0	0.0														
4+70.0	24.5	0.0	34.5	0.0	0.0	0.0	11.3	0.0	15.5	0.0	0.0	0.0	11.3	19.4	0.0	0.0	0.0	0.0	0.0	-8.1
4+75.0	21.7	0.0	61.2	0.0	0.0	0.0	4.3	0.0	8.9	0.0	0.0	0.0	15.6	30.4	0.0	0.0	0.0	0.0	0.0	-14.9
4+90.0	31.6	0.0	186.7	0.0	0.0	0.0	14.8	0.0	68.9	0.0	0.0	0.0	30.4	116.5	0.0	0.0	0.0	0.0	0.0	-86.1
5+00.0	49.6	6.0	221.4	0.0	0.0	0.0	15.0	1.1	75.6	0.0	0.0	0.0	44.3	211.0	0.0	0.0	0.0	0.0	0.0	-166.7
5+10.0	127.6	6.0	5.7	0.0	0.0	0.0	32.8	2.2	42.1	0.0	0.0	0.0	74.9	263.5	0.0	0.0	0.0	0.0	0.0	-188.6
5+15.0	213.1	6.0	0.0	0.0	0.0	0.0	31.5	1.1	0.5	0.0	0.0	0.0	105.3	264.2	0.0	0.0	0.0	0.0	0.0	-158.9
5+25.0	129.3	6.0	0.0	0.0	0.0	0.0	63.4	2.2	0.0	0.0	0.0	0.0	166.5	264.2	0.0	0.0	0.0	0.0	0.0	-97.7
5+50.0	79.3	6.0	0.9	0.0	0.0	0.0	96.6	5.6	0.4	0.0	0.0	0.0	257.5	264.7	0.0	0.0	0.0	0.0	0.0	-7.2
5+60.0	73.5	6.0	1.2	0.0	0.0	0.0	28.3	2.2	0.4	0.0	0.0	0.0	283.6	265.2	0.0	0.0	0.0	0.0	0.0	18.4
					Column Totals		298.1	14.4	212.2	0.0	0.0	0.0								

DIVISION 23 Mason

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE					CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
							CUT	PAV'T MATERIAL	FILL	MARSH	ROCK		1.00	FILL	1.50	ROCK	1.30	0.60	0.80	ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
91+50.0	51.5	9.5	12.6	0.0	0.0	0.0														
91+75.0	53.0	9.5	8.5	0.0	0.0	0.0	48.4	8.8	9.8	0.0	0.0	0.0	39.6	12.2	0.0	0.0	0.0	0.0	0.0	27.4
92+00.0	52.0	9.5	6.5	0.0	0.0	0.0	48.6	8.8	6.9	0.0	0.0	0.0	79.4	20.9	0.0	0.0	0.0	0.0	0.0	58.5
92+25.0	61.5	9.5	2.7	0.0	0.0	0.0	52.5	8.8	4.3	0.0	0.0	0.0	123.1	26.2	0.0	0.0	0.0	0.0	0.0	96.9
92+50.0	67.2	9.5	0.5	0.0	0.0	0.0	59.6	8.8	1.5	0.0	0.0	0.0	173.9	28.1	0.0	0.0	0.0	0.0	0.0	145.9
92+75.0	67.2	9.5	0.2	0.0	0.0	0.0	62.2	8.8	0.3	0.0	0.0	0.0	227.4	28.5	0.0	0.0	0.0	0.0	0.0	198.9
93+00.0	66.0	9.5	1.1	0.0	0.0	0.0	61.7	8.8	0.6	0.0	0.0	0.0	280.2	29.2	0.0	0.0	0.0	0.0	0.0	251.0
					Column Totals		333.0	52.8	23.4	0.0	0.0	0.0								

DIVISION 24 CTH Z/Hilltop

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE					CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
							CUT	PAV'T MATERIAL	FILL	MARSH	ROCK		1.00	FILL	1.50	ROCK	1.30	0.60	0.80	ORDINATE
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	Note 1	Note 2	Note 3	EXC	EXC	EBS	Note 1	1.25	Note 4	1.10	Note 5	Note 6	Note 7	Note 8
102+05.0	0.0	0.0	0.0	0.0	0.0	0.0														
103+00.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.0	0.0	31.4	0.0	0.0	0.0	0.0	0.0	-31.4
103+25.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	49.9	0.0	0.0	0.0	0.0	0.0	-49.9
103+75.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	79.9	0.0	0.0	0.0	0.0	0.0	-79.9
104+00.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	84.7	0.0	0.0	0.0	0.0	0.0	-84.7
104+50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.7	0.0	0.0	0.0	0.0	0.0	-84.7
105+00.0	92.6	10.0	4.7	0.0	0.0	0.0	85.7	9.3	4.4	0.0	0.0	0.0	76.5	90.1	0.0	0.0	0.0	0.0	0.0	-13.6
105+50.0	102.9	10.0	0.0	0.0	0.0	0.0	181.0	18.5	4.4	0.0	0.0	0.0	239.0	95.6	0.0	0.0	0.0	0.0	0.0	143.4
106+00.0	131.1	13.5	0.6	0.0	0.0	0.0	216.7	21.8	0.6	0.0	0.0	0.0	433.9	96.3	0.0	0.0	0.0	0.0	0.0	337.6
106+25.0	142.8	13.6	288.2	0.0	0.0	0.0	126.8	12.5	133.7	0.0	0.0	0.0	548.1	263.4	0.0	0.0	0.0	0.0	0.0	284.8
106+50.0	20.5	0.0	618.6	0.0	0.0	0.0	75.6	6.3	419.8	0.0	0.0	0.0	617.5	788.2	0.0	0.0	0.0	0.0	0.0	-170.7
106+52.6	9.6	0.0	615.2	0.0	0.0	0.0	1.4	0.0	59.2	0.0	0.0	0.0	618.9	862.1	0.0	0.0	0.0	0.0	0.0	-243.2
106+75.0	0.0	0.0	1043.8	0.0	0.0	0.0	4.0	0.0	688.5	0.0	0.0	0.0	622.9	1722.7	0.0	0.0	0.0	0.0	0.0	-1099.9
107+00.0	0.0	0.0	1432.8	0.0	0.0	0.0	0.0	0.0	1146.6	0.0	0.0	0.0	622.9	3156.0	0.0	0.0	0.0	0.0	0.0	-2533.1
107+25.0	0.0	0.0	1487.4	0.0	0.0	0.0	0.0	0.0	1351.9	0.0	0.0	0.0	622.9	4845.9	0.0	0.0	0.0	0.0	0.0	-4223.0
107+50.0	0.0	0.0	1502.8	0.0	0.0	0.0	0.0	0.0	1384.4	0.0	0.0	0.0	622.9	6576.3	0.0	0.0	0.0	0.0	0.0	-5953.4
107+75.0	0.0	0.0	1508.7	0.0	0.0	0.0	0.0	0.0	1394.2	0.0	0.0	0.0	622.9	8319.1	0.0	0.0	0.0	0.0	0.0	-7696.2
108+00.0	0.0	0.0	1497.9	0.0	0.0	0.0	0.0	0.0	1391.9	0.0	0.0	0.0	622.9	10059.0	0.0	0.0	0.0	0.0	0.0	-9436.1
108+25.0	0.0	0.0	1501.0	0.0	0.0	0.0	0.0	0.0	1388.4	0.0	0.0	0.0	622.9	11794.5	0.0	0.0	0.0	0.0	0.0	-11171.6
108+50.0	0.0	0.0	1471.1	0.0	0.0	0.0	0.0	0.0	1376.0	0.0	0.0	0.0	622.9	13514.5	0.0	0.0	0.0	0.0	0.0	-12891.6
108+75.0	0.0	0.0	1495.2	0.0	0.0	0.0	0.0	0.0	1373.3	0.0	0.0	0.0	622.9	15231.1	0.0	0.0	0.0	0.0	0.0	-14608.2
108+93.2	0.0	0.0	1544.5	0.0	0.0	0.0	0.0	0.0	1025.1	0.0	0.0	0.0	622.9	16512.4	0.0	0.0	0.0	0.0	0.0	-15889.5
109+00.0	0.0	0.0	1515.2	0.0	0.0	0.0	0.0	0.0	384.7	0.0	0.0	0.0	622.9	16993.3	0.0	0.0	0.0	0.0	0.0	-16370.4
109+25.0	0.0	0.0	1449.2	0.0	0.0	0.0	0.0	0.0	1372.4	0.0	0.0	0.0	622.9	18708.8	0.0	0.0	0.0	0.0	0.0	-18085.9
109+26.7	0.0	0.0	1442.5	0.0	0.0	0.0	0.0	0.0	91.0	0.0	0.0	0.0	622.9	18822.6	0.0	0.0	0.0	0.0	0.0	-18199.7
109+50.0	0.0	0.0	1243.0	0.0	0.0	0.0	0.0	0.0	1158.7	0.0	0.0	0.0	622.9	20271.0	0.0	0.0	0.0	0.0	0.0	-19648.2
109+65.0	0.0	0.0	941.9	0.0	0.0	0.0	0.0	0.0	606.9	0.0	0.0	0.0	622.9	21029.7	0.0	0.0	0.0	0.0	0.0	-20406.8
109+75.0	0.0	0.0	560.8	0.0	0.0	0.0	0.0	0.0	278.3	0.0	0.0	0.0	622.9	21377.5	0.0	0.0	0.0	0.0	0.0	-20754.6
109+83.4	0.0	0.0	141.3	0.0	0.0	0.0	0.0	0.0	109.3	0.0	0.0	0.0	622.9	21514.2	0.0	0.0	0.0	0.0	0.0	-20891.3
					Column Totals		691.3	68.4	17211.4	0.0	0.0	0.0								
110+85.0	85.8	5.2	0.0	0.0	0.0	0.0														
111+00.0	18.4	5.2	0.0	0.0	0.0	0.0	28.9	2.9	0.0	0.0	0.0	0.0	26.1	0.0	0.0	0.0	0.0	0.0	0.0	26.1
111+25.0	10.6	5.2	0.0	0.0	0.0	0.0	13.4	4.8	0.0	0.0	0.0	0.0	34.7	0.0	0.0	0.0	0.0	0.0	0.0	34.7
111+43.0	10.5	5.2	0.0	0.0	0.0	0.0	7.0	3.5	0.0	0.0	0.0	0.0	38.2	0.0	0.0	0.0	0.0	0.0	0.0	38.2
					Column Totals		49.4	11.2	0.0	0.0	0.0	0.0								

DIVISION 25 Evergreen/Walden

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	PAV'T MATERIAL Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
68+00.0	25.0	6.0	0.0	0.0	0.0	0.0														
68+50.0	27.0	6.0	0.0	0.0	0.0	0.0	48.1	11.1	0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0
69+00.0	73.7	6.0	0.0	0.0	0.0	0.0	93.2	11.1	0.0	0.0	0.0	0.0	119.2	0.0	0.0	0.0	0.0	0.0	0.0	119.2
69+25.0	117.9	6.0	0.0	0.0	0.0	0.0	88.7	5.6	0.0	0.0	0.0	0.0	202.3	0.0	0.0	0.0	0.0	0.0	0.0	202.3
69+50.0	117.2	6.0	0.0	0.0	0.0	0.0	108.8	5.6	0.0	0.0	0.0	0.0	305.6	0.0	0.0	0.0	0.0	0.0	0.0	305.6
					Column Totals		338.9	33.3	0.0	0.0	0.0	0.0								
70+75.0	50.6	5.9	60.1	0.0	0.0	0.0														
71+00.0	254.2	5.9	8.5	0.0	0.0	0.0	141.1	5.5	31.8	0.0	0.0	0.0	135.6	39.7	0.0	0.0	0.0	0.0	0.0	95.9
71+50.0	117.1	5.9	34.8	0.0	0.0	0.0	343.8	10.9	40.1	0.0	0.0	0.0	468.5	89.8	0.0	0.0	0.0	0.0	0.0	378.7
72+00.0	93.2	5.9	13.3	0.0	0.0	0.0	194.7	10.9	44.5	0.0	0.0	0.0	652.3	145.5	0.0	0.0	0.0	0.0	0.0	506.8
72+50.0	78.9	5.9	0.0	0.0	0.0	0.0	159.4	10.9	12.3	0.0	0.0	0.0	800.7	160.9	0.0	0.0	0.0	0.0	0.0	639.9
73+00.0	33.3	6.5	0.0	0.0	0.0	0.0	103.9	11.5	0.0	0.0	0.0	0.0	893.1	160.9	0.0	0.0	0.0	0.0	0.0	732.3
73+50.0	34.5	5.9	0.0	0.0	0.0	0.0	62.8	11.5	0.0	0.0	0.0	0.0	944.4	160.9	0.0	0.0	0.0	0.0	0.0	783.6
74+00.0	26.2	5.9	0.0	0.0	0.0	0.0	56.2	10.9	0.0	0.0	0.0	0.0	989.7	160.9	0.0	0.0	0.0	0.0	0.0	828.8
					Column Totals		1061.9	72.1	128.7	0.0	0.0	0.0								

DIVISION 26 Pine View

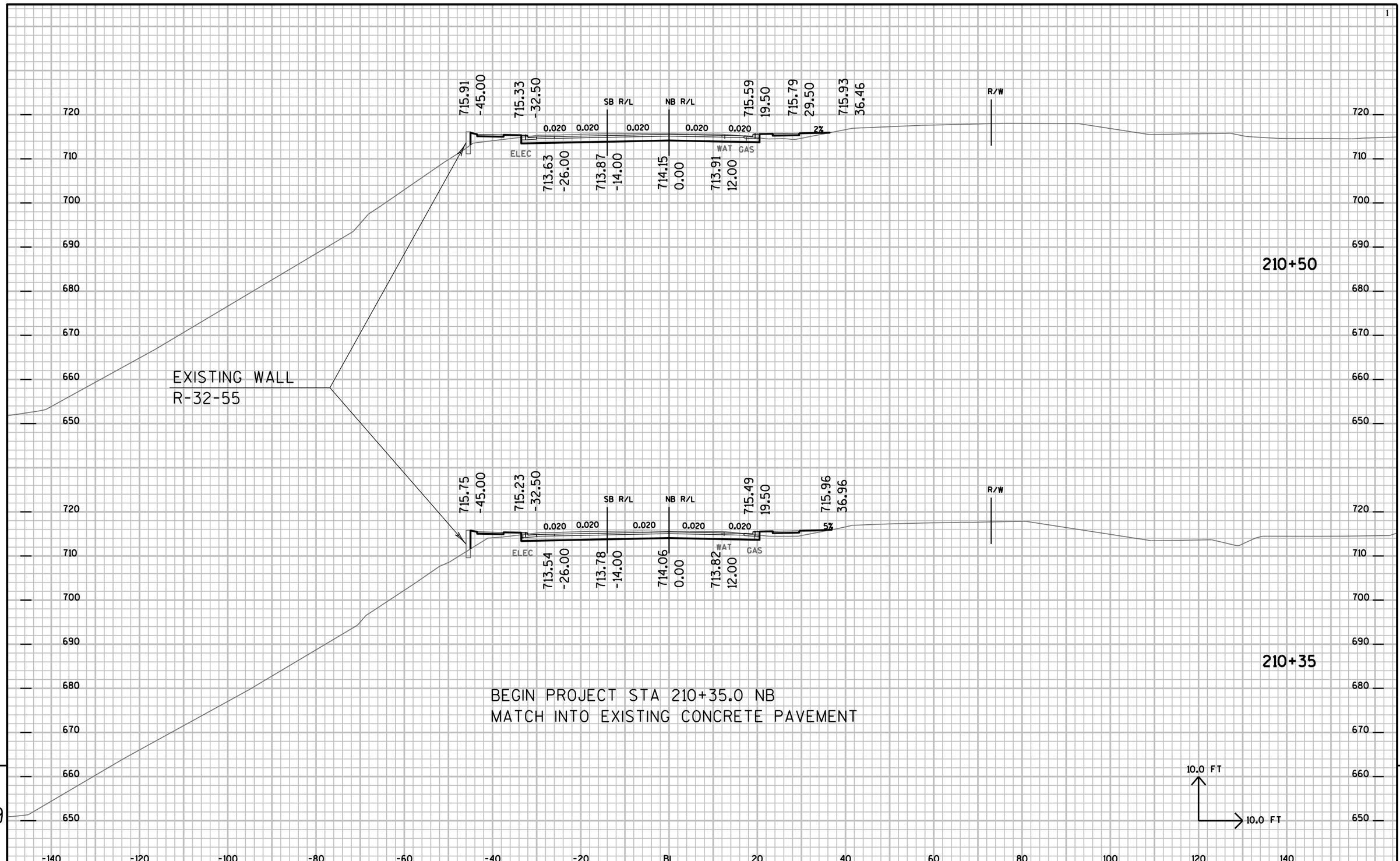
	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	PAV'T MATERIAL Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
200+75.0	20.9	3.3	0.0	0.0	0.0	0.0														
201+00.0	17.9	3.3	0.4	0.0	0.0	0.0	18.0	3.1	0.2	0.0	0.0	0.0	14.9	0.2	0.0	0.0	0.0	0.0	0.0	14.7
201+25.0	11.3	3.3	1.0	0.0	0.0	0.0	13.5	3.1	0.6	0.0	0.0	0.0	25.4	1.0	0.0	0.0	0.0	0.0	0.0	24.3
201+35.0	10.9	3.3	0.0	0.0	0.0	0.0	4.1	1.2	0.2	0.0	0.0	0.0	28.3	1.3	0.0	0.0	0.0	0.0	0.0	27.0
201+50.0	3.8	3.3	2.2	0.0	0.0	0.0	4.1	1.8	0.6	0.0	0.0	0.0	30.5	2.0	0.0	0.0	0.0	0.0	0.0	28.5
201+75.0	0.5	0.0	37.9	0.0	0.0	0.0	2.0	1.5	18.6	0.0	0.0	0.0	31.0	25.2	0.0	0.0	0.0	0.0	0.0	5.7
201+90.0	0.5	0.0	85.0	0.0	0.0	0.0	0.3	0.0	34.1	0.0	0.0	0.0	31.3	67.9	0.0	0.0	0.0	0.0	0.0	-36.7
202+00.0	0.2	0.0	110.2	0.0	0.0	0.0	0.1	0.0	36.1	0.0	0.0	0.0	31.4	113.1	0.0	0.0	0.0	0.0	0.0	-81.7
202+25.0	0.1	0.0	180.3	0.0	0.0	0.0	0.1	0.0	134.5	0.0	0.0	0.0	31.5	281.2	0.0	0.0	0.0	0.0	0.0	-249.7
					Column Totals		42.2	10.7	225.0	0.0	0.0	0.0								

DIVISION 27 Cul-de-Sac

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	PAV'T MATERIAL Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
35+33.0	4.4	3.3	1.1	0.0	0.0	0.0														
35+50.0	14.4	3.3	0.0	0.0	0.0	0.0	5.9	2.1	0.3	0.0	0.0	0.0	3.8	0.4	0.0	0.0	0.0	0.0	0.0	3.4
36+00.0	23.3	3.3	0.0	0.0	0.0	0.0	34.9	6.1	0.0	0.0	0.0	0.0	32.6	0.4	0.0	0.0	0.0	0.0	0.0	32.2
36+50.0	20.1	3.3	11.9	0.0	0.0	0.0	40.2	6.1	11.0	0.0	0.0	0.0	66.7	14.2	0.0	0.0	0.0	0.0	0.0	52.5
37+00.0	69.5	3.3	3.2	0.0	0.0	0.0	83.0	6.1	14.0	0.0	0.0	0.0	143.6	31.7	0.0	0.0	0.0	0.0	0.0	111.9
37+20.0	105.1	6.1	0.6	0.0	0.0	0.0	64.7	3.5	1.4	0.0	0.0	0.0	204.7	33.4	0.0	0.0	0.0	0.0	0.0	171.3
37+25.0	106.0	4.8	0.5	0.0	0.0	0.0	19.5	1.0	0.1	0.0	0.0	0.0	223.3	33.6	0.0	0.0	0.0	0.0	0.0	189.7
37+50.0	2.3	0.0	30.2	0.0	0.0	0.0	50.1	2.2	14.2	0.0	0.0	0.0	271.2	51.3	0.0	0.0	0.0	0.0	0.0	219.9
37+75.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	14.0	0.0	0.0	0.0	272.3	68.8	0.0	0.0	0.0	0.0	0.0	203.5
					Column Totals		299.4	27.1	55.1	0.0	0.0	0.0								

DIVISION 28 CTH OT (North) turn bay

	AREA (SF)						INCREMENTAL VOL. (CY) (Unadjusted)						CUMULATIVE VOL. (CY)							
		SALVAVAGED/ UNUSABLE PAVEMENT		MARSH	ROCK			SALVAVAGED/ UNUSABLE		MARSH	ROCK		CUT	EXPANDED	EXPANDED MARSH BACKFILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED MARCH IN FILL	REDUCED EBS IN FILL	MASS
STATION	CUT	MATERIAL	FILL	EXC	EXC	EBS	CUT Note 1	PAV'T MATERIAL Note 2	FILL Note 3	EXC	EXC	EBS	1.00 Note 1	FILL 1.25	1.50 Note 4	1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	ORDINATE Note 8
393+29.6	16.4	1.7	0.0	0.0	0.0	0.0														
393+50.0	17.6	1.7	1.1	0.0	0.0	0.0	12.9	1.3	0.4	0.0	0.0	0.0	11.6	0.5	0.0	0.0	0.0	0.0	0.0	11.1
394+00.0	16.8	1.7	0.8	0.0	0.0	0.0	31.9	3.1	1.8	0.0	0.0	0.0	40.3	2.7	0.0	0.0	0.0	0.0	0.0	37.6
394+30.0	17.6	1.7	0.9	0.0	0.0	0.0	19.1	1.9	0.9	0.0	0.0	0.0	57.5	3.9	0.0	0.0	0.0	0.0	0.0	53.6
394+50.0	15.4	1.7	1.0	0.0	0.0	0.0	12.2	1.3	0.7	0.0	0.0	0.0	68.5	4.8	0.0	0.0	0.0	0.0	0.0	63.7
395+00.0	11.2	1.7	1.2	0.0	0.0	0.0	24.6	3.1	2.0	0.0	0.0	0.0	89.9	7.3	0.0	0.0	0.0	0.0	0.0	82.6
395+50.0	12.2	1.7	1.0	0.0	0.0	0.0	21.7	3.1	2.0	0.0	0.0	0.0	108.5	9.9	0.0	0.0	0.0	0.0	0.0	98.6
396+00.0	13.3	1.7	0.3	0.0	0.0	0.0	23.6	3.1	1.2	0.0	0.0	0.0	128.9	11.4	0.0	0.0	0.0	0.0	0.0	117.5
					Column Totals		145.9	17.0	9.1	0.0	0.0	0.0								

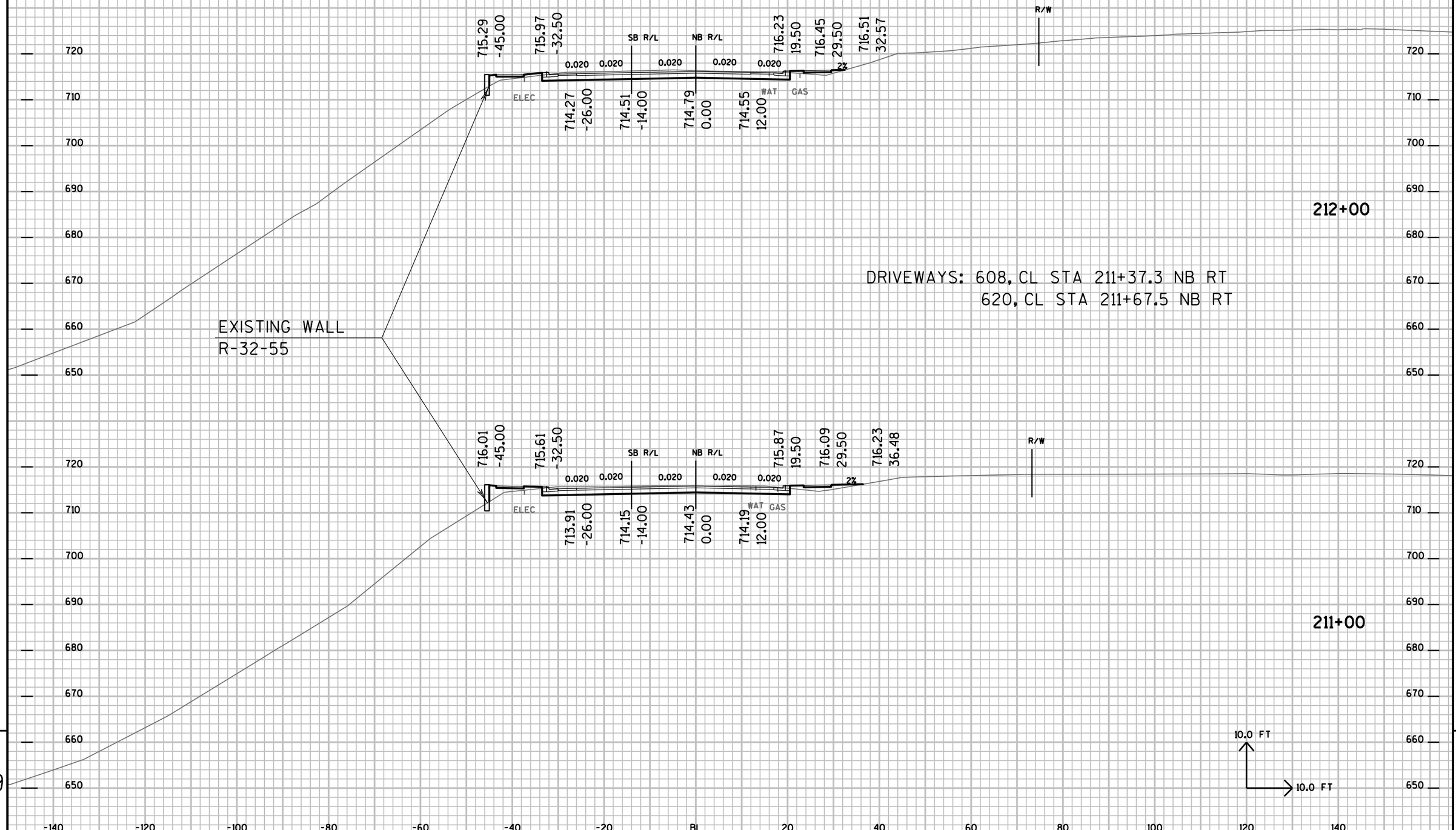


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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

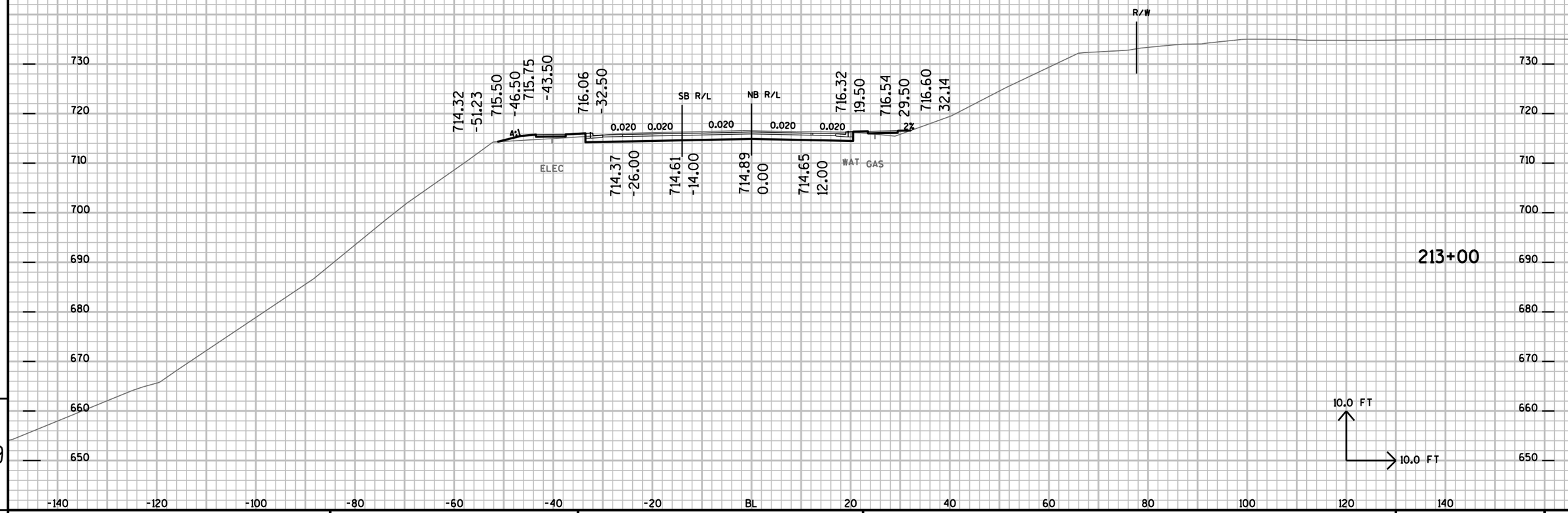


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

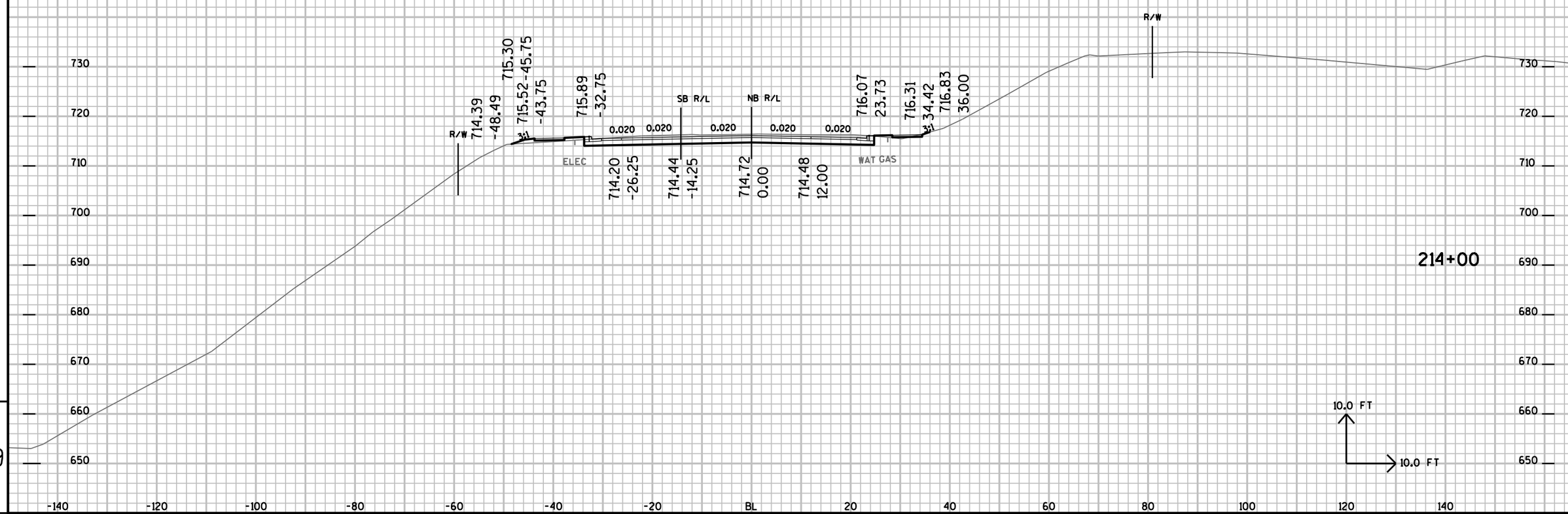


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

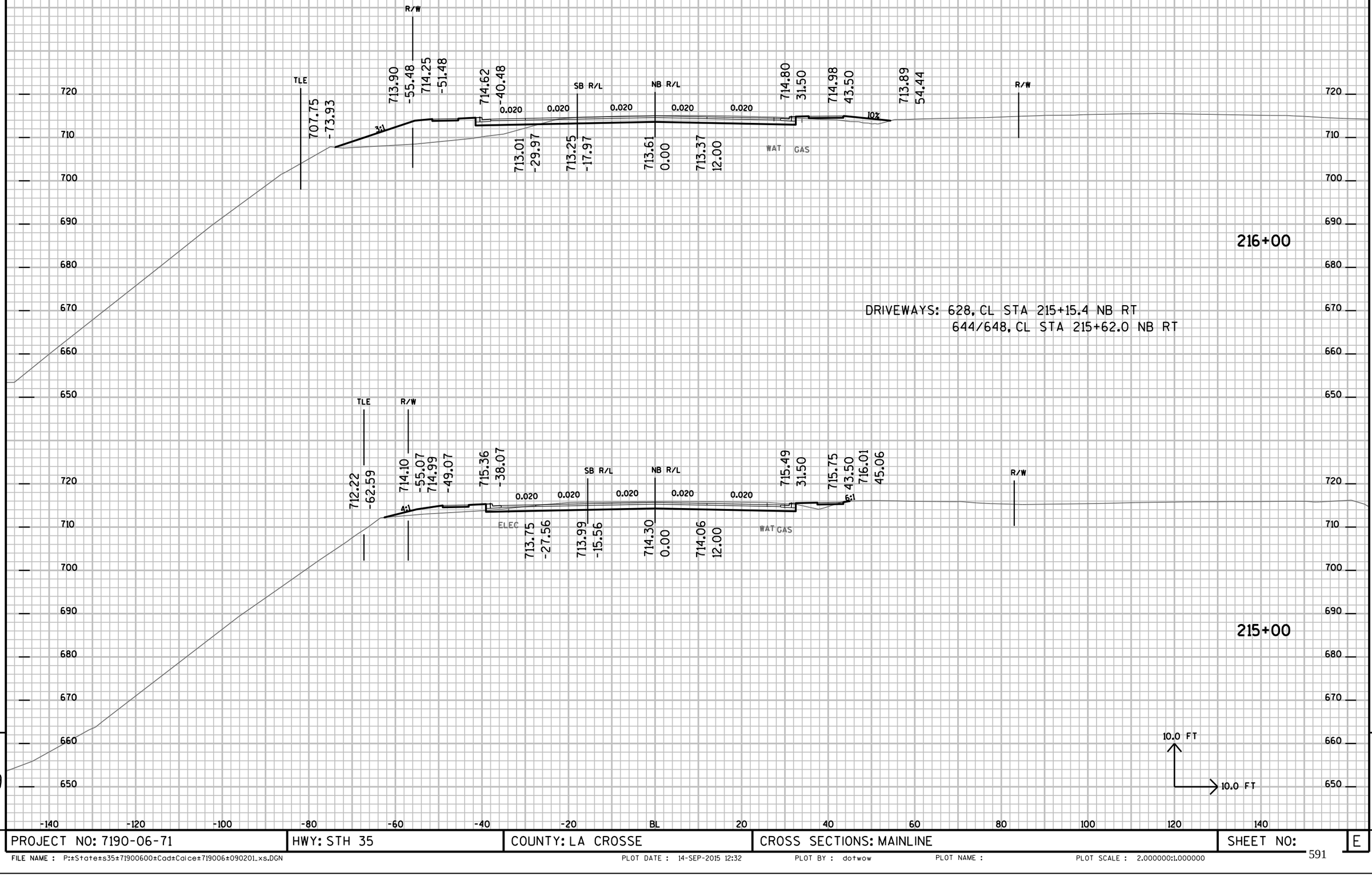


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

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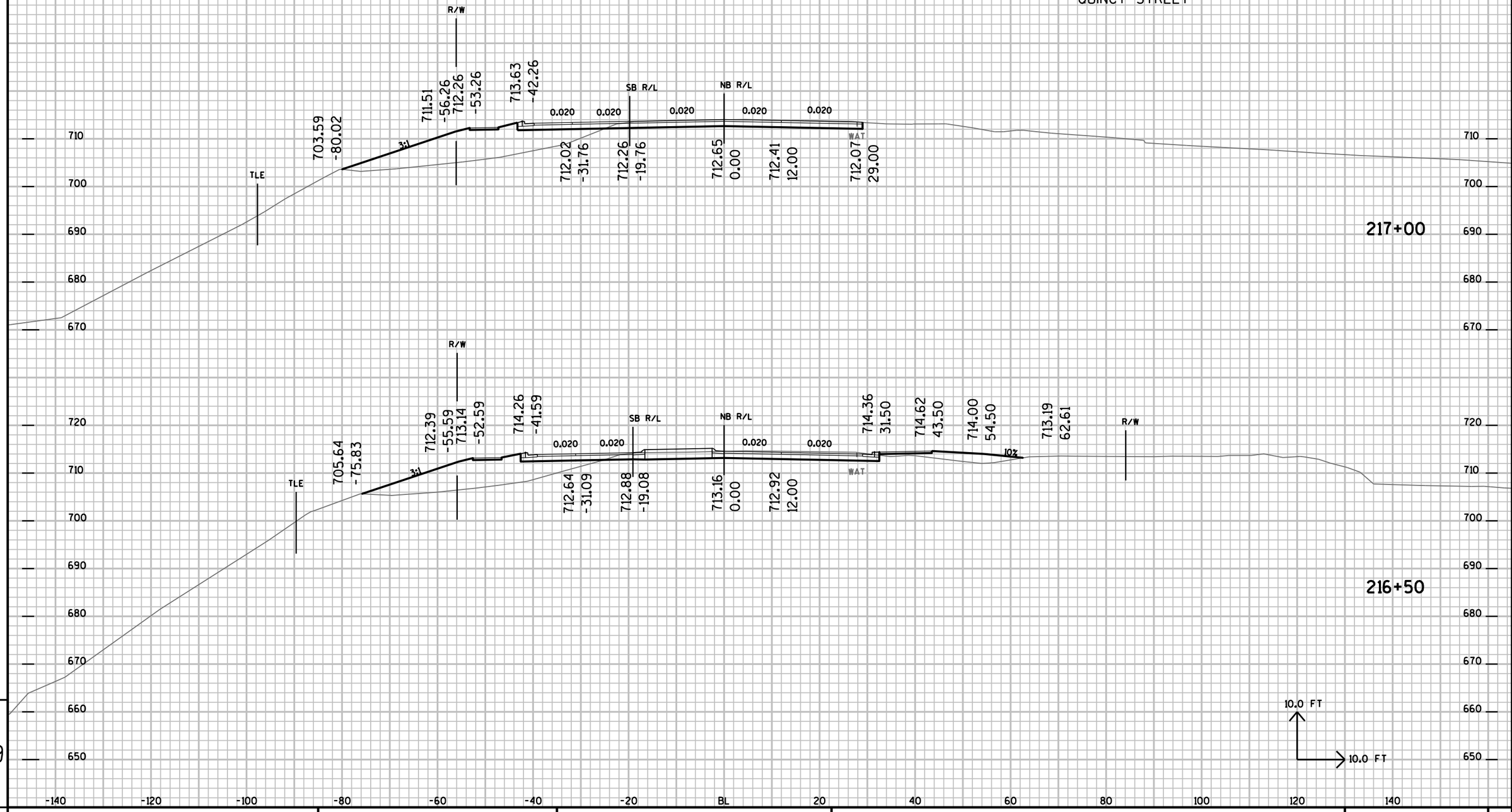
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

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QUINCY STREET

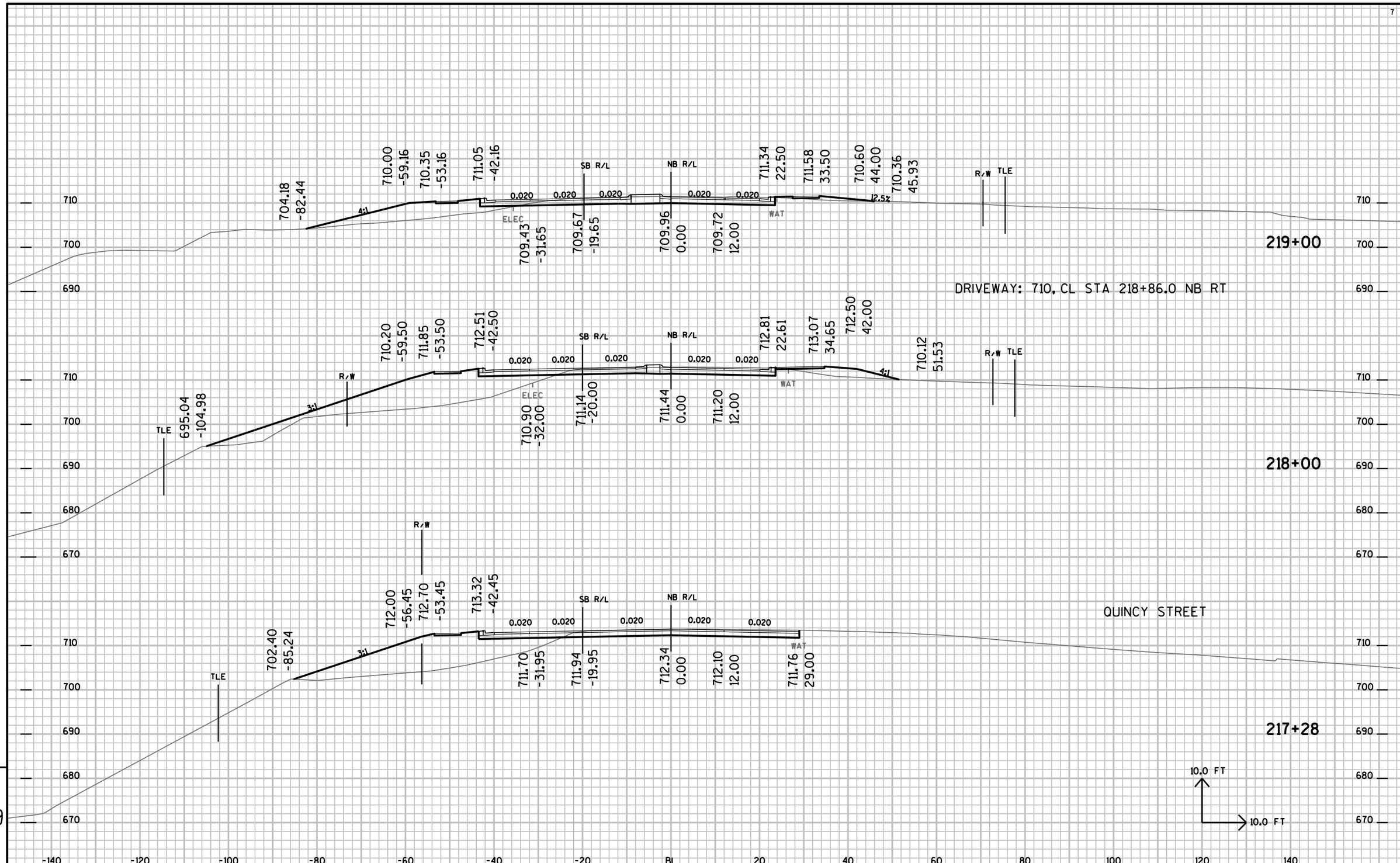


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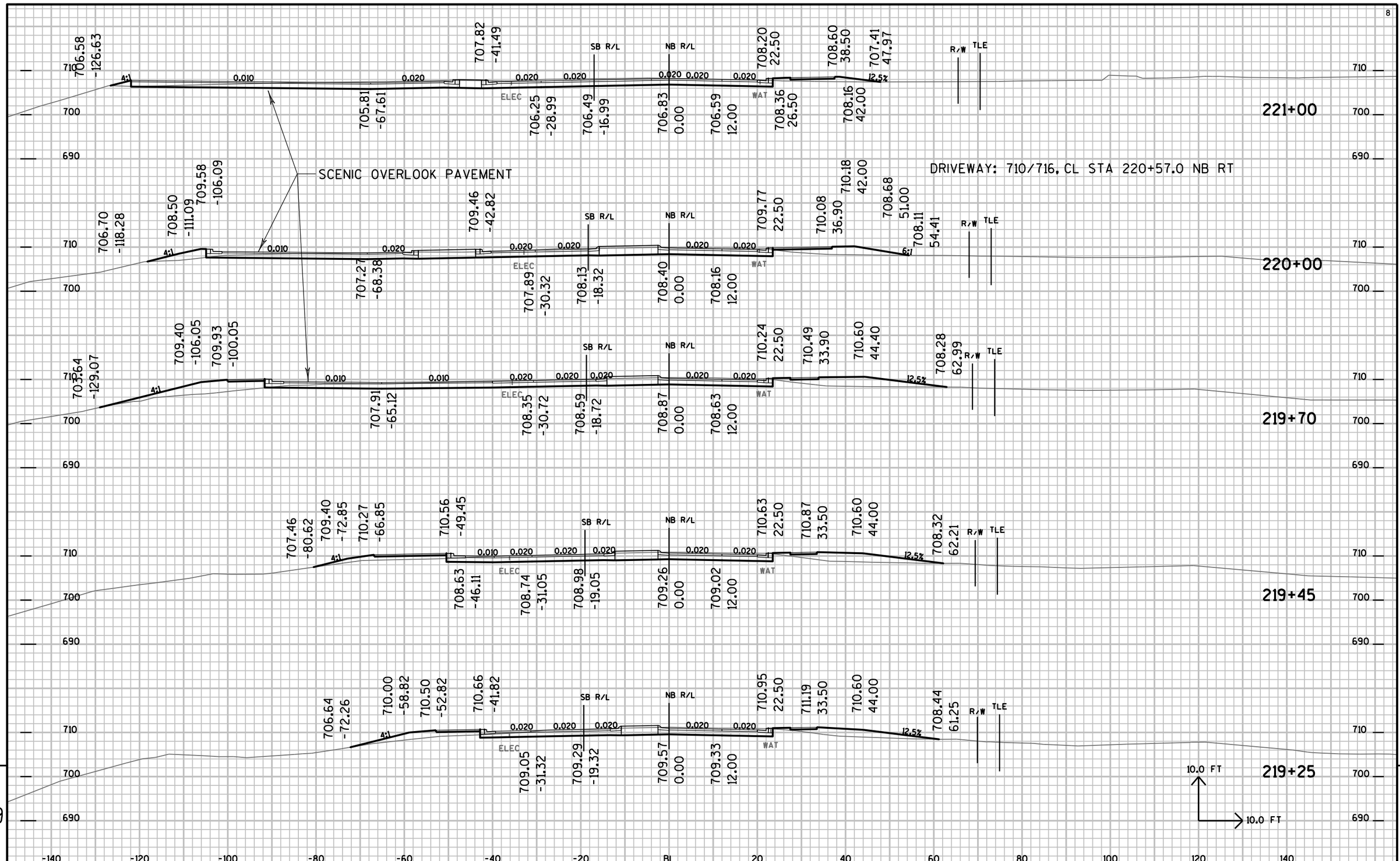
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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

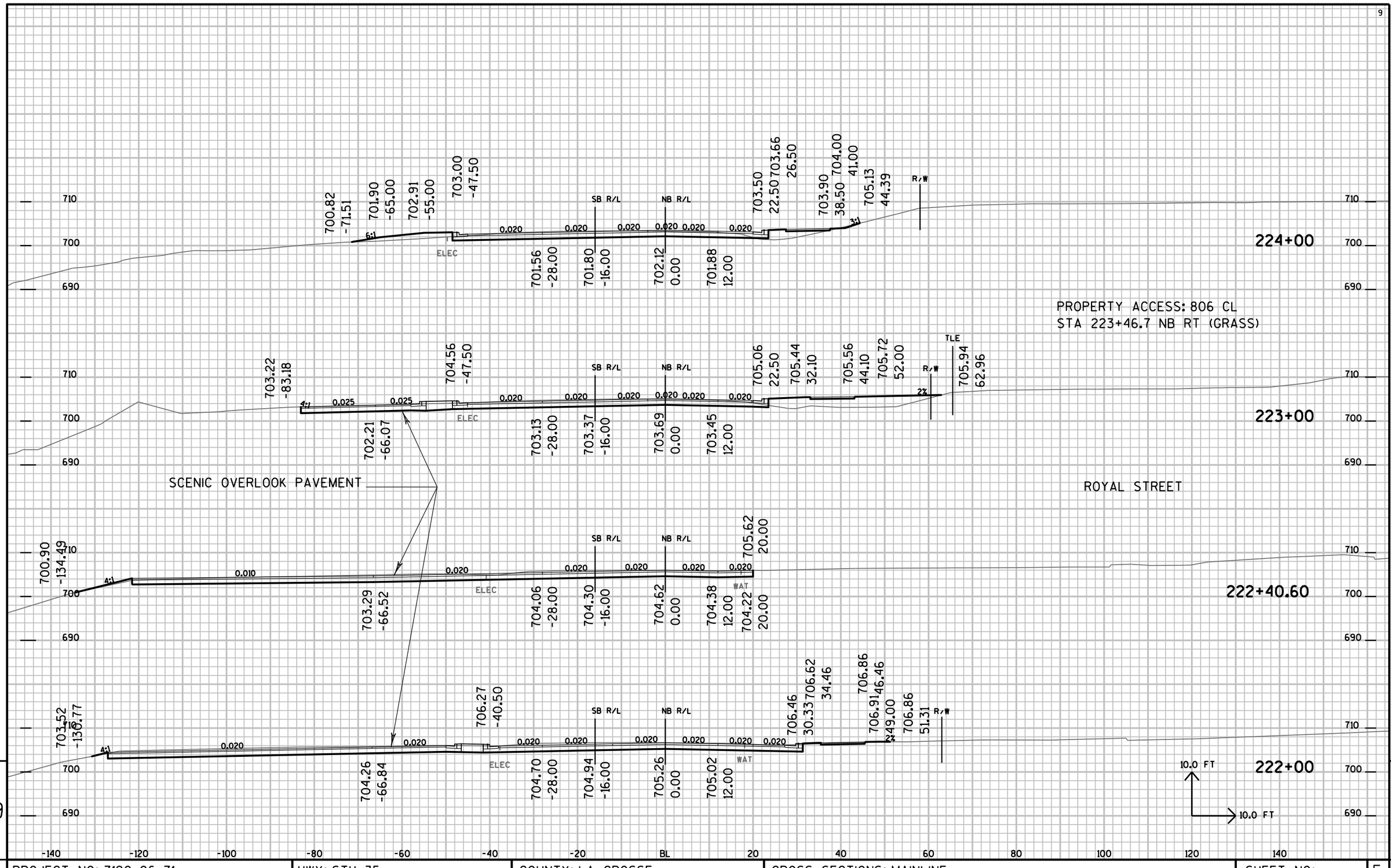


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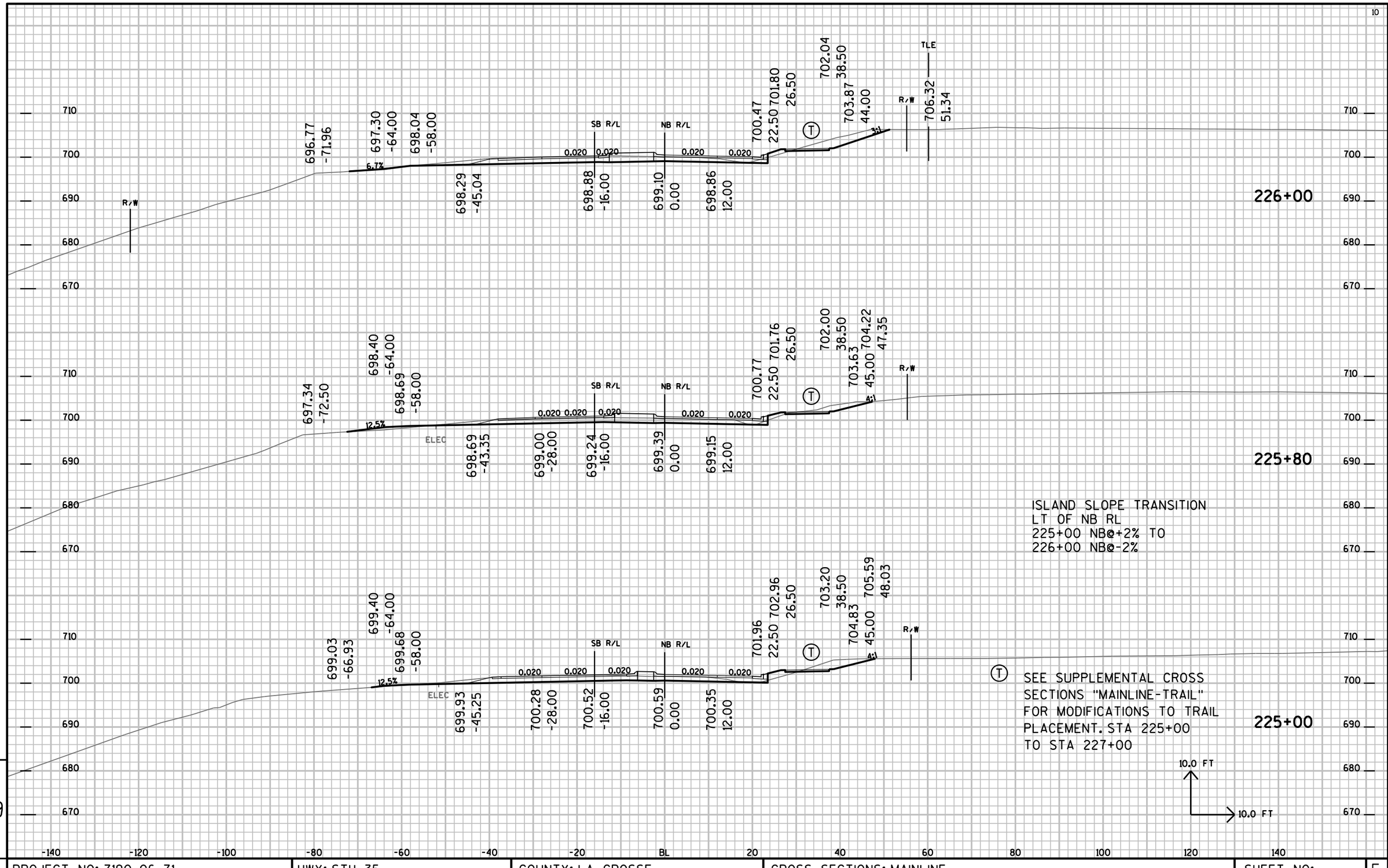
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



ISLAND SLOPE TRANSITION
LT OF NB RL
225+00 NB@+2% TO
226+00 NB@-2%

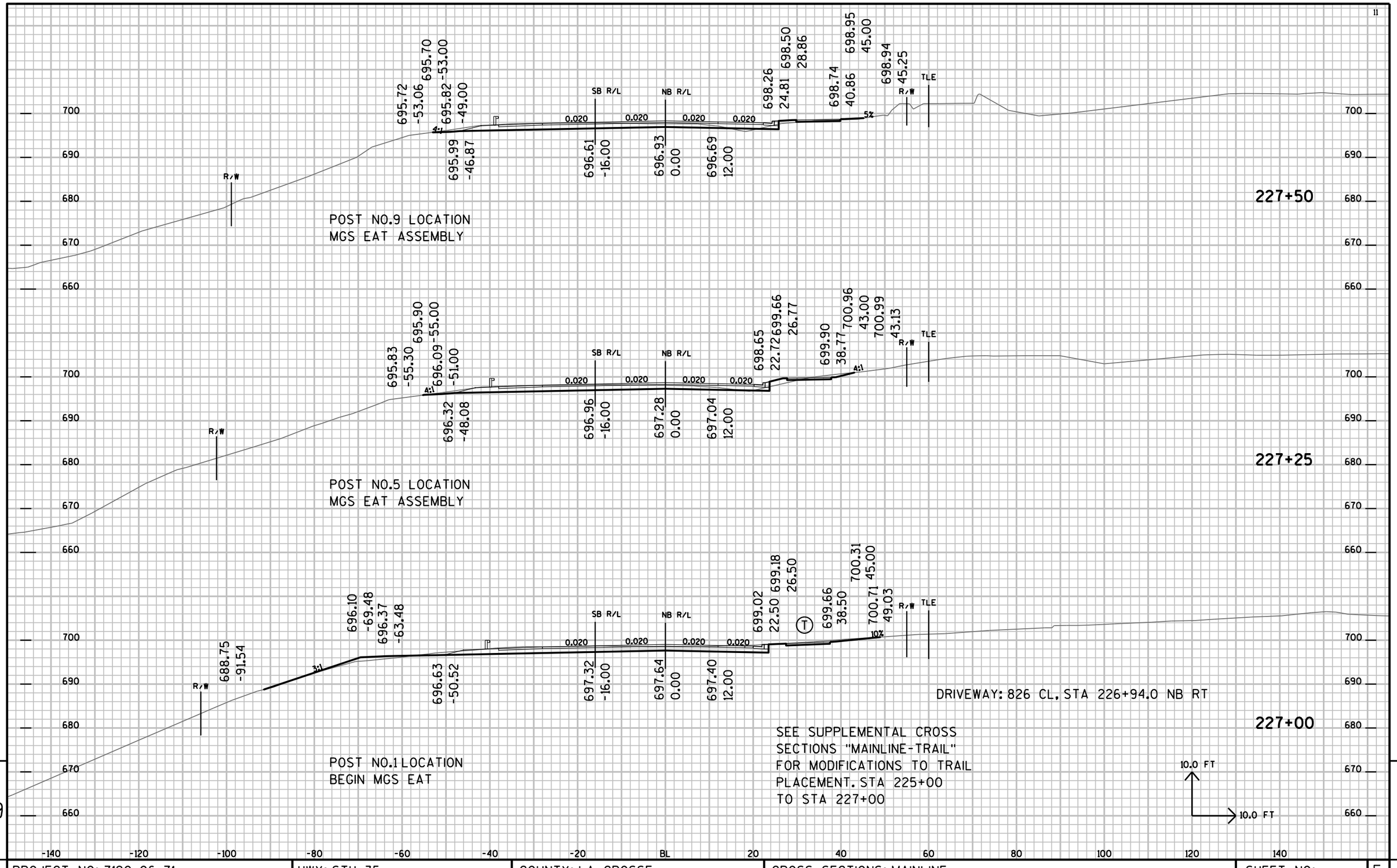
Ⓣ SEE SUPPLEMENTAL CROSS SECTIONS "MAINLINE-TRAIL" FOR MODIFICATIONS TO TRAIL PLACEMENT. STA 225+00 TO STA 227+00

10.0 FT
10.0 FT

9 9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



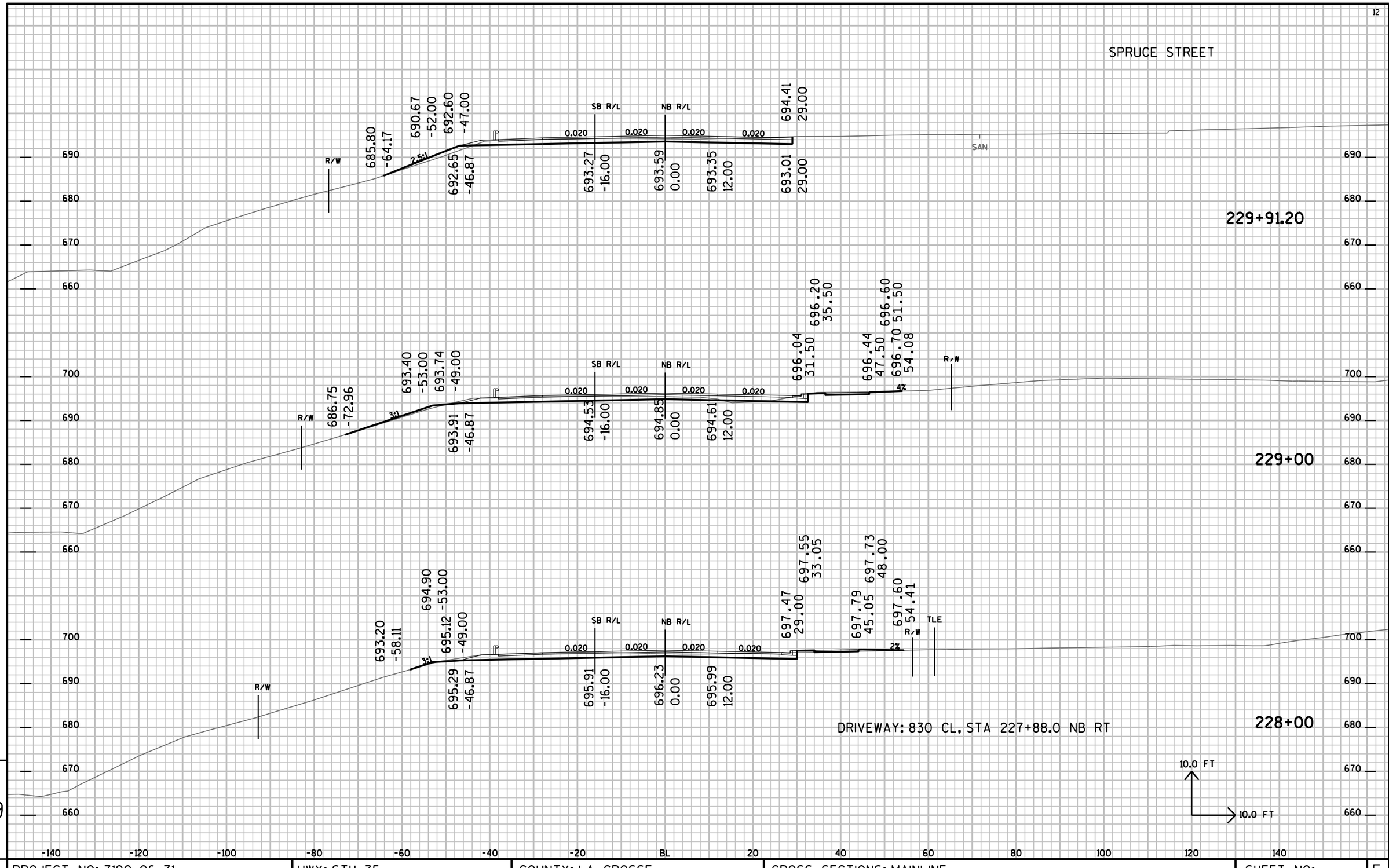
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

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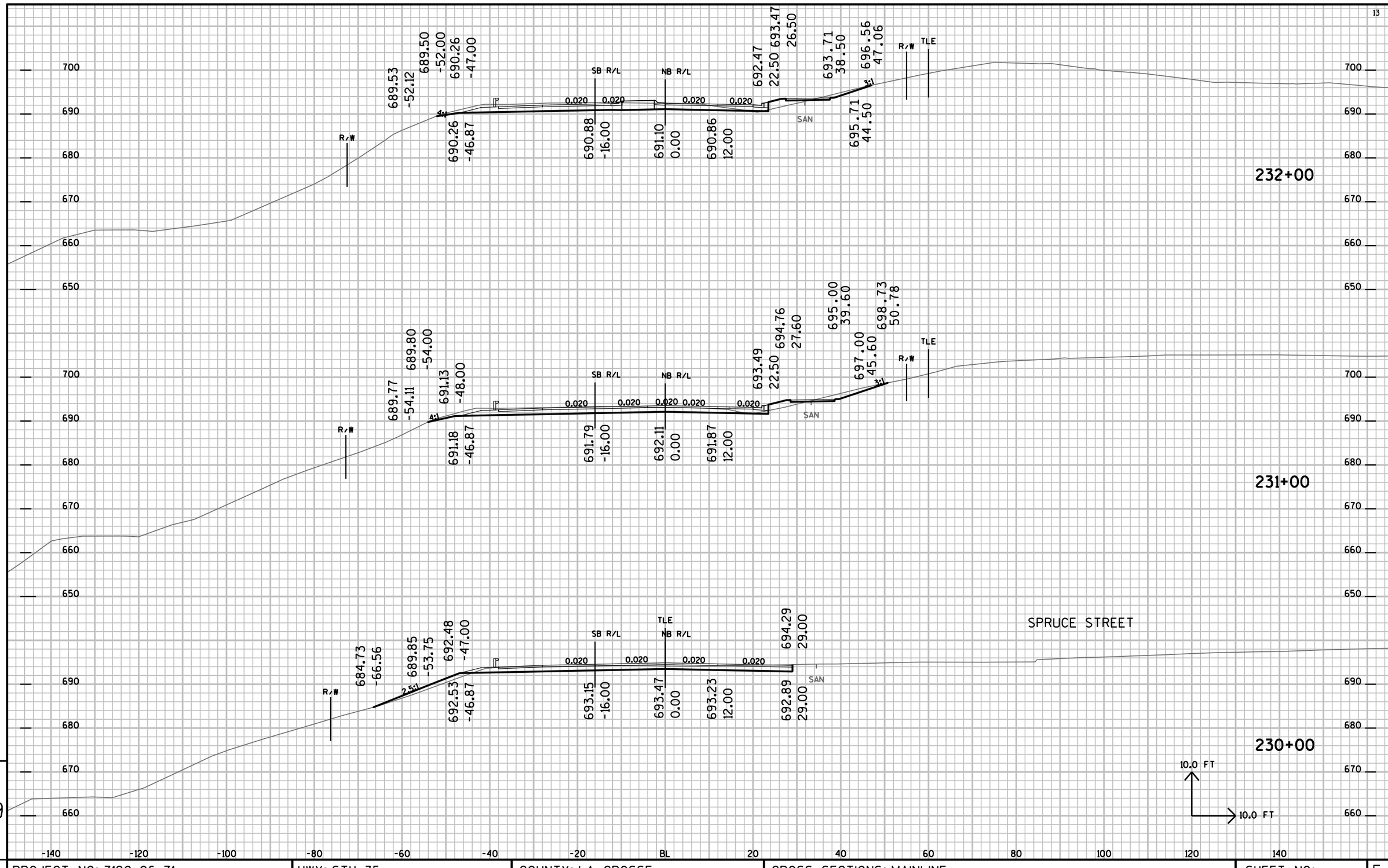
SPRUCE STREET



9 9

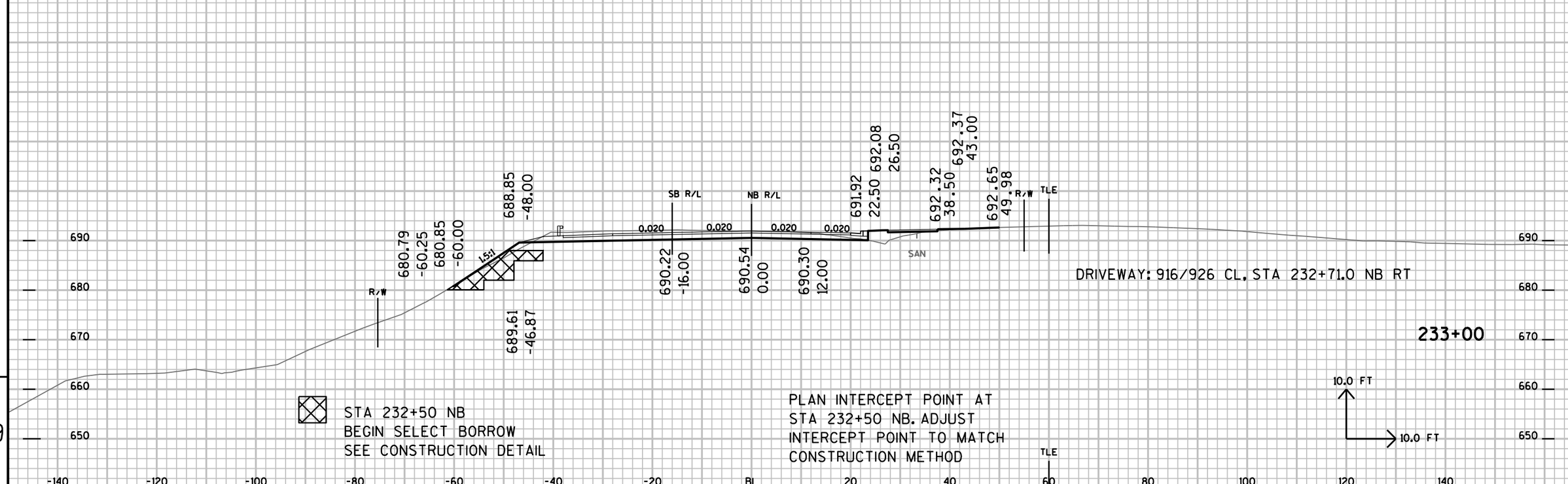
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FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090201_xs.DGN PLOT DATE : 14-SEP-2015 12:32 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

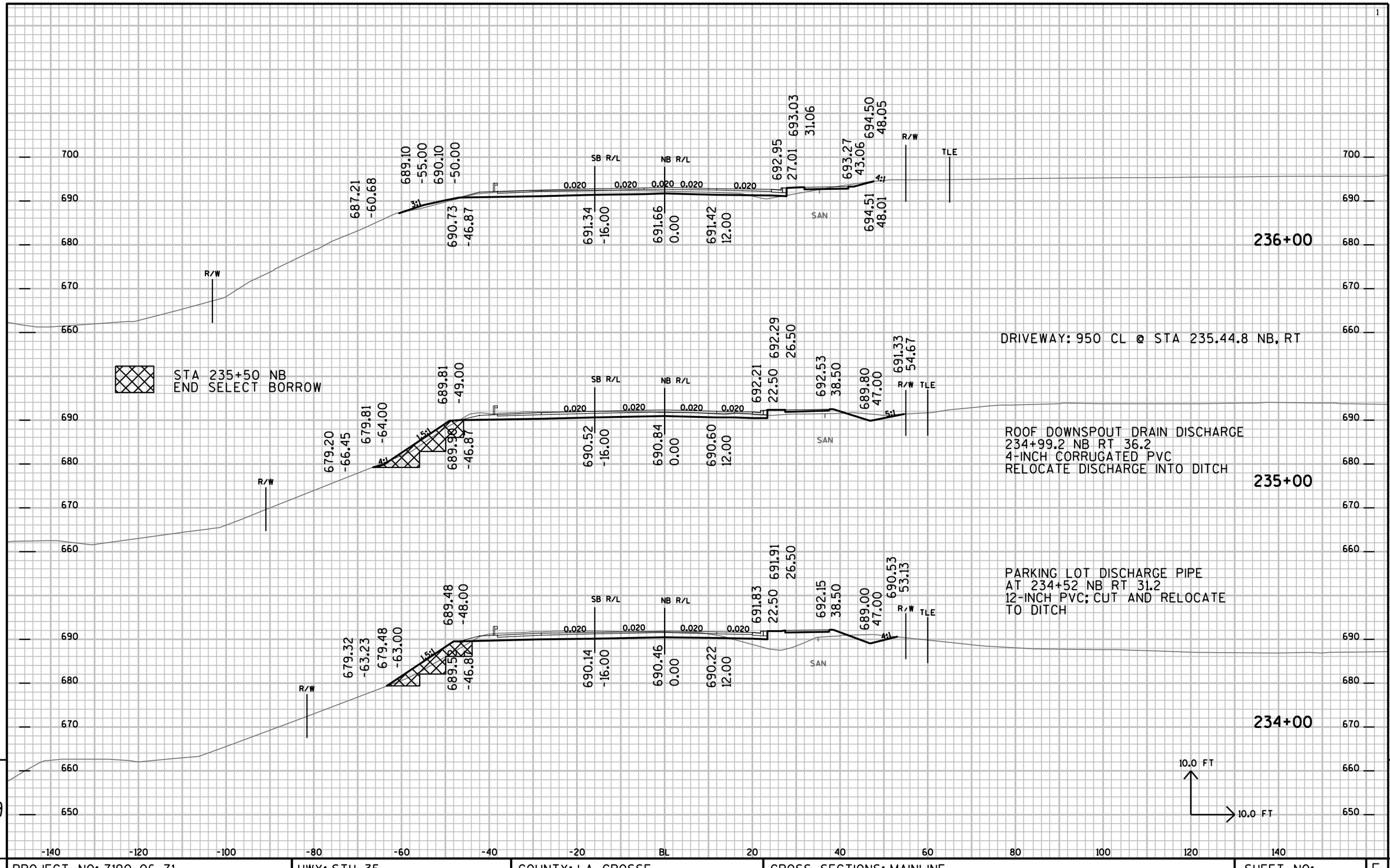


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

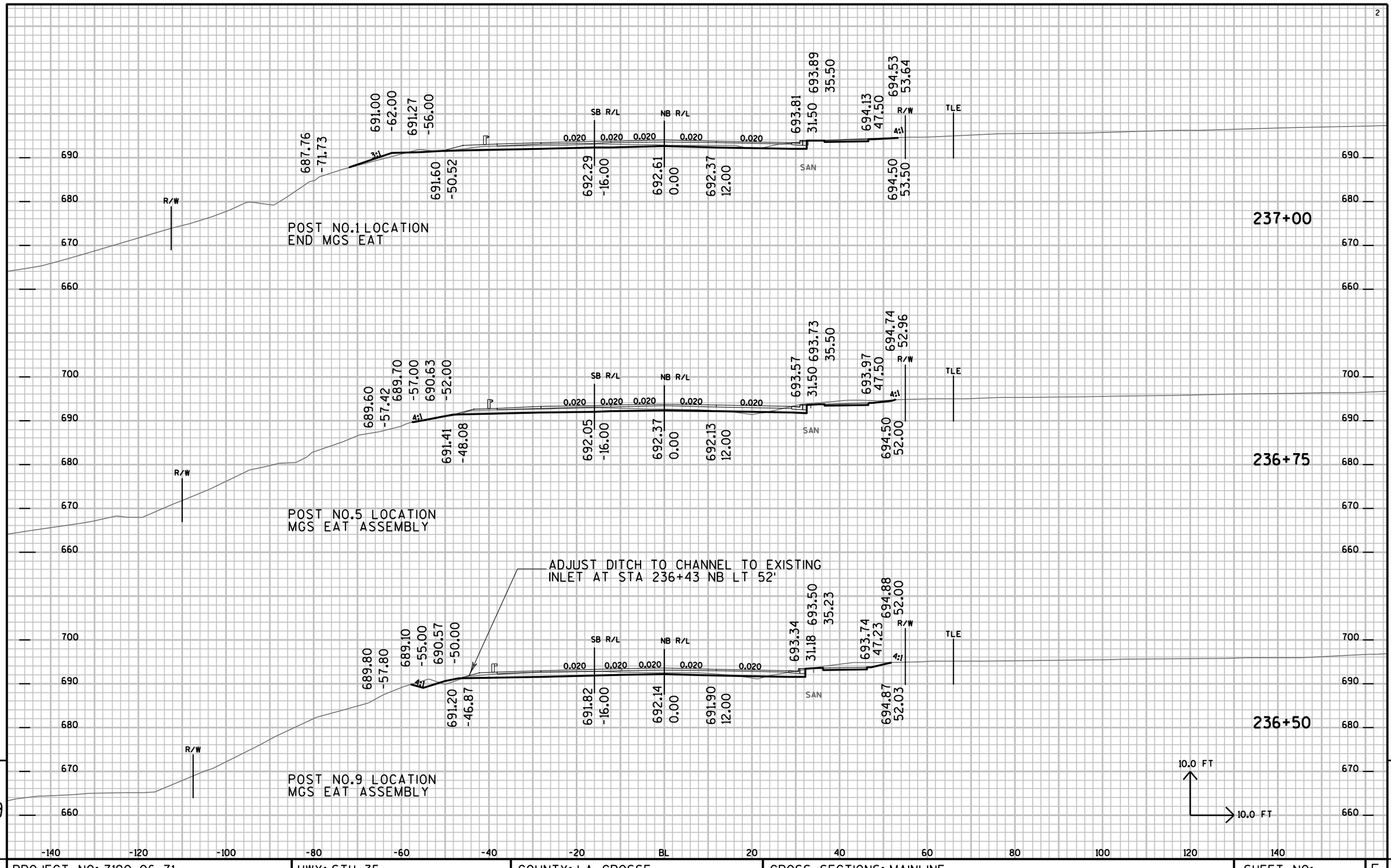
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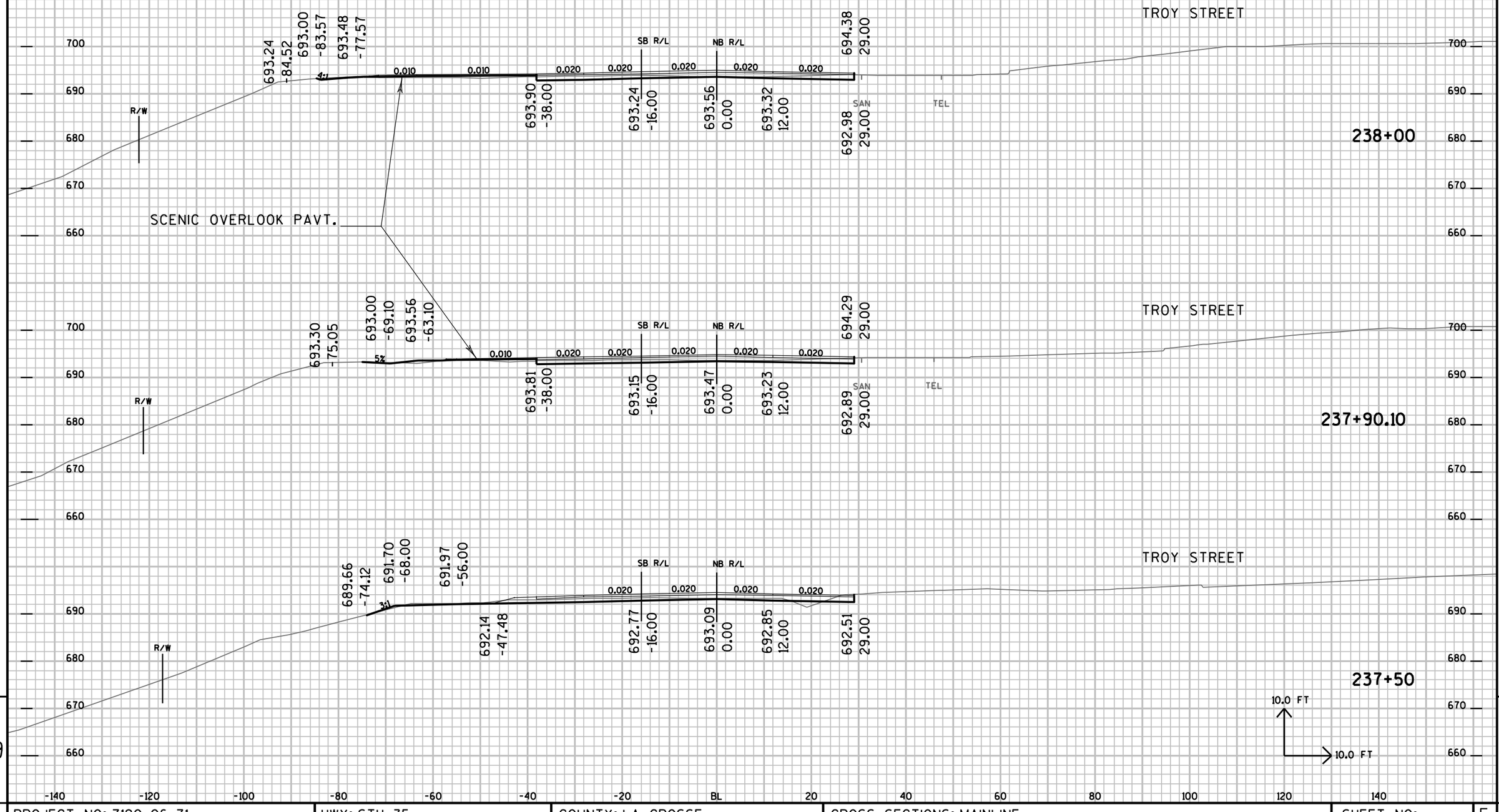
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

RAISED ISLAND FOR TURN BAY
NOT INDICATED SEE CONSTRUCTION DETAILS
FOR LAYOUT

SCENIC OVERLOOK PAVT.

240+00

DRIVEWAY:1004, CL @ STA 239+38.0 NB, RT

694.28 -104.31 | 695.01 -102.14 | 695.50 -55.30 | 696.20 -43.00 | SB R/L | NB R/L | 696.84 22.50 | 697.00 26.50 | 697.24 38.50 | 697.75 45.48 | R/W
694.70 -38.00 | 695.24 -16.00 | 695.46 0.00 | 695.22 12.00 | 697.50 44.50
0.010 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 3:1 | 4:1 | SAN | TEL

239+00

694.00 -106.50 | 693.98 -106.39 | 694.50 -56.99 | 695.25 -43.00 | SB R/L | NB R/L | 695.89 22.50 | 696.48 28.44 | 696.72 40.44 | 699.13 49.04 | R/W
693.75 -38.00 | 694.19 -16.00 | 694.51 0.00 | 694.27 12.00 | 698.00 44.50
0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 4:1 | SAN | TEL

238+50

692.11 -110.58 | 693.27 -107.10 | 693.80 -57.63 | 694.78 -43.00 | SB R/L | NB R/L | 695.41 22.51 | 696.51 33.44 | 696.75 45.44 | 699.27 54.59 | R/W | TLE
693.28 -38.00 | 693.72 -16.00 | 694.04 0.00 | 693.80 12.00 | 698.00 49.50
0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 4:1 | SAN | TEL

10.0 FT
10.0 FT

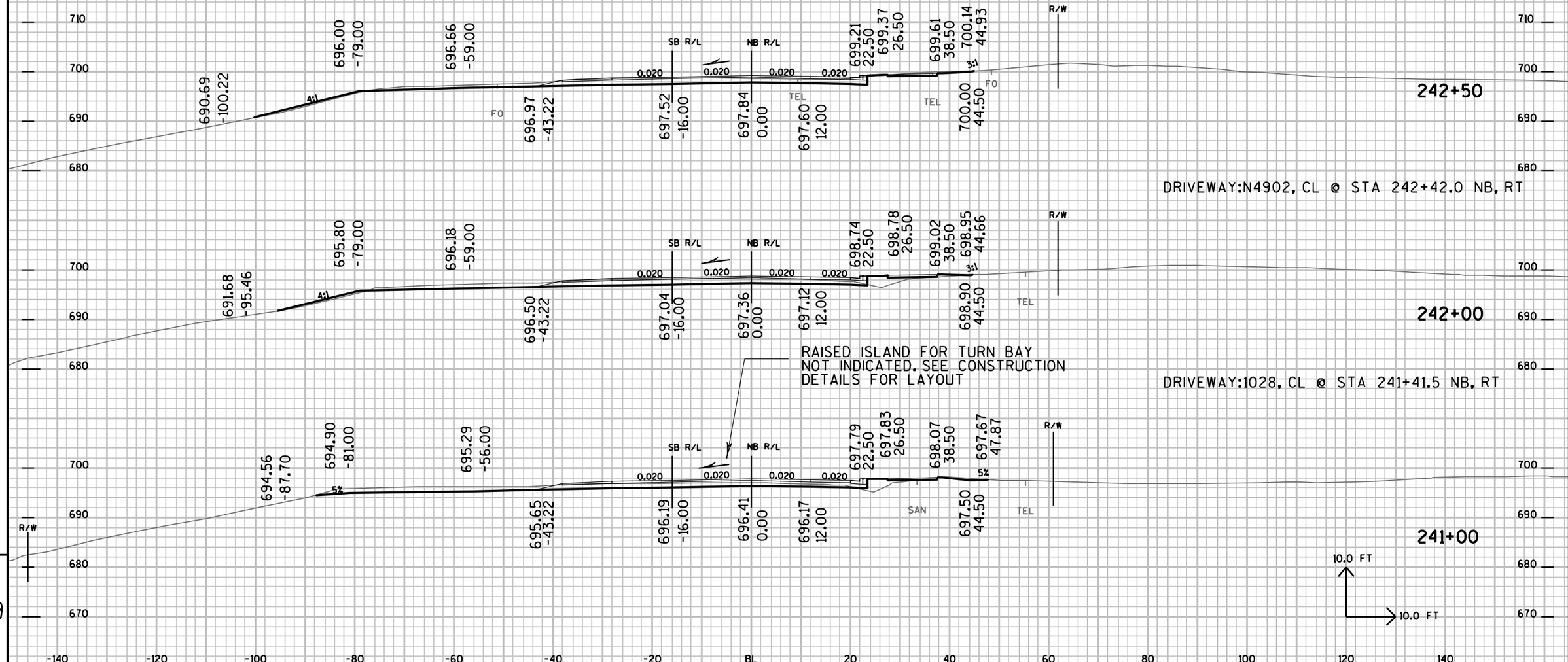
700 690 680 670 710

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

9 9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

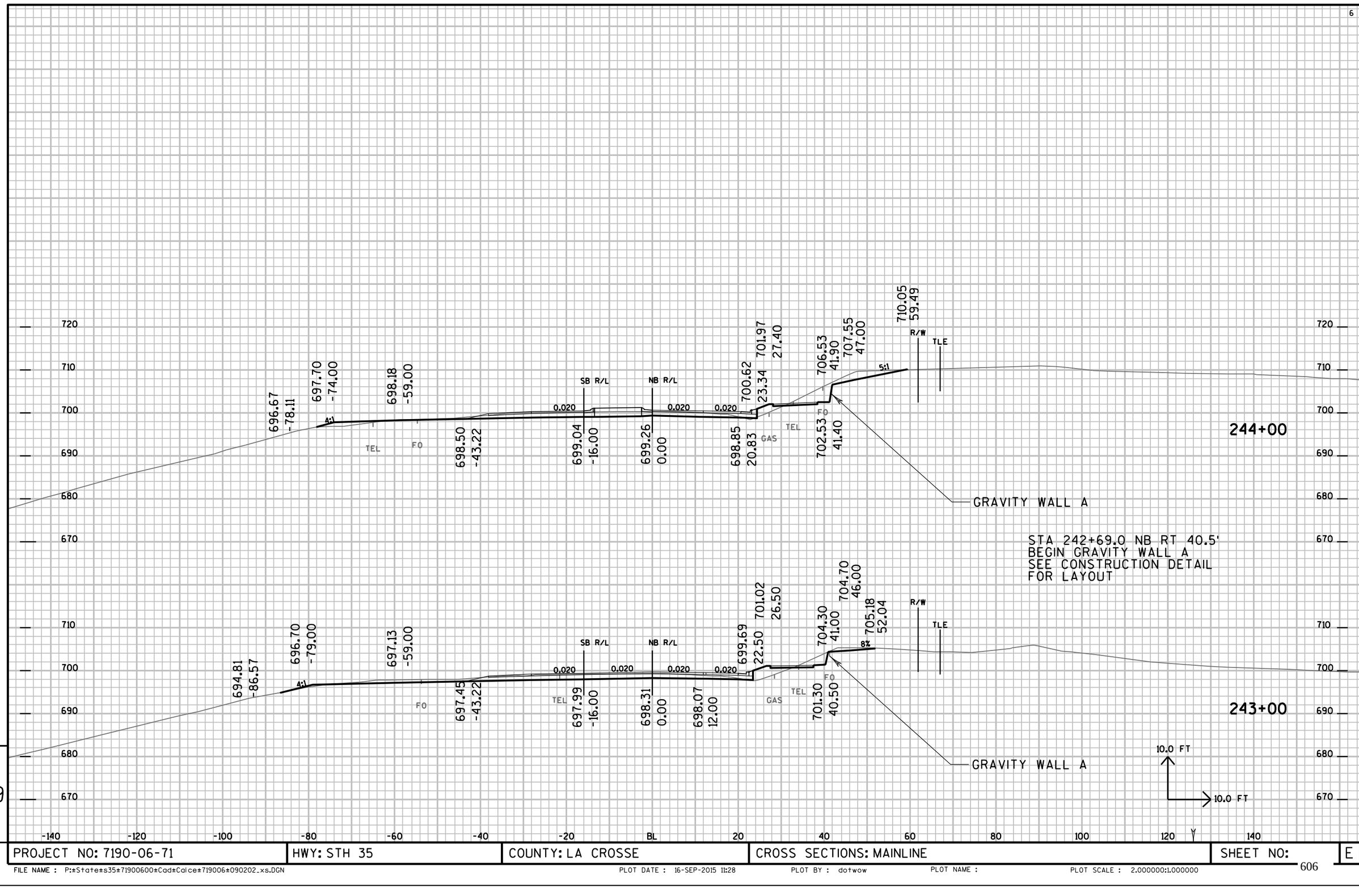
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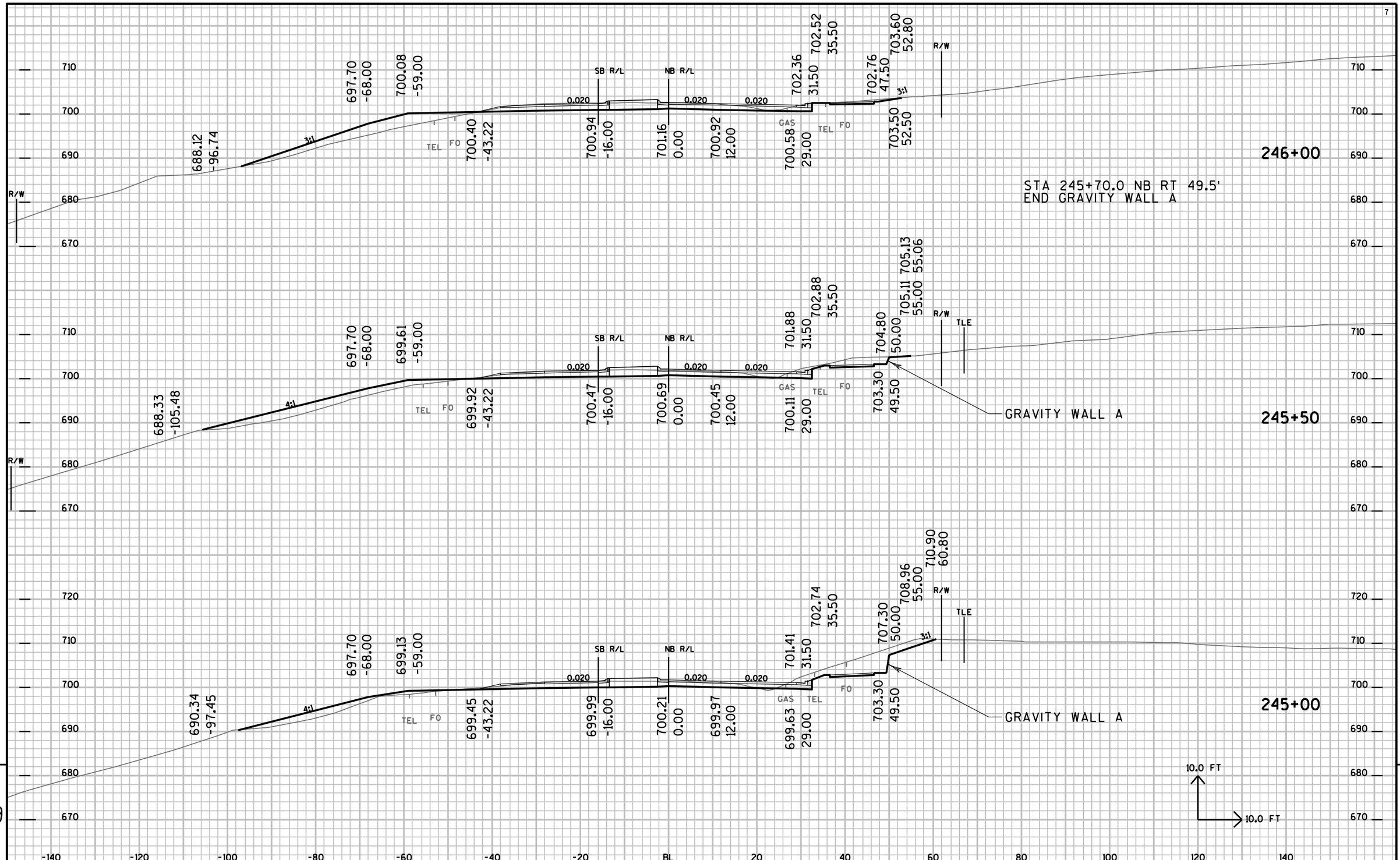
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SCHNICK ROAD

699.00 -68.00 | 701.02 -59.00 | SB R/L | NB R/L | 703.02 29.00

0.020 | 0.020 | 0.020 | 0.020

690.06 -94.80 | 3:1 | FO SS TEL | FO | 701.33 -43.22 | 701.88 -16.00 | 702.20 0.00 | GAS | TEL FO | 701.62 29.00

247+08.80

SCHNICK ROAD

699.00 -68.00 | 700.93 -59.00 | SB R/L | NB R/L | 702.93 29.00

0.020 | 0.020 | 0.020 | 0.020

689.58 -96.25 | 3:1 | FO SS TEL | FO | 701.25 -43.22 | 701.79 -16.00 | 702.11 0.00 | GAS | TEL FO | 701.53 29.00

247+00

SEE CONSTRUCTION DETAILS FOR RAISED ISLAND END POINT

698.00 -68.00 | 700.56 -59.00 | SB R/L | NB R/L | 702.83 32.04 | 702.97 35.50 | 703.21 47.50 | 703.33 53.10

0.020 | 0.020 | 0.020

686.83 -101.51 | 3:1 | TEL FO | 700.87 -43.22 | 701.42 -16.00 | 701.64 0.00 | 701.40 12.00 | GAS | TEL FO | 701.06 29.03 | 703.30 53.00

246+50

R/W

700 | 690 | 680 | 670 | 710

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

10.0 FT

10.0 FT

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

CHAIN LINK FENCE

GRAVITY WALL B

248+25

STA 248+12.0 NB RT 51'
BEGIN GRAVITY WALL B.
SEE CONSTRUCTION DETAIL
FOR LAYOUT

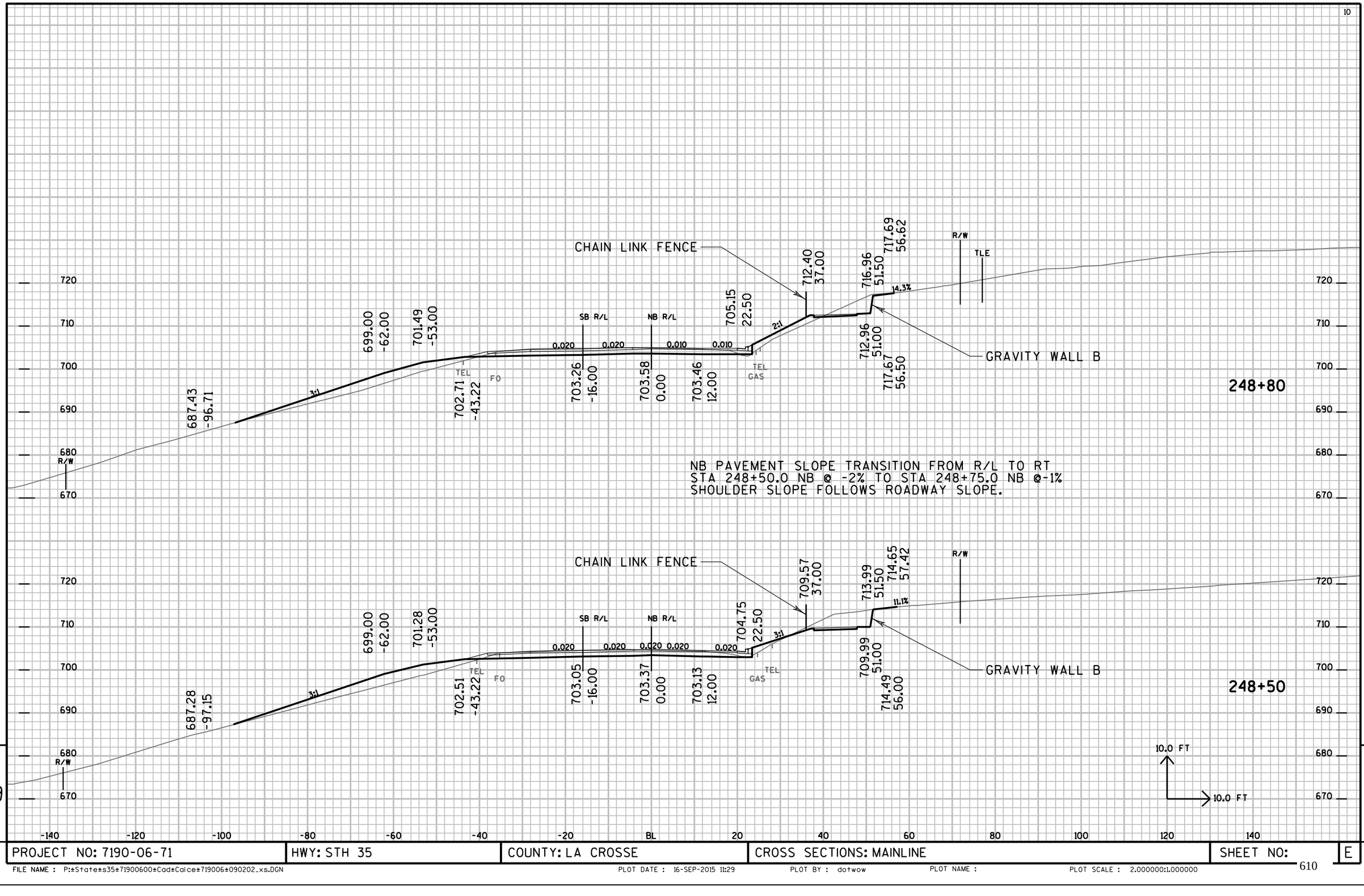
248+00

247+50

10.0 FT
10.0 FT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:28 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

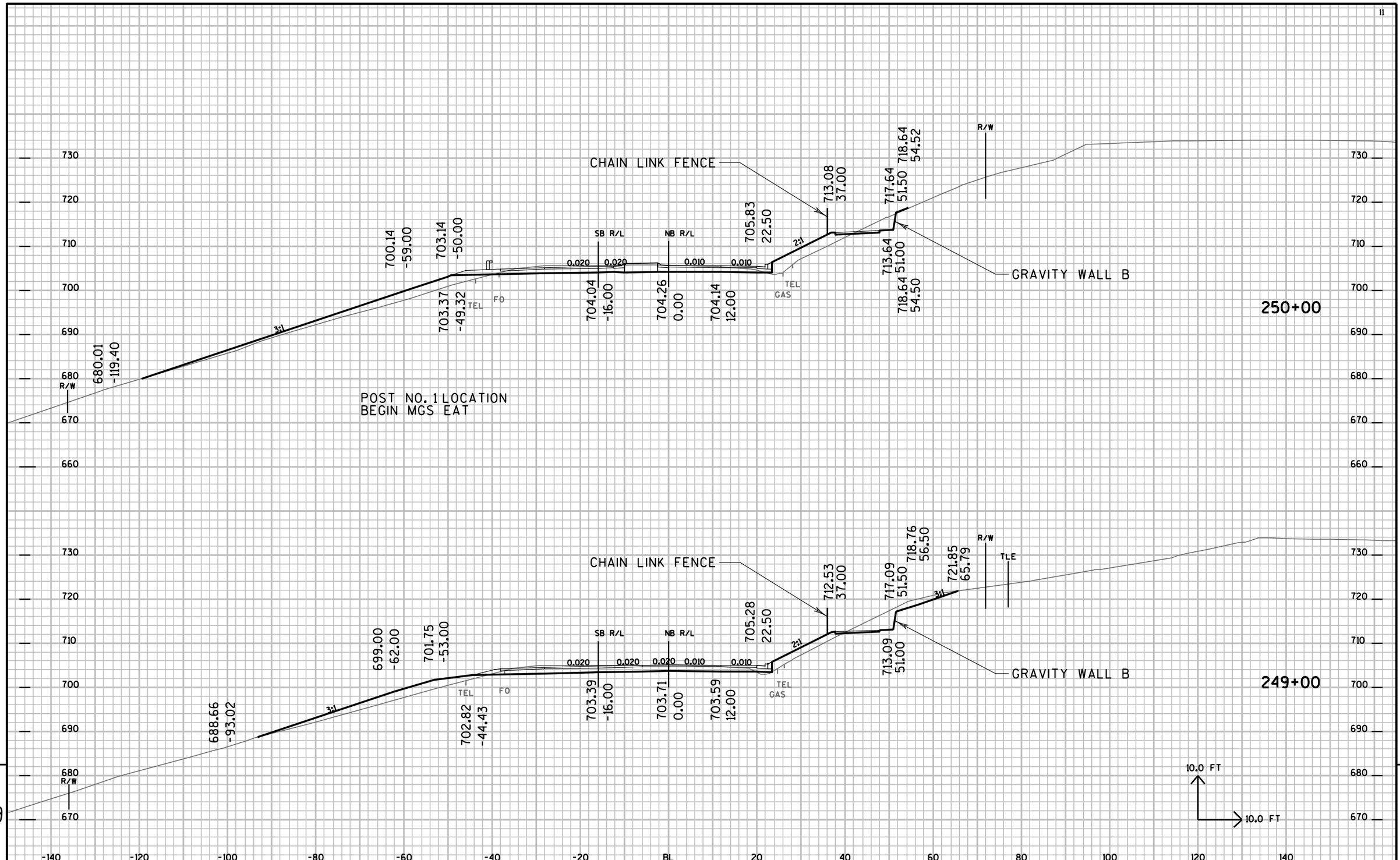


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

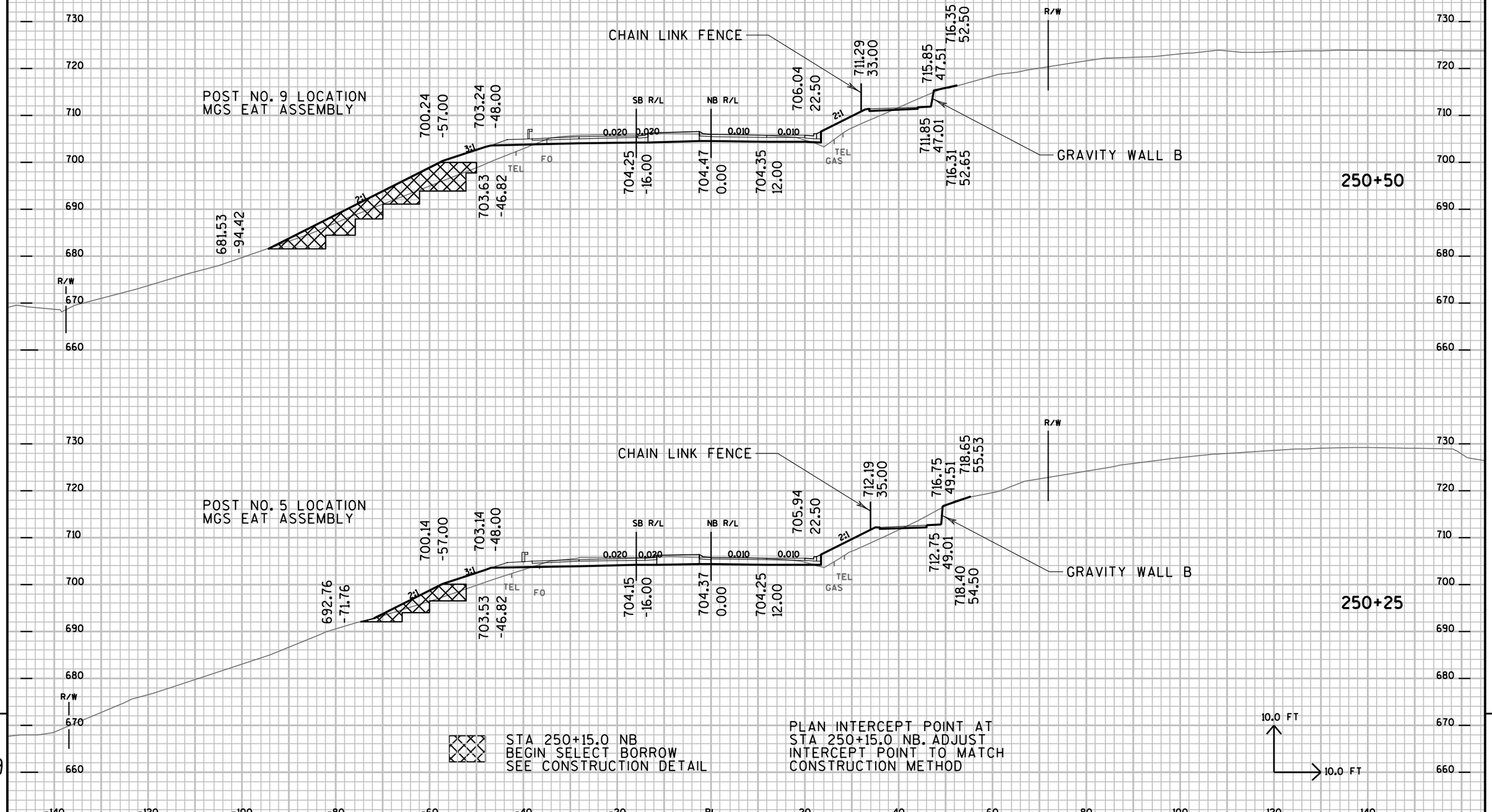
FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:29 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

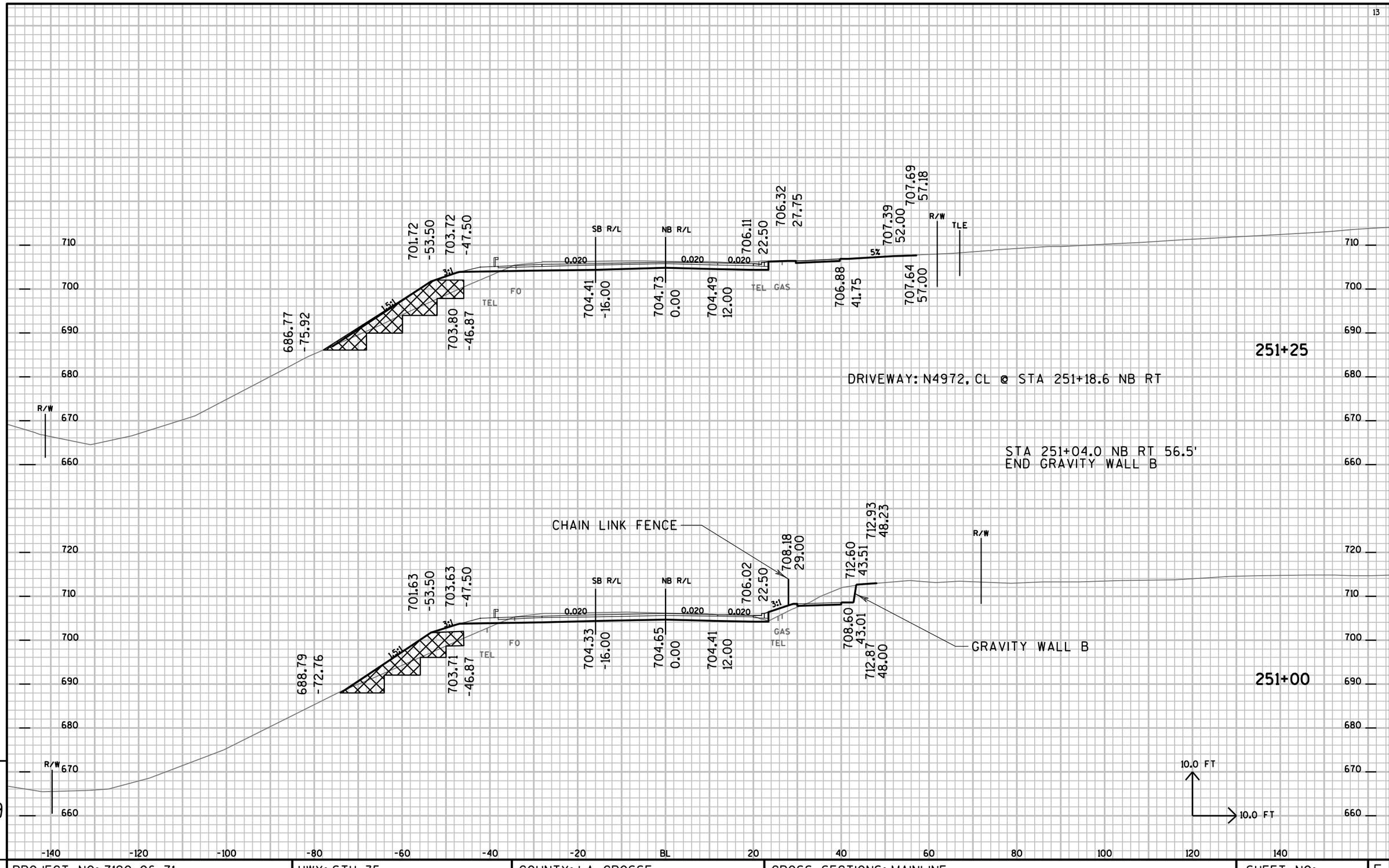
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NB PAVEMENT SLOPE TRANSITION FROM R/L TO RT
STA 250+75.0 NB @-1% TI STA 251+00.0 NB @-2%



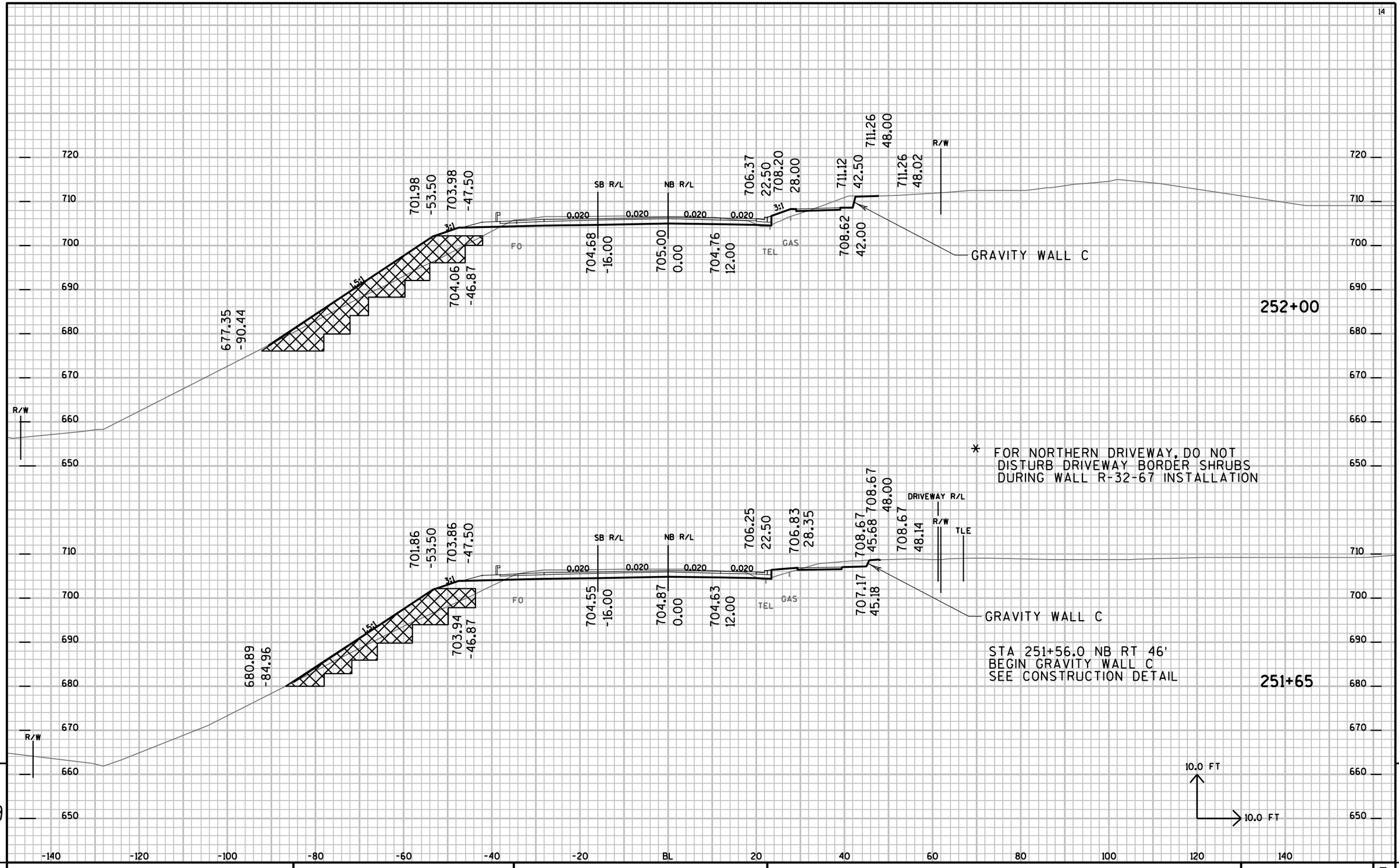
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:29 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



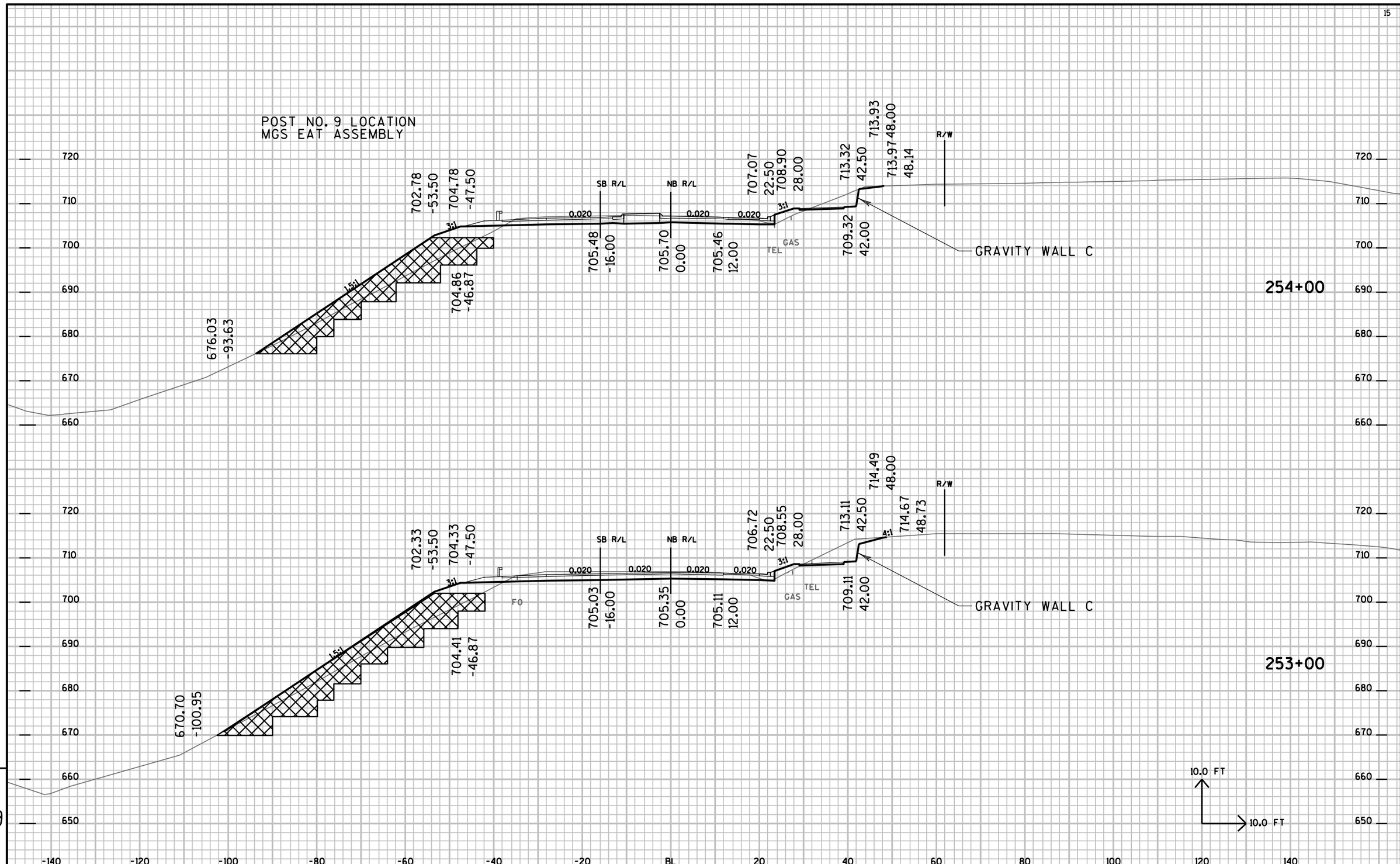
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FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:29 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

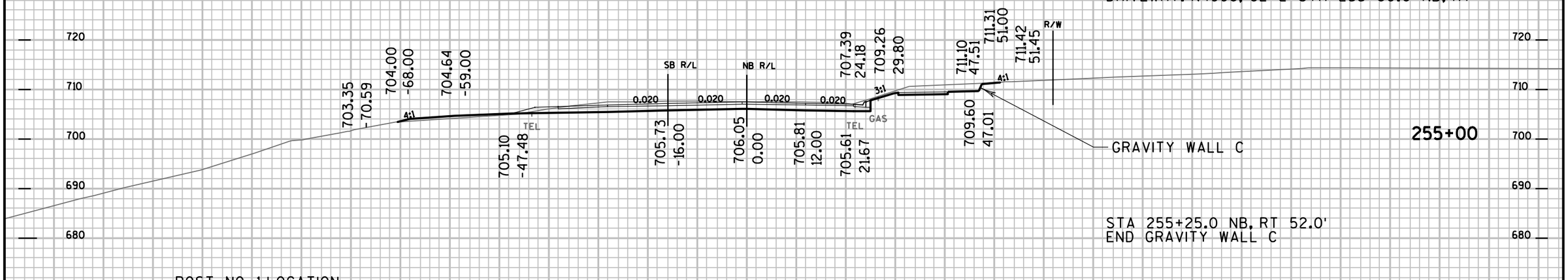
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

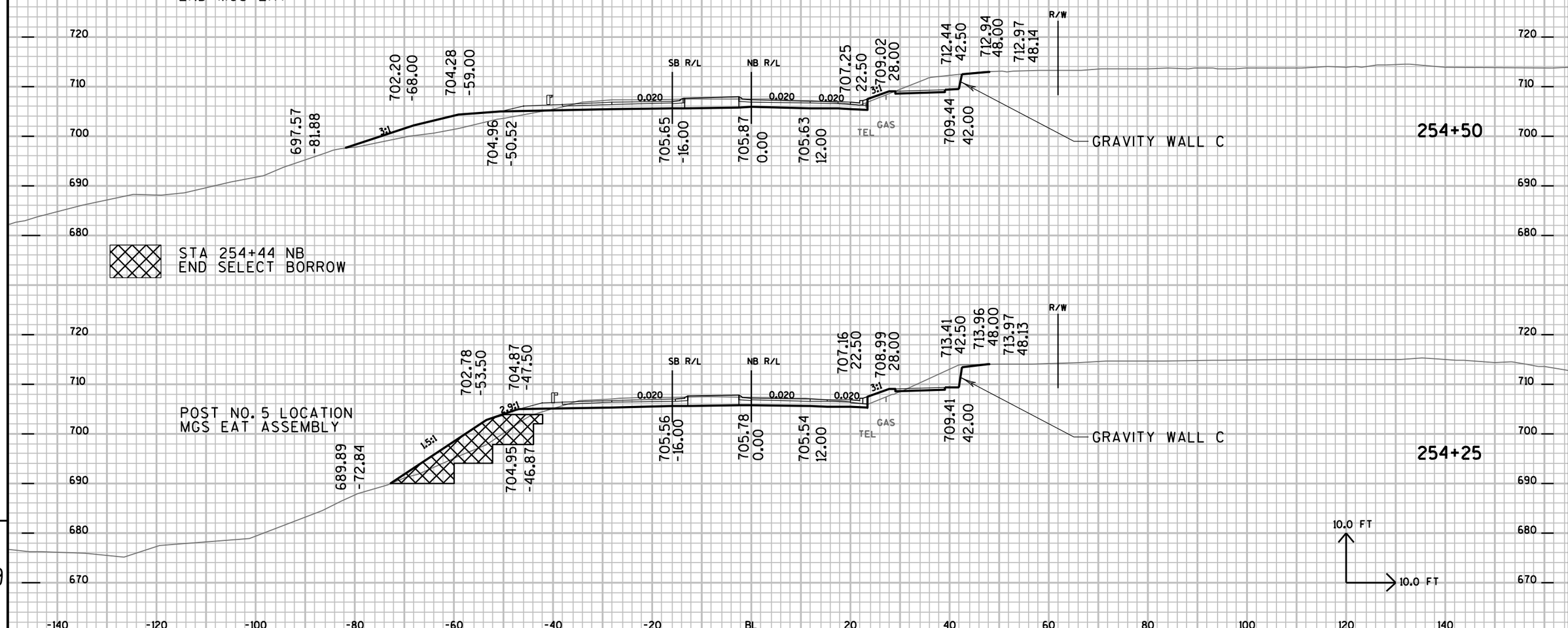
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DRIVEWAY: N4996, CL @ STA 255+60.0 NB, RT



STA 255+25.0 NB, RT 52.0'
END GRAVITY WALL C

POST NO. 1 LOCATION
END MGS EAT



9

9

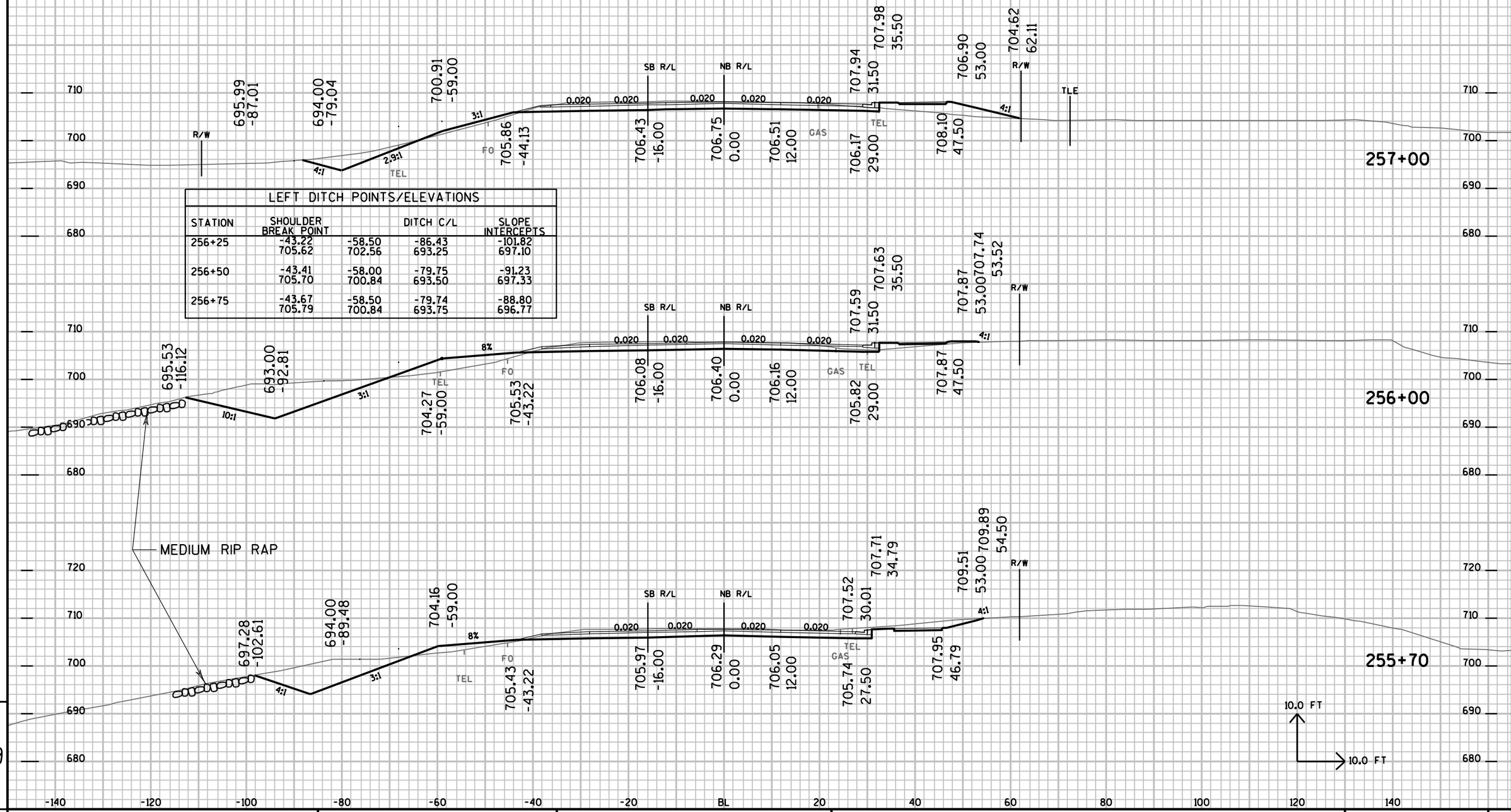
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:29 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SITE DEVELOPMENT
ADJUST SLOPE INTERCEPT TO
MATCH EXISTING GROUND AT
R/W LIMIT

LEFT DITCH POINTS/ELEVATIONS

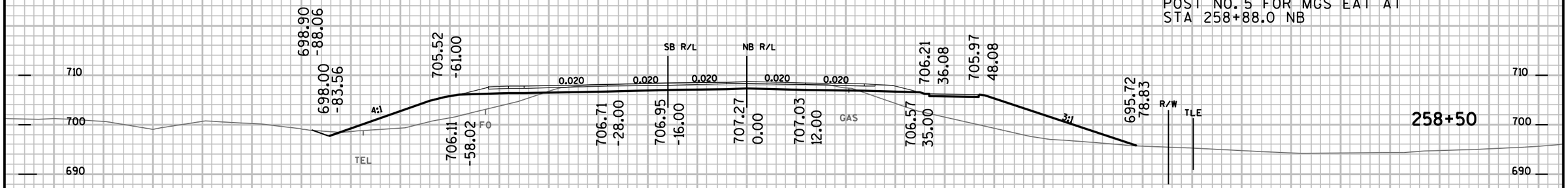
STATION	SHOULDER BREAK POINT		DITCH C/L	SLOPE INTERCEPTS
256+25	-43.22 705.62	-58.50 702.56	-86.43 693.25	-101.82 697.10
256+50	-43.41 705.70	-58.00 700.84	-79.75 693.50	-91.23 697.33
256+75	-43.67 705.79	-58.50 700.84	-79.74 693.75	-88.80 696.77

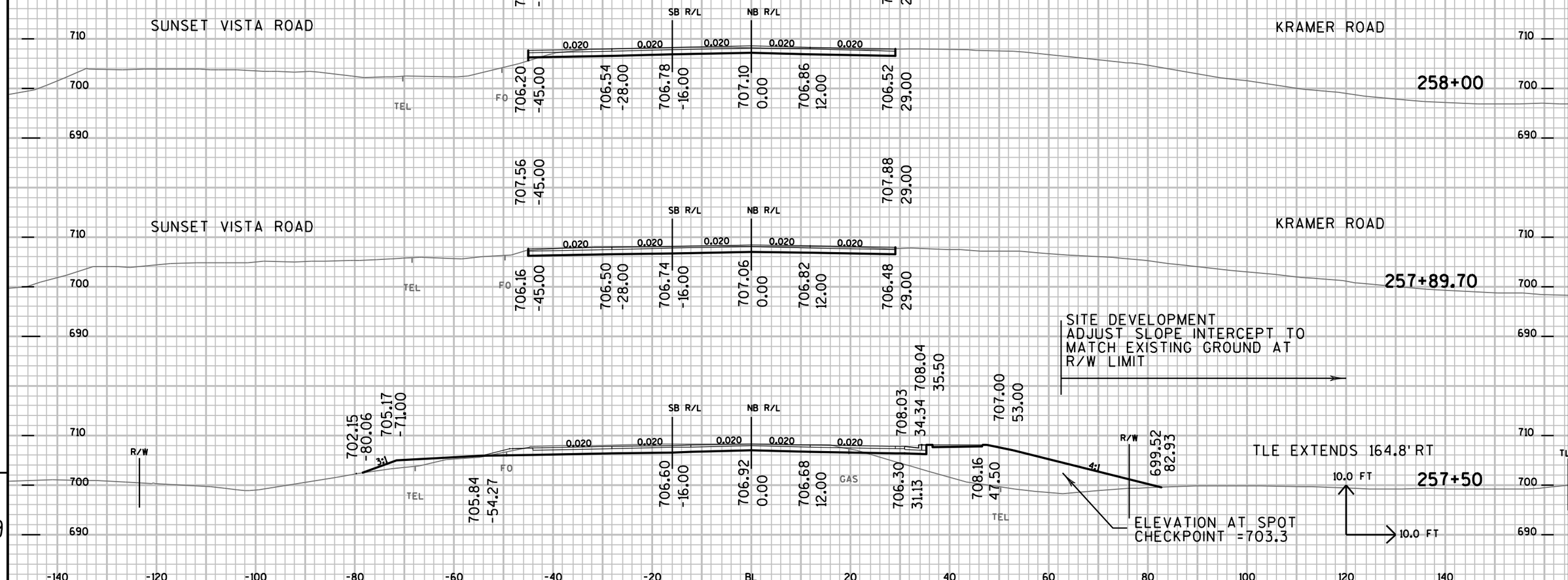


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

POST NO. 1 FOR MGS EAT PLACED
AT 258+63.0 NB RT 24'

POST NO. 5 FOR MGS EAT AT
STA 258+88.0 NB



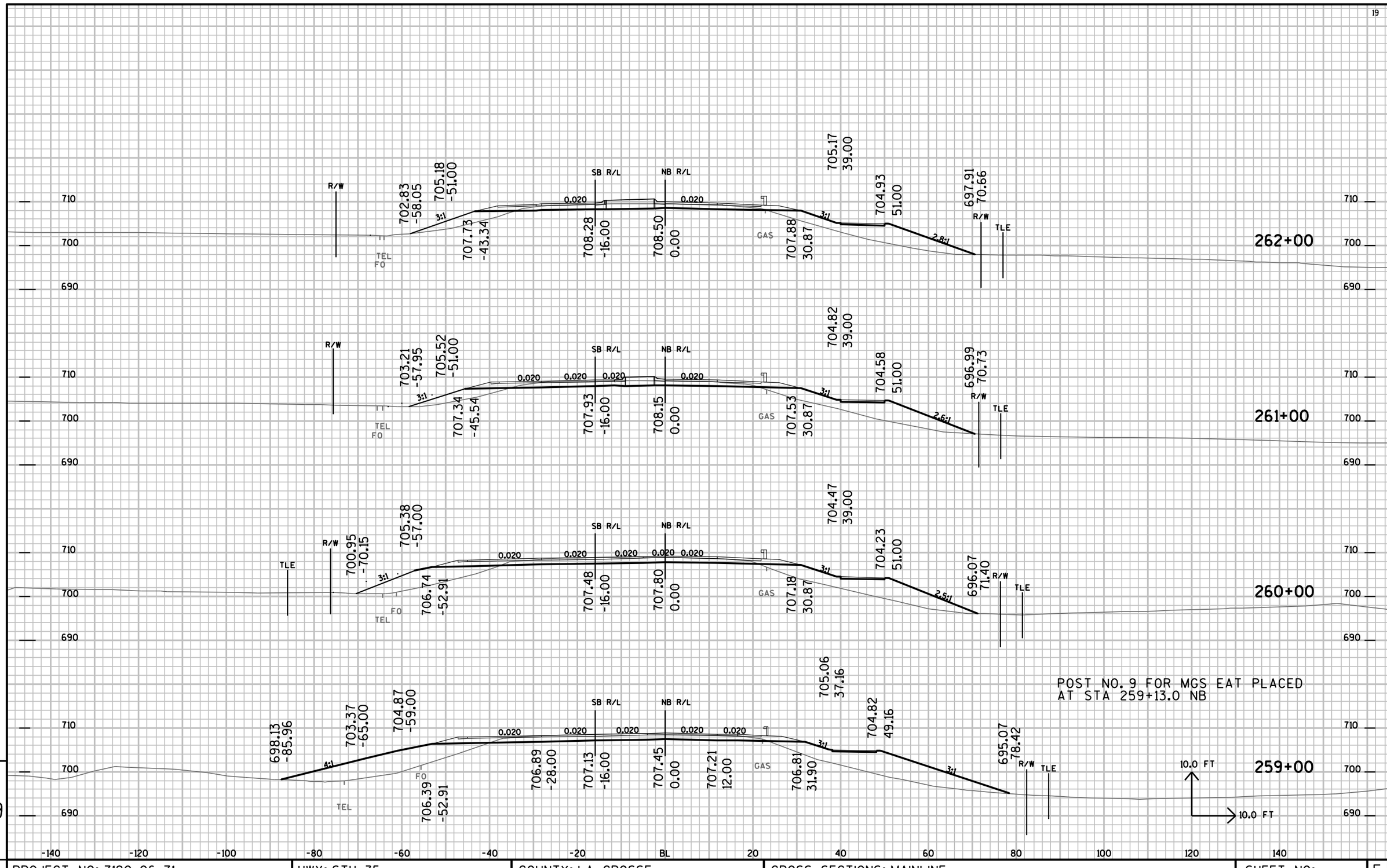


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN
PLOT DATE : 16-SEP-2015 11:29
PLOT BY : dotwow
PLOT NAME :
PLOT SCALE : 2.000000:1.000000

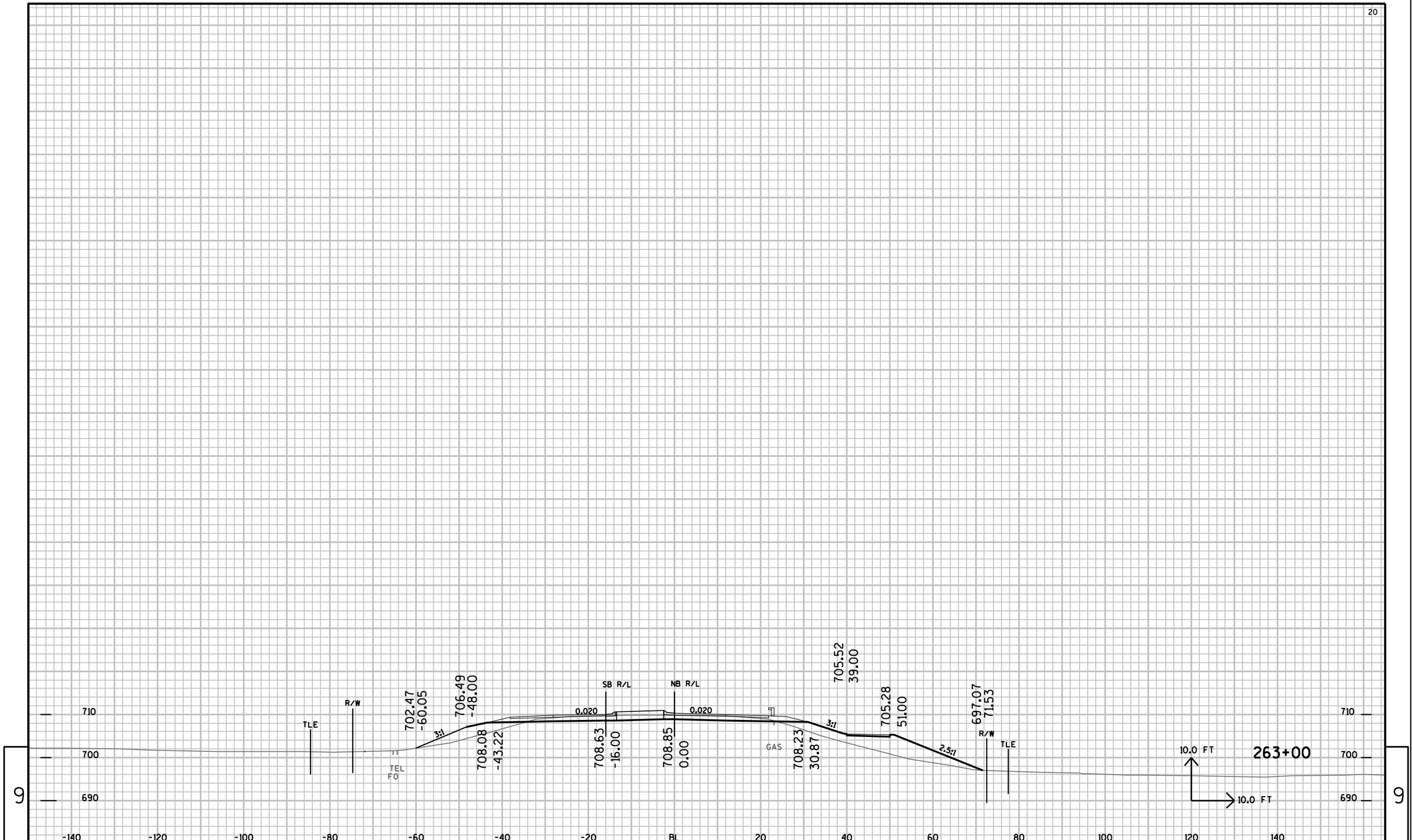


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090202_xs.DGN PLOT DATE : 16-SEP-2015 11:29 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

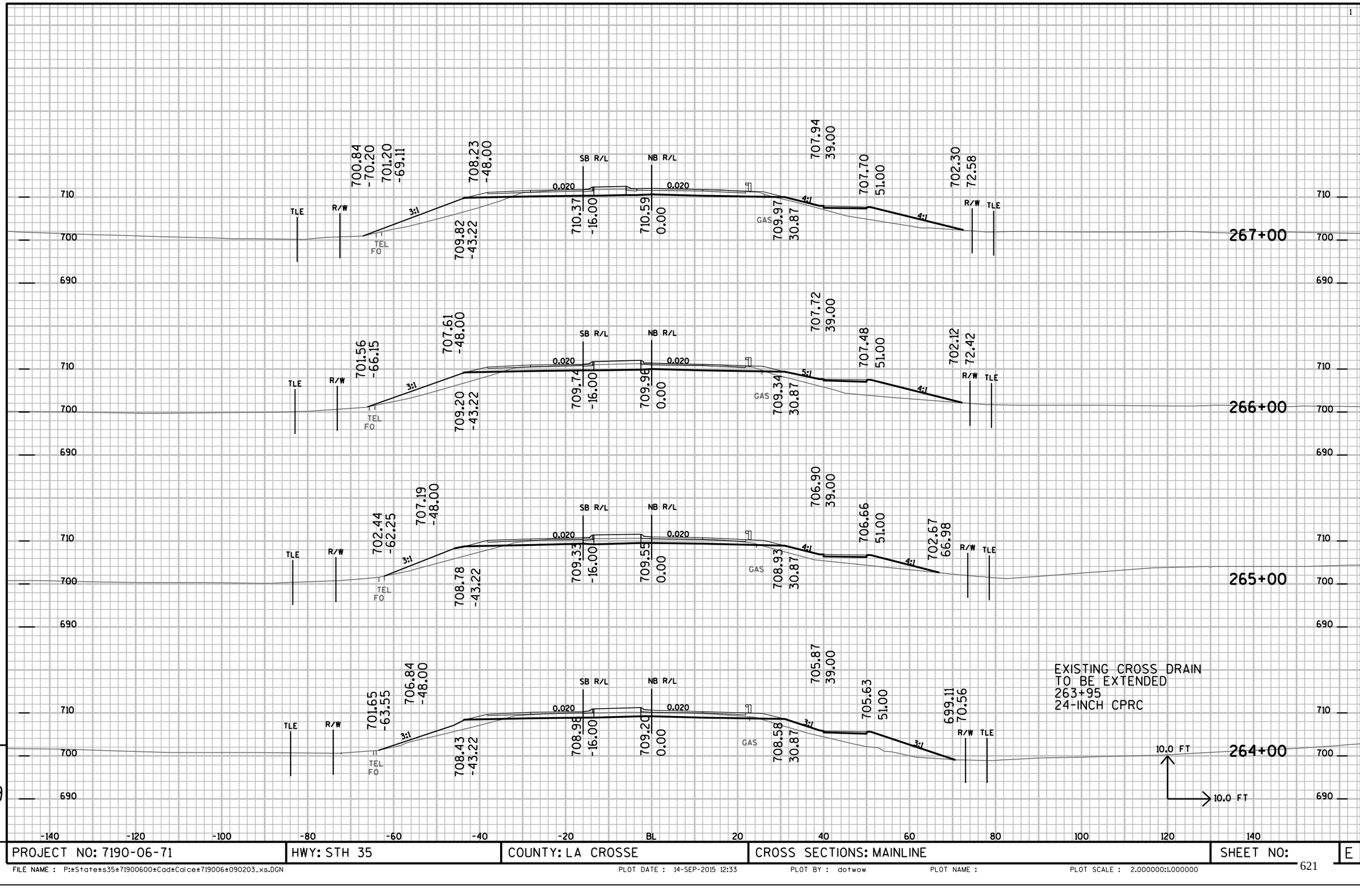


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

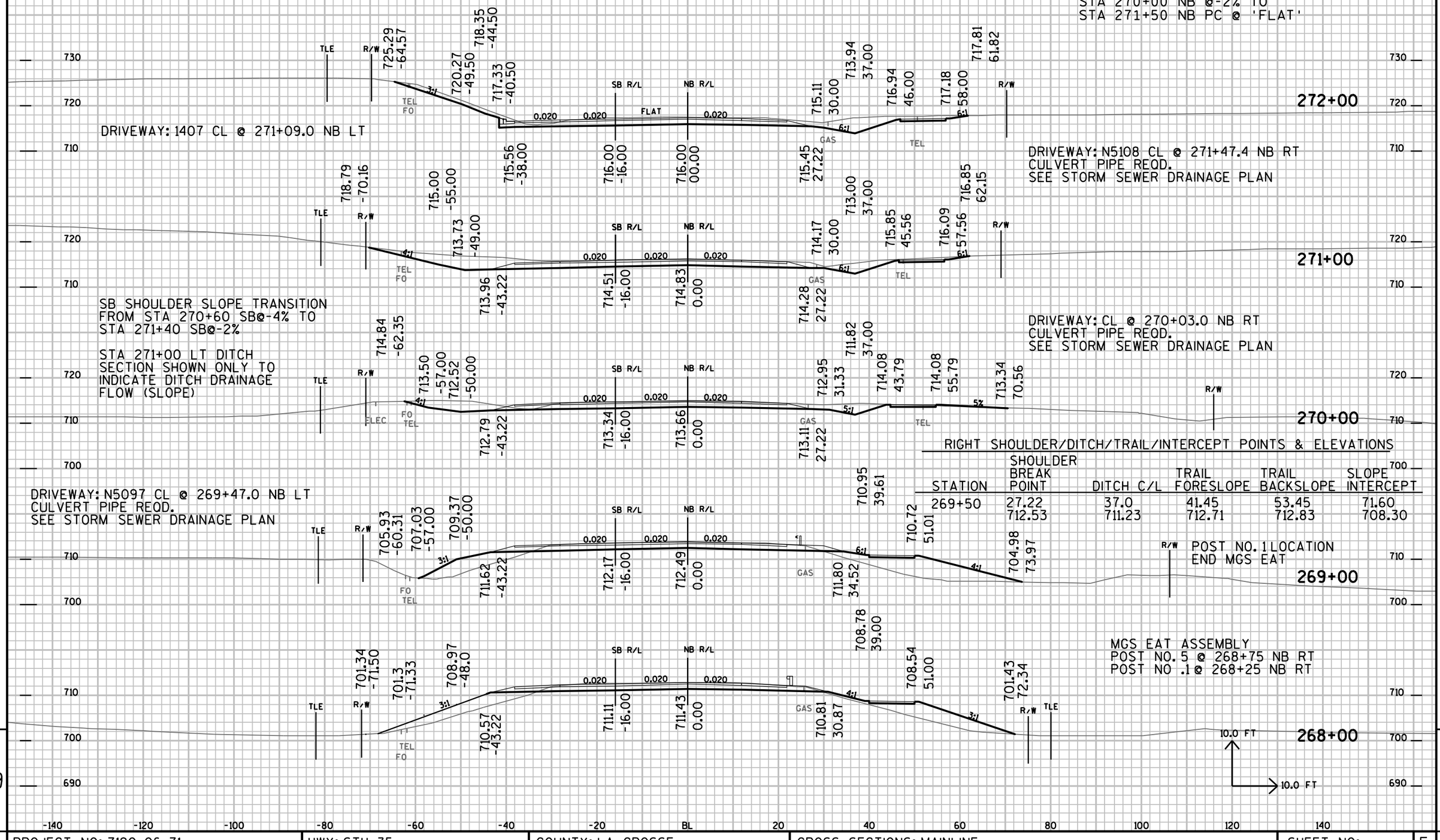
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MEDIAN SLOPE TRANSITION
LT OF NB RL
STA 270+00 NB @-2% TO
STA 271+50 NB PC @ 'FLAT'



DRIVEWAY: 1407 CL @ 271+09.0 NB LT

DRIVEWAY: N5108 CL @ 271+47.4 NB RT
CULVERT PIPE REQD.
SEE STORM SEWER DRAINAGE PLAN

SB SHOULDER SLOPE TRANSITION
FROM STA 270+60 SB@-4% TO
STA 271+40 SB@-2%

STA 271+00 LT DITCH
SECTION SHOWN ONLY TO
INDICATE DITCH DRAINAGE
FLOW (SLOPE)

DRIVEWAY: CL @ 270+03.0 NB RT
CULVERT PIPE REQD.
SEE STORM SEWER DRAINAGE PLAN

RIGHT SHOULDER/DITCH/TRAIL/INTERCEPT POINTS & ELEVATIONS

STATION	SHOULDER BREAK POINT	DITCH C/L	TRAIL FORESLOPE	TRAIL BACKSLOPE	SLOPE INTERCEPT
269+50	27.22	37.0	41.45	53.45	71.60
	712.53	711.23	712.71	712.83	708.30

DRIVEWAY: N5097 CL @ 269+47.0 NB LT
CULVERT PIPE REQD.
SEE STORM SEWER DRAINAGE PLAN

R/W POST NO. 1 LOCATION
END MGS EAT

MGS EAT ASSEMBLY
POST NO. 5 @ 268+75 NB RT
POST NO .1 @ 268+25 NB RT

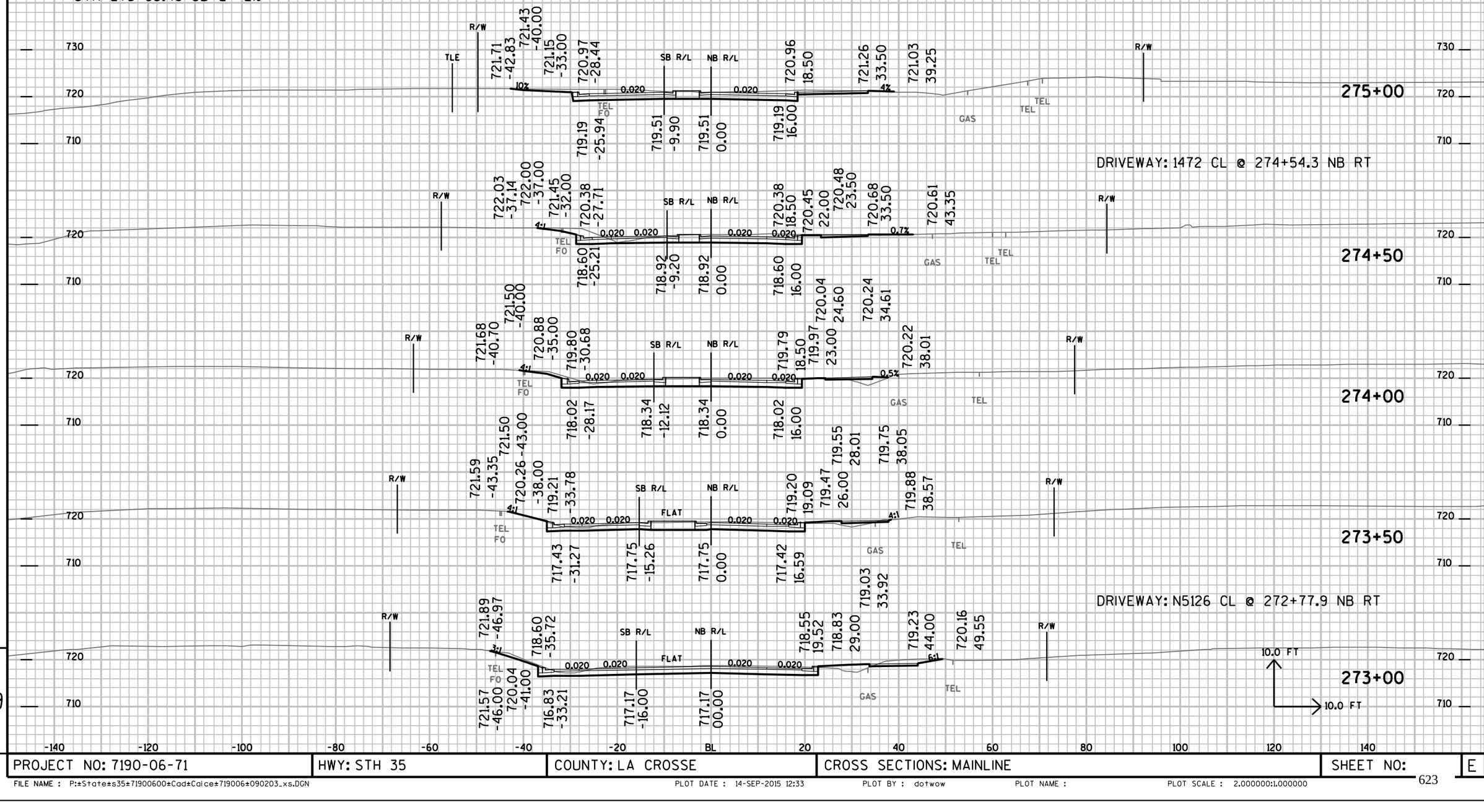
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

SEE RIDERS ROUNDABOUT - STH 35 TO SUNSET FOR CROSS SECTIONS THROUGH CIRCLE RADIUS (R-4 LINE)

SEE RIDERS ROUNDABOUT - STH 35 TO 'RIDERS' FOR CROSS SECTIONS THROUGH CIRCLE RADIUS (R-2 LINE)

SB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT EDGE (LT)

STA 275+00 SB @ -2%
TO
STA 275+50 SB @ -2.09%
TO
STA 275+85.48 SB @ -2%



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

NB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT EDGE (RT)
STA 277+17.27@-1.75% TO
STA 277+50@-2%

RIDERS ROUNDABOUT
MAINLINE MATCH FOR
RIDERS CLUB ROAD(R-8 LINE)

277+25

RIDERS CLUB ROAD ROUNDABOUT
INTERSECTION AREA

275+75

ROUNDABOUT
EXIT CURVATURE

NB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT
EDGE (RT)
STA 275+50 @-1.95% TO
STA 275+80.44@-1.5%

275+50

275+35

NB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT
EDGE (RT)
STA 275+00 @-2% TO
STA 275+50@-1.95%

SEE ROUNDABOUT PROFILES
R3 AND R4 FOR RL AND
PAVEMENT EDGE ELEVATIONS
FROM 273+45.25 SB TO
275+75.0 SB

ROUNDABOUT
ENTRY CURVATURE

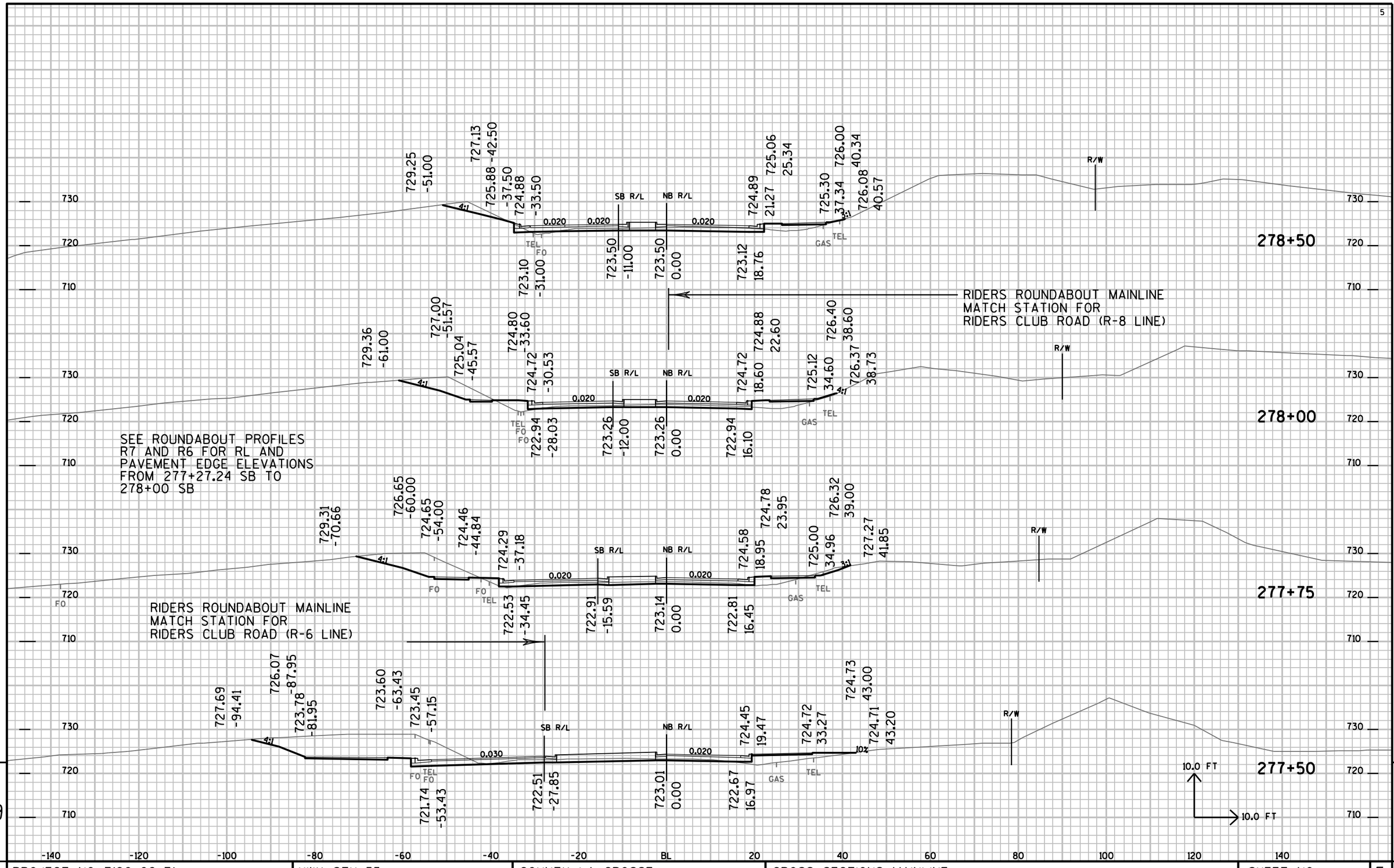
275+25

10.0 FT
10.0 FT

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

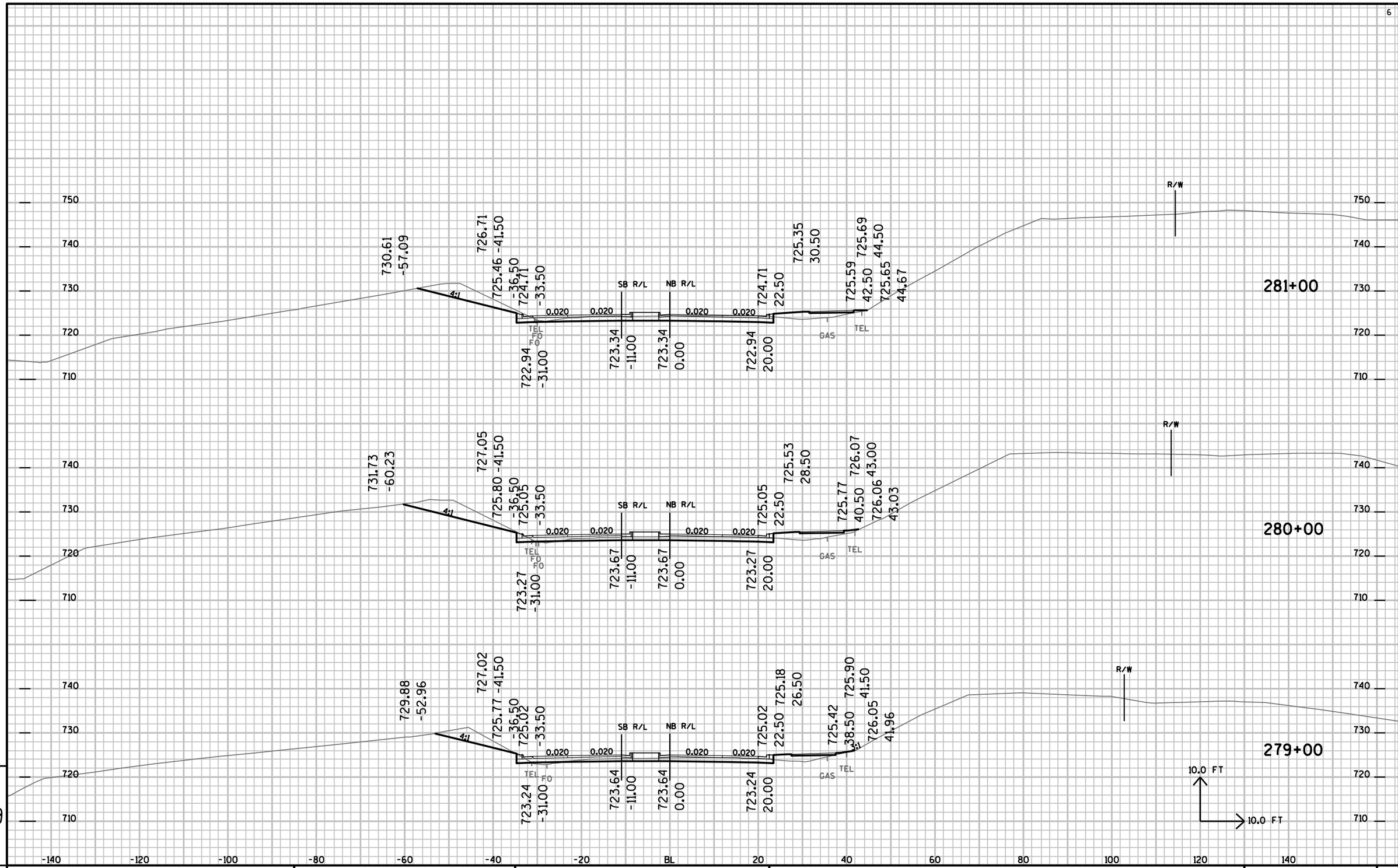
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



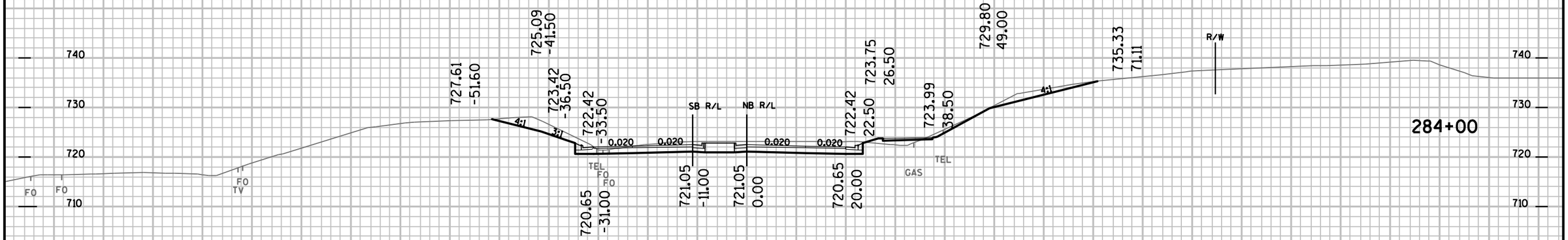
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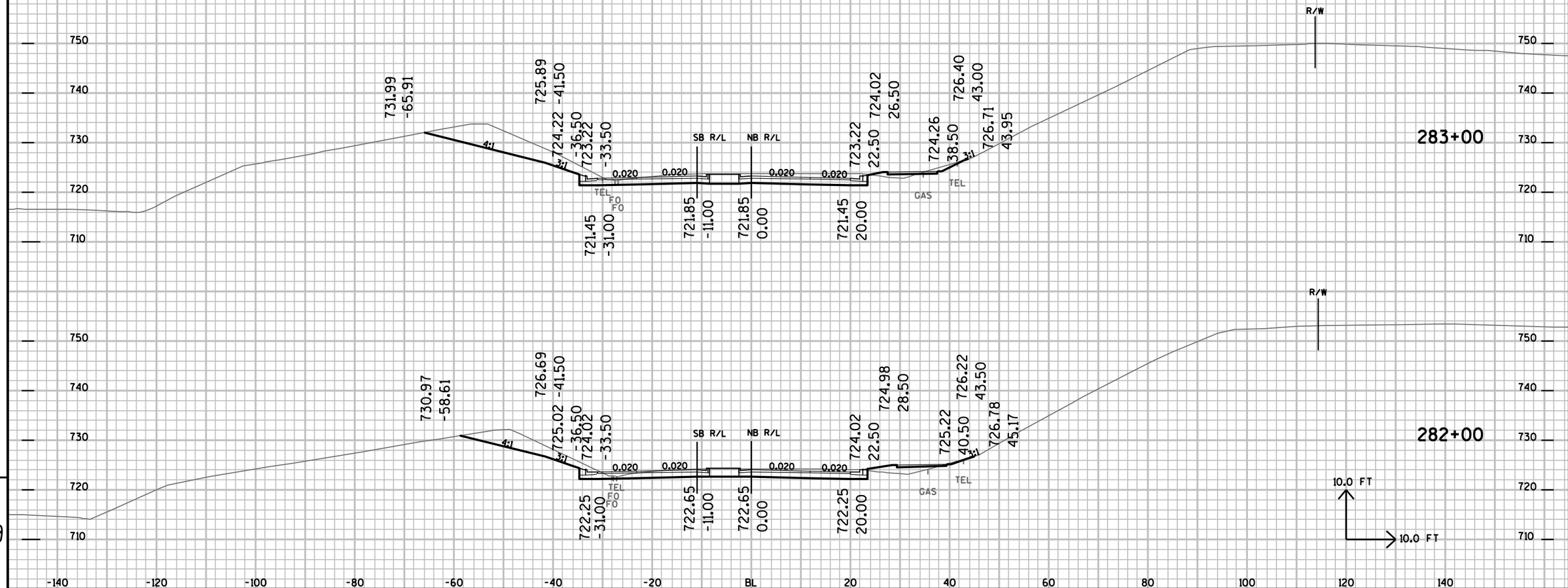
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DRIVEWAY: 1606, CL 284+40.8 NB, RT



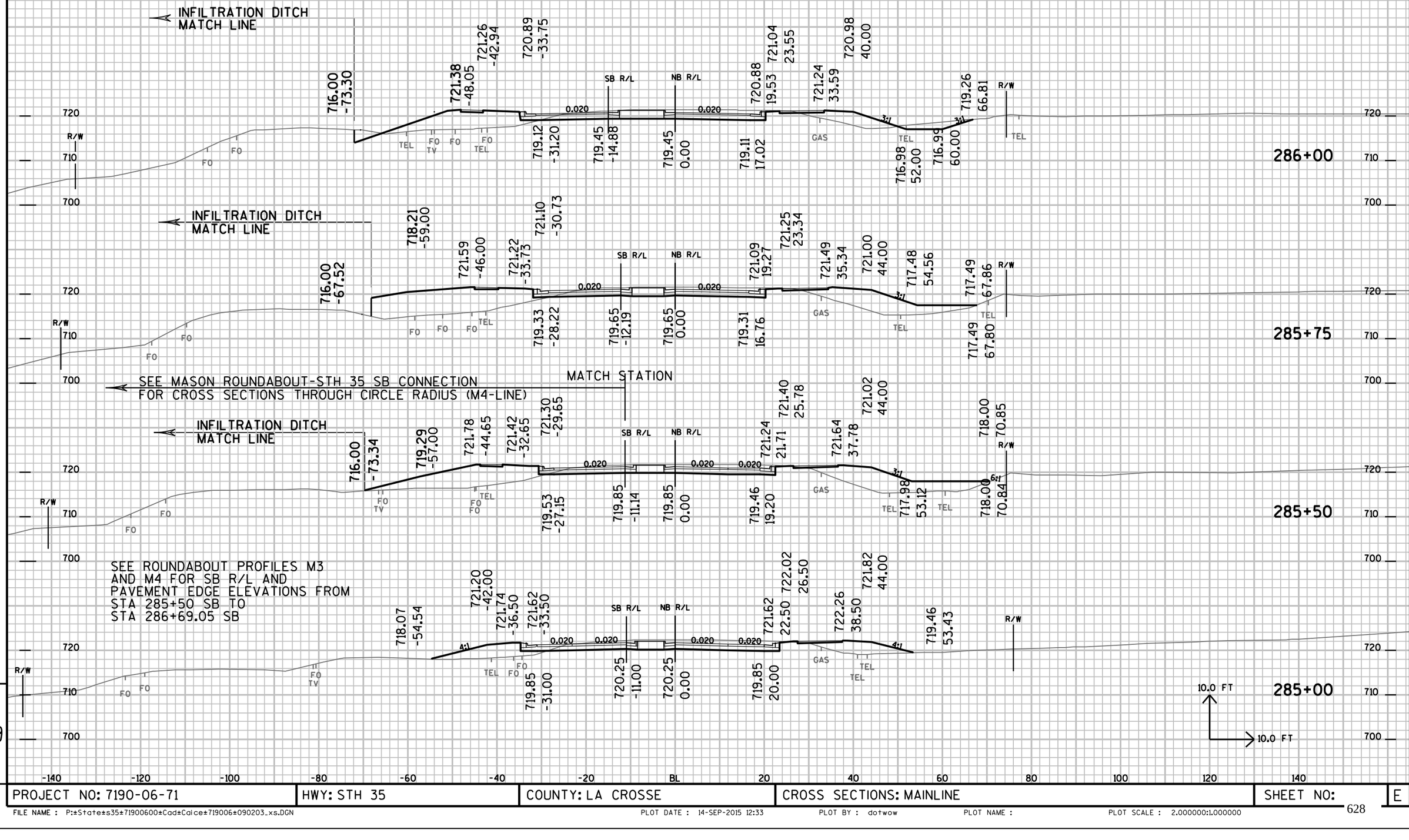


-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT EDGE(LT)
STA 286+00 SB@-2% TO
STA 286+69.05 SB@-1%



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:\State\s35\71900600\Cad\Caice\719006\090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SB PAVEMENT SLOPE TRANSITIONS
FROM R/L TO OUTSIDE PAVEMENT EDGE (LT)
STA 288+06.89 SB@-1% TO
STA 288+50 SB@-1.5% TO
STA 289+00 SB@-2%

ROUNDABOUT ENTRY CURVATURE
STH 35 NB (M6 LINE)

288+50

NB PAVEMENT SLOPE TRANSITION
FROM R/L TO OUTSIDE PAVEMENT
EDGE (RT) STA 288+02.92 @-1% TO
STA 288+50 @-2%

STH 35 SB ENTRY
CURVATURE (STH 35 CONNECT. M4 LINE)

288+25

MASON ROUNDABOUT MATCHLINE
FOR STH 35 NB (M2 LINE)

MASON STREET ROUNABOUT
INTERSECTION AREA

SEE ROUNDABOUT PROFILES
M3 AND M4 FOR R/L AND
PAVEMENT EDGE ELEVATIONS
FROM STA 288+06.89 TO
STA 290+10

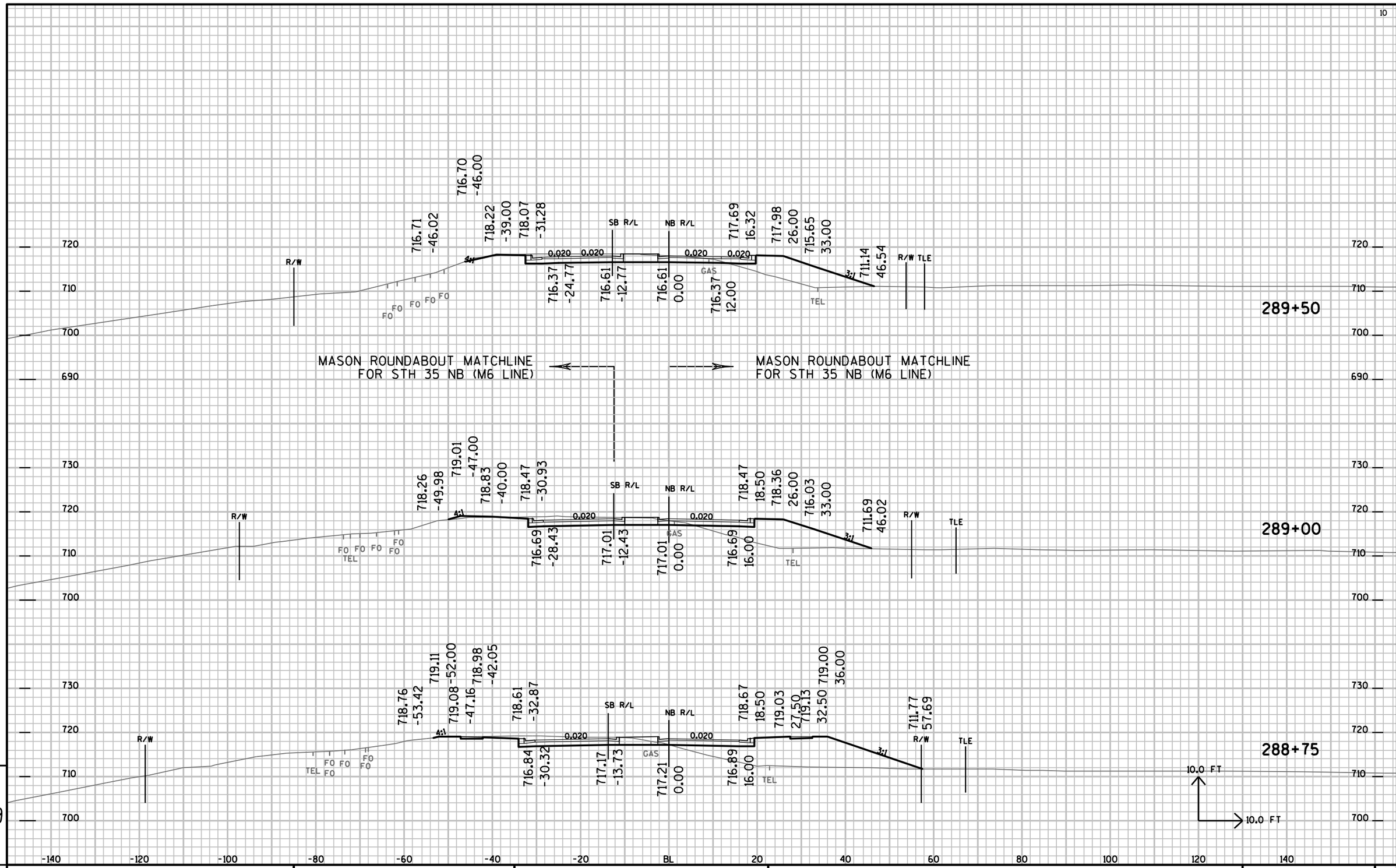
286+50

286+25

10.0 FT
10.0 FT

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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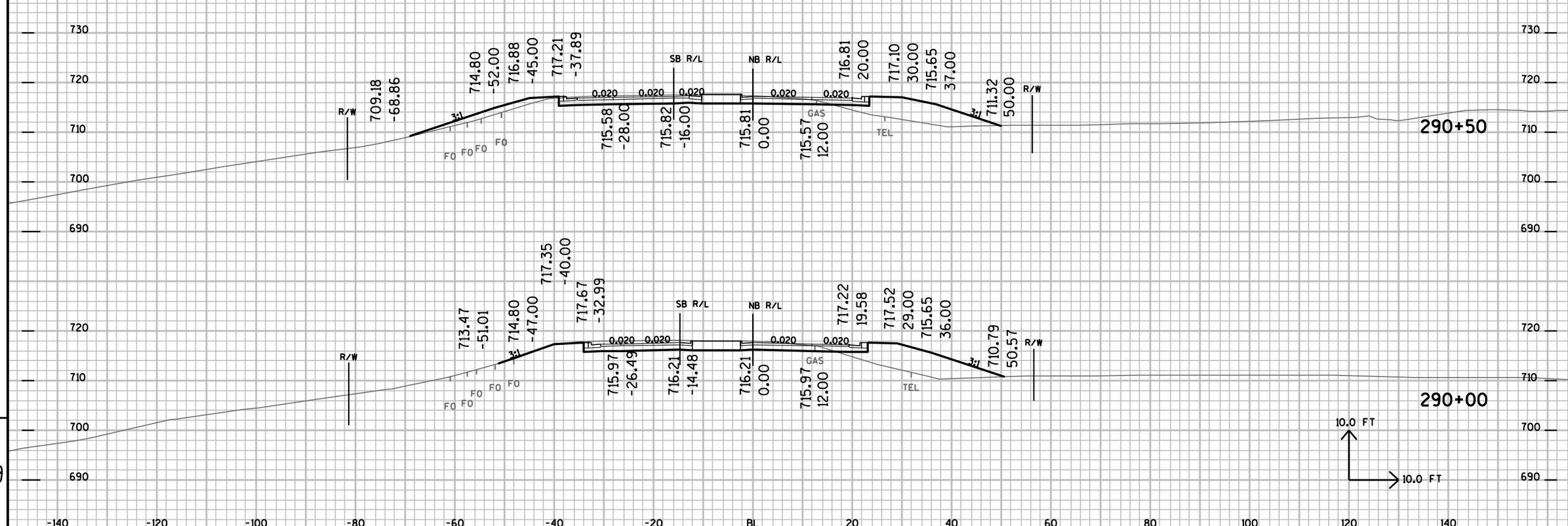
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MEDIAN SLOPE TRANSITION
LT OF NB R/L
STA 290+53.47 NB @ 'FLAT' TO
STA 292+50 NB @-2%

STATION EQUATION
290+72.01 BK=
290+53.47 AH



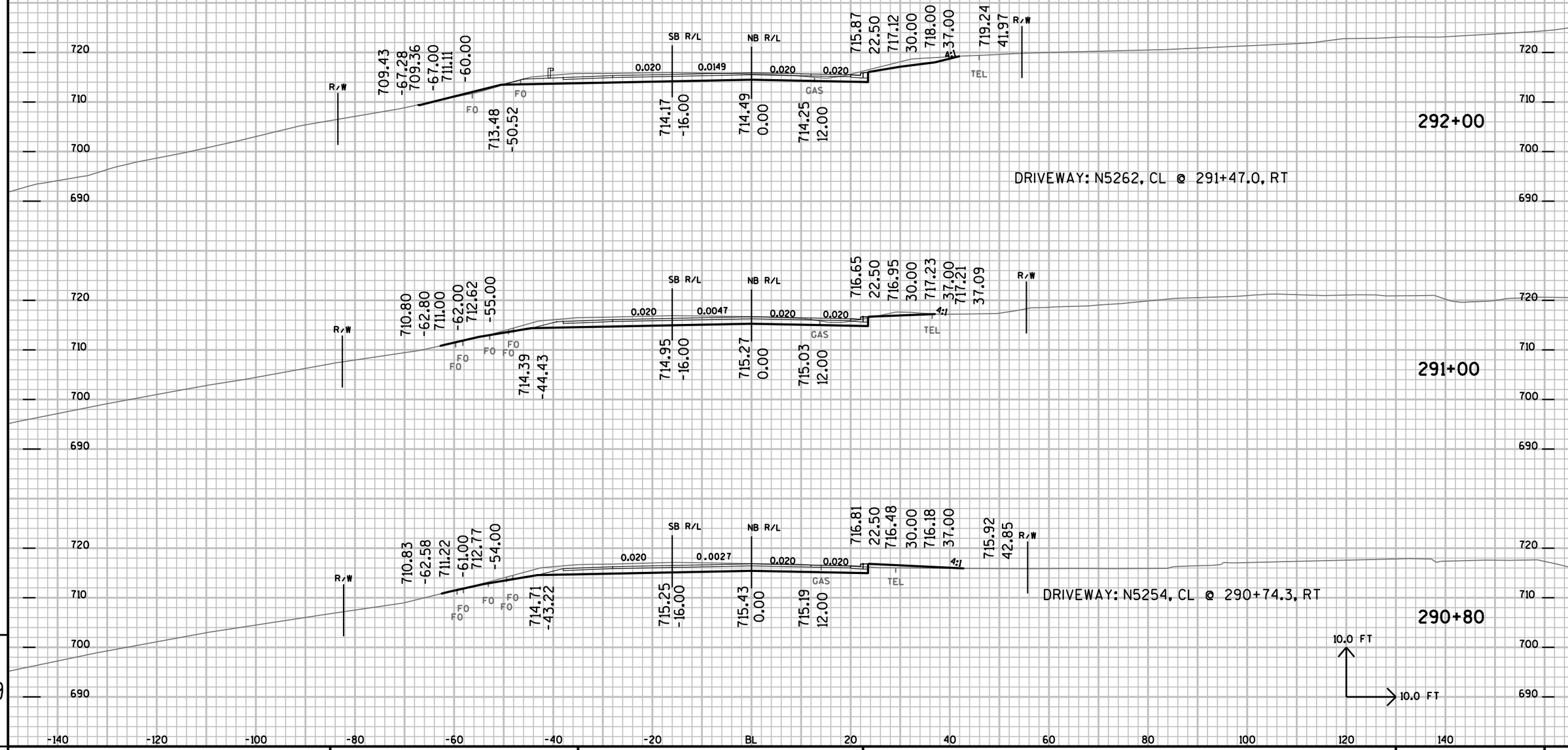
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090203_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

POST NO. 1 LOCATION
BEGIN MGS EAT



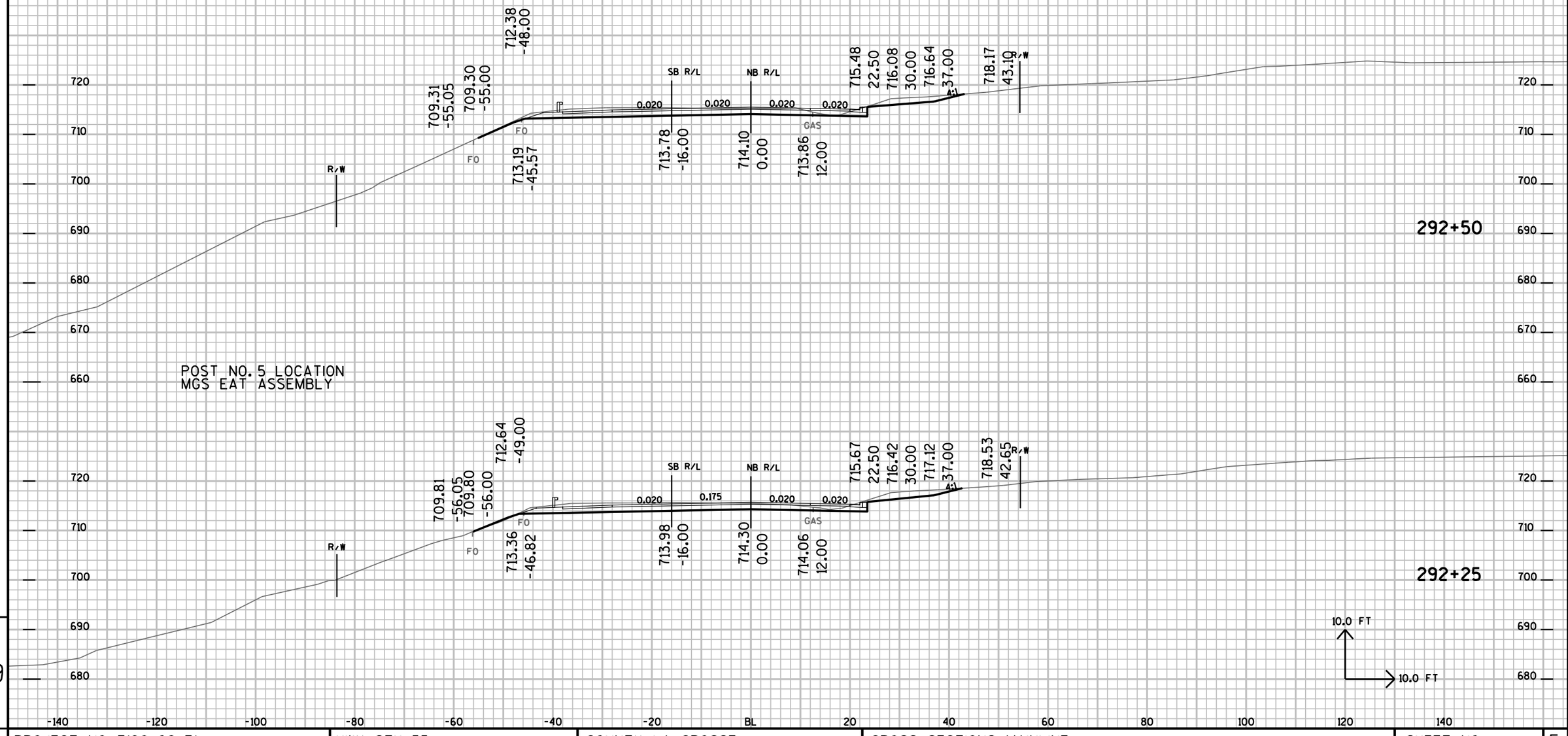
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

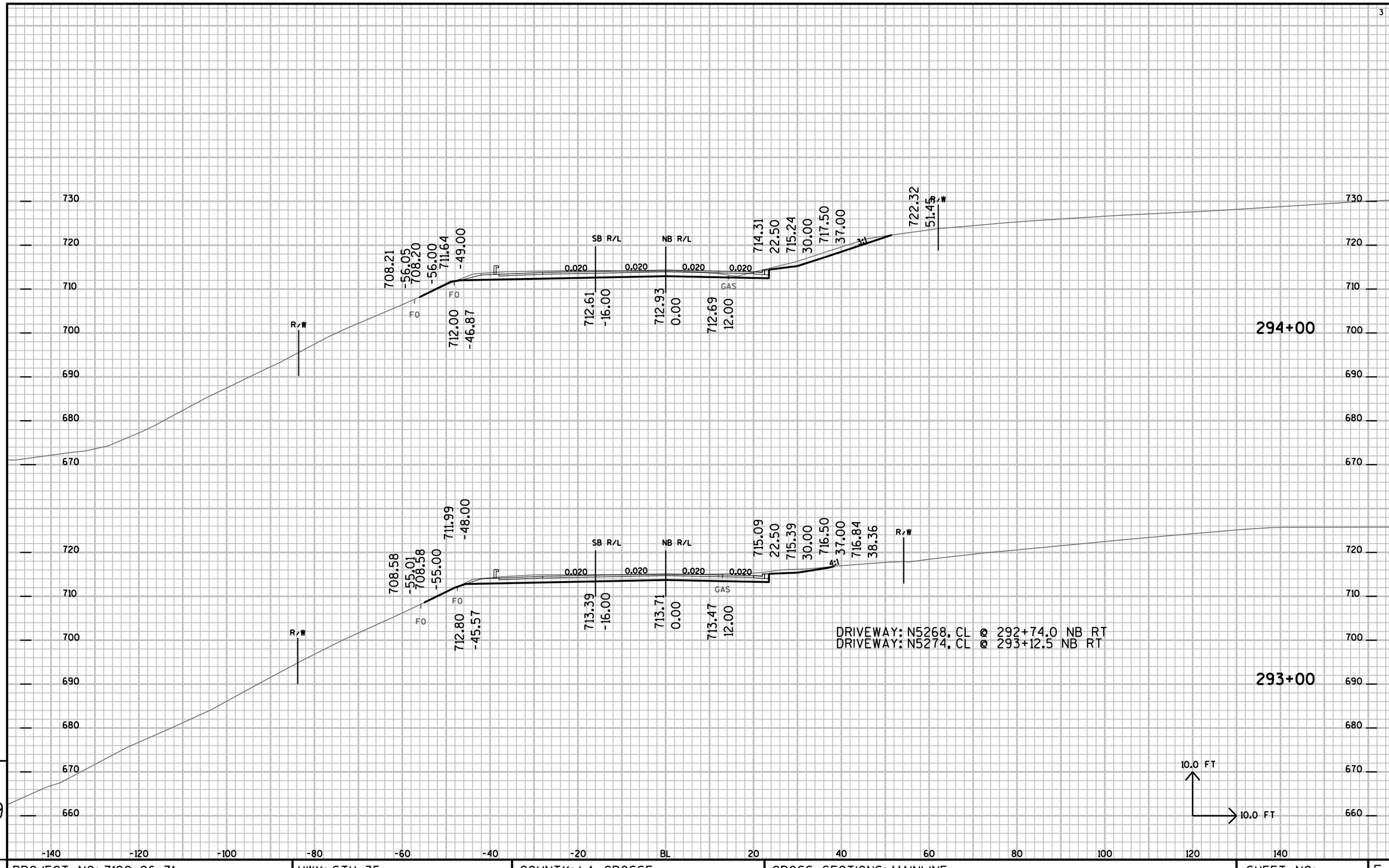
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POST NO. 9 LOCATION
MGS EAT ASSEMBLY



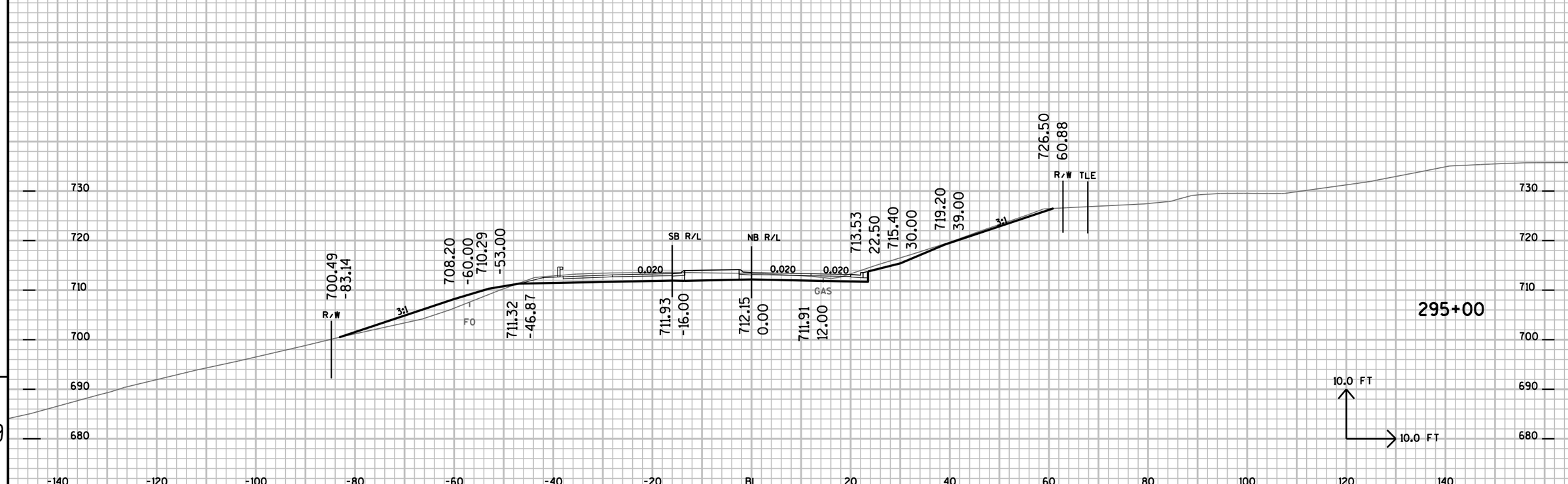
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090204_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090204_xs.DGN PLOT DATE : 14-SEP-2015 12:33 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



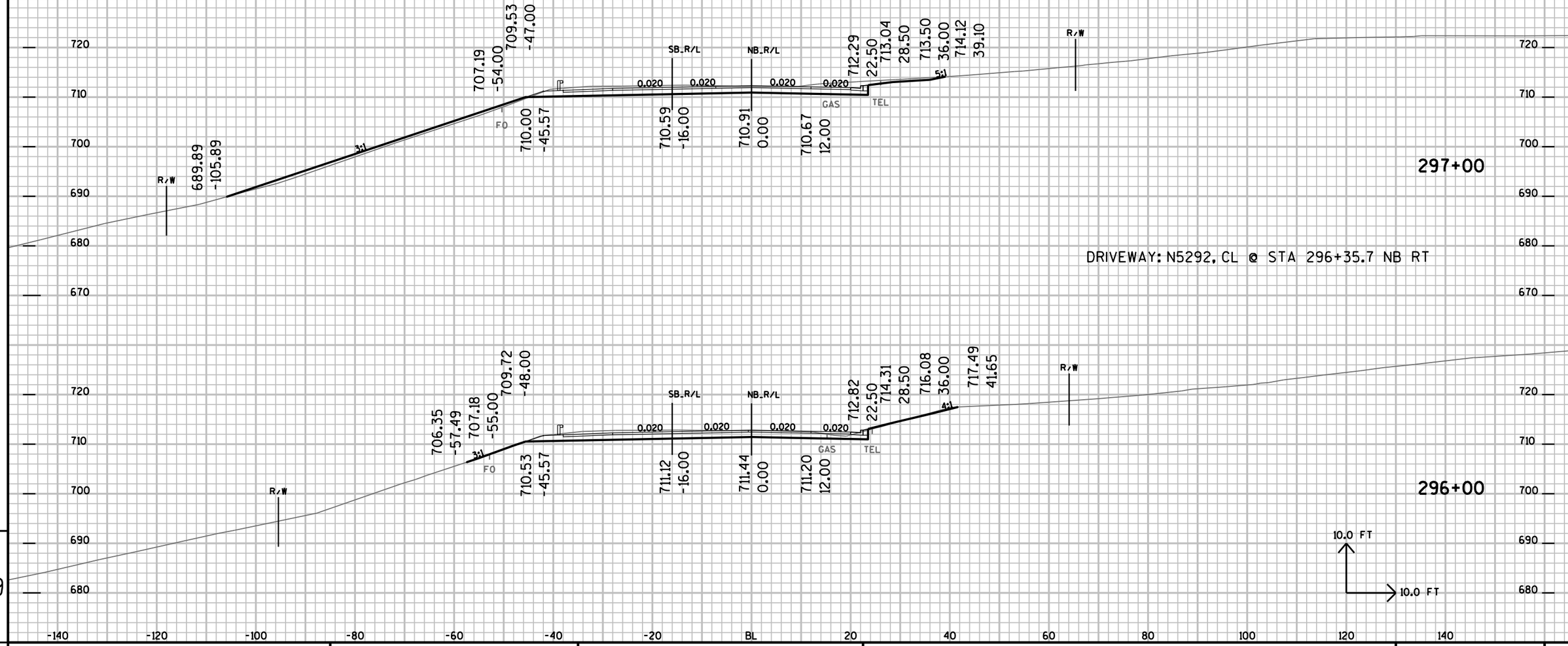
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

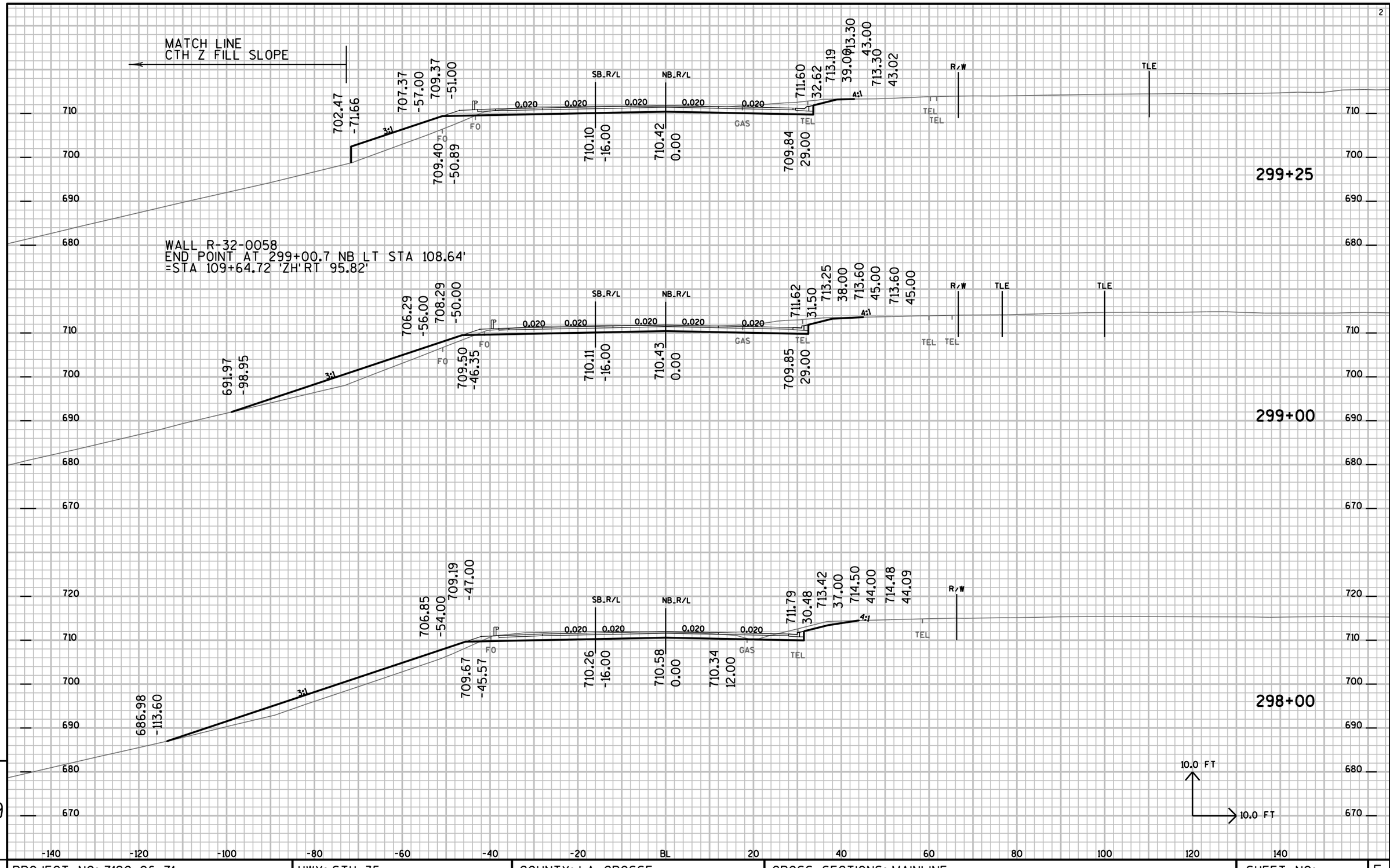
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DRIVEWAY: N5298, CL @ STA 297+00.5 NB RT



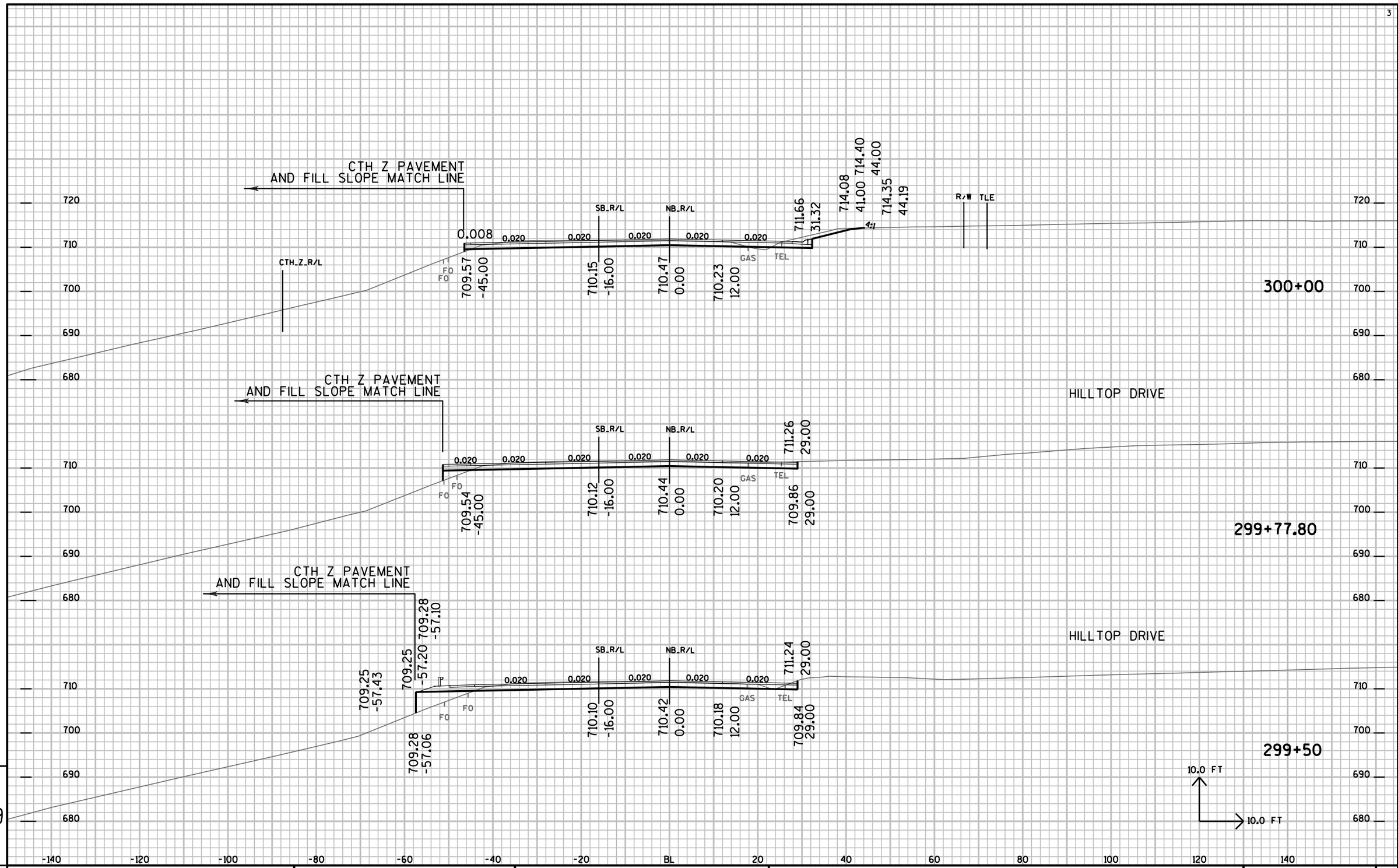
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



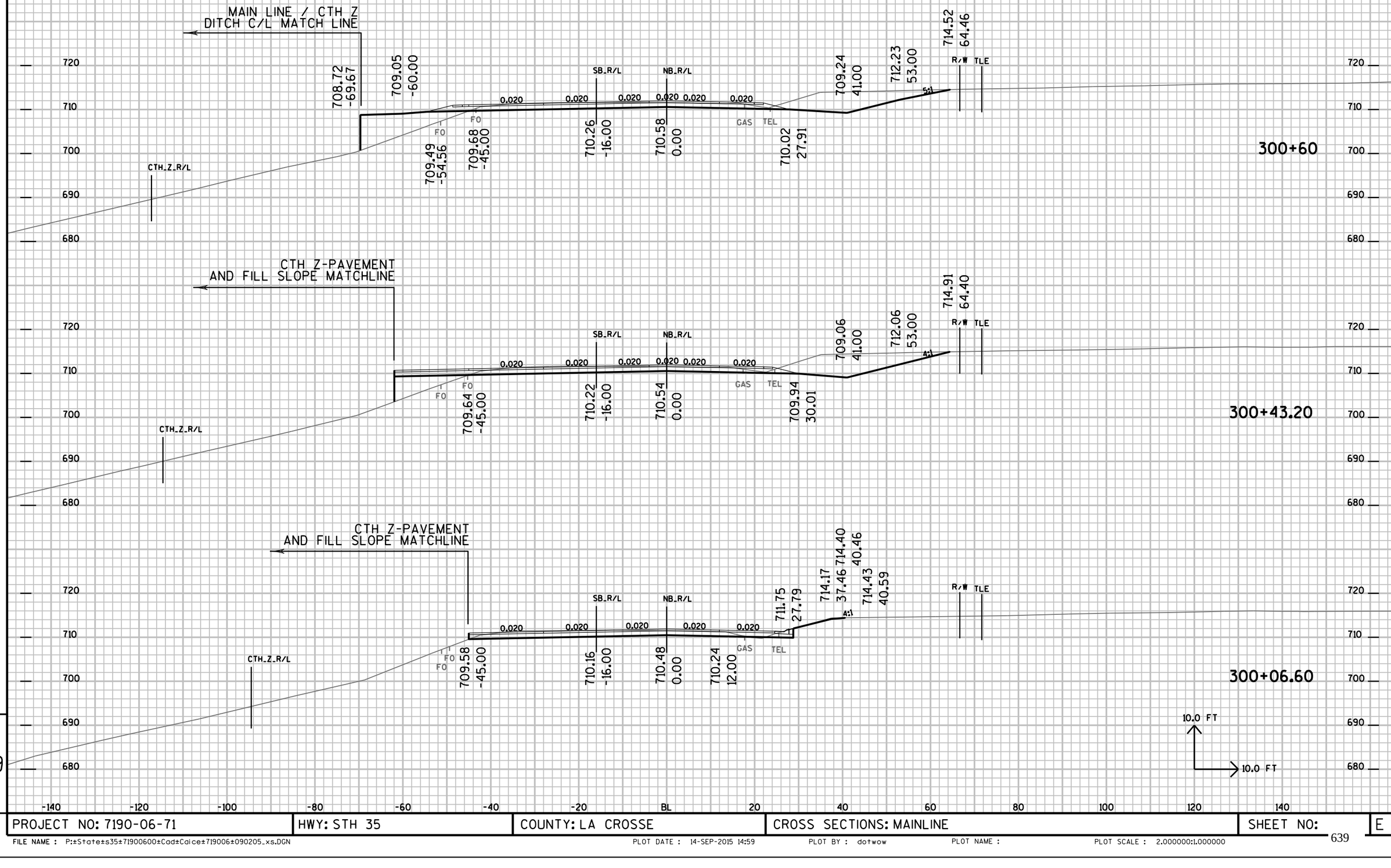
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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DRIVEWAY: N5336, CL @ STA 302+21.0 NB RT
CULVERT PIPE REQD
SEE STORM SEWER DRAINAGE PLAN

MAINLINE/CTH Z
DITCH C/L MATCHLINE

708.22 -68.80 | 709.42 -59.00 | SB_R/L | NB_R/L | 709.66 44.00 711.14 50.00 713.81 63.34 | R/W | TLE

0.020 | 0.020 | 0.020 | 0.020 | 5:1

FO | FO | GAS | TEL | TEL

709.95 -54.74 | 710.14 -45.00 | 710.72 -16.00 | 711.04 0.00 | 710.50 27.22

CTH_Z_R/L

302+00

DRIVEWAY: W6822/N5330, CL @ STA 301+15.5 NB RT
CULVERT PIPE REQD
SEE STORM SEWER DRAINAGE PLAN

MAINLINE/CTH Z
DITCH C/L MATCHLINE

708.58 -73.38 | 709.20 -59.00 | SB_R/L | NB_R/L | 709.48 44.00 710.32 50.00 713.98 64.63 | R/W | TLE

0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 4:1

FO | FO | GAS | TEL | TEL

709.60 -54.74 | 709.79 -45.00 | 710.37 -16.00 | 710.69 0.00 | 710.15 27.45

CTH_Z_R/L

301+00

MAINLINE/CTH Z
DITCH C/L MATCHLINE

708.67 -74.62 | 709.16 -59.00 | SB_R/L | NB_R/L | 709.41 44.00 710.59 50.00 713.54 61.81 | R/W | TLE

0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 4:1

FO | FO | GAS | TEL | TEL

709.53 -54.74 | 709.72 -45.00 | 710.30 -16.00 | 710.62 0.00 | 710.07 27.74

CTH_Z_R/L

300+75

10.0 FT
10.0 FT

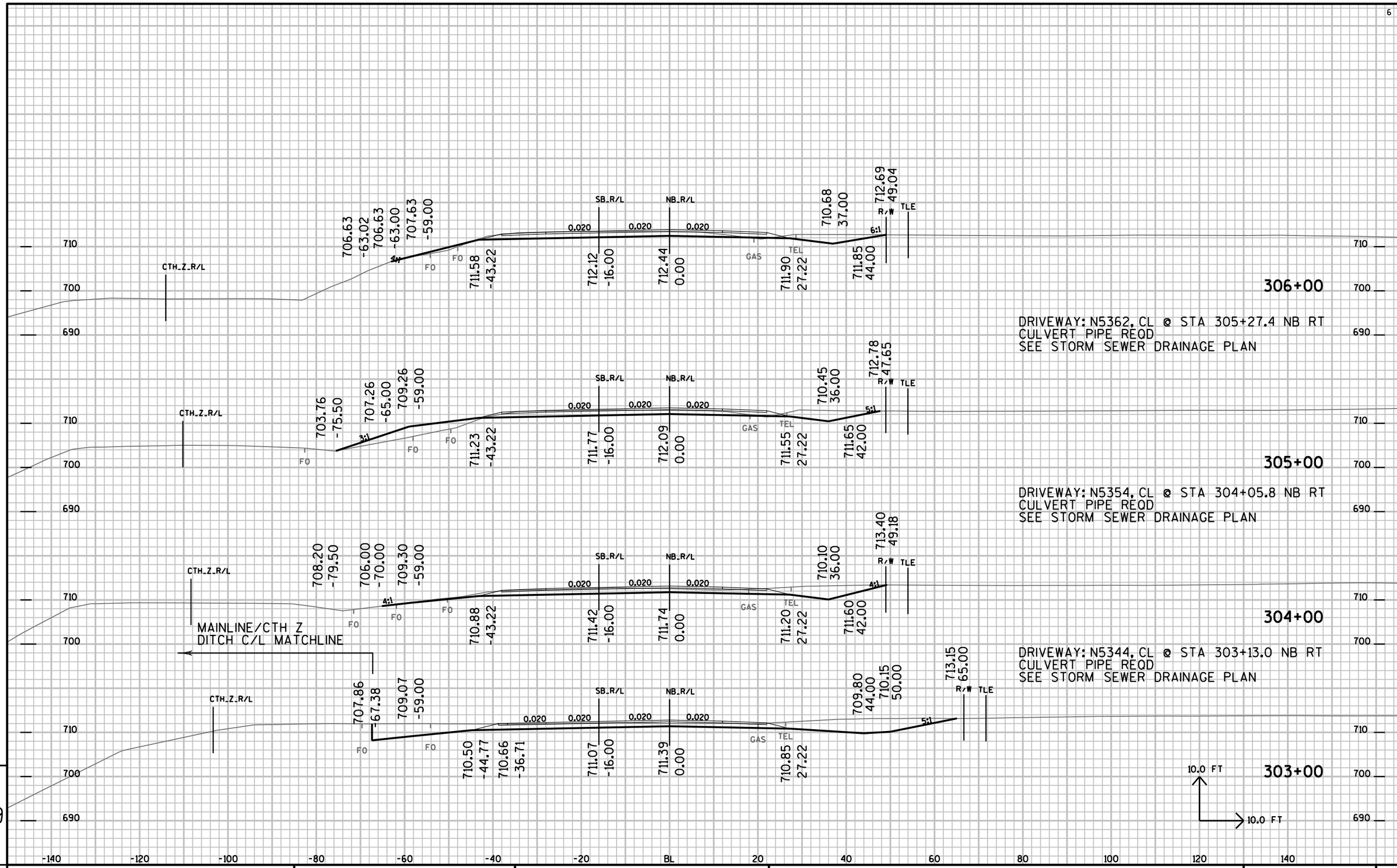
710 700 690 680

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

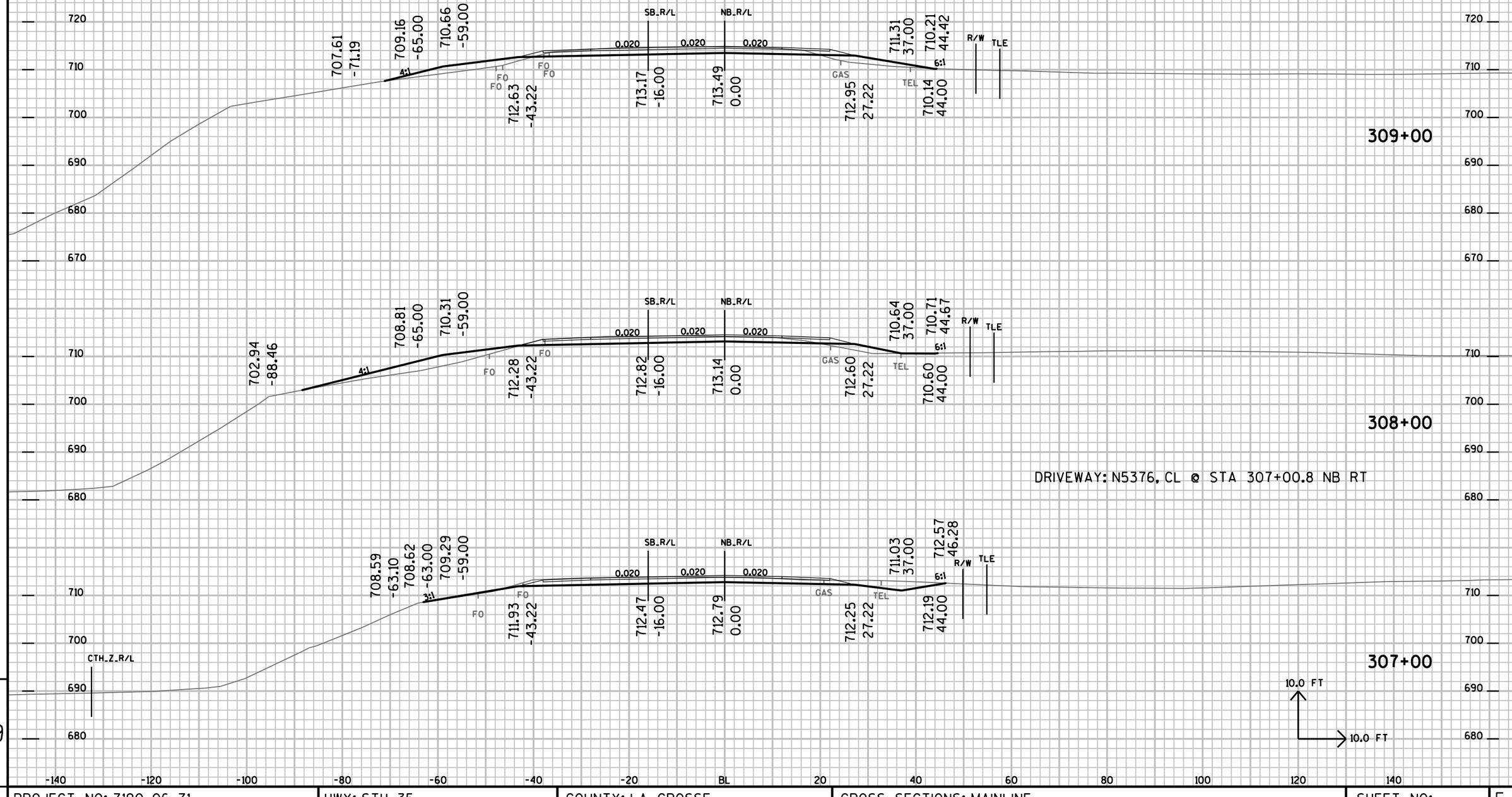
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

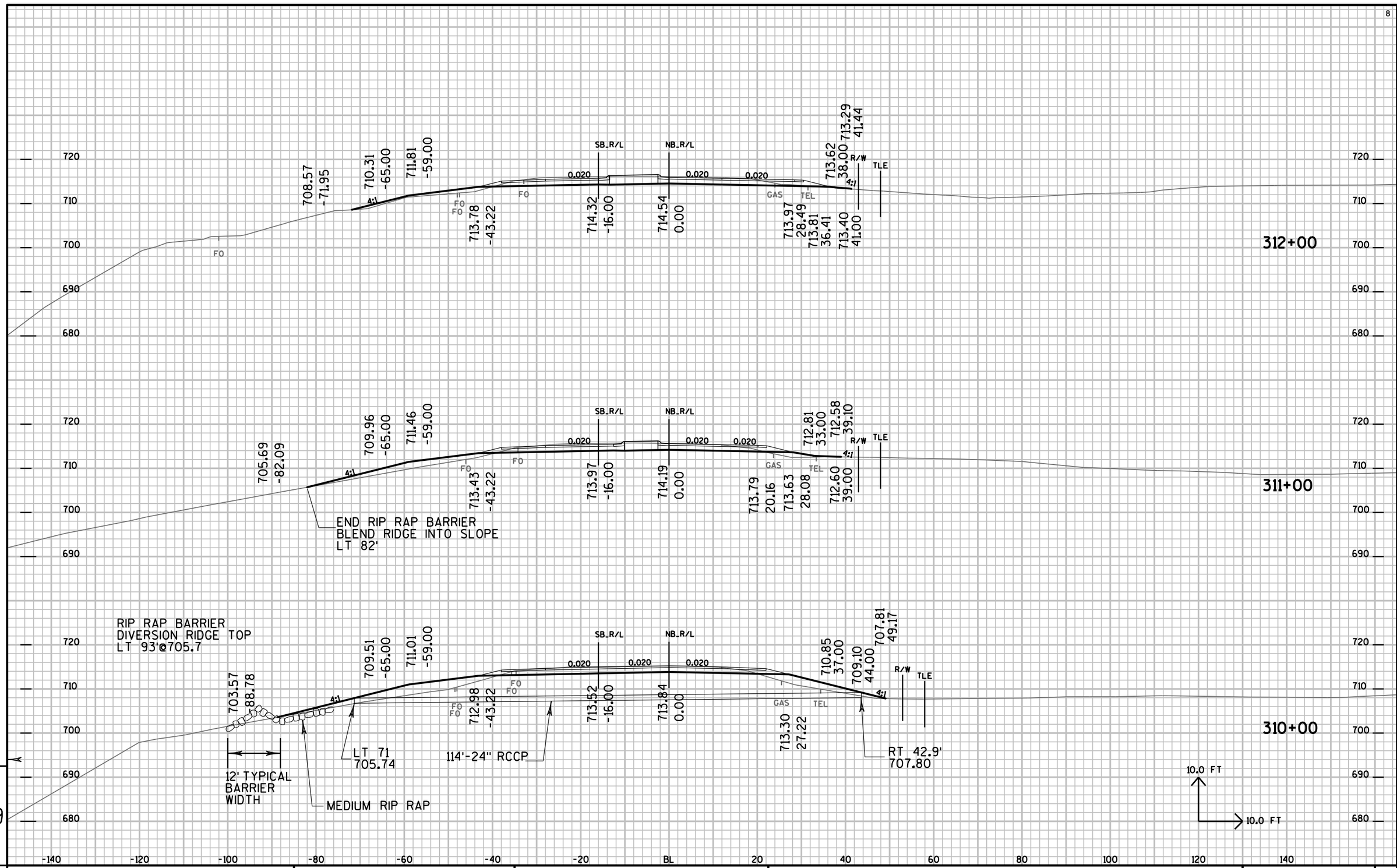
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DRIVEWAY: N5384, CL @ STA 309+31.0 NB RT
CULVERT PIPE REQD
SEE STORM SEWER DRAINAGE PLAN



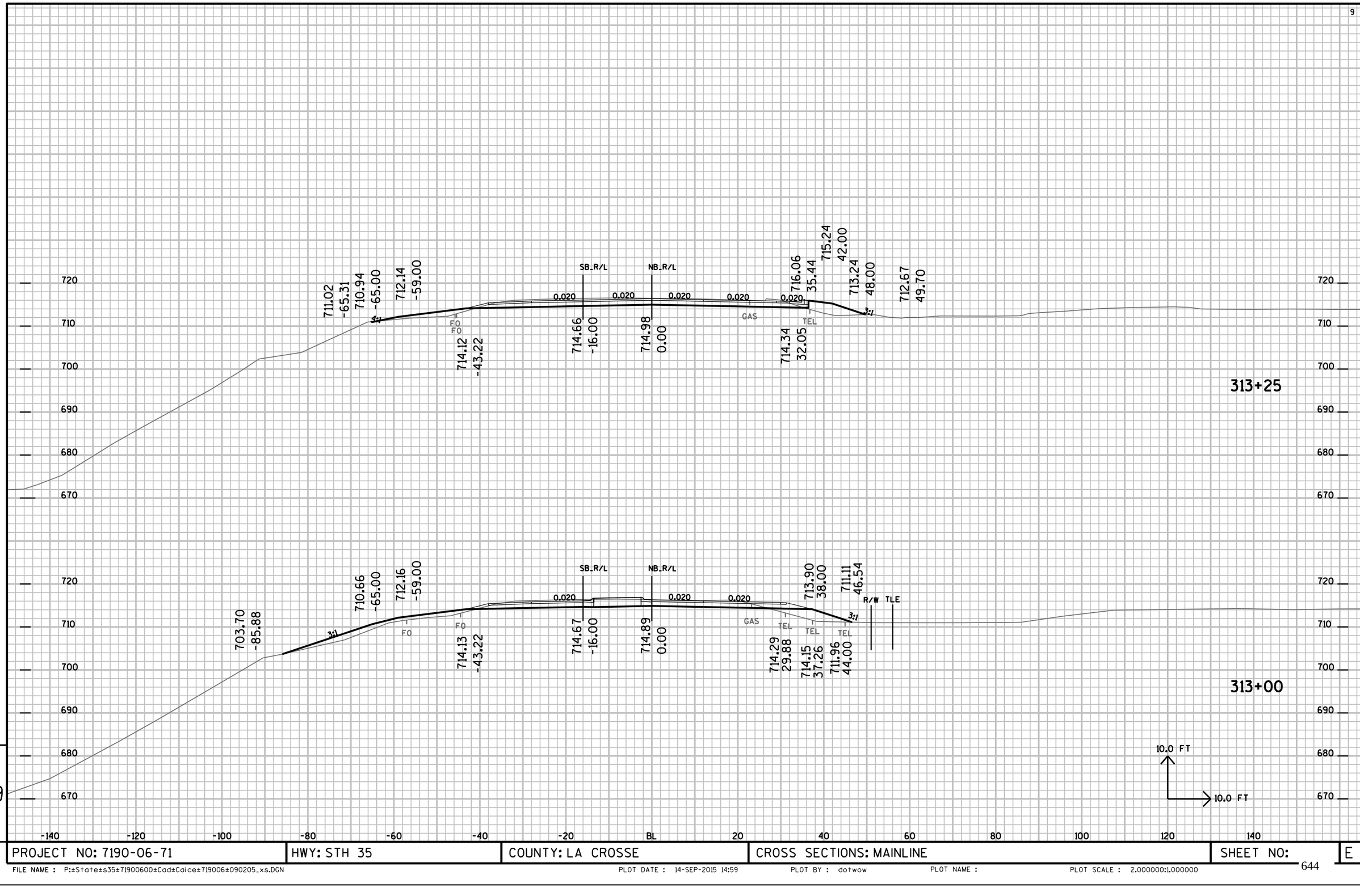
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



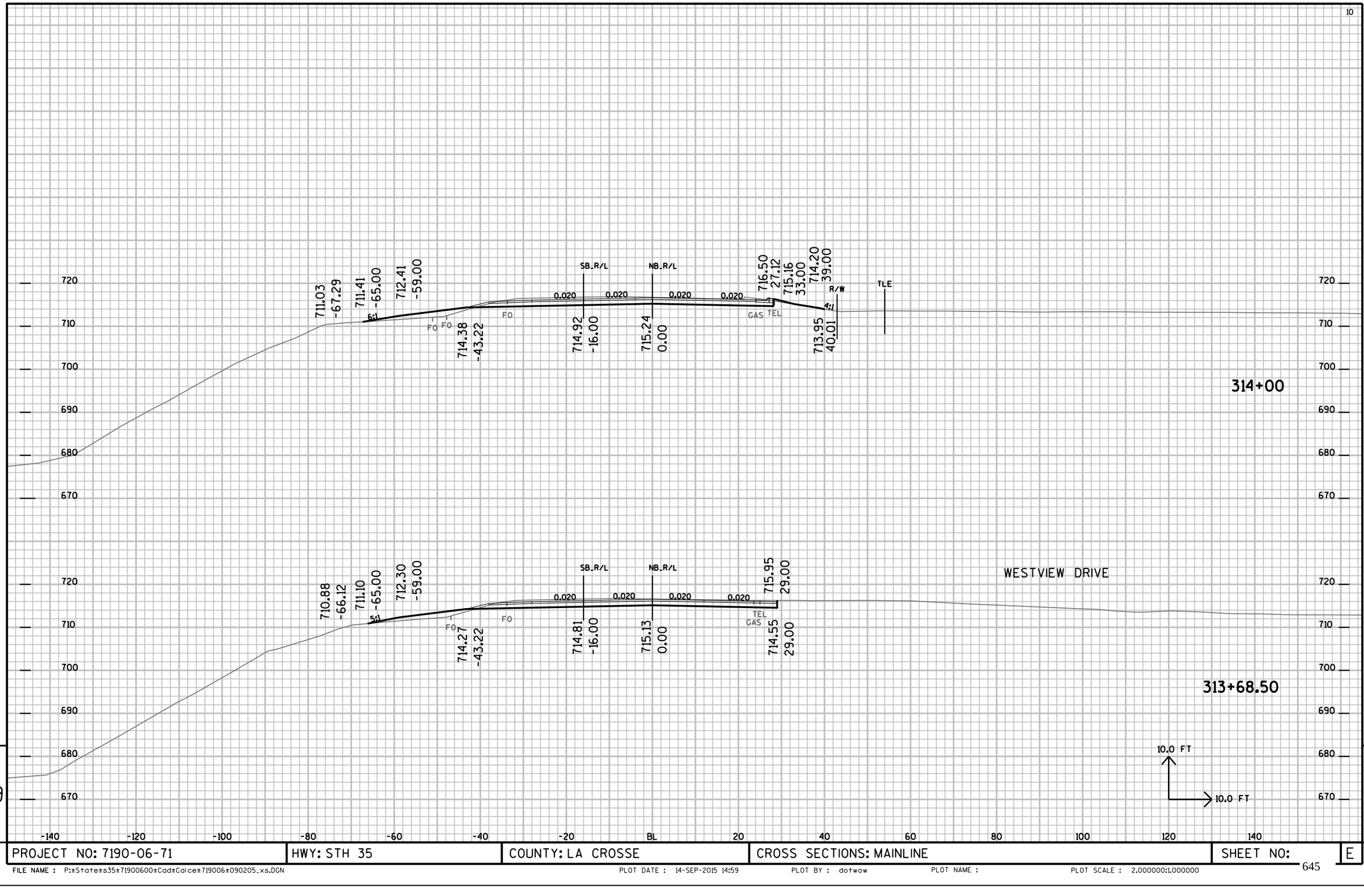
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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



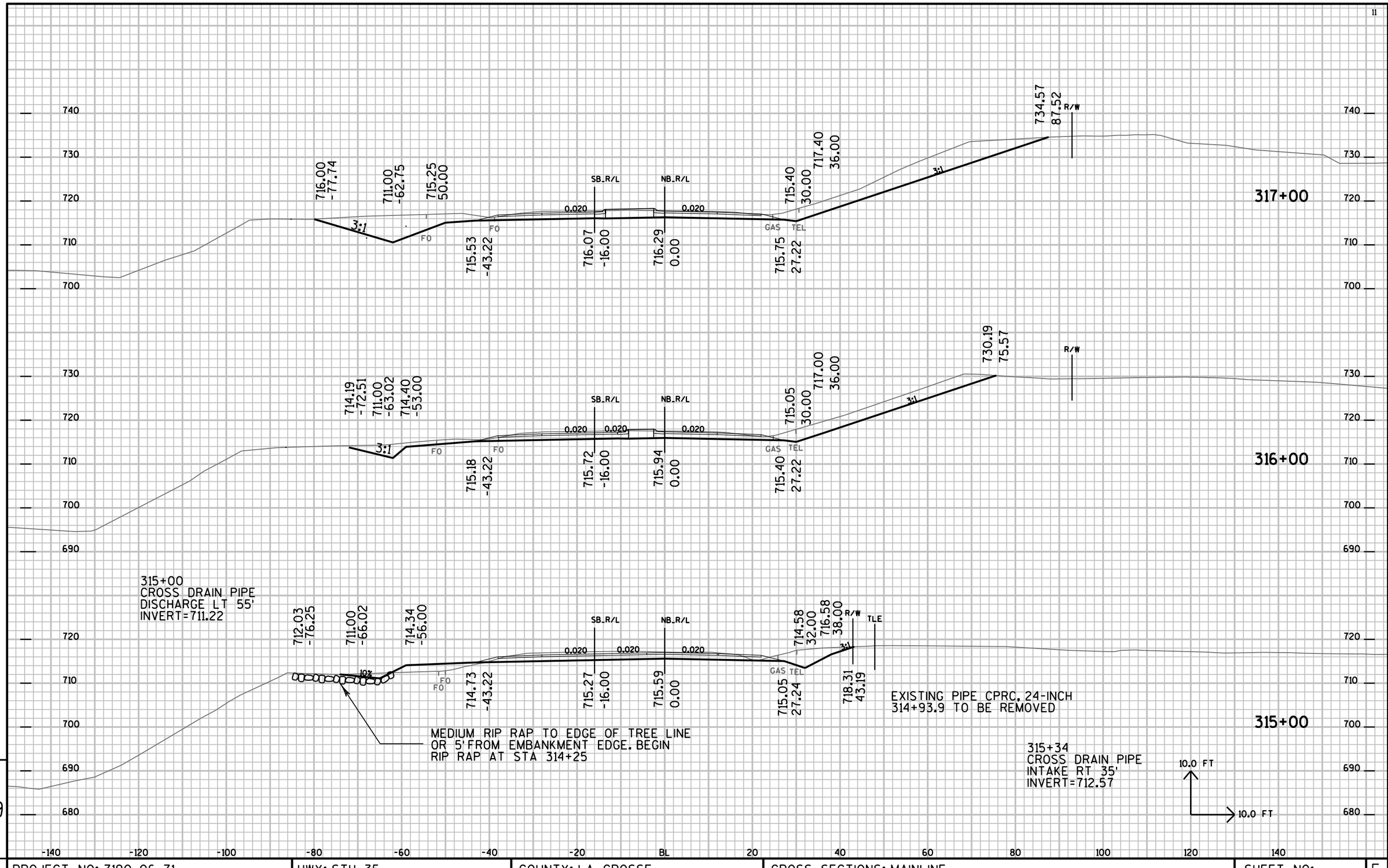
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

CLOVERDALE ROAD

PAVEMENT SURFACE=717.77
322+00 RT 44=
125+60.91 PL LT 2.02'

PIPE FLOWLINE=714.62
18-INCH CPRC

322+00

715.22 -76.94 | 711.00 -64.28 | 715.76 -50.0 | SB_R/L | NB_R/L | 717.98 29.00
0.020 | 0.020 | 0.020 | 0.020
3:1 | FO | FO | GAS | TEL
716.30 -43.22 | 716.84 -16.00 | 717.16 0.00 | 716.58 29.00

321+50

715.93 -79.16 | 711.00 -64.37 | 715.79 -50.0 | SB_R/L | NB_R/L | 718.27 32.88 | 714.50 44.00 | 4:1 | 716.54 52.15 | R/W | TLE
0.020 | 0.020 | 0.020
3:1 | FO | FO | GAS | TEL
716.24 -43.22 | 716.78 -16.00 | 717.10 0.00 | 716.50 29.80 | 717.24 37.00

321+00

716.24 -79.62 | 711.00 -63.89 | 715.63 -50.0 | SB_R/L | NB_R/L | 716.28 37.00 | 713.95 43.00 | 3:1 | 717.21 52.79 | R/W | TLE
0.020 | 0.020 | 0.020 | 0.020
3:1 | FO | FO | GAS | TEL
716.17 -43.22 | 716.71 -16.00 | 717.03 0.00 | 716.29 36.91

DRIVEWAY:N5474 CL @ STA 320+26.3 NB RT
CULVERT PIPE REQUIRED
SEE STORM SEWER & DRAINAGE PLAN

320+00

717.25 -82.55 | 711.00 -63.50 | 715.5 -50.0 | SB_R/L | NB_R/L | 715.94 37.00 | 715.50 43.00 | 4:1 | 713.04 52.85 | R/W
0.020 | 0.020 | 0.020 | 0.020
3:1 | FO | GAS | TEL
716.04 -43.22 | 716.58 -16.00 | 716.90 0.00 | 716.24 33.33

319+75
CROSS DRAIN PIPE
DISCHARGE LT 55.1'
INVERT=711.73

319+75
CROSS DRAIN PIPE
INTAKE RT 40.9'
INVERT=712.60

319+00

717.27 -81.90 | 711.00 -63.08 | 715.36 -50.0 | SB_R/L | NB_R/L | 715.05 37.00 | 715.44 43.00 | 5:1 | R/W
0.020 | 0.020 | 0.020 | 0.020
3:1 | FO | FO | GAS | TEL
715.91 -43.22 | 716.45 -16.00 | 716.77 0.00 | 716.22 27.66 | 715.35 43.00

318+00

716.75 -79.75 | 711.00 -62.51 | 715.17 -50.0 | SB_R/L | NB_R/L | 715.64 37.00 | 716.93 43.00 | 3:1 | 720.01 52.23 | R/W | TLE
0.020 | 0.020 | 0.020
3:1 | FO | GAS | TEL
715.71 -43.22 | 716.25 -16.00 | 716.57 0.00 | 716.03 27.22

DRIVEWAYS: N5448 CL @ STA 317+40.0 NB RT
N5458 CL @ STA 317+68.0 NB RT

10.0 FT | 10.0 FT

720 | 710 | 700

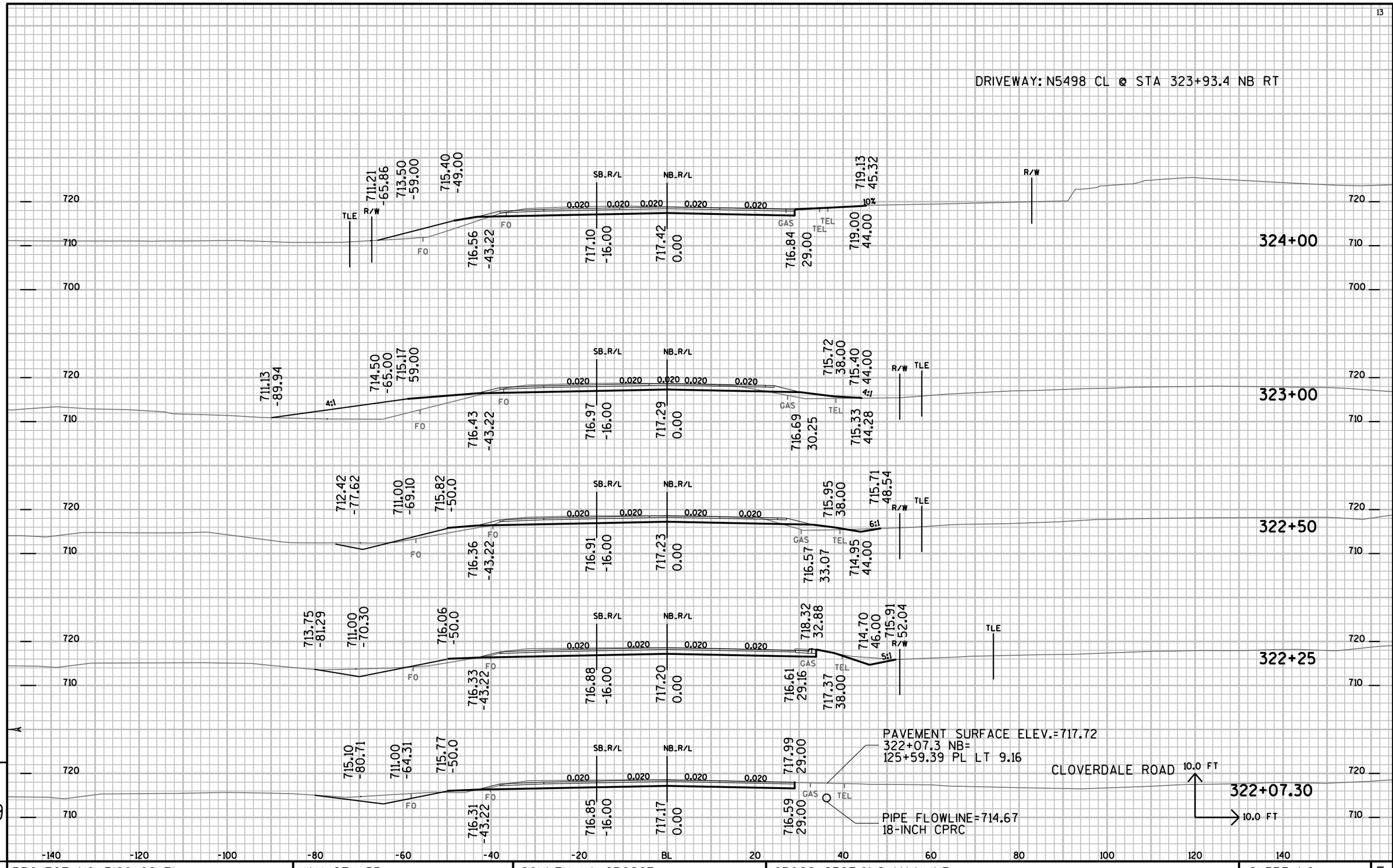
-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

9 | 9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

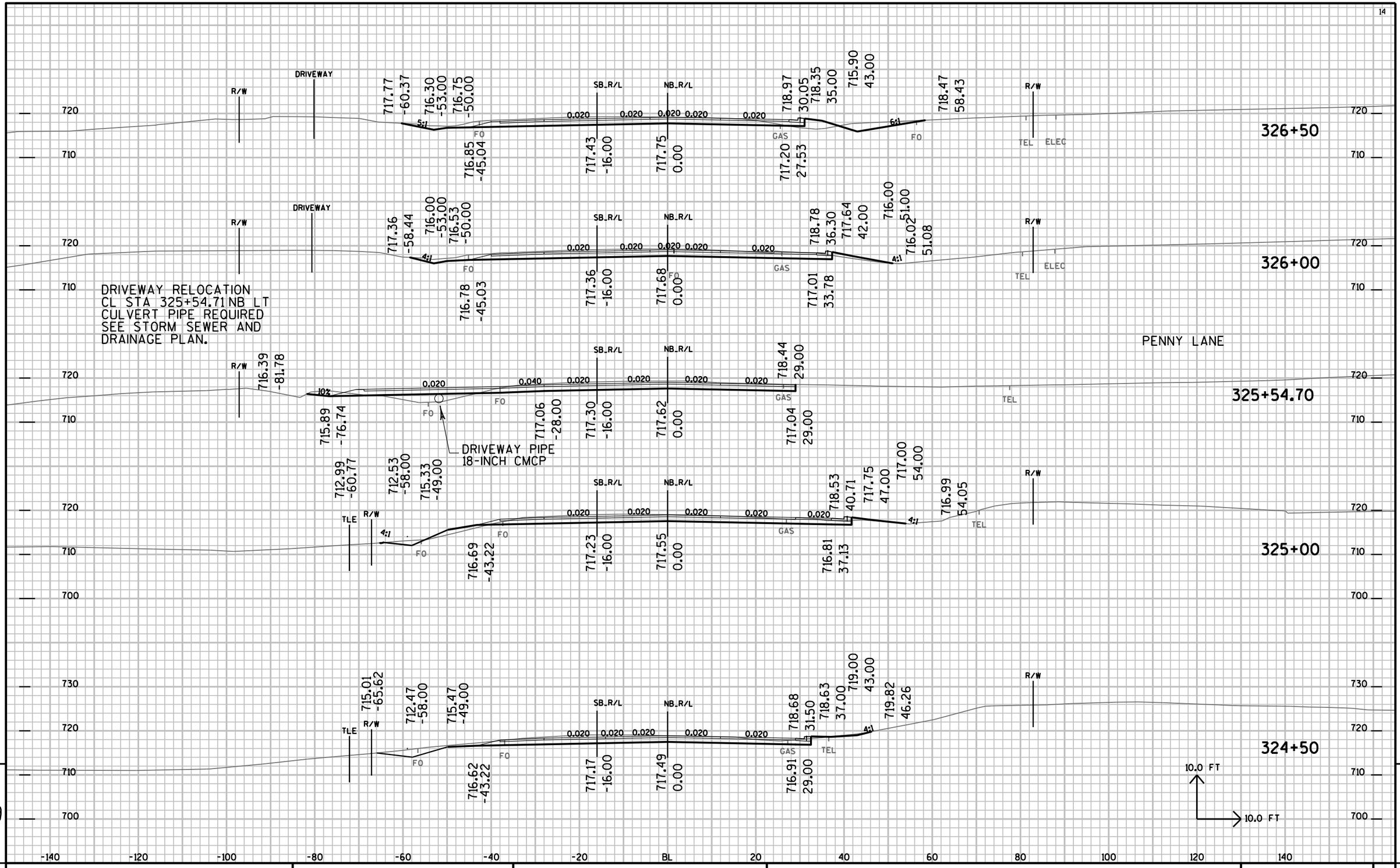
FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DRIVEWAY: N5498 CL @ STA 323+93.4 NB RT



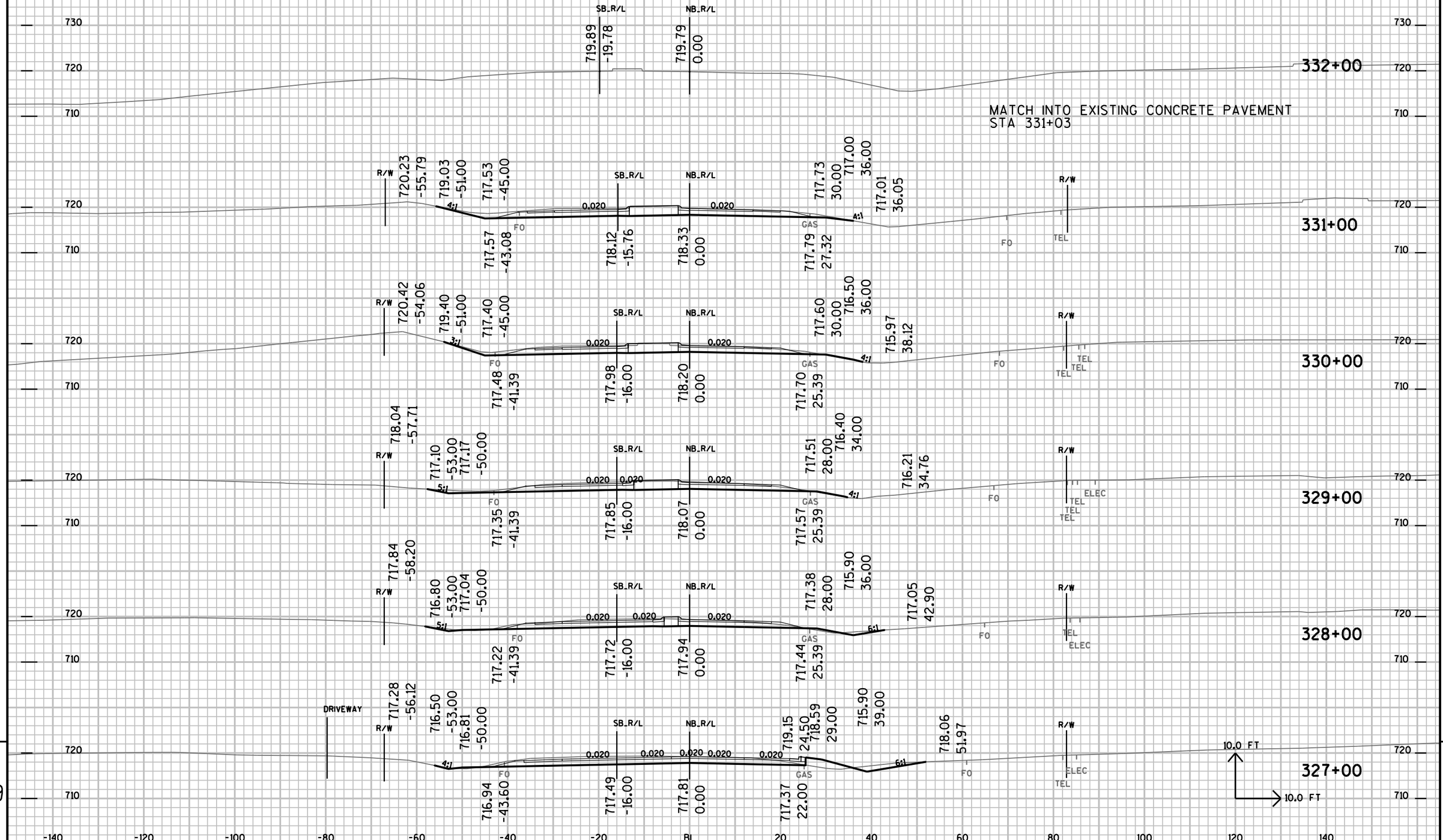
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



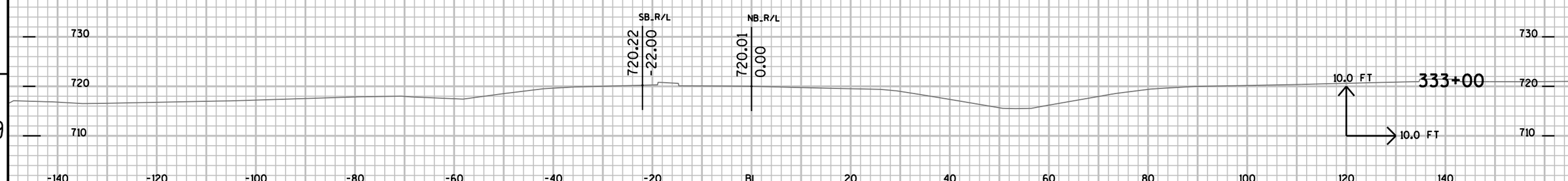
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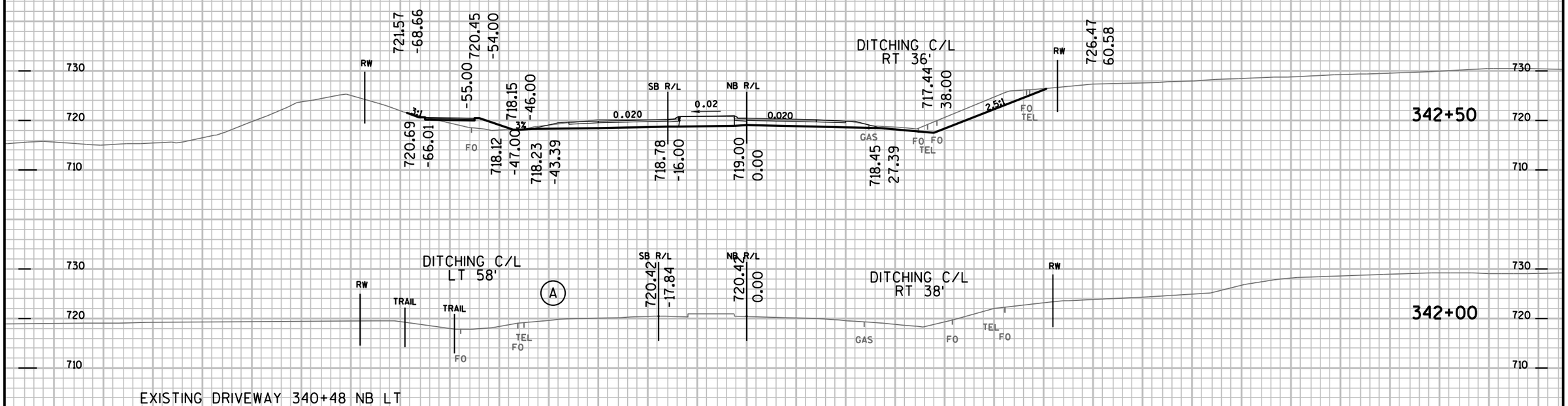
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090205_xs.DGN PLOT DATE : 14-SEP-2015 14:59 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

(A) TRAIL LOCATION-EXCAVATION AND DITCH SHAPING REQUIRED FOR TRAIL. MAINTAIN 2% TRAIL CROSS SLOPE TO DITCH. TRAIL TO FOLLOW EXISTING GROUND AND CAN BE PART OF DITCH CHANNEL

MATCH INTO EXISTING PAVEMENT
STA 342+50.0 NB



EXISTING DRIVEWAY 340+48 NB LT
ADJUST DITCH SHAPING TO PIPE INVERTS

PROPOSED DITCH SHAPING REFERENCE LINE

STATION	ELEVATION
342+00	717.80
341+00	717.60
340+00	717.20

DITCH SHAPING

STATION	ELEVATION
342+00	717.40
341+00	717.30
340+00	716.00

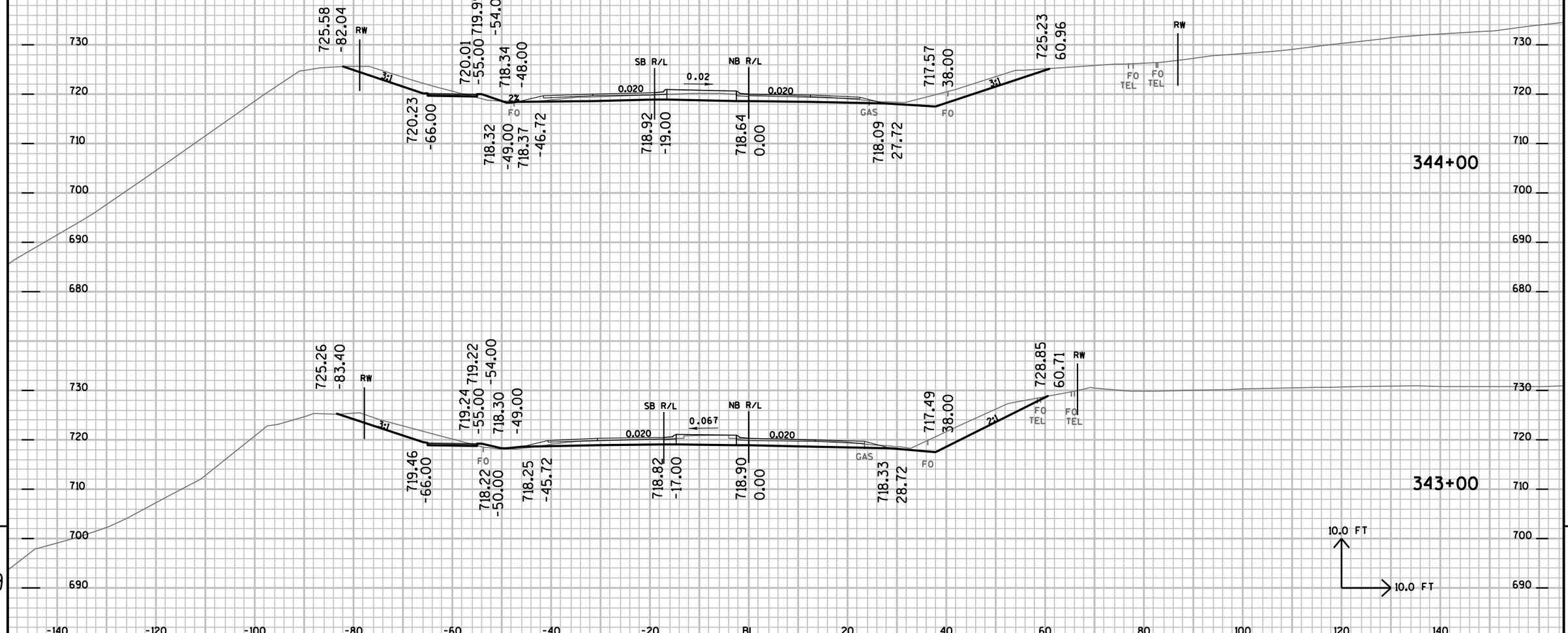
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

CONSTRUCTION PERMIT
LA CROSSE COUNTY PROPERTY
343+00 NB LT TO 353+00 NB LT

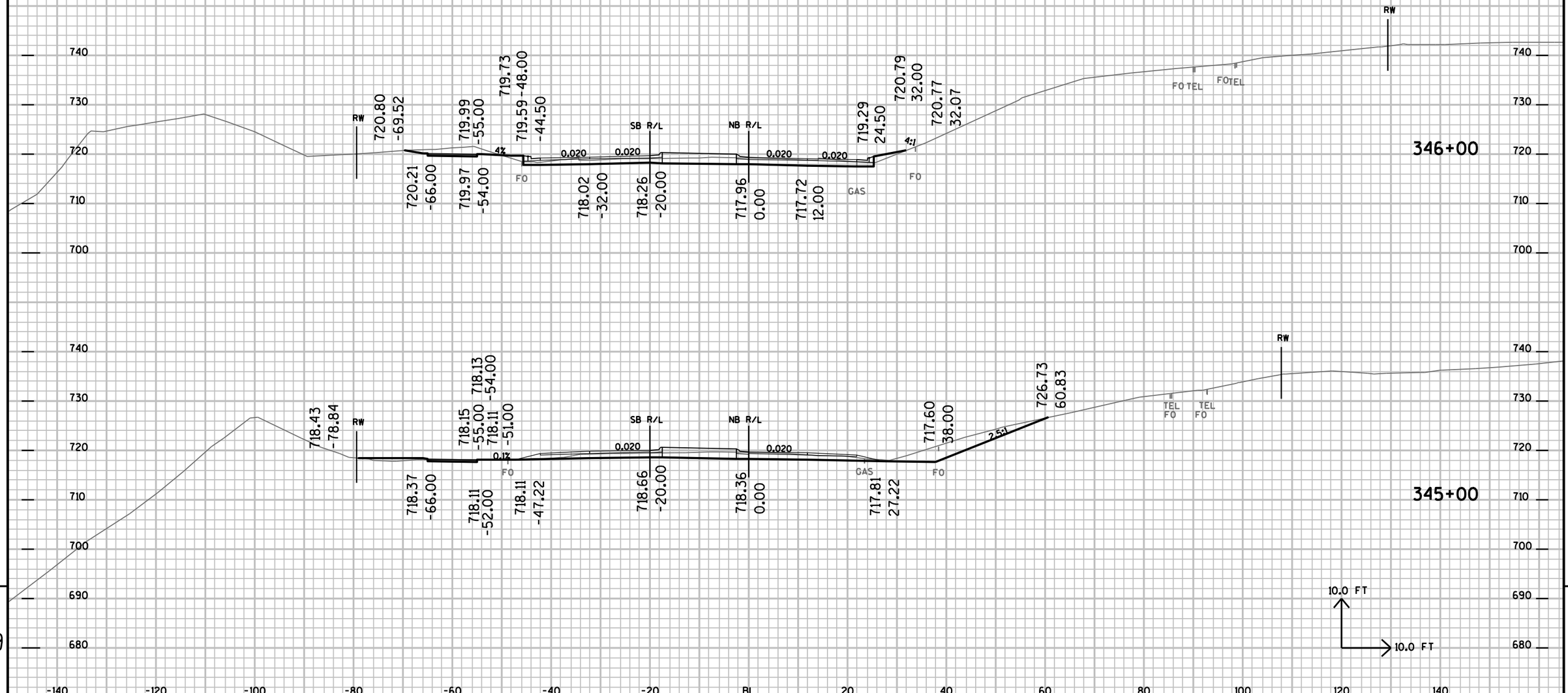


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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

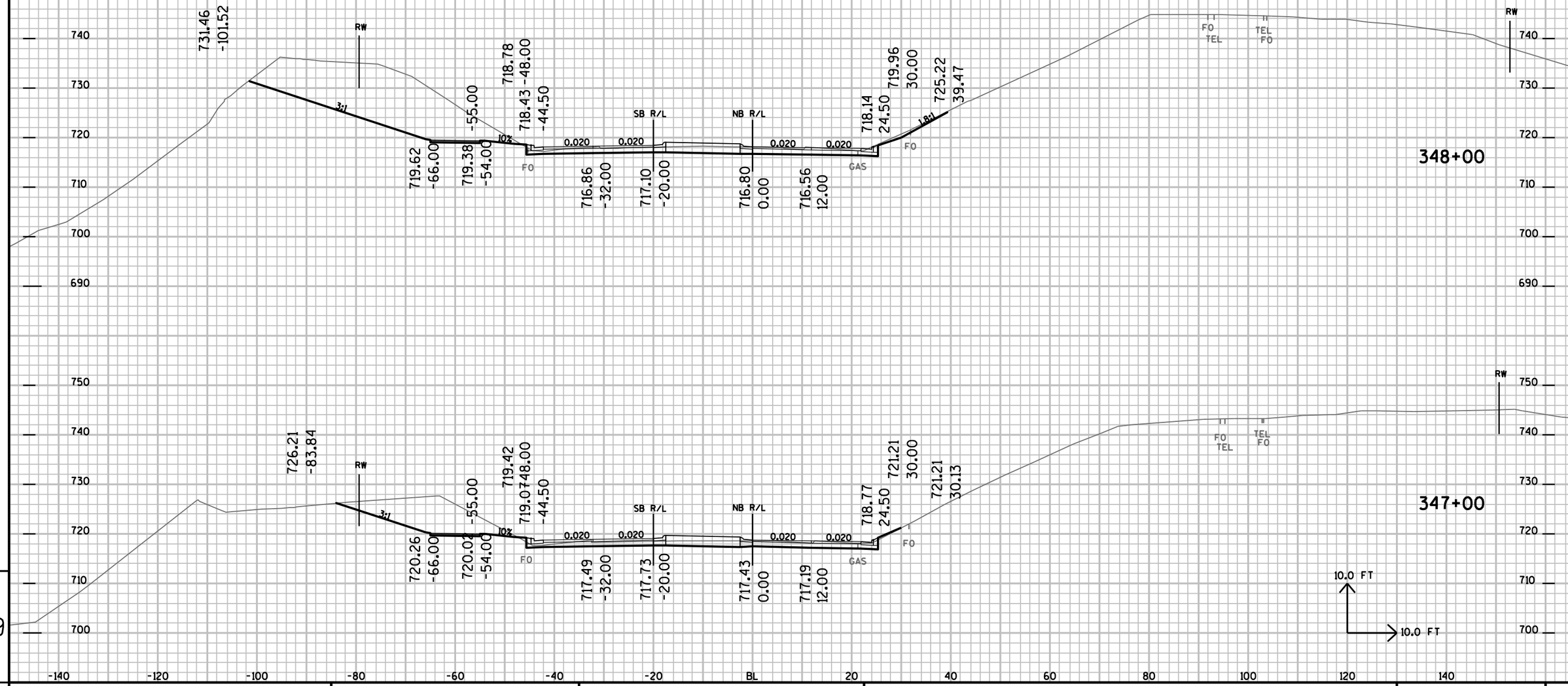


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



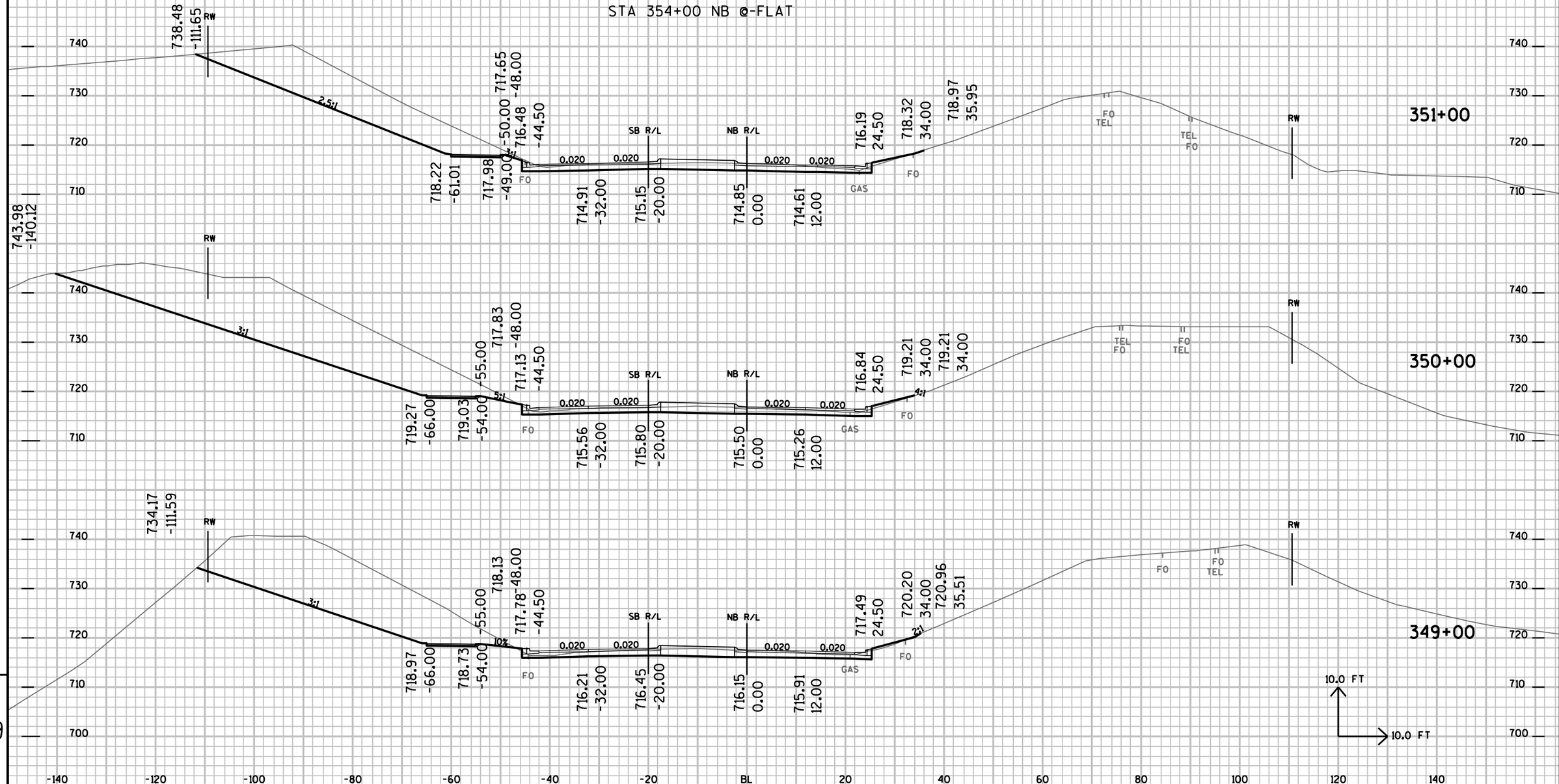
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MEDIAN ELEVATION/SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 351+00 NB @+2% TO
STA 354+00 NB @-FLAT



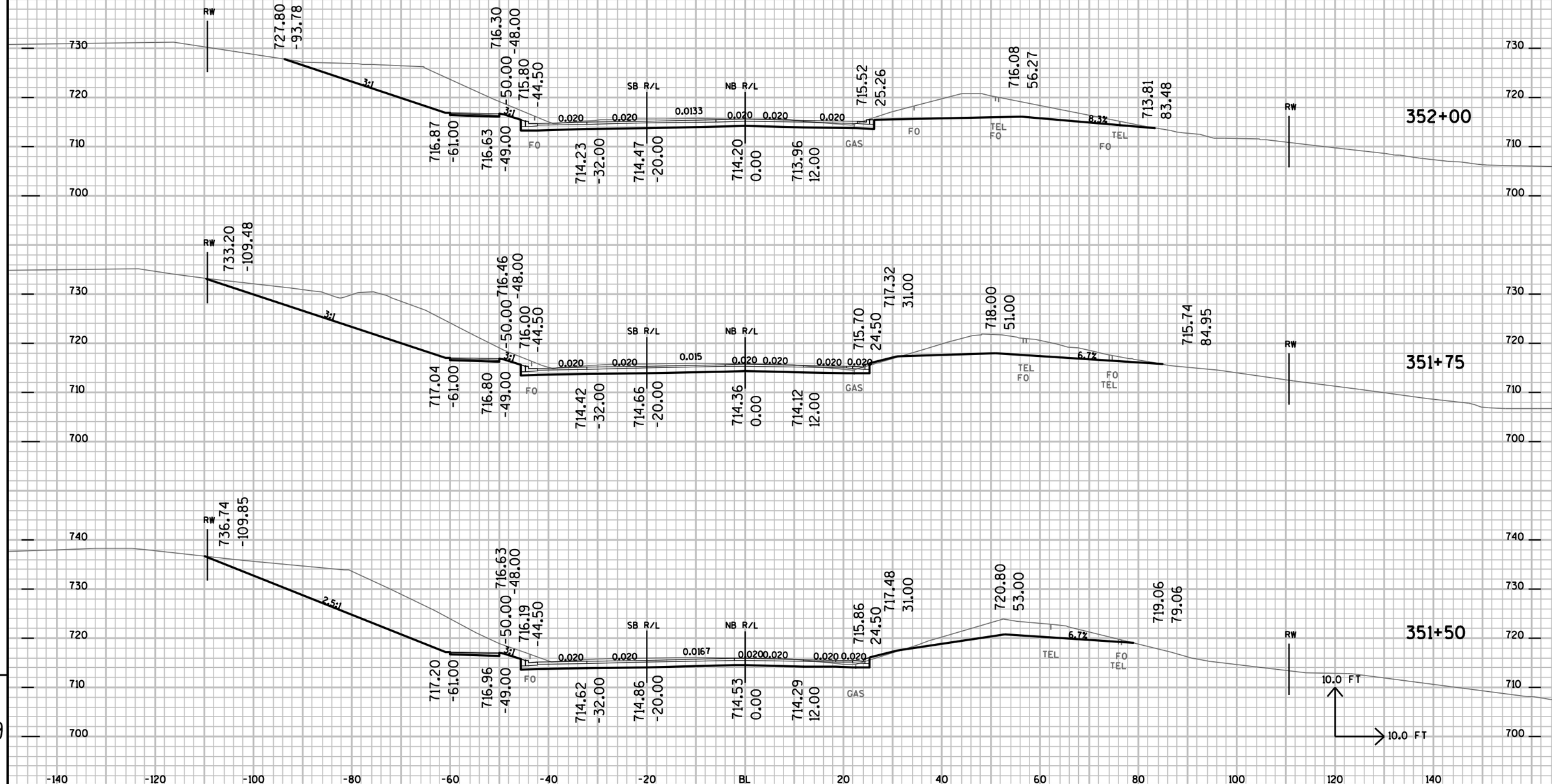
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FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

RELOCATED DRIVEWAY: N5712, CL @ STA 352+00.0 NB RT



9

9

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ULMAN STREET

SPRUCE ST

354+30

SPRUCE ST

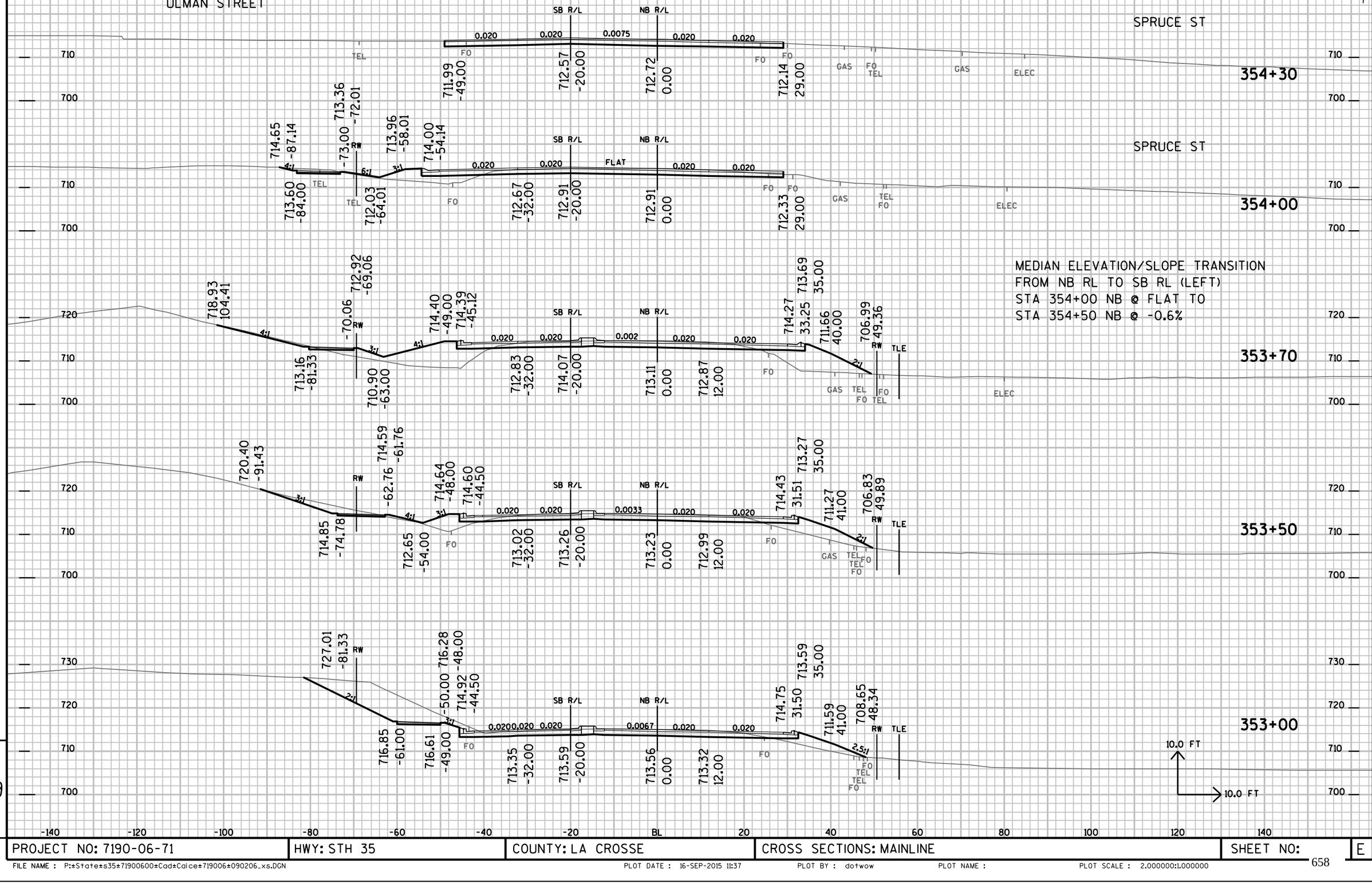
354+00

MEDIAN ELEVATION/SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 354+00 NB @ FLAT TO
STA 354+50 NB @ -0.6%

353+70

353+50

353+00



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

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FROM STA 355+00 SB TO
STA 359+10 SB, DITCH SHAPING
FILL WORK FOR DRAINAGE.
PRESERVE EXISTING TREES ALONG
R/W DURING WORK

DITCH SHAPING

RA= RYAN AVE C/L

358+00
357+00
356+00
355+50
355+00
354+80

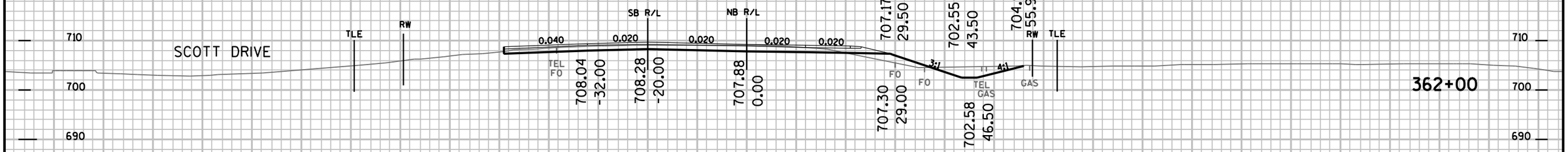
10.0 FT
10.0 FT

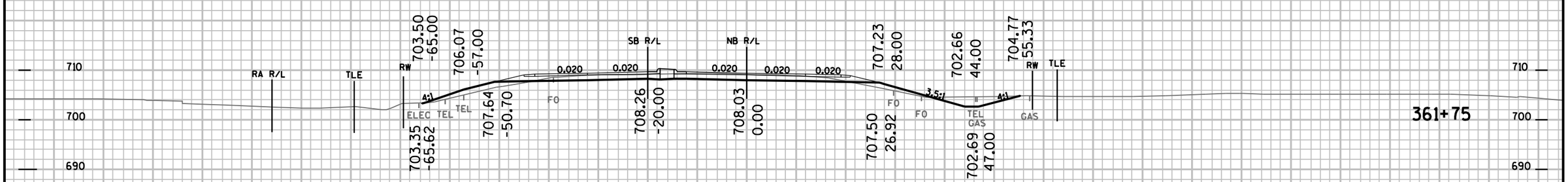
-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

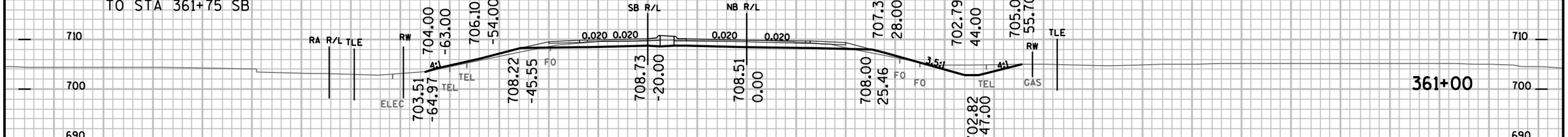
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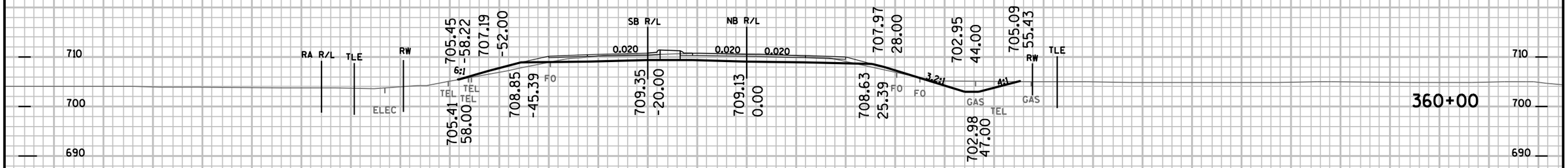
SCOTT DRIVE

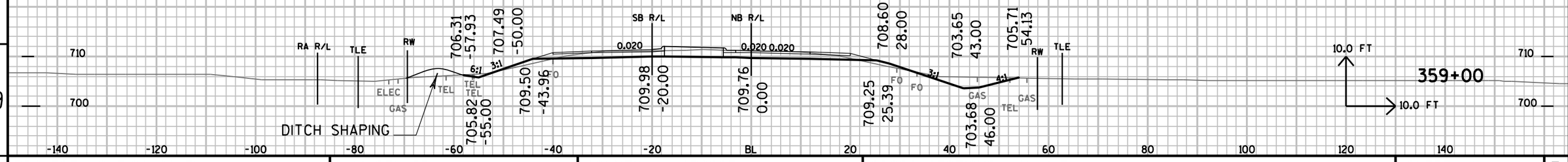




PRESERVE EXISTING TREES WHEN
SHAPING SLOPES, STA 359+00 SB
TO STA 361+75 SB







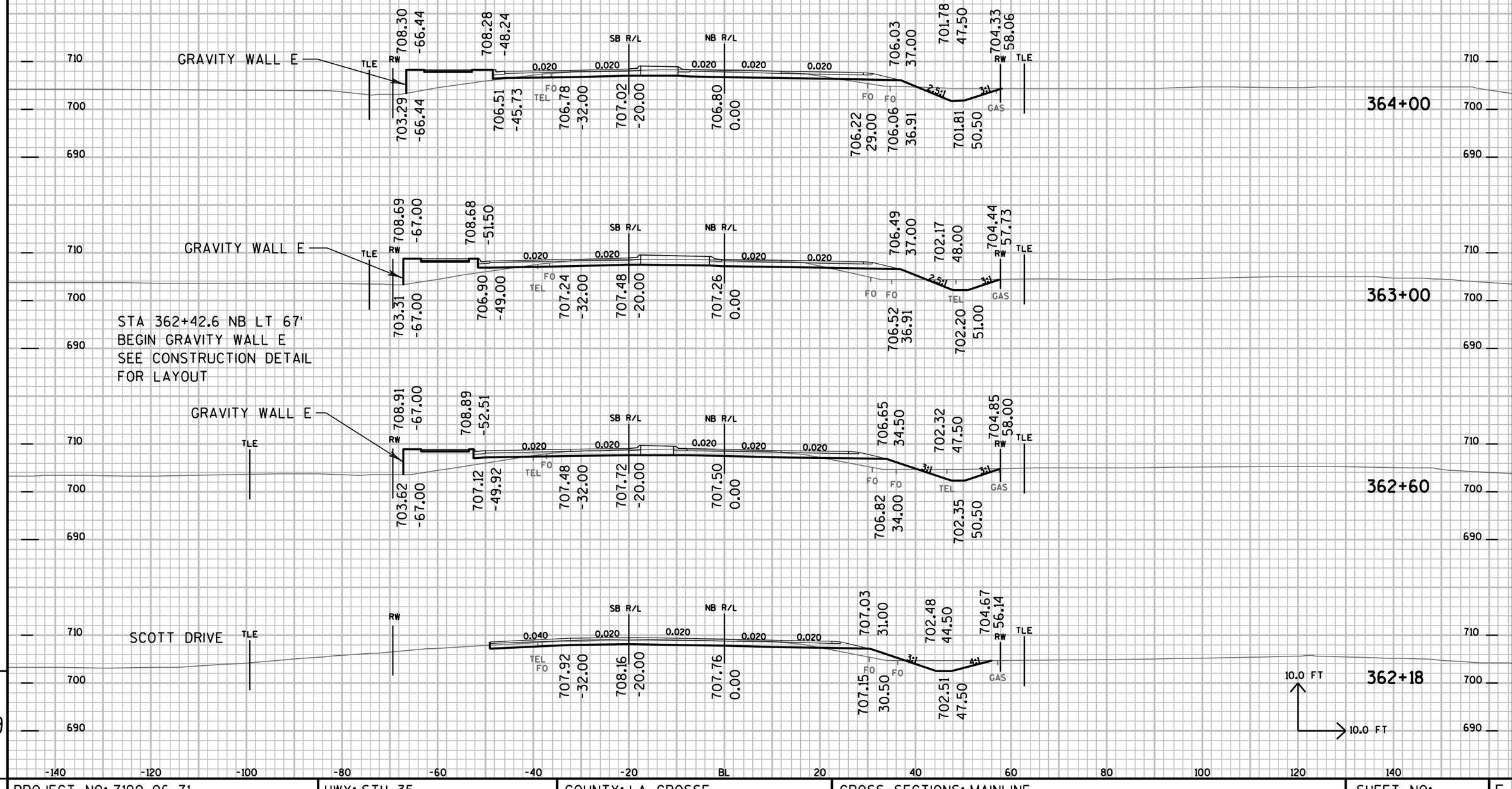
DITCH SHAPING

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

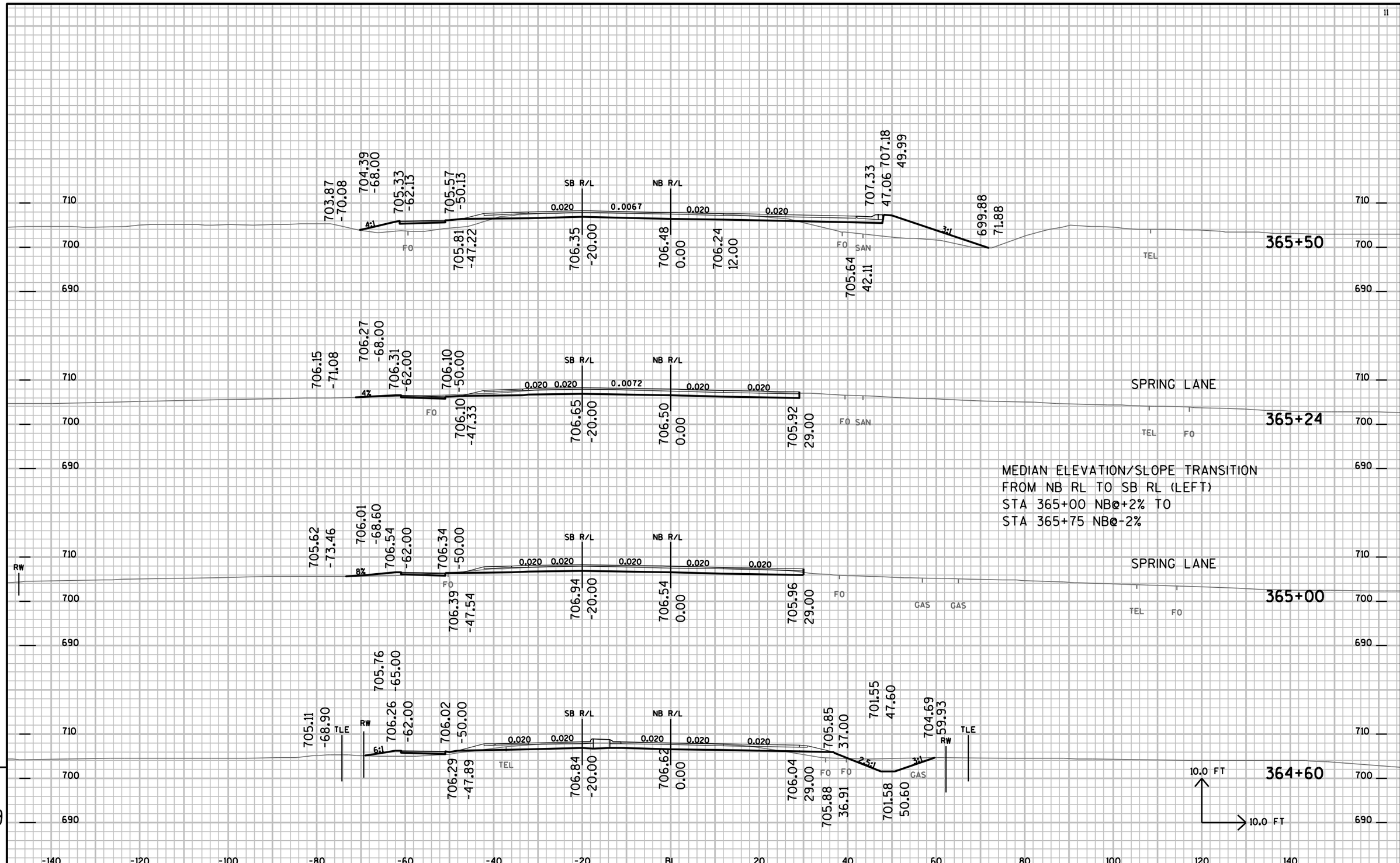
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END GRAVITY WALL E
AT 364+55.3 NB LT 65.5



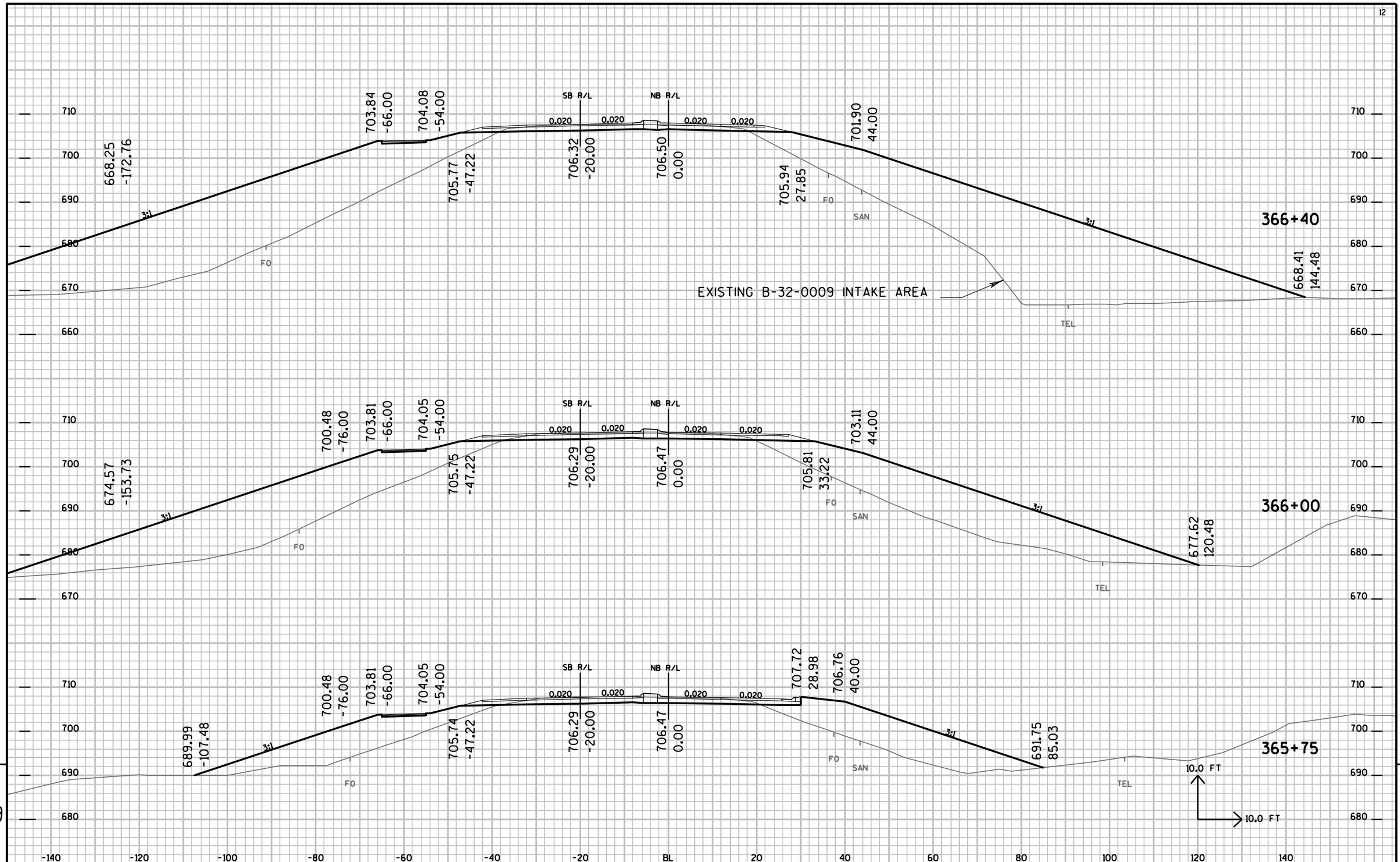
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



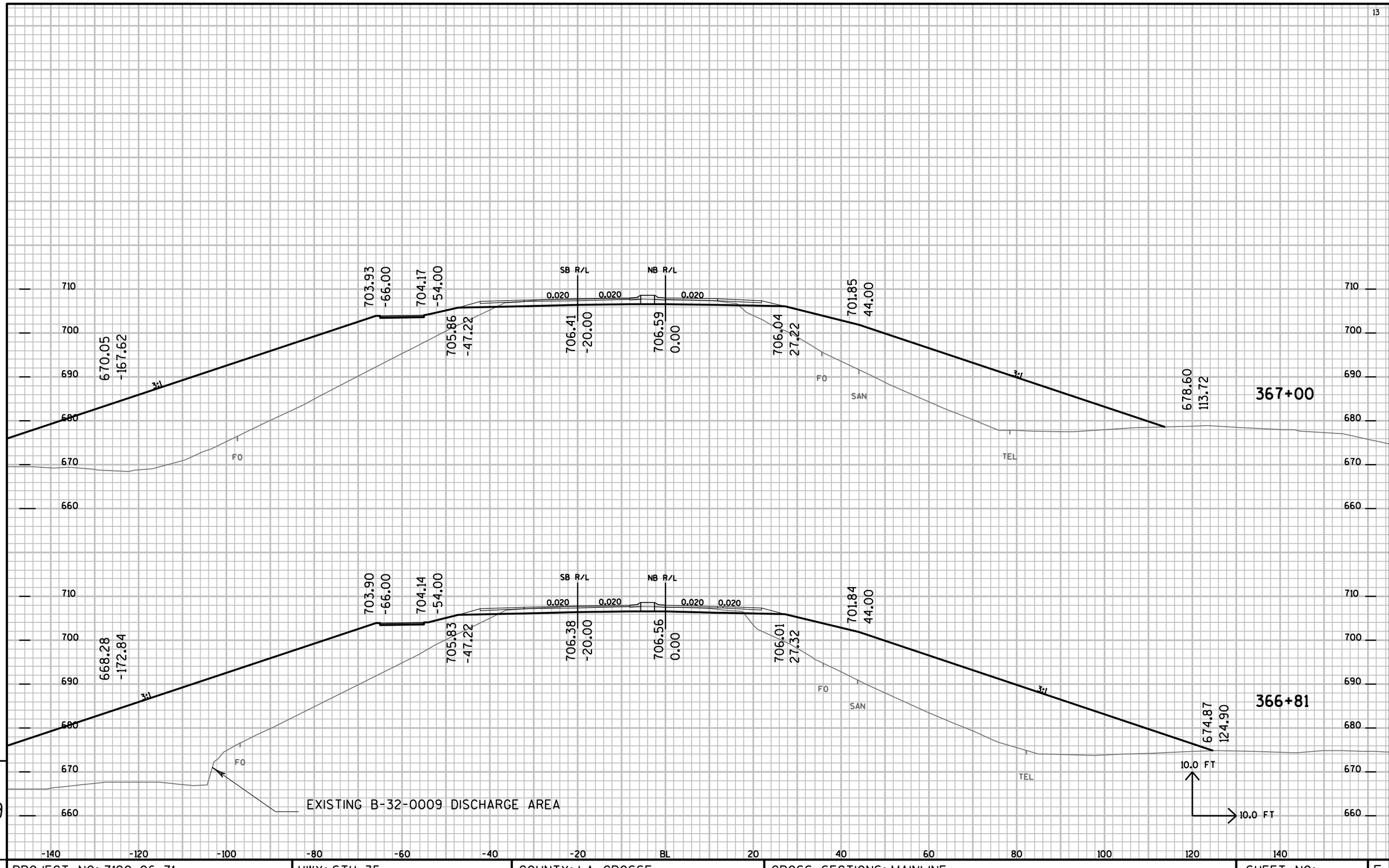
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

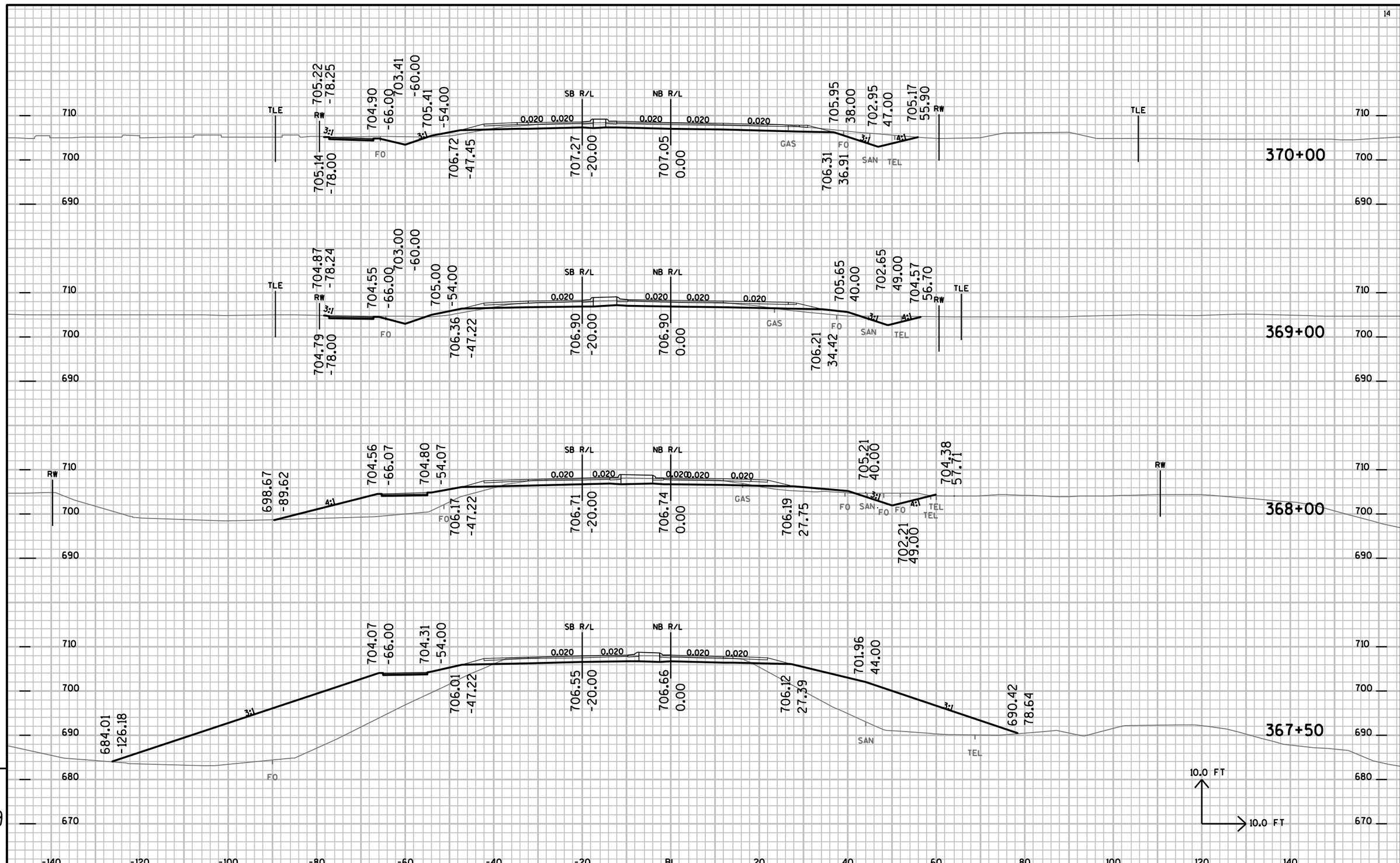
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9 9

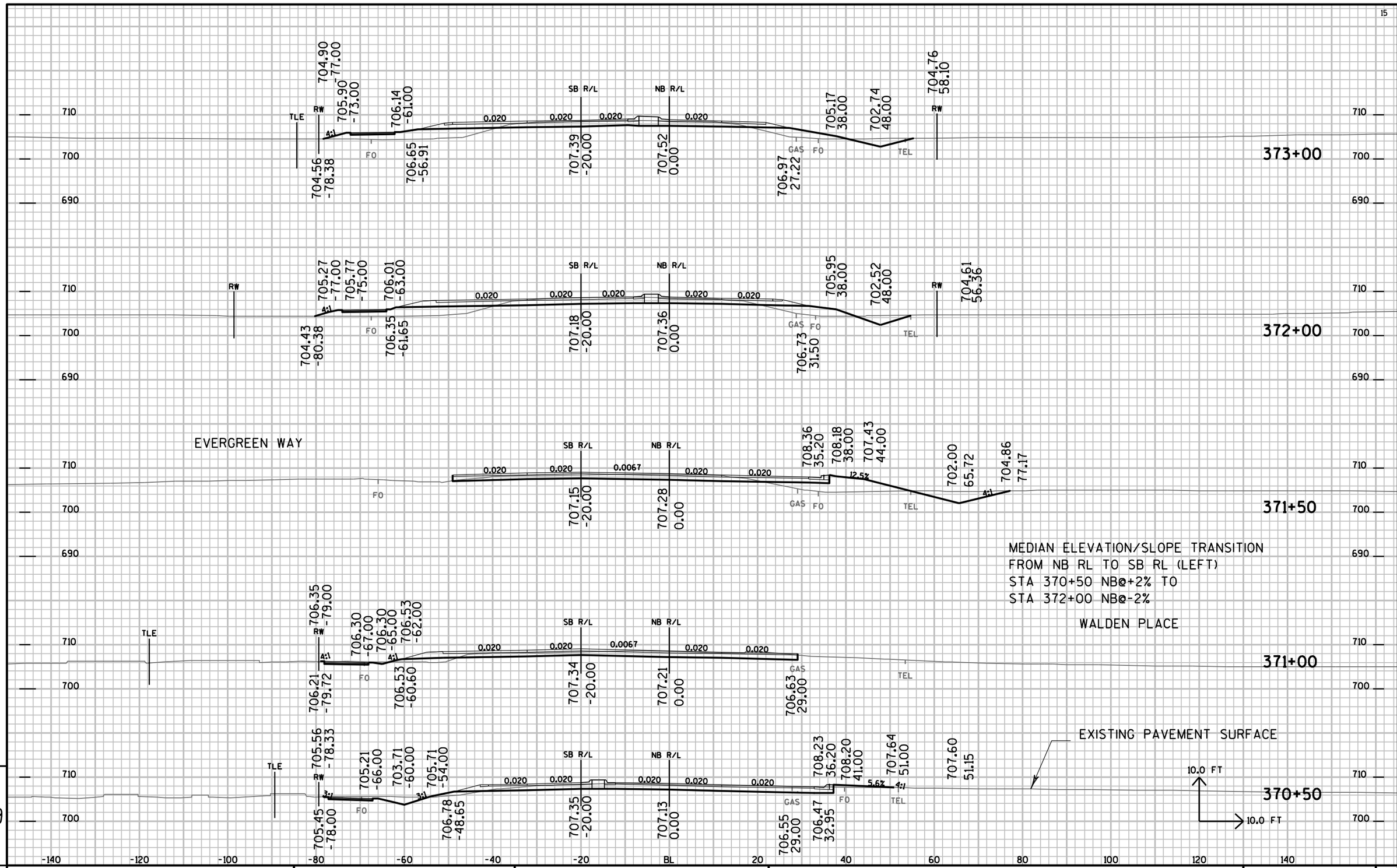
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DRIVEWAY: N5898 CL @ STA 377+51.0 NB LT
CULVERT PIPE REQUIRED.
SEE STORM SEWER DRAINAGE PLAN

377+50

MEDIAN PAVEMENT ELEVATION/SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 377+50 NB@+2% TO
STA 378+50 NB@-2%

DRIVEWAY: N5825 CL @
STA 377+01.3 NB LT
CULVERT PIPE REQUIRED.
SEE STORM SEWER DRAINAGE PLAN

377+00

DRIVEWAY: N5889 CL @
STA 375+87.5 NB LT
CULVERT PIPE REQUIRED.
SEE STORM SEWER DRAINAGE PLAN

376+50

376+00

375+00

374+00

10.0 FT
10.0 FT

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

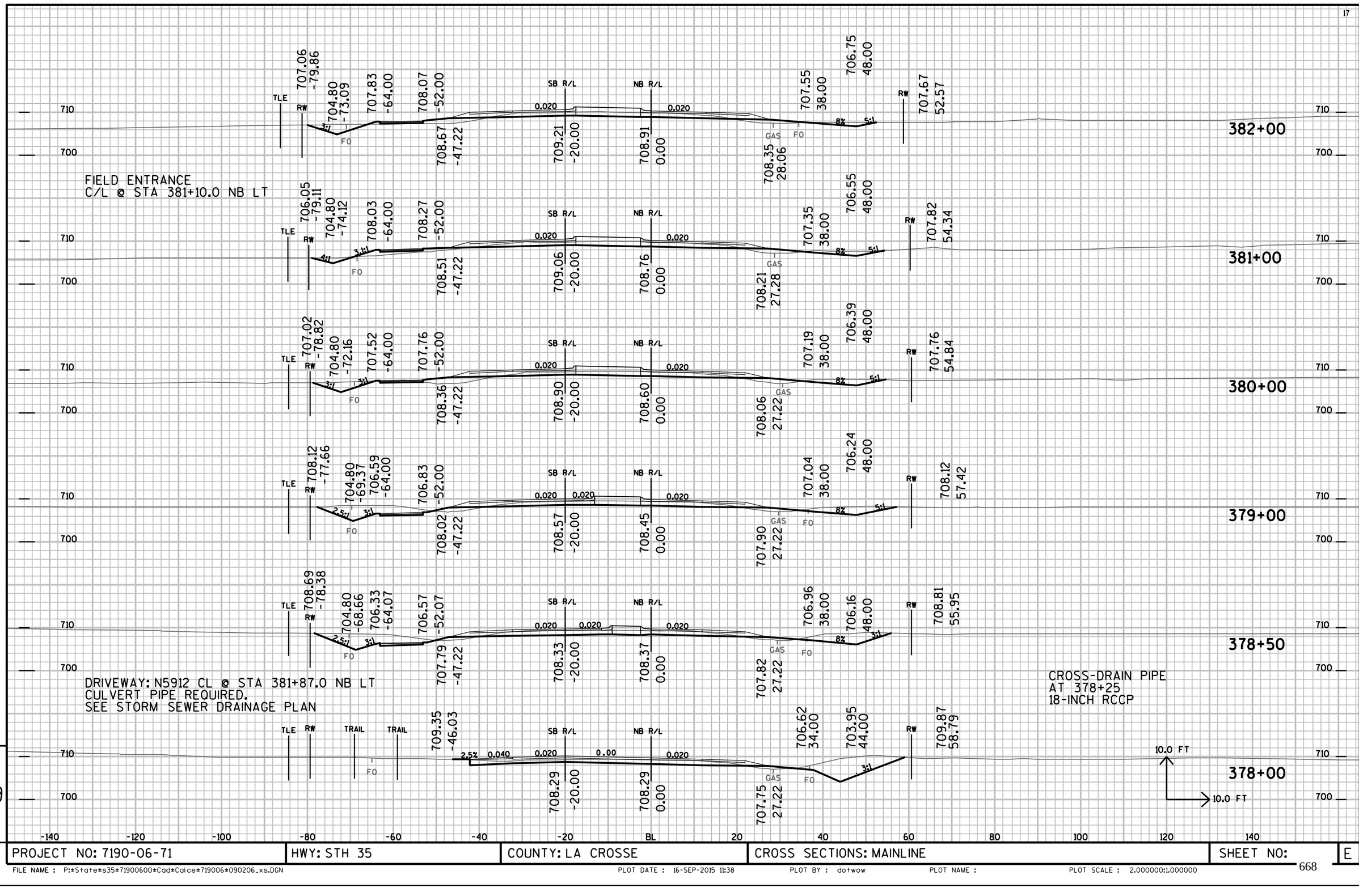
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:37 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

FIELD ENTRANCE
C/L @ STA 381+10.0 NB LT

DRIVEWAY: N5912 CL @ STA 381+87.0 NB LT
CULVERT PIPE REQUIRED.
SEE STORM SEWER DRAINAGE PLAN

CROSS-DRAIN PIPE
AT 378+25
18-INCH RCCP



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

PINEVIEW DRIVE RELOCATION

MEDIAN PAVEMENT ELEVATION/SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 386+75 NB@ FLAT TO
STA 387+00 NB@+1%

386+82

386+00

MEDIAN PAVEMENT ELEVATION/SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 385+75 NB@ +2% TO
STA 386+00 NB@+1%
STA86+00 NB@+1% TO
STA 386+15 NB@ 'FLAT'

385+00

384+00

383+00

10.0 FT
10.0 FT

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:38 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCH INTO SB PAVEMENT
AT STA 389+00

EXISTING PAVEMENT

MATCH INTO
CUL-DE-SAC
PAVEMENT

389+00

MEDIAN ISLAND SLOPE TRANSITION
STA 388+18 NB@-1%
STA 388+28 NB@-2%

MAINTAIN EXISTING
DRAINAGE DITCH

388+50

LEFT TURN BAY PAVEMENT SLOPE
FROM NB RL(LEFT)
388+78 NB@-1% TO
391+00 NB@-1%

388+00

* ISLAND SLOPE:
ADJUST TO MATCHING
PAVEMENT AT 389+00 SB

387+75

MEDIAN ISLAND/PAVEMENT SLOPE TRANSITION
FROM NB RL TO SB RL (LEFT)
STA 387+00 NB@+1% TO
STA 388+18 NB@-1%

PINEVIEW DRIVE RELOCATION

387+50

387+00

10.0 FT
10.0 FT

-140 -120 -100 -80 -60 -40 -20 BL 20 40 60 80 100 120 140

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:38 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

394+00

393+00

392+00

391+00

390+00

Ⓐ TRAIL LOCATION- EXCAVATION AND DITCH SHAPING REQUIRED FOR TRAIL. MAINTAIN 2% TRAIL CROSS SLOPE TO DITCH. TRAIL TO FOLLOW EXISTING GROUND AND CAN BE PART OF DITCH CHANNEL

EXISTING PAVEMENT

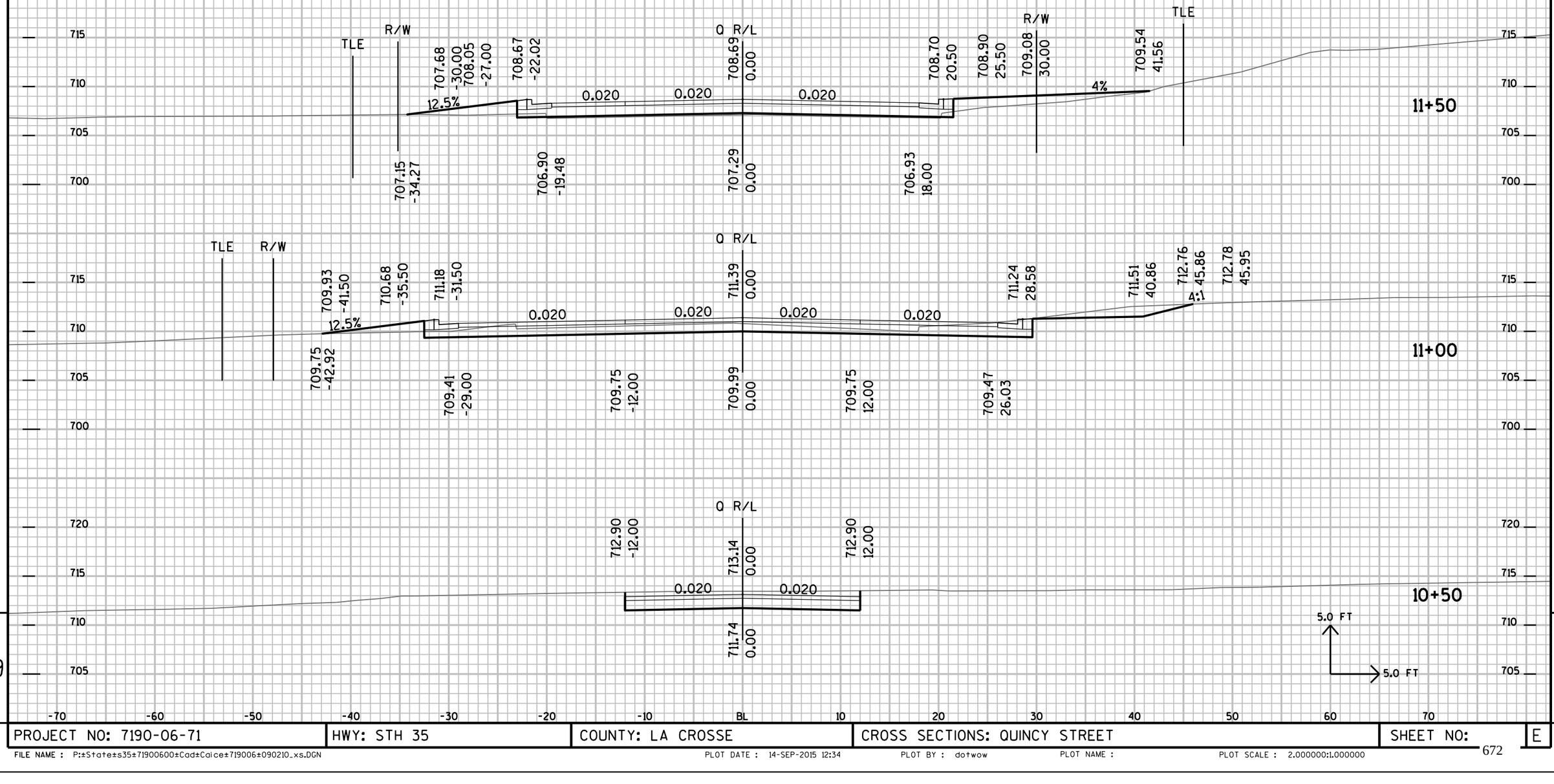
MATCH INTO NB PAVEMENT AT STA 392+00

MATCH INTO CUL-DE-SAC SHOULDER FROM TRAIL

STA 389+40 TO STA 390+02
SEE CUL-DE-SAC CROSS SECTIONS FOR BACK OF CURB DITCH SLOPE

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090206_xs.DGN PLOT DATE : 16-SEP-2015 11:38 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



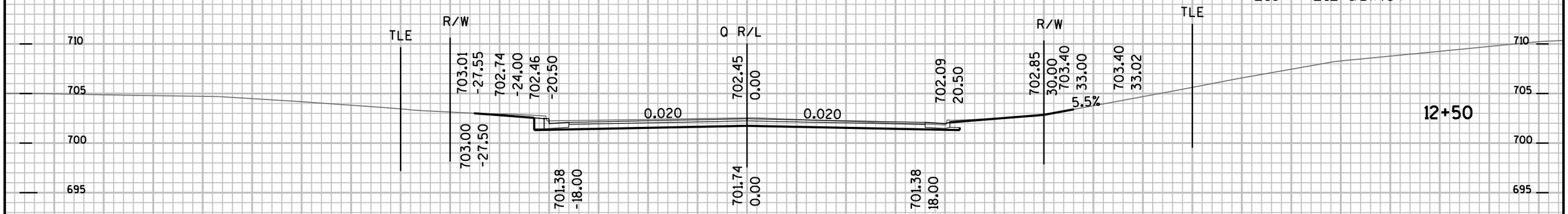
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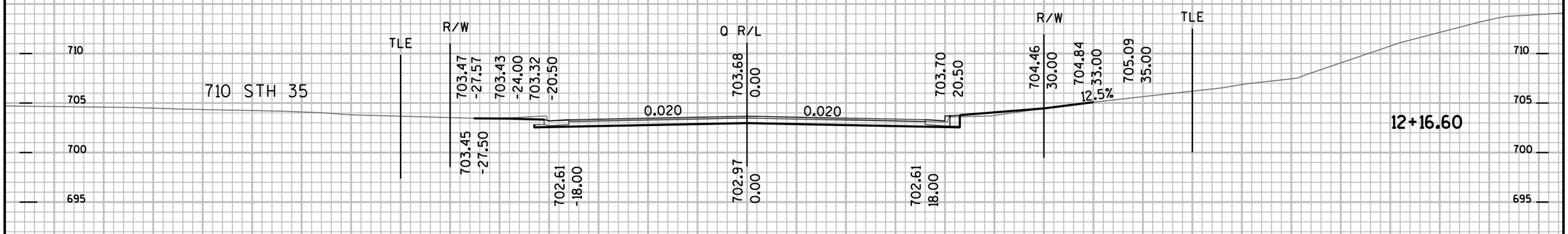
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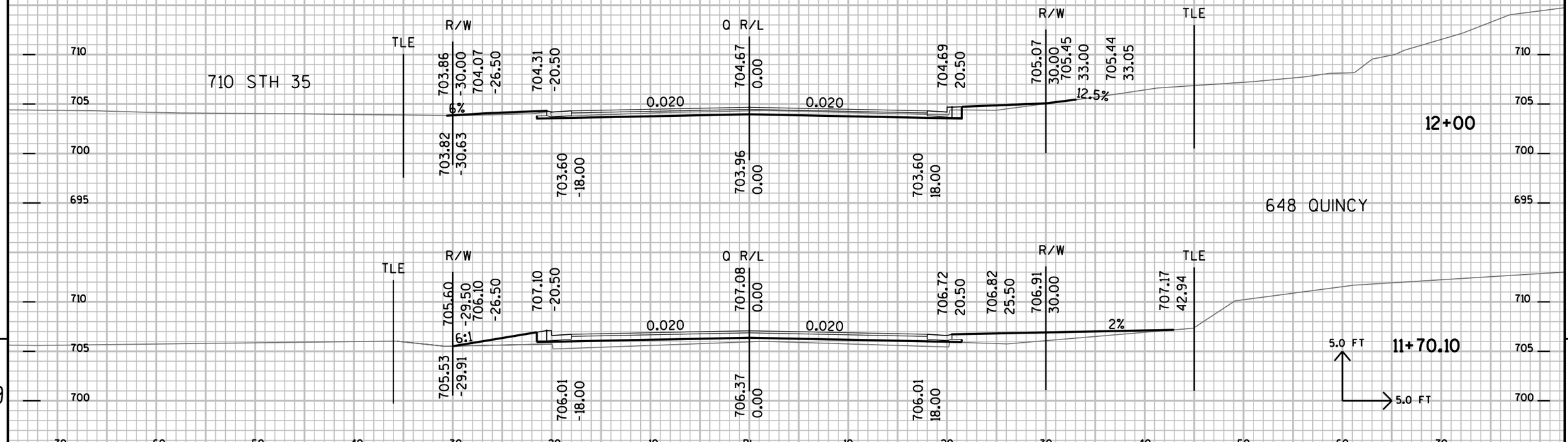
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: QUINCY STREET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090210_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

210 - 212 QUINCY



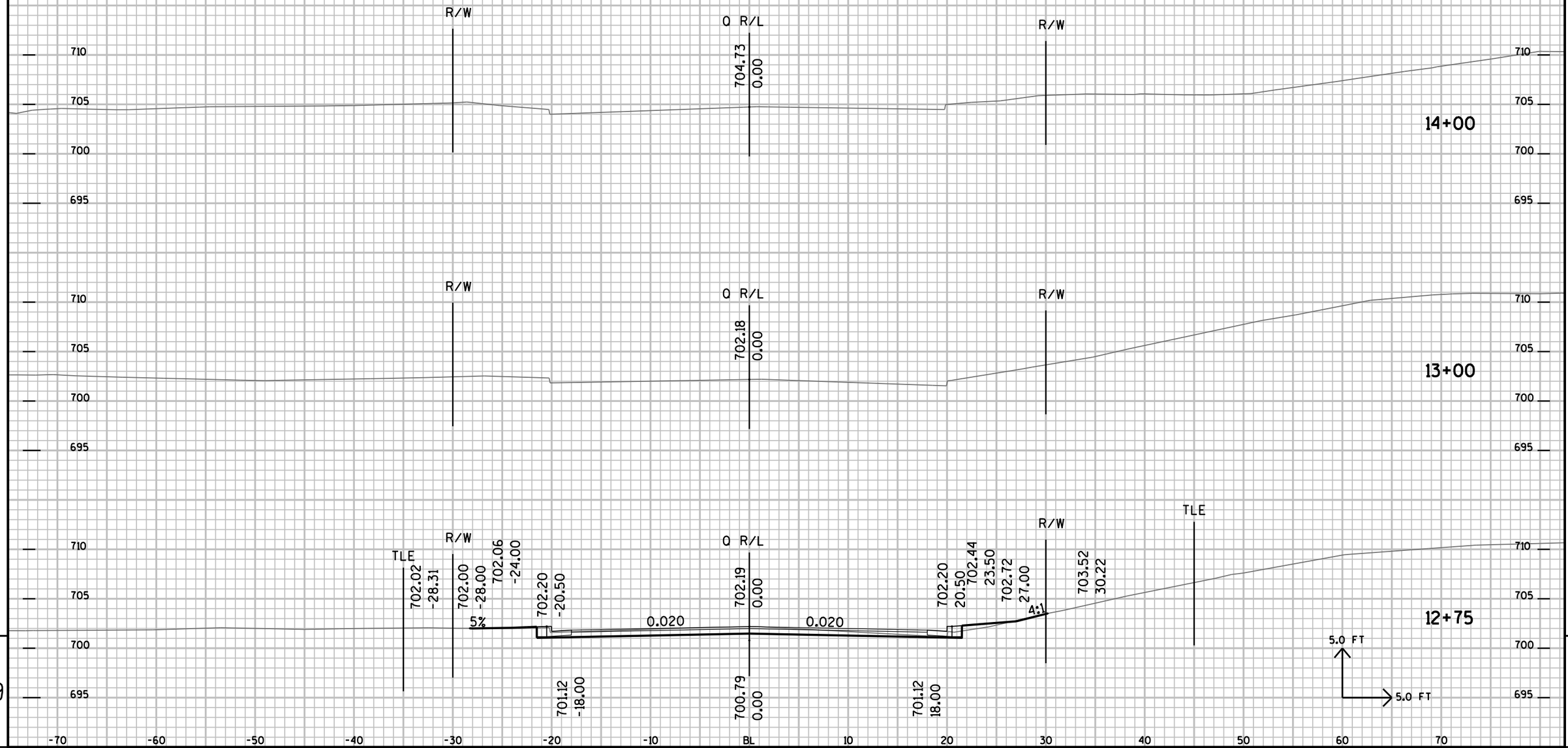




-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: QUINCY STREET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090210_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

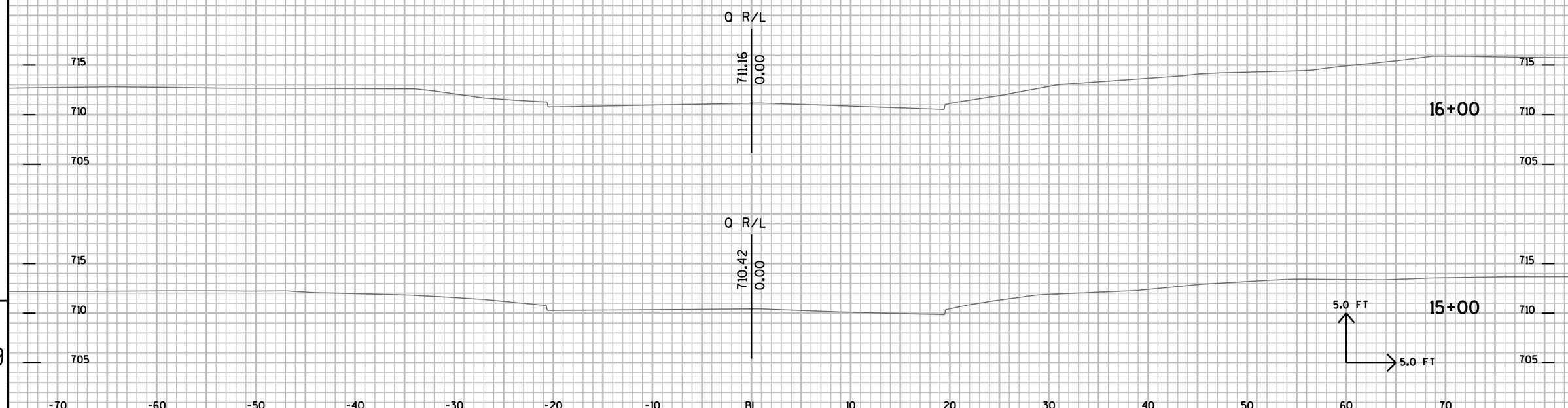


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: QUINCY STREET	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090210_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: QUINCY STREET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090210_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCH STATION

KRAMER R/L
704.10
0.00
0.025
0.010
703.39
0.00

77+25

KRAMER R/L
705.72
0.00

77+00

KRAMER R/L
707.47
0.00

76+75

KRAMER R/L
709.14
0.00

76+50

5.0 FT
5.0 FT

705
700
695
710
705
700
710
705
700
710
705
700

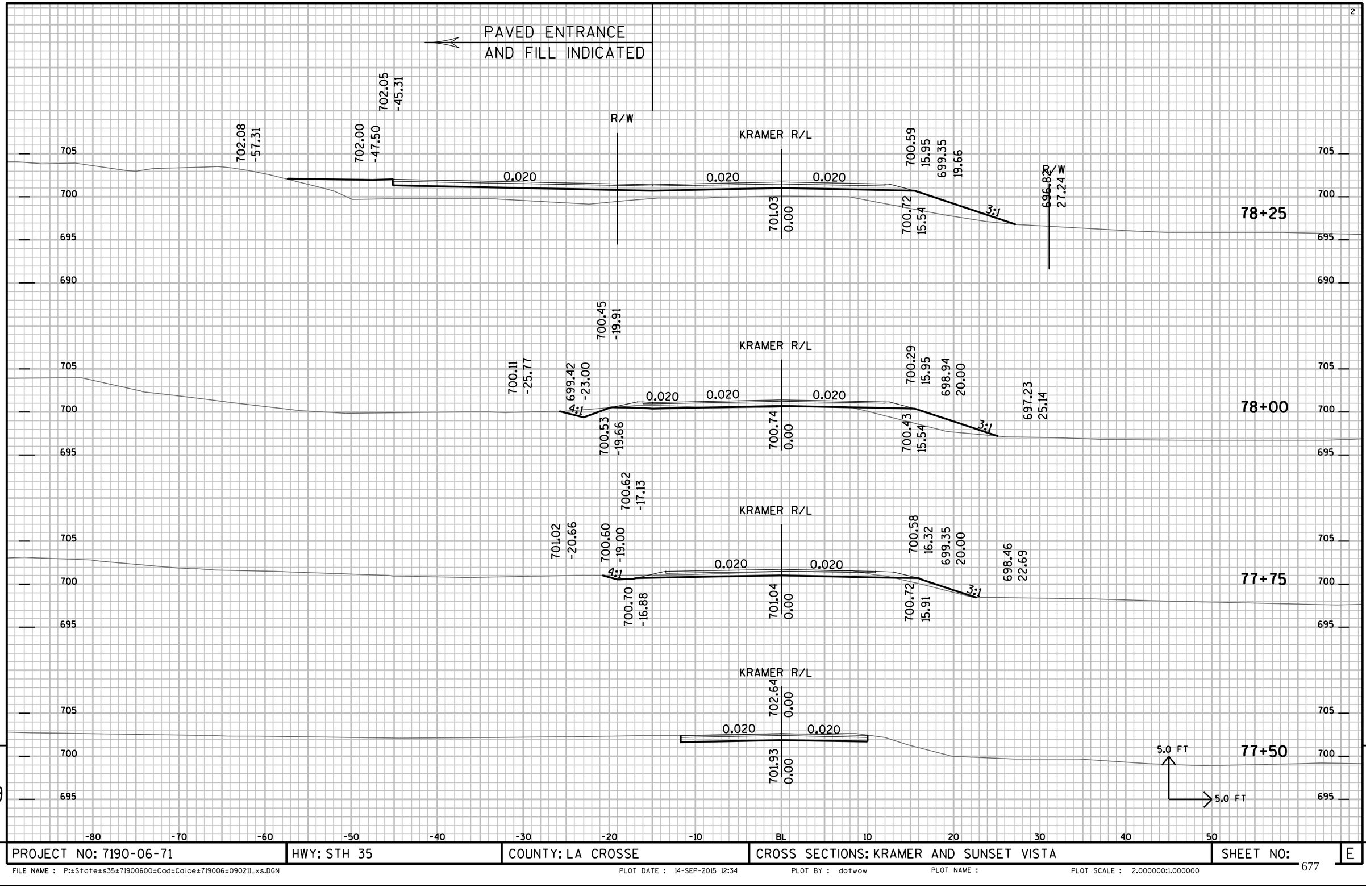
-80 -70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVED ENTRANCE
AND FILL INDICATED

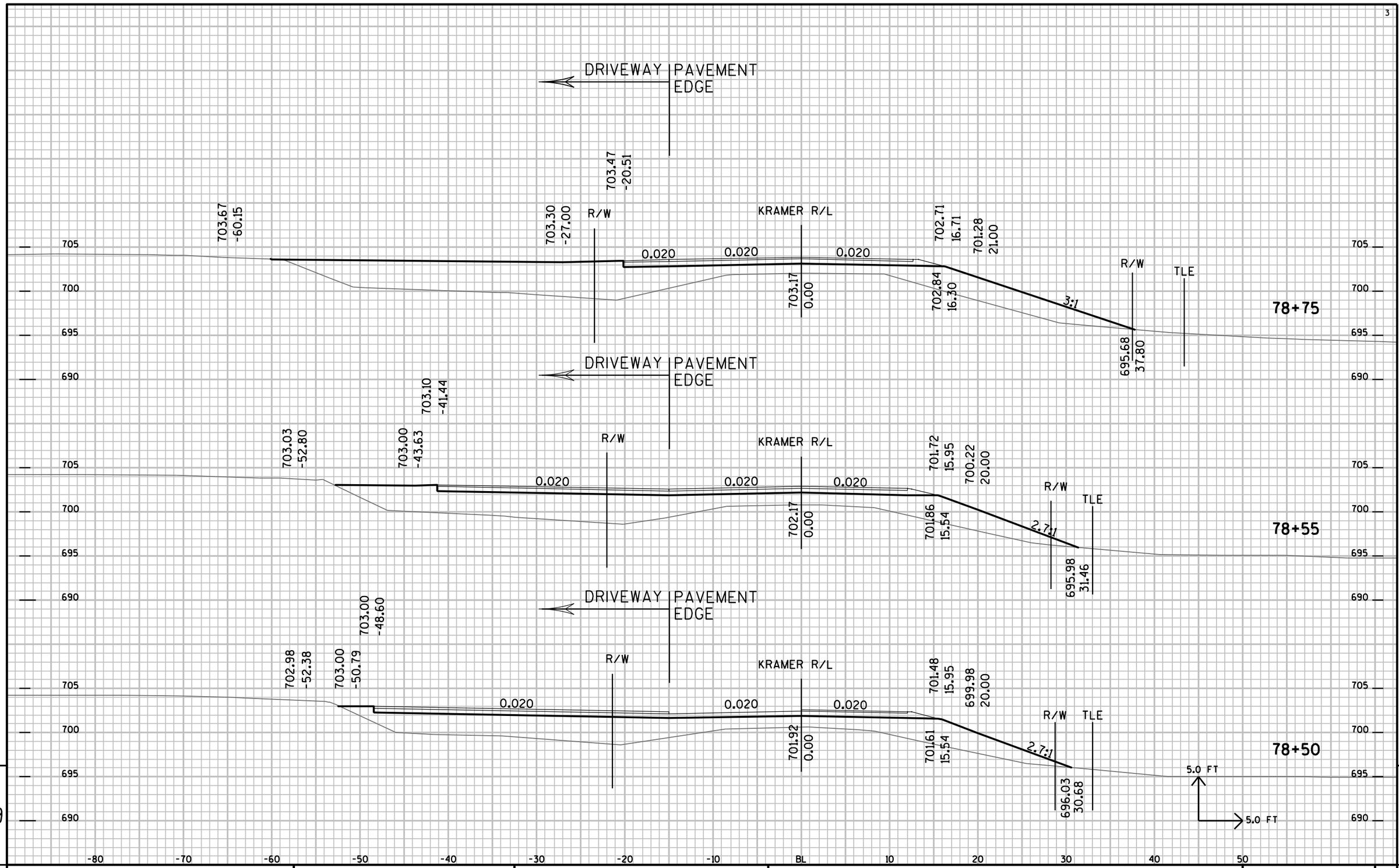


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCH INTO
MAINLINE FILL SLOPE

SITE DEVELOPEMENT
VERIFY EXISTING GROUND
LEVEL ALONG MAINLINE

KRAMER R/L

705.82
-24.00

706.43
-19.15

0.020

0.020

704.46
25.00

702.58
31.00

702.58
31.02

704.66
-16.05

704.98
0.00

704.50
23.83

79+25

710
705
700
695

R/W

704.10
-78.93

704.60
-69.00

704.61
-44.00

705.96
-18.00

KRAMER R/L

703.95
24.00

701.03
30.00

701.03
30.00

5%

0.020

0.020

704.18
-15.00

704.48
0.00

704.00
23.83

79+15

710
705
700
695
690

704.77
-18.26

PAVEMENT
EDGE

R/W

KRAMER R/L

703.88
-80.37

704.00
-35.00

703.58
22.00

701.91
27.00

0.020

0.020

0.020

704.42
0.00

704.01
20.71

3:1

696.07
44.53

79+00
R/W

TLE

5.0 FT

5.0 FT

710
705
700
695
690

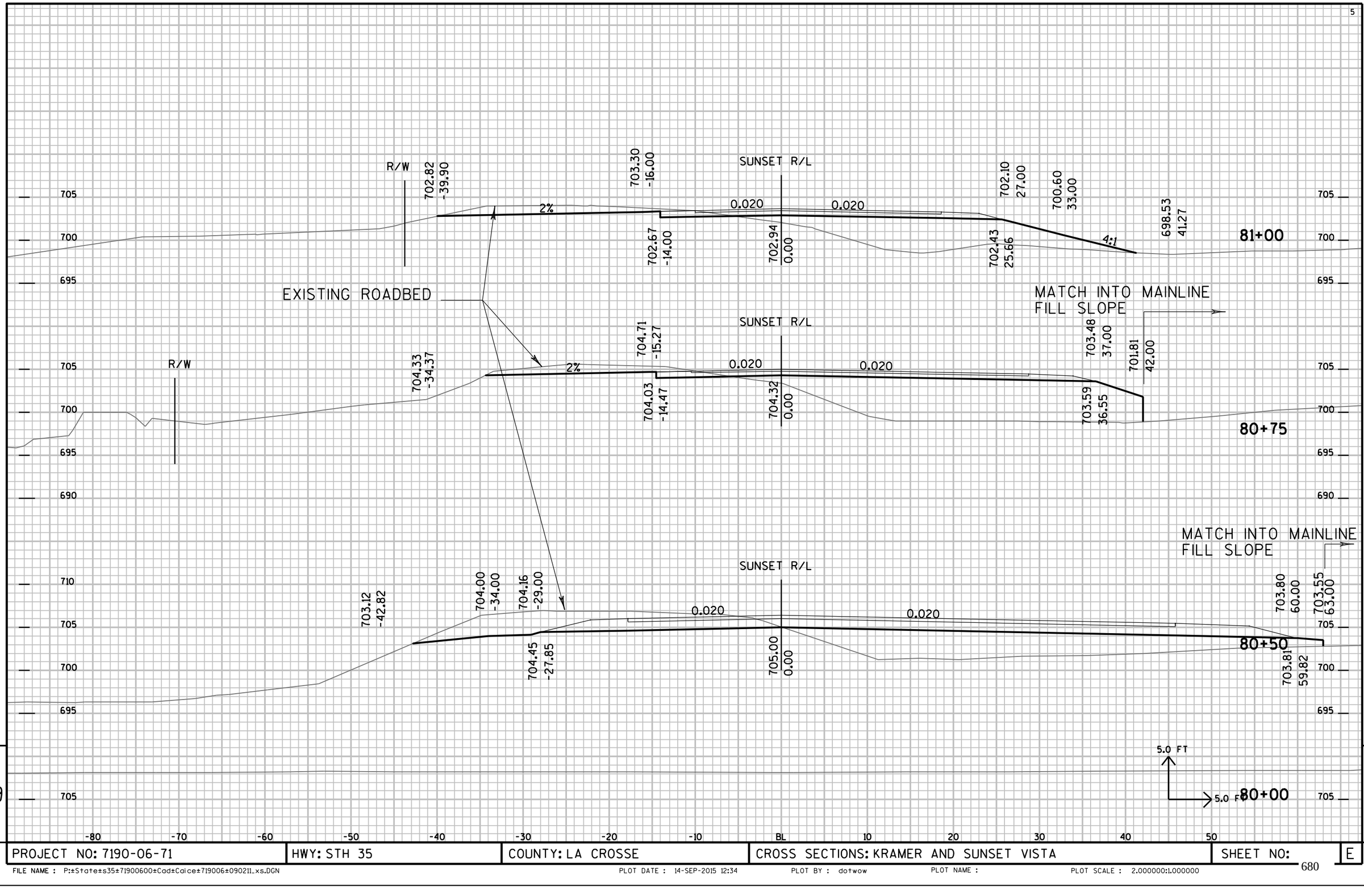
-80 -70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50

9

9

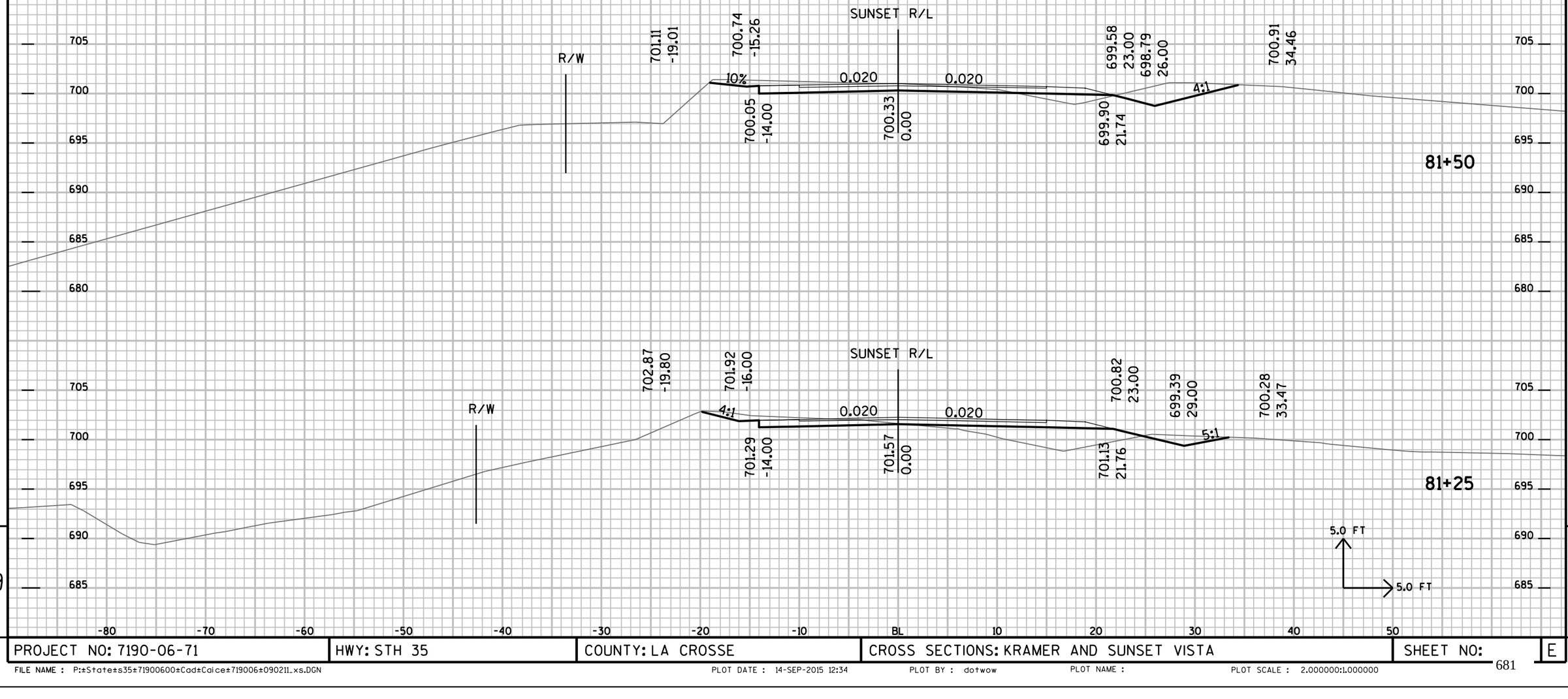
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

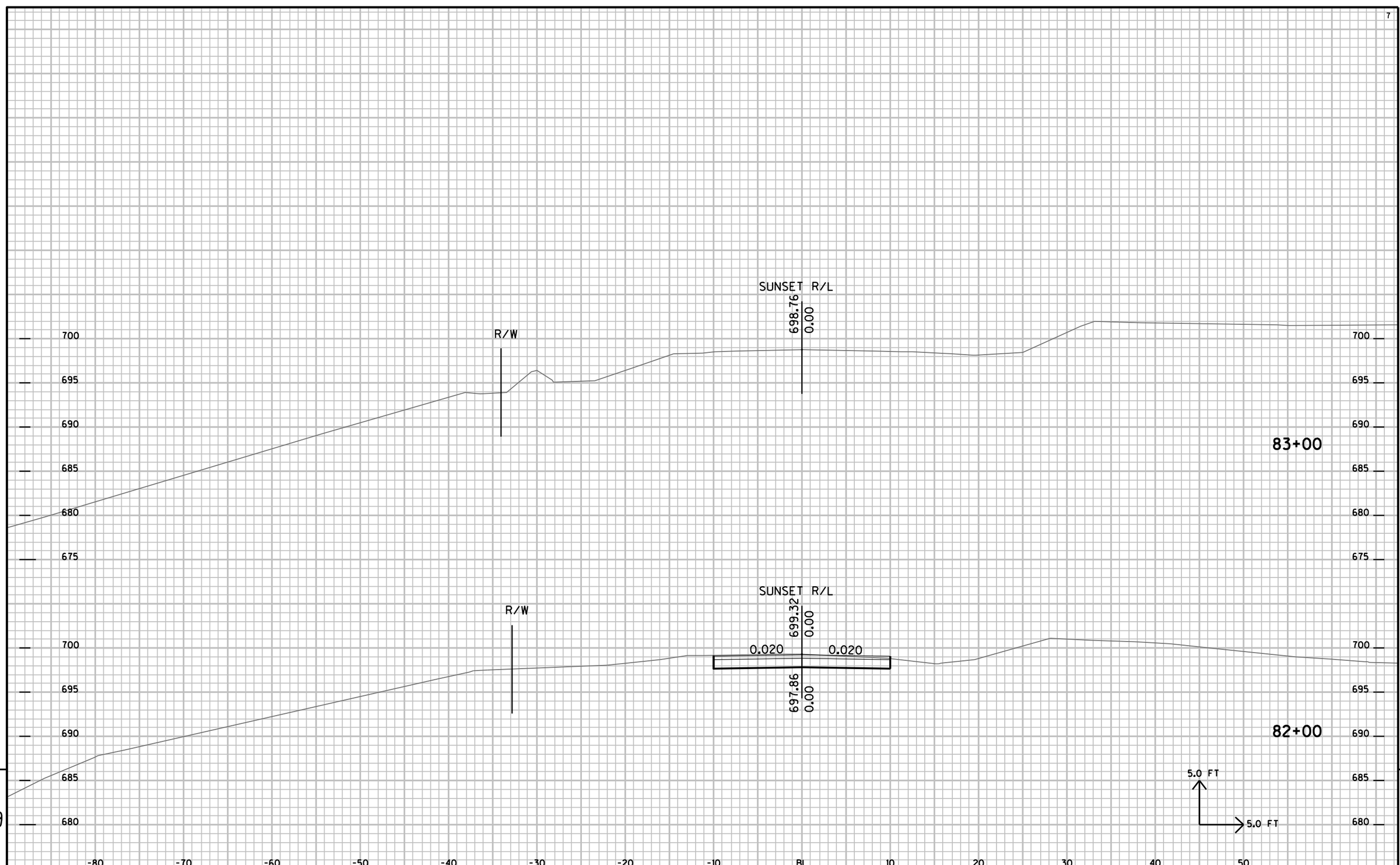


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

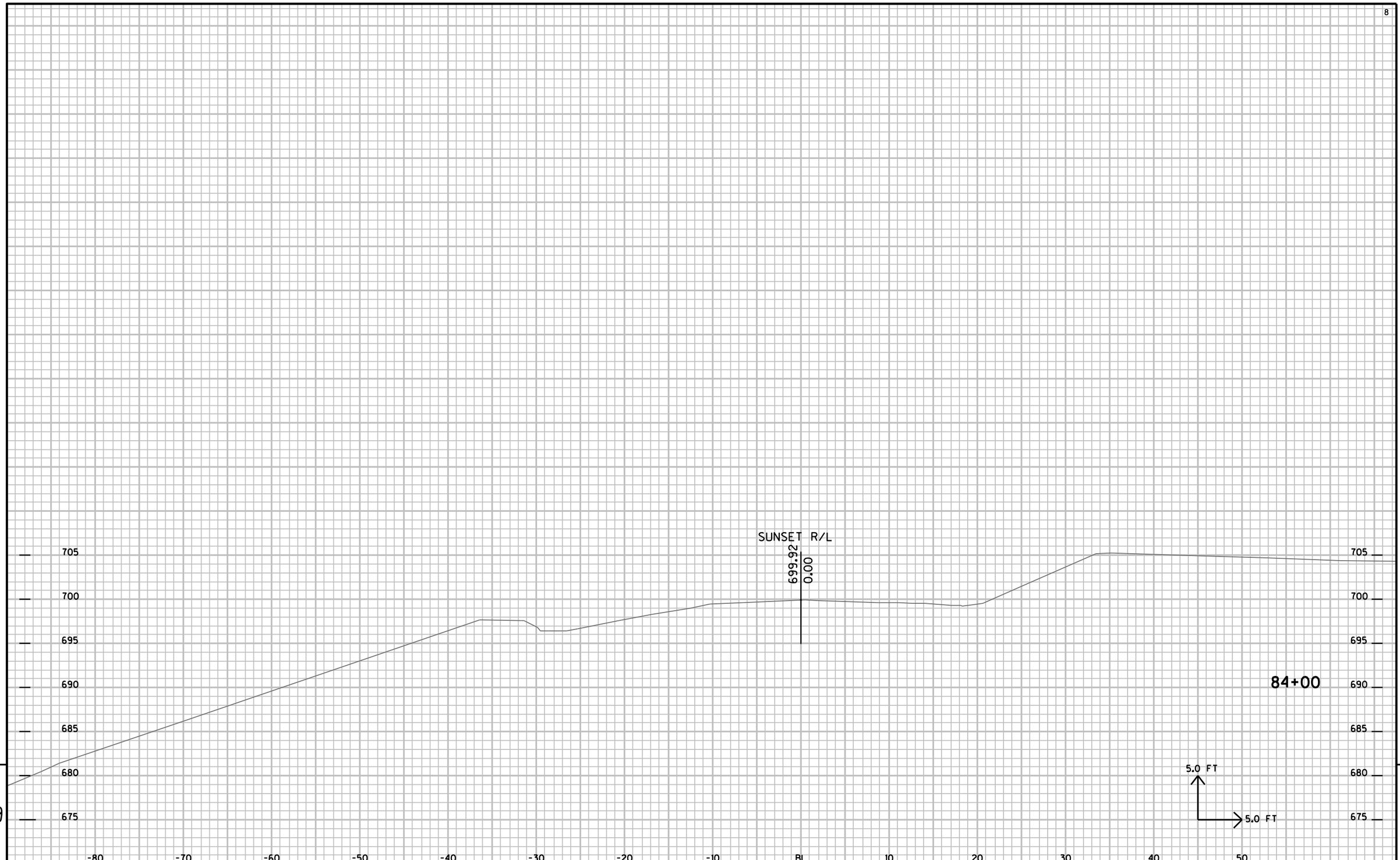


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

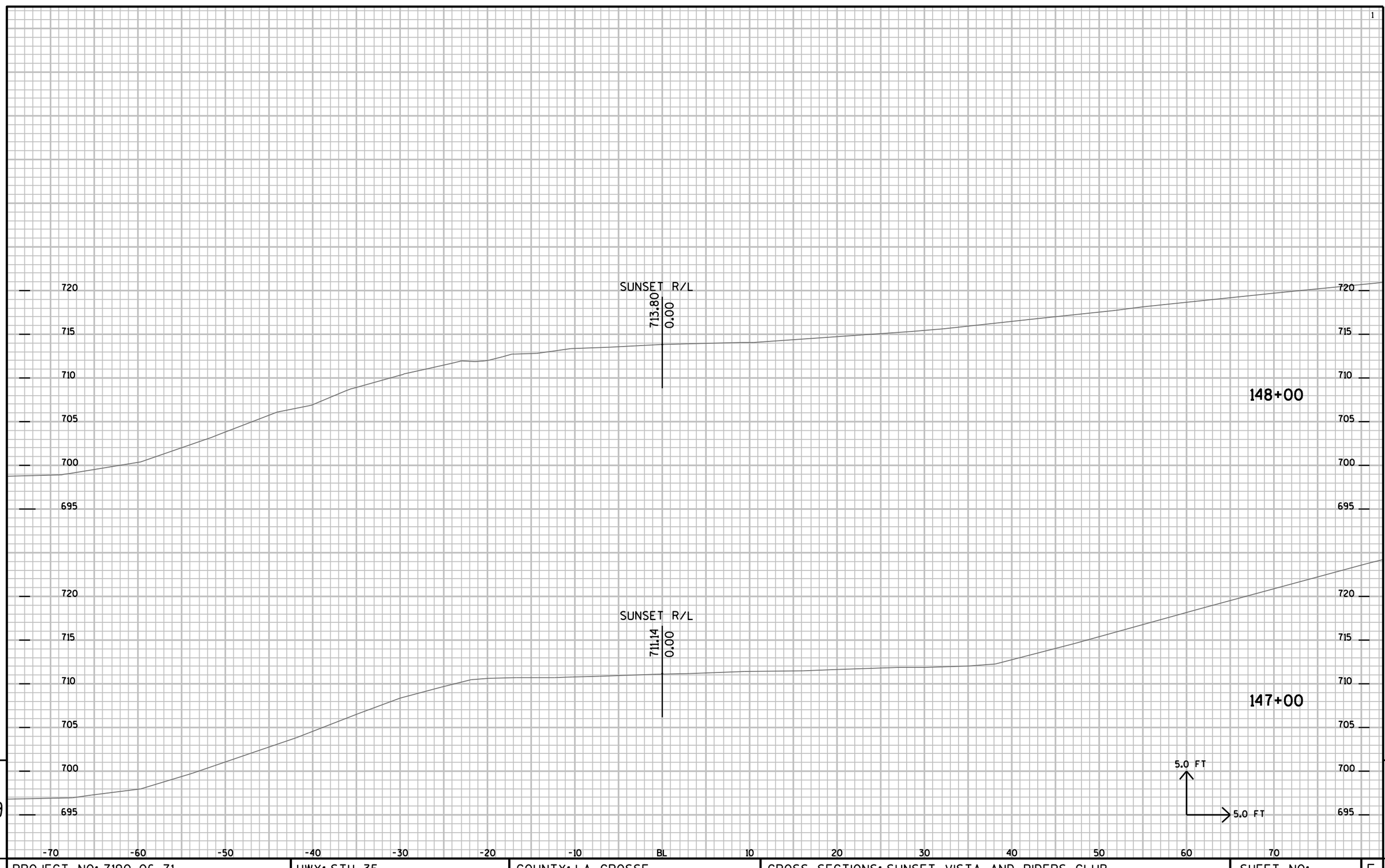


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: KRAMER AND SUNSET VISTA	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090211_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SUNSET R/L
715.23
0.00
0.020
0.000
713.83
0.00
FO
TV

PAVEMENT SLOPE TRANSITION
FROM R/L TO RT
STA 149+50 @ 'FLAT' TO 149+75 @-1.0%

149+50

SUNSET R/L
714.90
0.00

149+00

SUNSET R/L
714.41
0.00

148+50

720
715
710
705
700
695

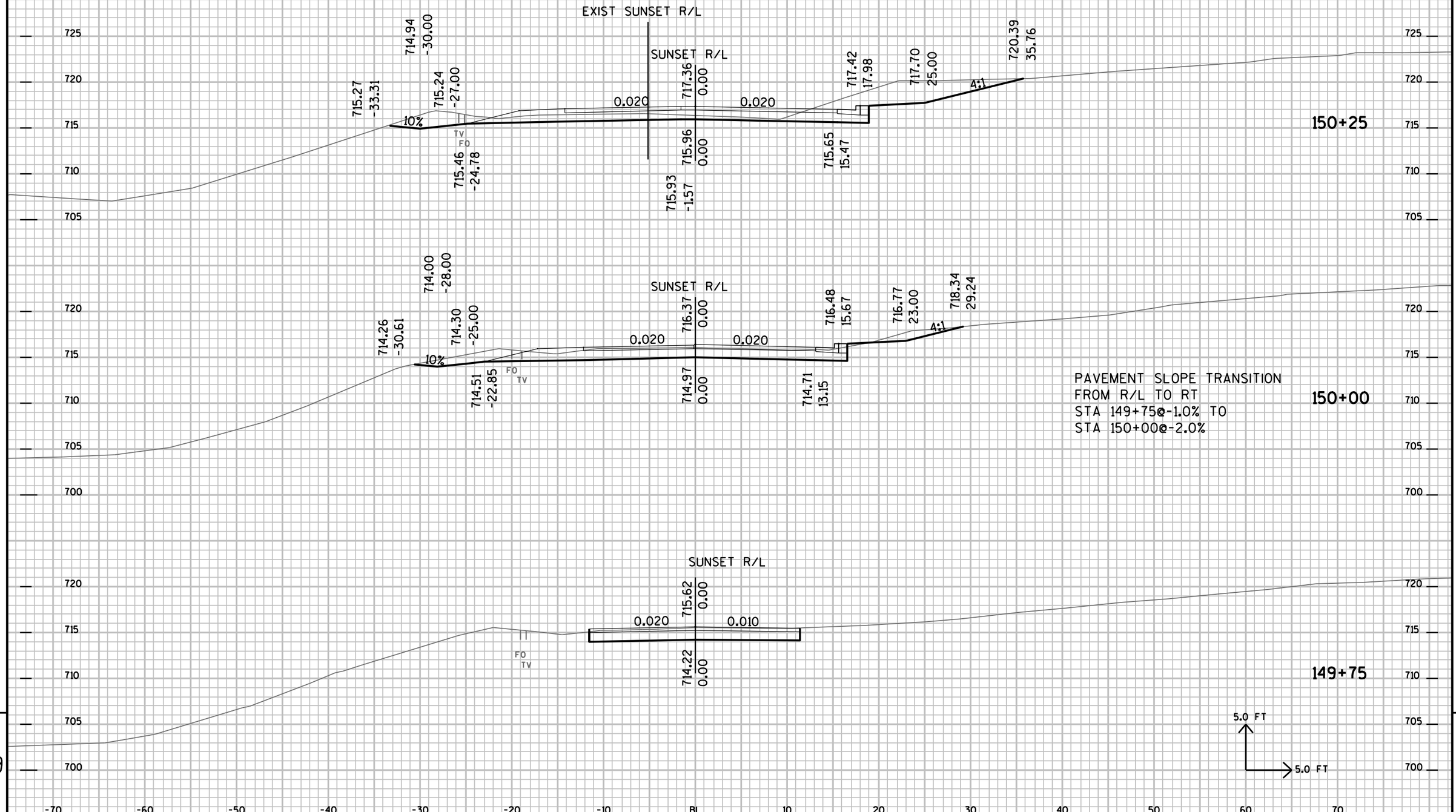
5.0 FT
5.0 FT

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

RIDERS CLUB
ROUNDABOUT AREA

152+00

UTILIZE FISHERMAN
CROSS SECTIONS FOR
SLOPE INTERCEPT LOCATION

BEGIN
SPLITTER
ISLAND

SUNSET R/L

720.26
-38.15

719.94
-30.23

0.010

0.020

720.10
0.00

0.020

720.09
21.95

720.46
35.90

721.13
37.90

4:1

724.57
51.65

718.54
-30.23

718.89
-12.81

718.70
0.00

718.31
19.45

151+00

MATCH LINE PAVEMENT
FOR FISHERMANS LANDING

SUNSET R/L

EXIST SUNSET R/L

718.90
-21.32

0.020

719.23
0.00

0.020

719.23
21.21

719.54
29.00

4:1

723.49
44.81

150+75

717.50
-21.32

717.83
-5.21

717.83
0.00

717.45
18.70

715.78
-34.00

EXIST SUNSET R/L

SUNSET R/L

716.63
-42.54

716.08
-31.00

0.020

718.35
0.00

0.020

718.38
19.86

718.66
27.00

4:1

722.05
40.56

10%

TV FO

716.39
-27.87

716.89
-3.23

716.95
0.00

716.60
17.35

MATCH STATION 150+50.0 'RS'=
STATION 15+48.76 'R4' LINE

UTILIZE: RIDER ROUNDABOUT STH 35 SB
TO SUNSET FOR RIGHT SLOPE INTERCEPT

5.0 FT
5.0 FT

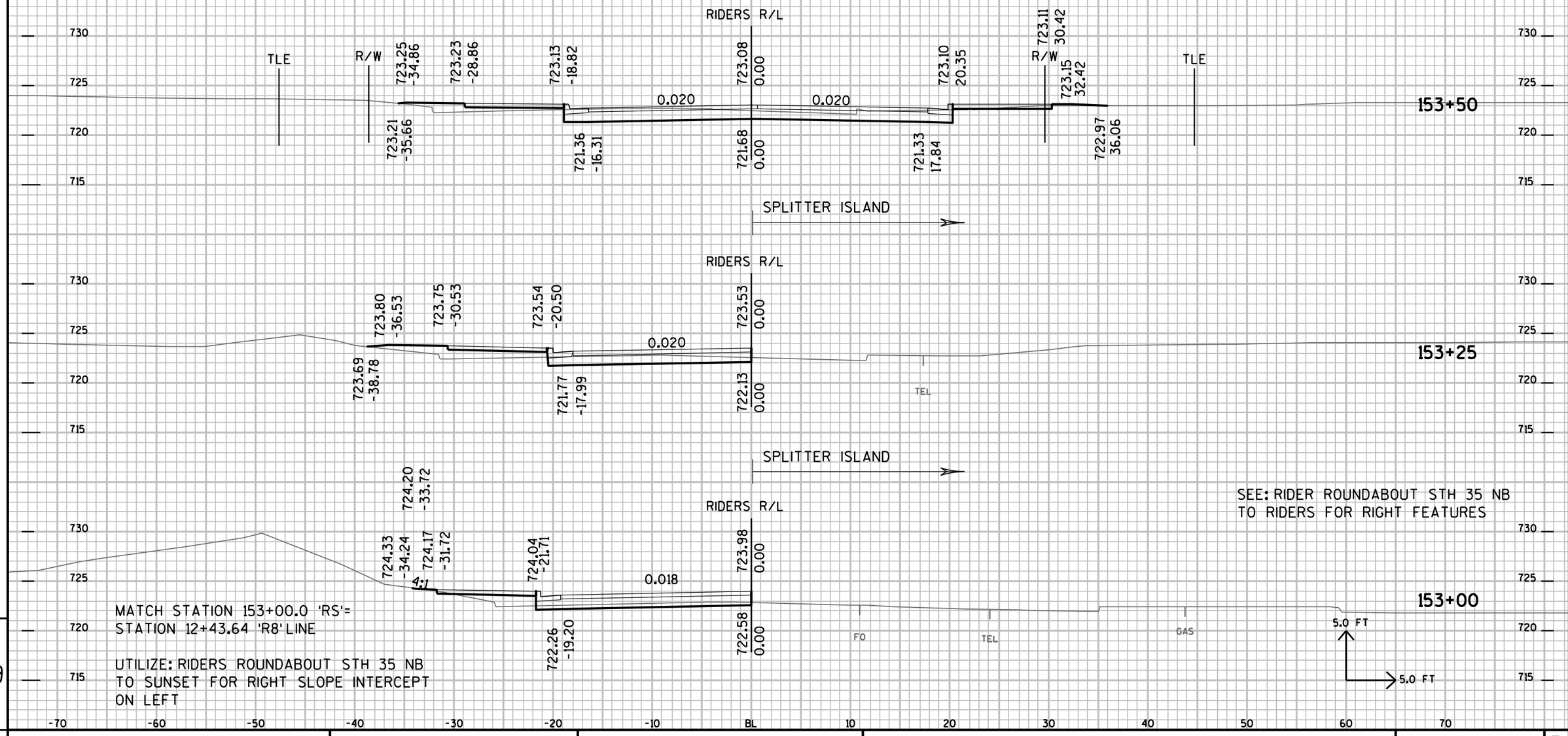
150+50

725
720
715
710

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



SEE: RIDER ROUNDABOUT STH 35 NB
TO RIDERS FOR RIGHT FEATURES

MATCH STATION 153+00.0 'RS'=
STATION 12+43.64 'R8' LINE

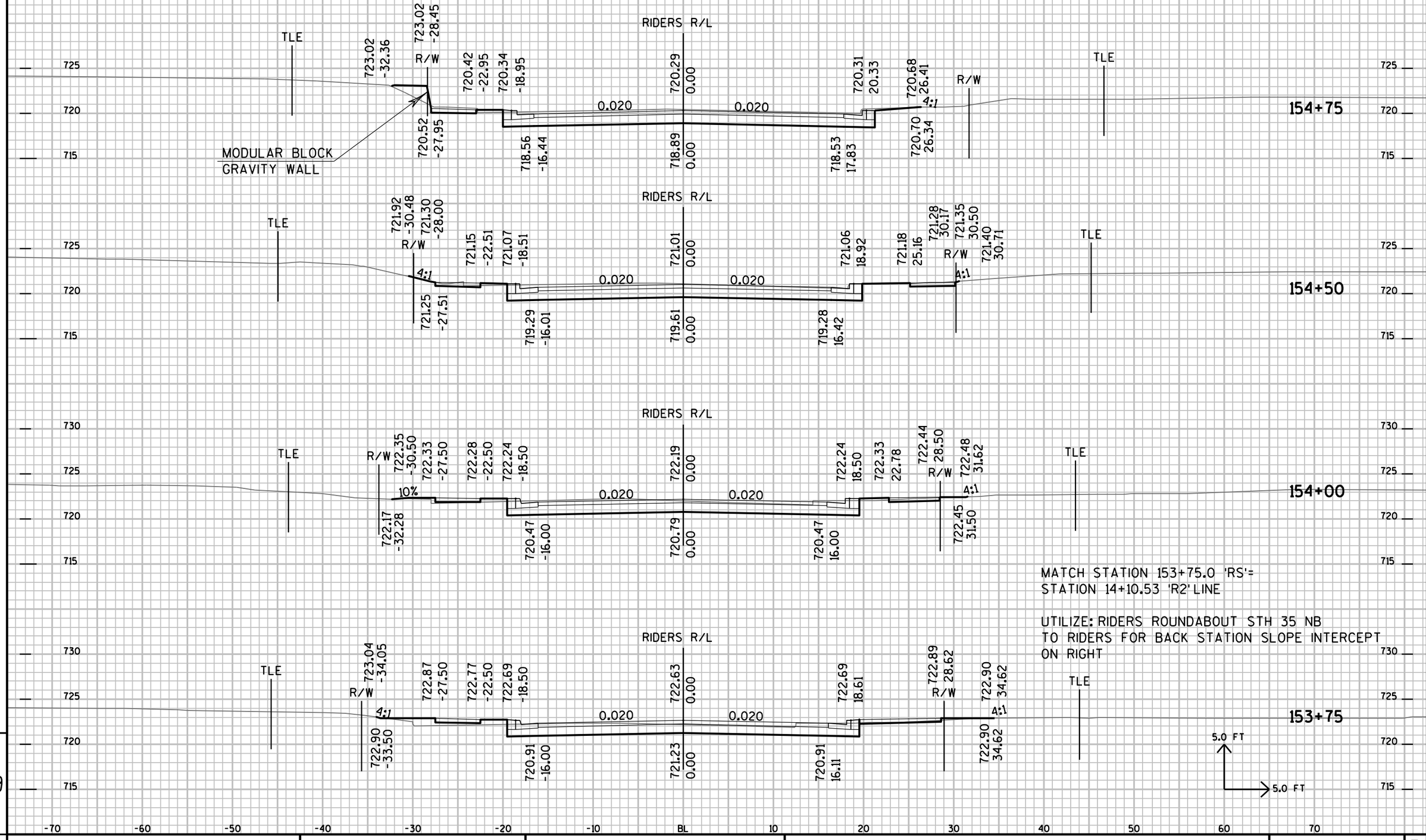
UTILIZE: RIDERS ROUNDABOUT STH 35 NB
TO SUNSET FOR RIGHT SLOPE INTERCEPT
ON LEFT

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

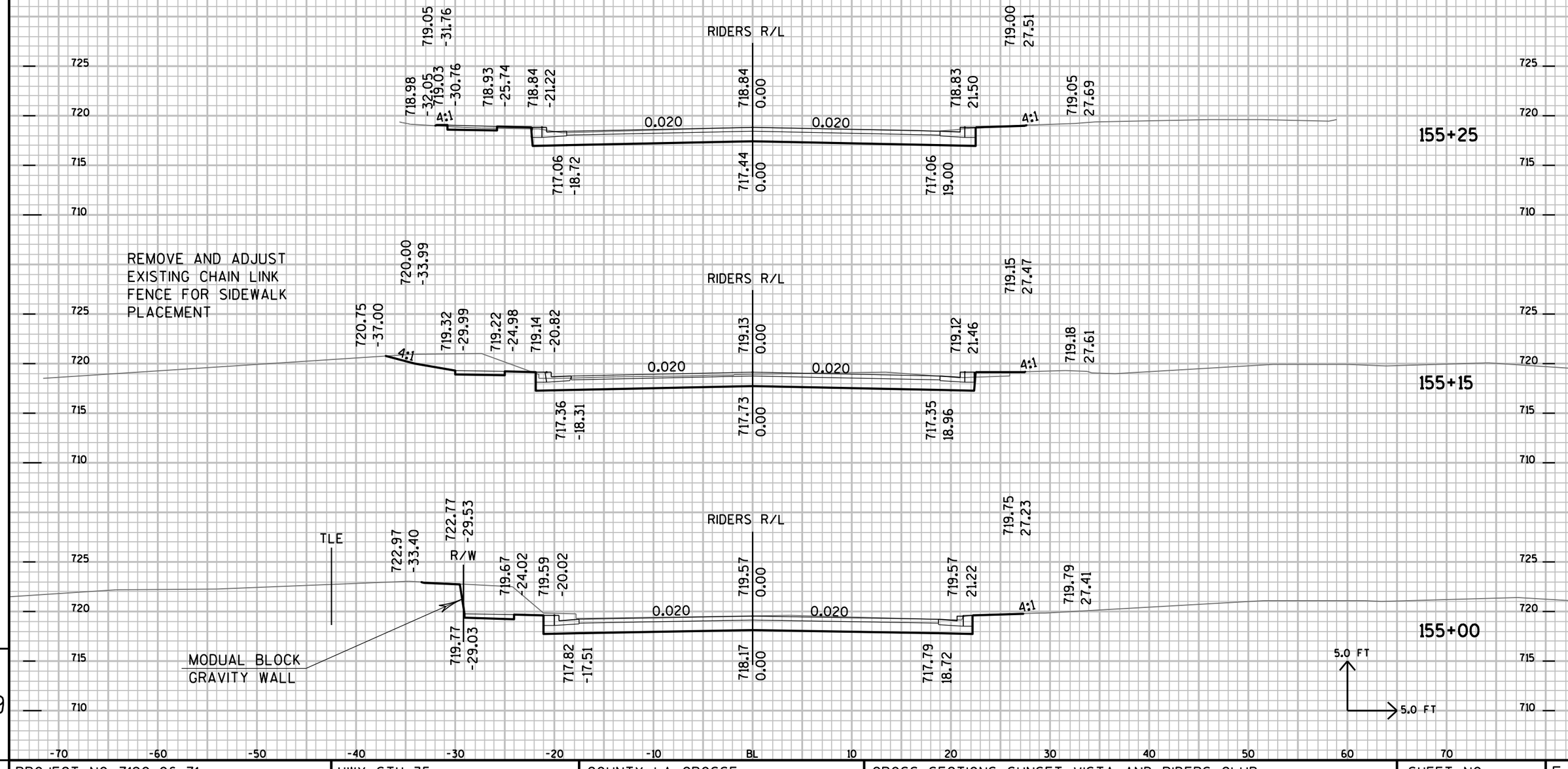


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



REMOVE AND ADJUST EXISTING CHAIN LINK FENCE FOR SIDEWALK PLACEMENT

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:34 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

RIDERS R/L
715.83
0.00

720
715
710

157+00

RIDERS R/L
716.13
0.00

720
715
710

156+50

RIDERS R/L
716.85
0.00

720
715
710

156+00

EXTEND AND CONNECT
TO EXISTING SIDEWALK

718.40
-33.72
718.33
-34.02
718.33
-32.72
718.23
-27.71
718.10
-21.50
718.11
0.00
718.10
21.50
718.15
27.51
718.08
27.77
716.33
-19.00
716.71
0.00
716.33
19.00

RIDERS R/L

MATCH STATION

725
720
715
710

0.020
0.020
4:1
4:1

155+50

5.0 FT
5.0 FT

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

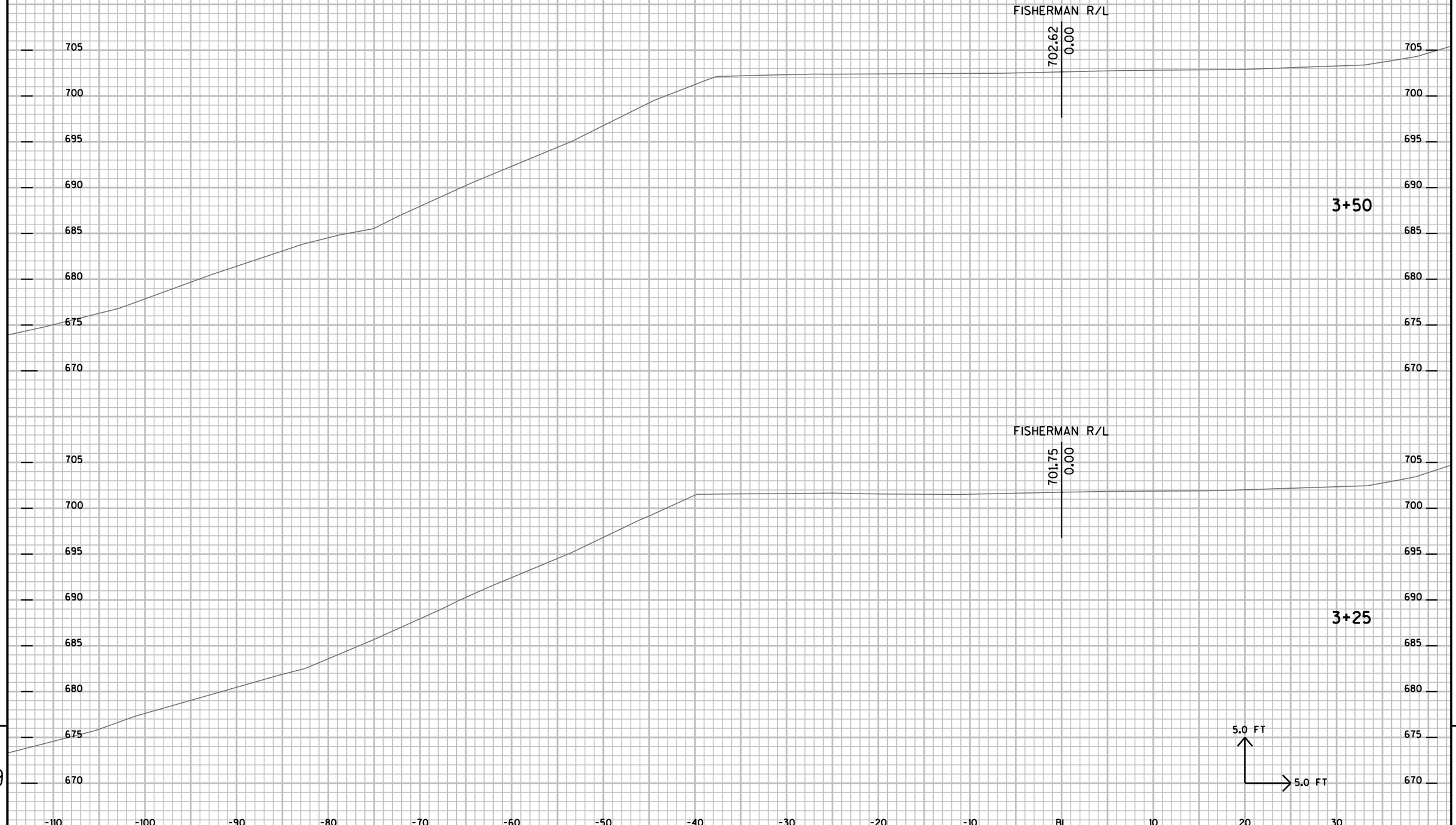
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: SUNSET VISTA AND RIDERS CLUB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090212_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

FISHERMAN R/L

702.62
0.00

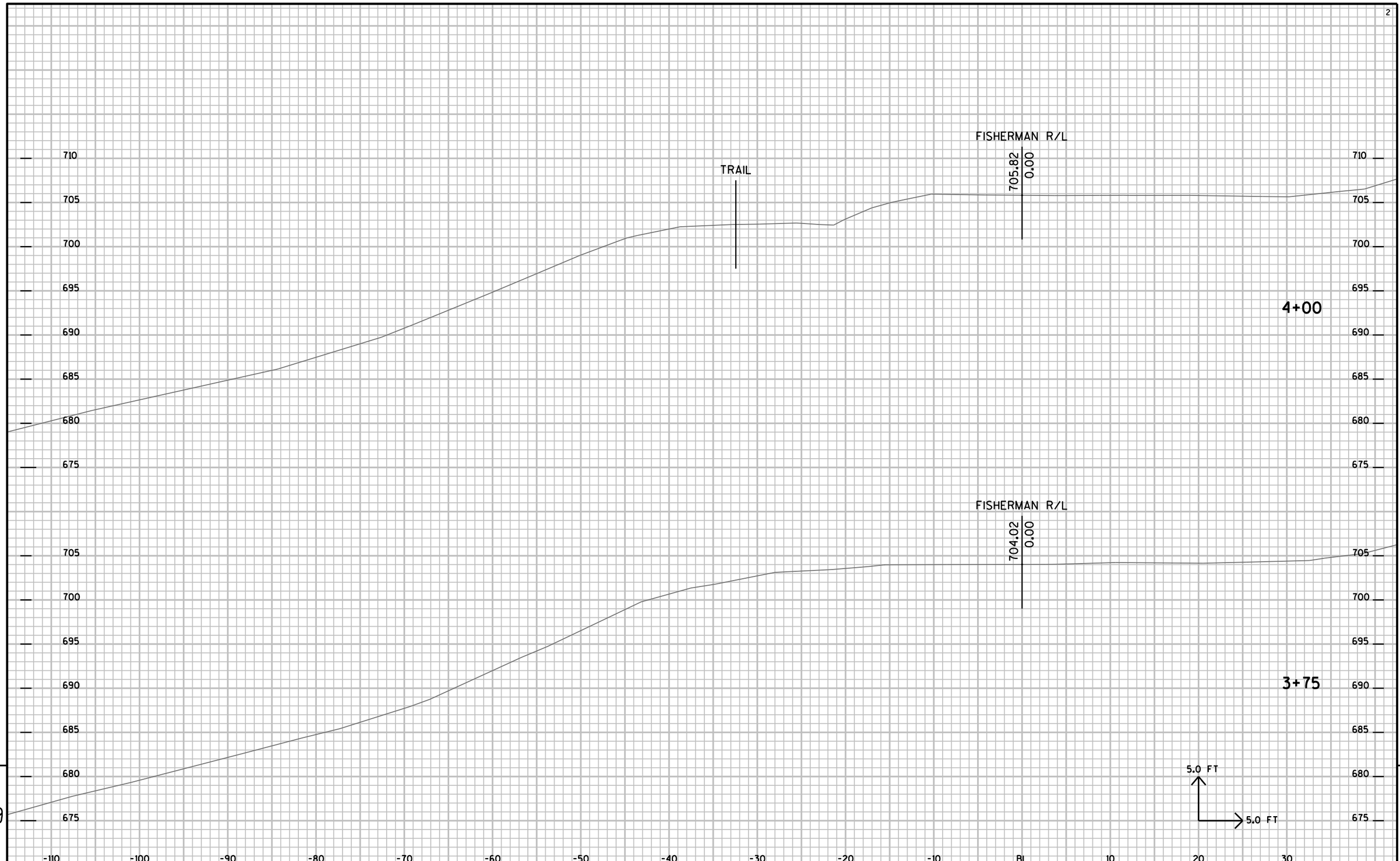


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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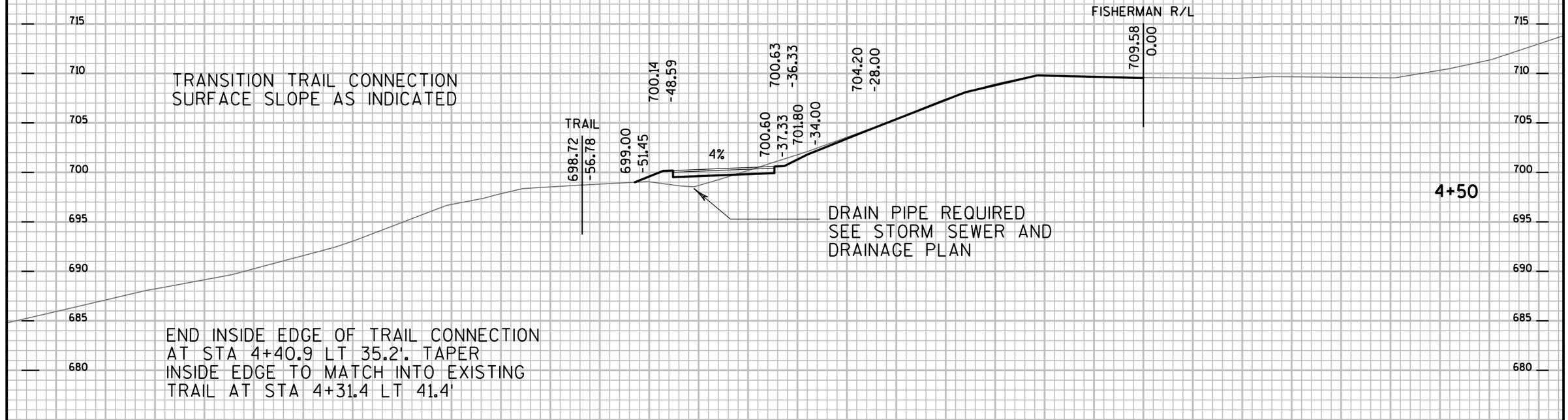
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

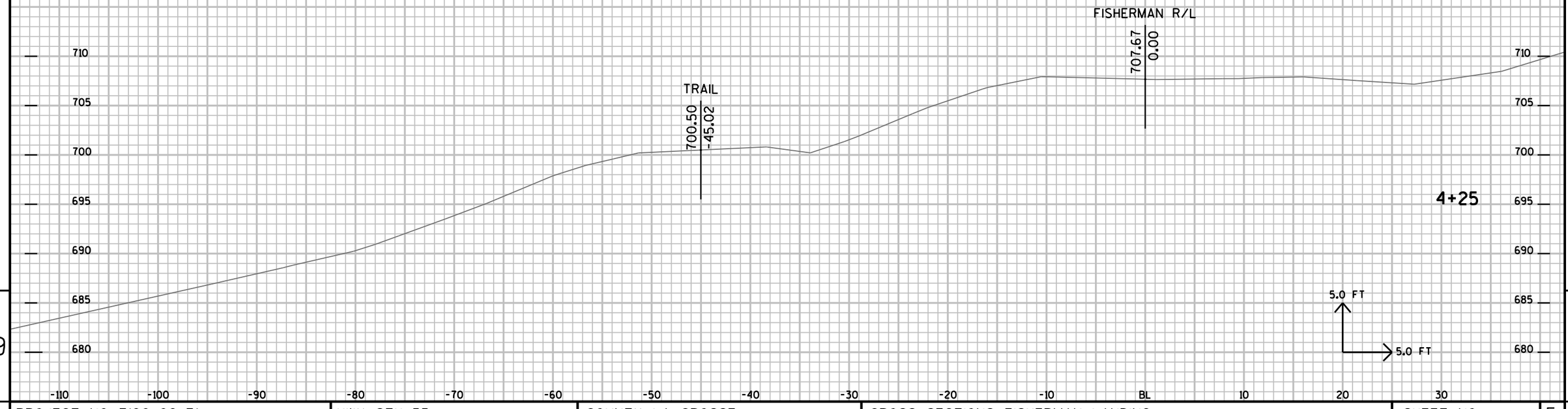
BEGIN SLOPE/FILL ADJUSTMENT
TO MATCH INTO SLOPE AT 4+70

TRANSITION TRAIL CONNECTION
SURFACE SLOPE AS INDICATED



DRAIN PIPE REQUIRED
SEE STORM SEWER AND
DRAINAGE PLAN

END INSIDE EDGE OF TRAIL CONNECTION
AT STA 4+40.9 LT 35.2'. TAPER
INSIDE EDGE TO MATCH INTO EXISTING
TRAIL AT STA 4+31.4 LT 41.4'

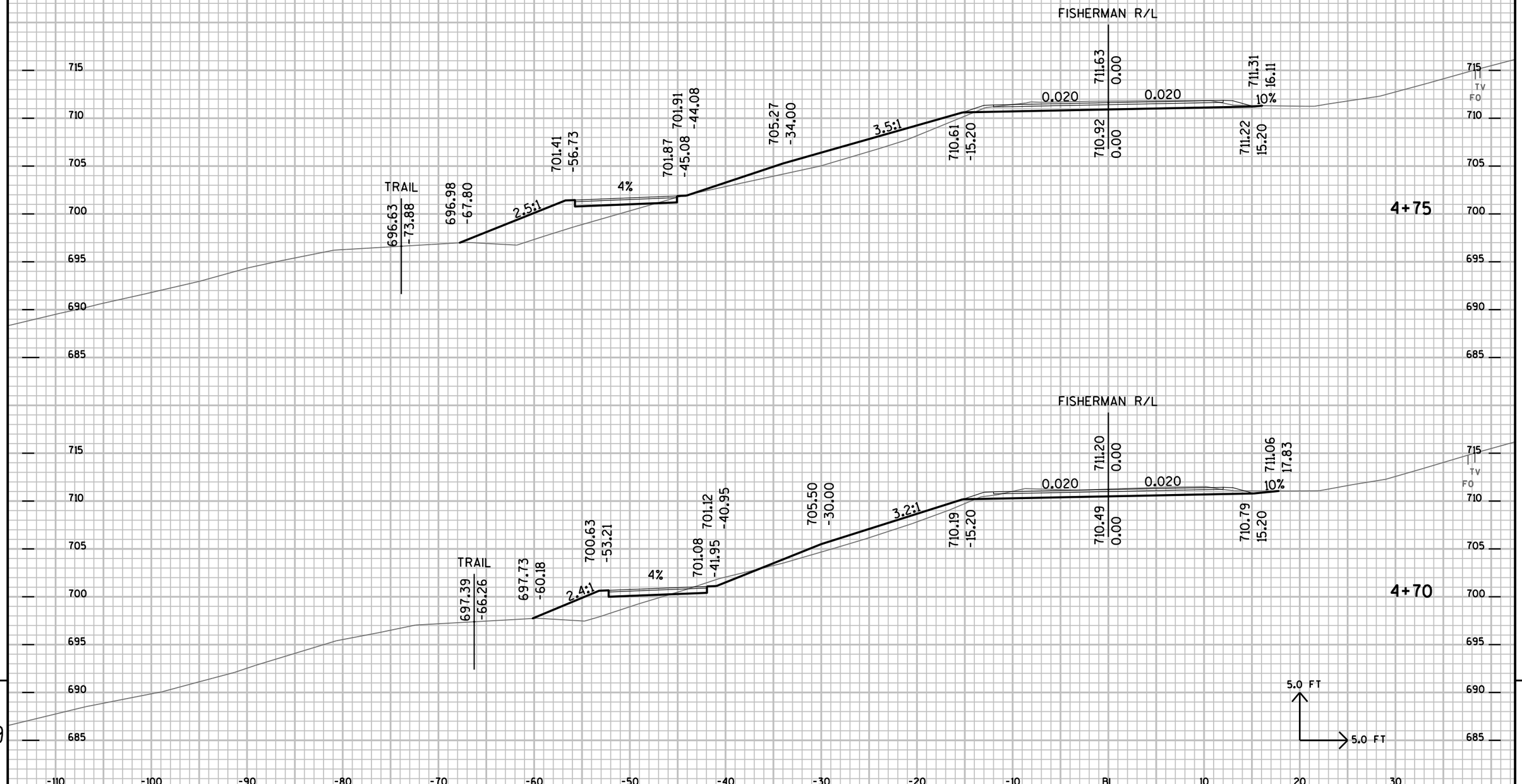


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVEMENT SLOPE TRANSITION
FROM R/L TO LEFT
4+75@-2% TO 5+00@-1%

PAVEMENT SLOPE TRANSITION
FROM R/L TO RIGHT
4+75@+2% TO 5+00@+1%

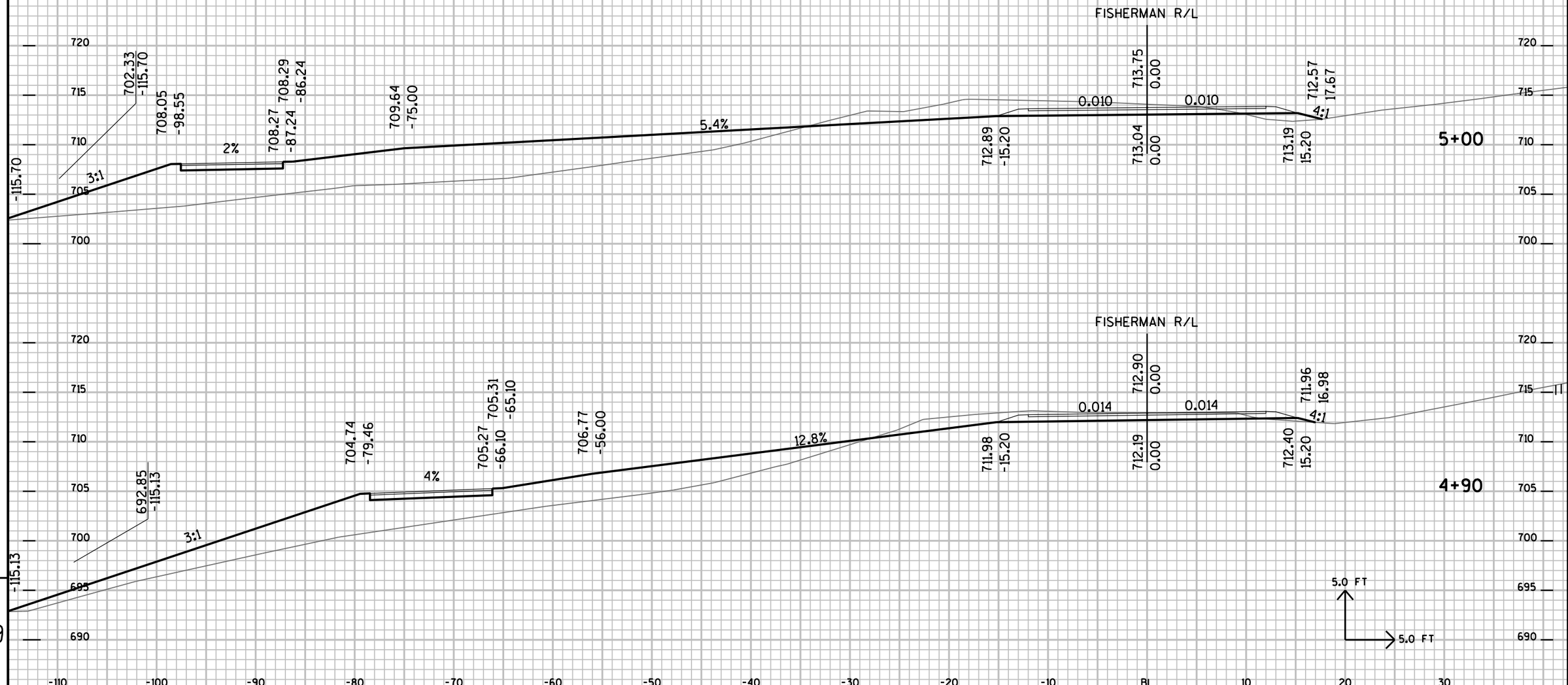


PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVEMENT SLOPE TRANSITION
FROM R/L TO LEFT
5+00@-1% TO 5+25@'FLAT'

PAVEMENT SLOPE TRANSITION
FROM R/L TO RIGHT
5+00@+1% TO 5+25@'FLAT'



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVEMENT SLOPE TRANSITION
FROM R/L TO LEFT
5+50@+2% TO 5+79.4@+3.2%

PAVEMENT SLOPE TRANSITION
FROM R/L TO RIGHT
5+50@-1% TO 5+79.4@-3.5%

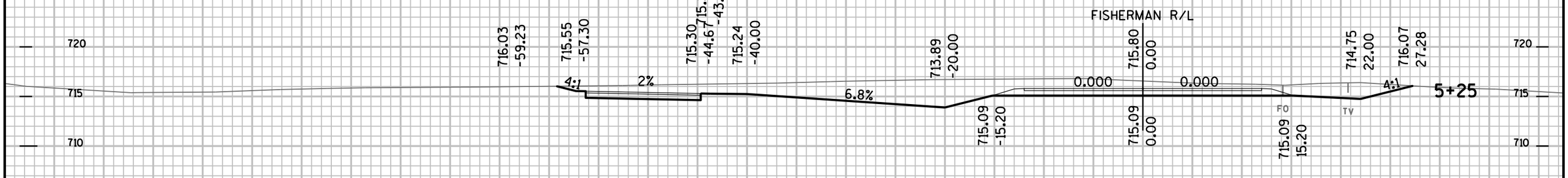
MATCH STATION 5+50 F LT 12.0'=
10+00.06 R6 R/L

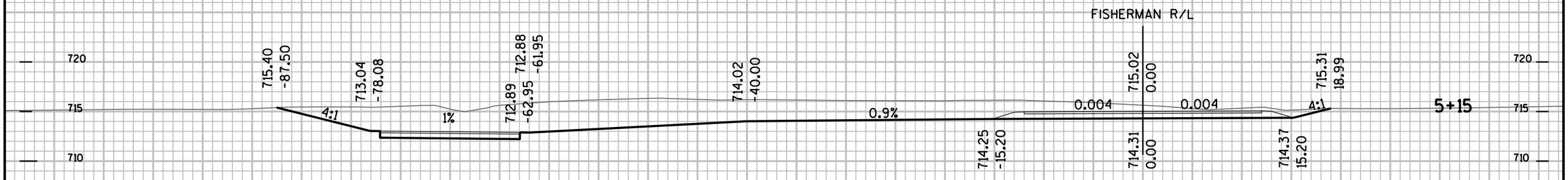
SEE CROSS SECTIONS
"RIDERS ROUNDABOUT-SUNSET TO STH 35SB"
FOR RADIUS TRANSITION

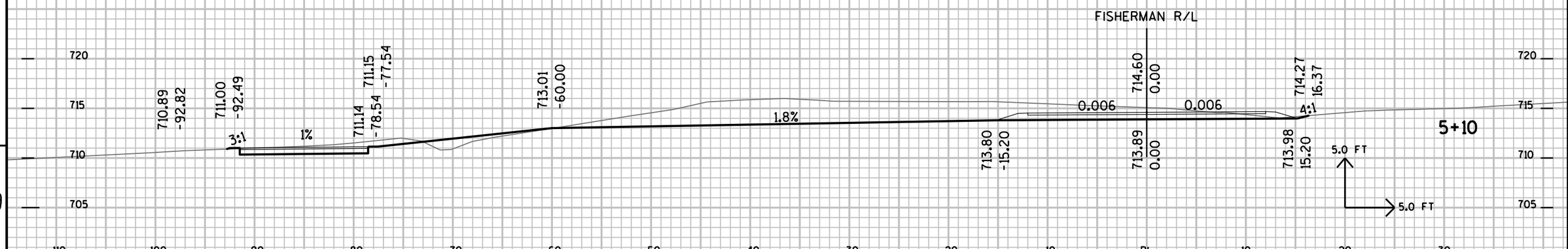


PAVEMENT SLOPE TRANSITION
FROM R/L TO LEFT
5+25@ 'FLAT 'TO 5+50@+2%

PAVEMENT SLOPE TRANSITION
FROM R/L TO RIGHT
5+25@ 'FLAT' TO 5+50@-1%







PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCH INTO SUNSET VISTA PAVEMENT

6+00

R6 LINE

FISHERMAN R/L

719.74 -12.00 | 719.36 0.00 | 718.94 12.00

0.032 | 0.035

718.34 -12.00 | 717.96 0.00 | 717.54 12.00

5+79.42

R6 LINE

FISHERMAN R/L

719.44 -12.00 | 719.08 0.00 | 718.70 12.00

0.030 | 0.031

718.04 -12.00 | 717.68 0.00 | 717.30 12.00

5+75

SIDEWALK MATCH

721.01 -45.79

720.82 -32.60

718.82 -16.61

FISHERMAN R/L

718.12 0.00

0.024 | 0.018

717.05 -13.92 | 716.72 0.00

715.62 22.00 | 716.86 26.95

4:1

716.36 19.00

5.0 FT

5.0 FT

5+60

725 720 715 710 730

FO

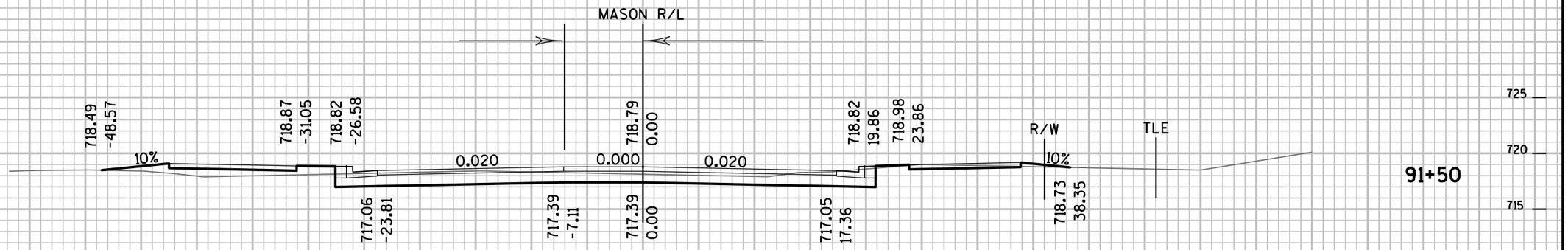
-110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 BL 10 20 30

9

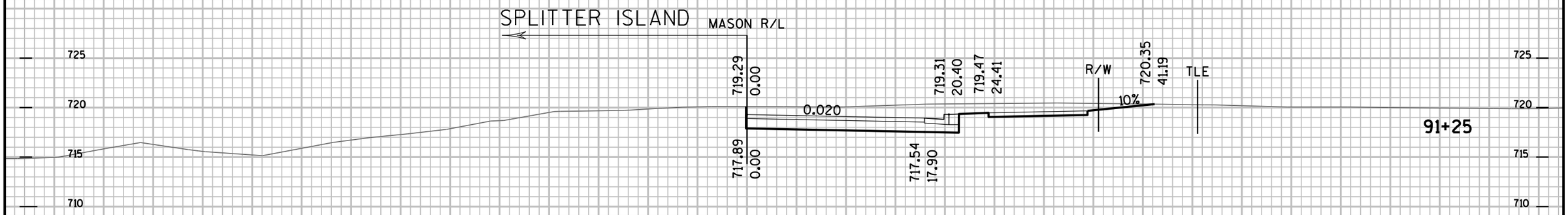
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: FISHERMAN LANDING	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090213_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MEDIAN



SPLITTER ISLAND



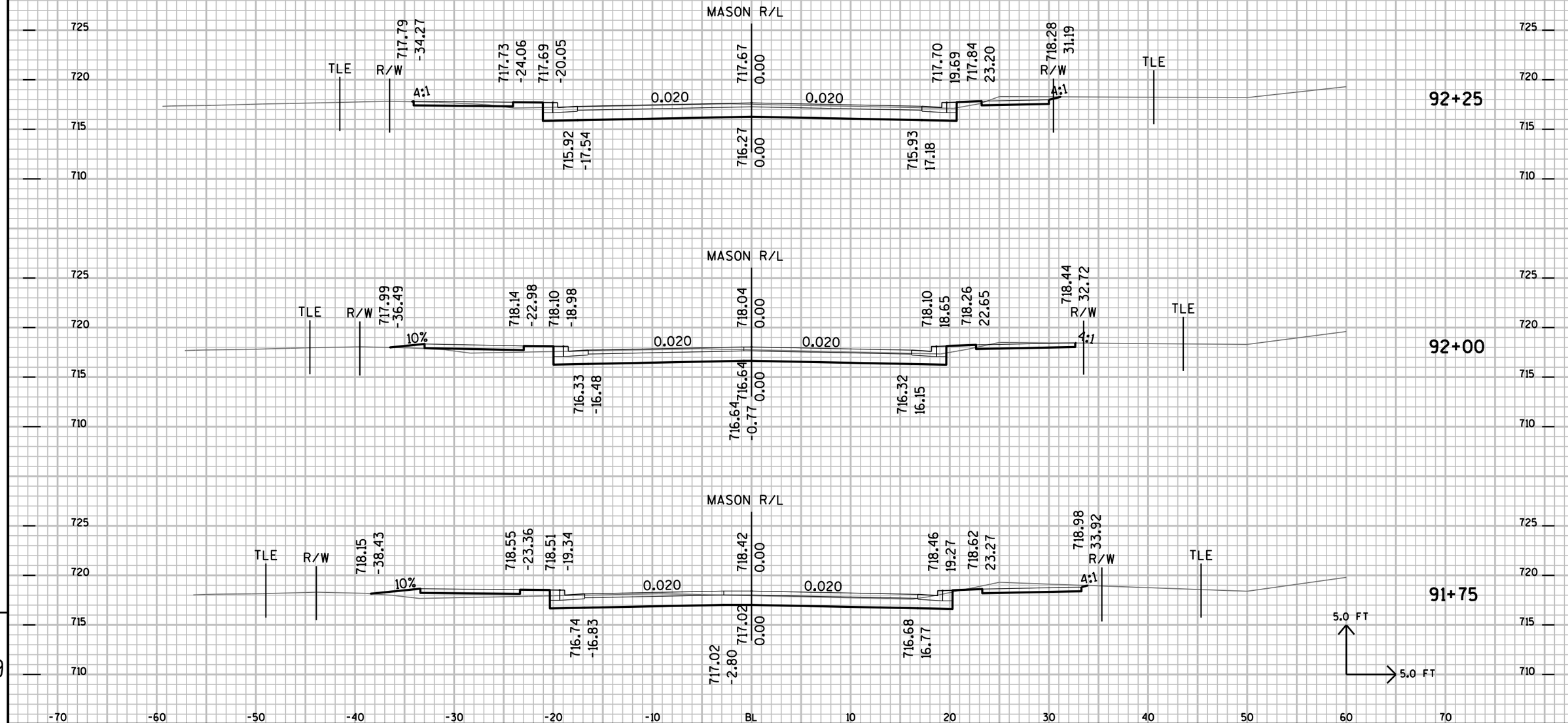
SPLITTER ISLAND



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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MASON STREET	SHEET NO:	E

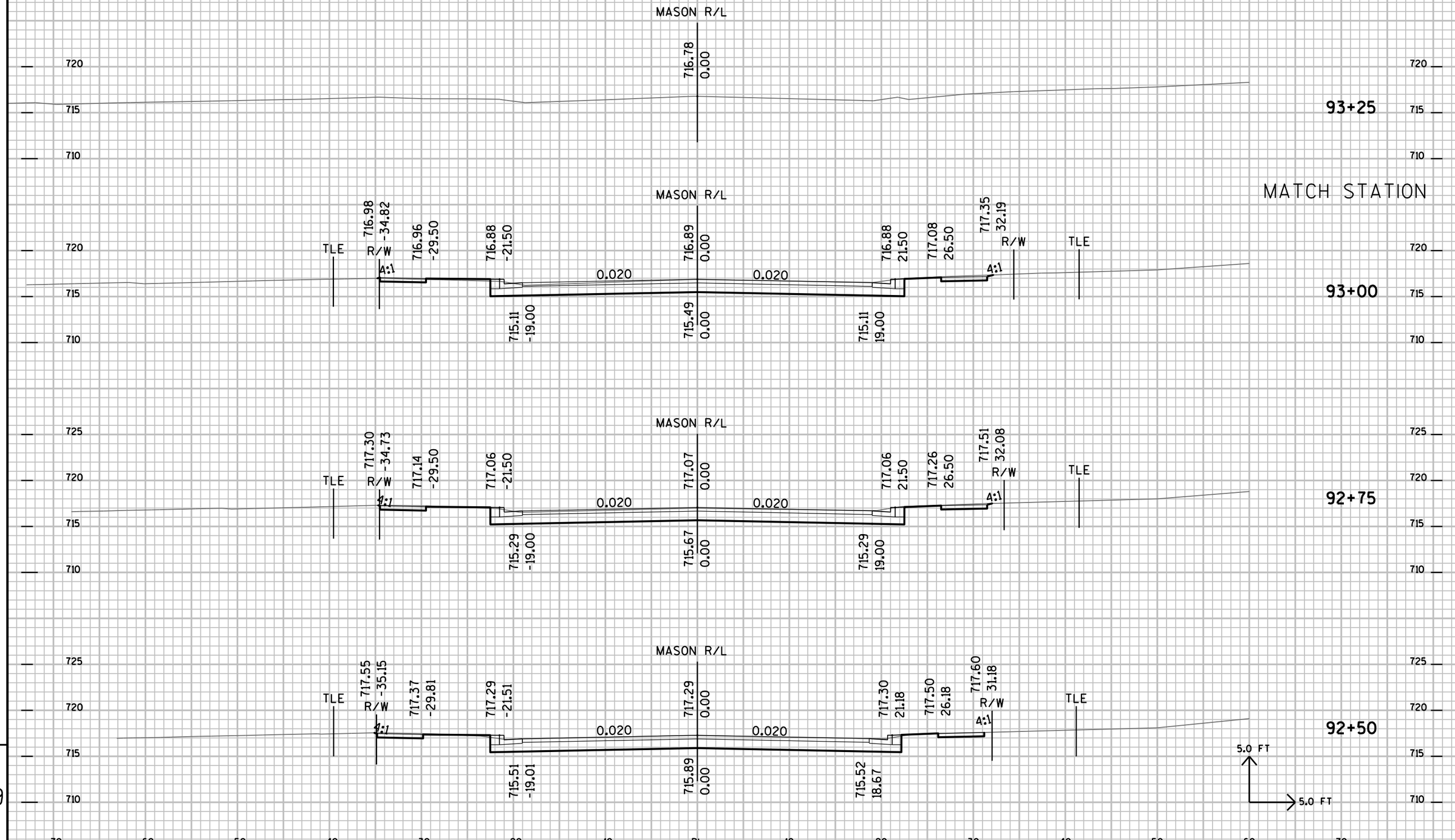
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MASON STREET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090214_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MASON STREET	SHEET NO:	E

FILE NAME : P:\State\s35\71900600\Cad\Calce\719006\090214_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MASON R/L

717.17

0.00

94+25

MASON R/L

716.92

0.00

94+00

MASON R/L

716.77

0.00

93+75

MASON R/L

716.76

0.00

93+50

725 720 715 710

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

5.0 FT

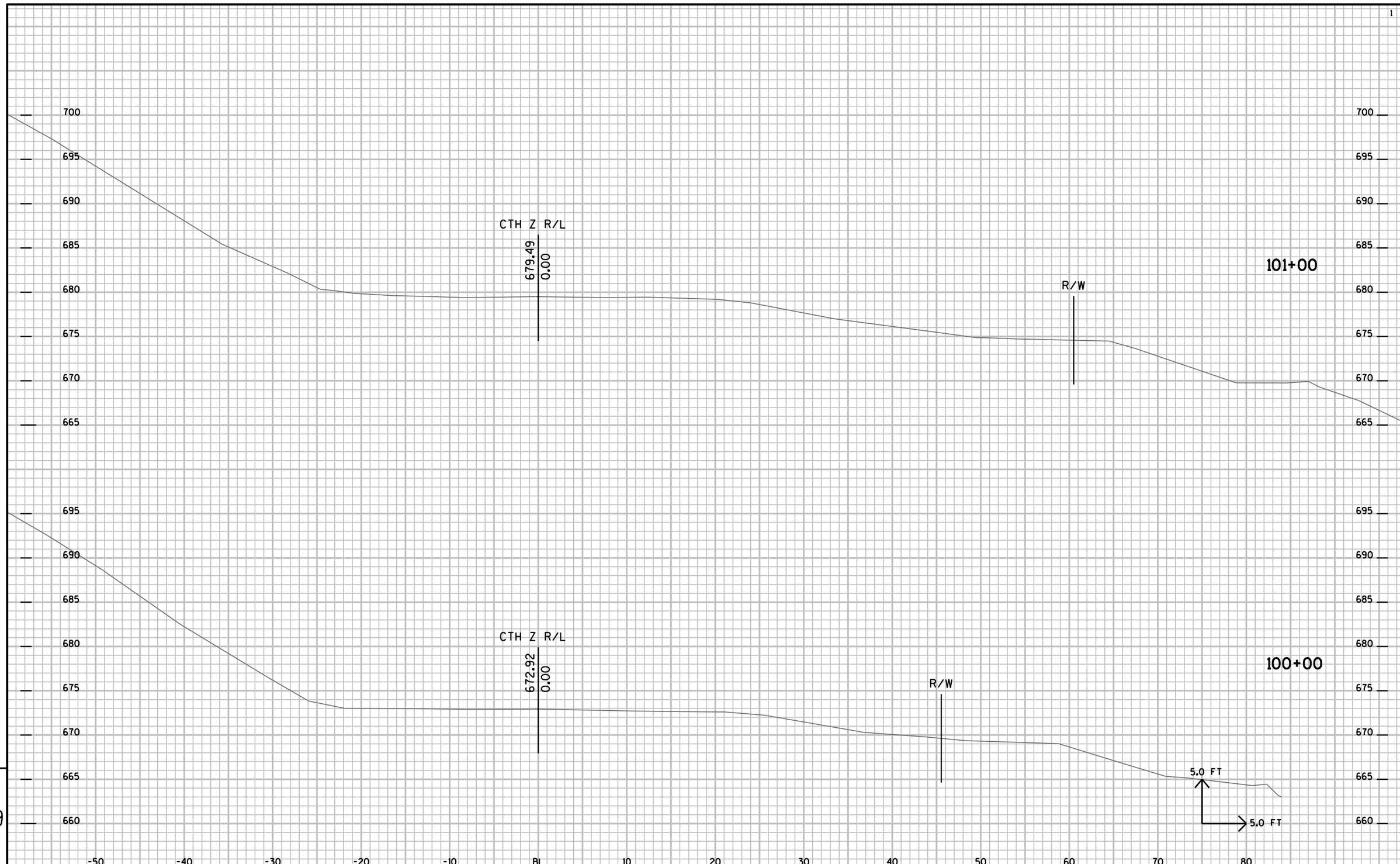
5.0 FT

9

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MASON STREET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090214_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

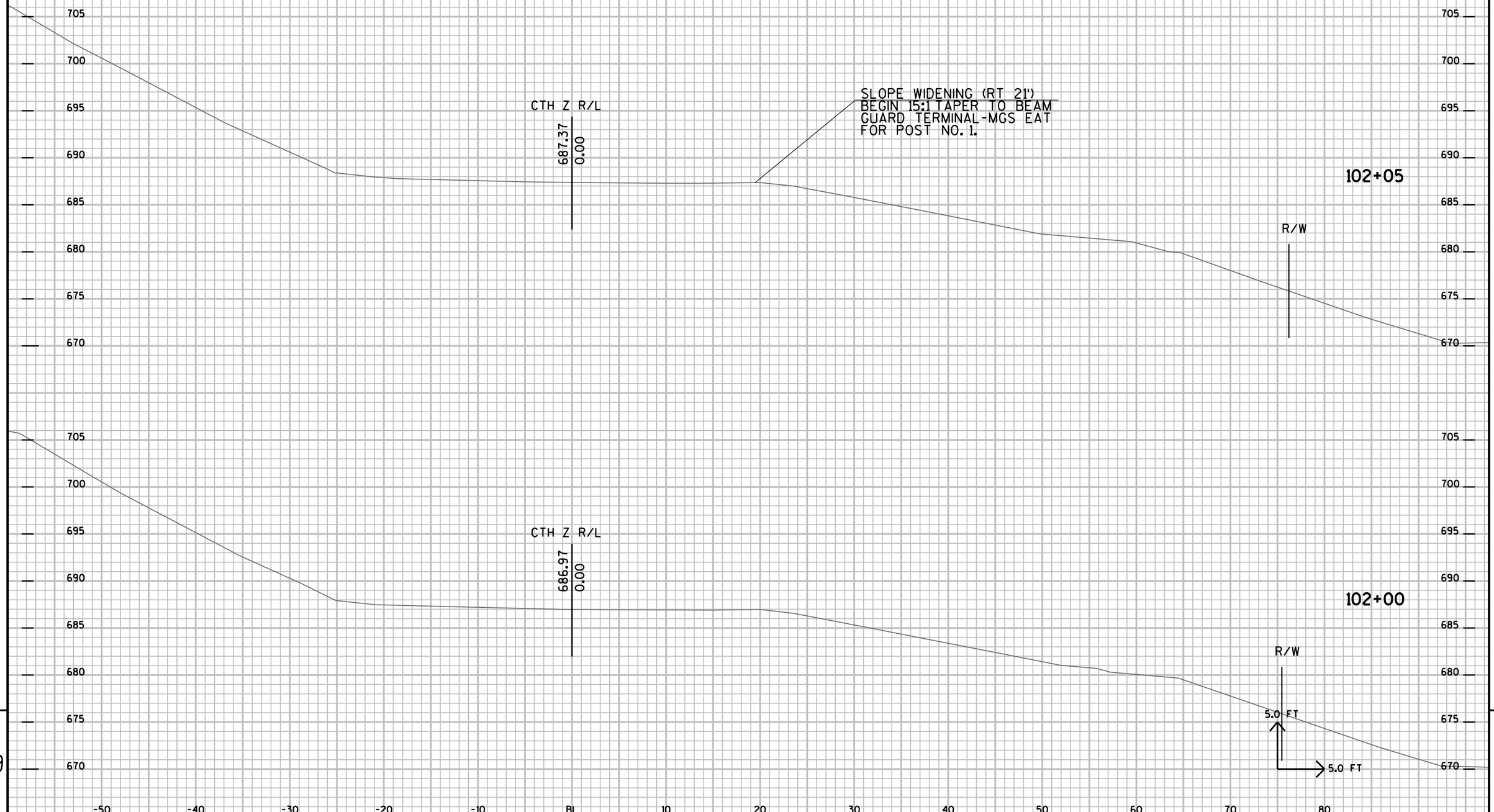


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

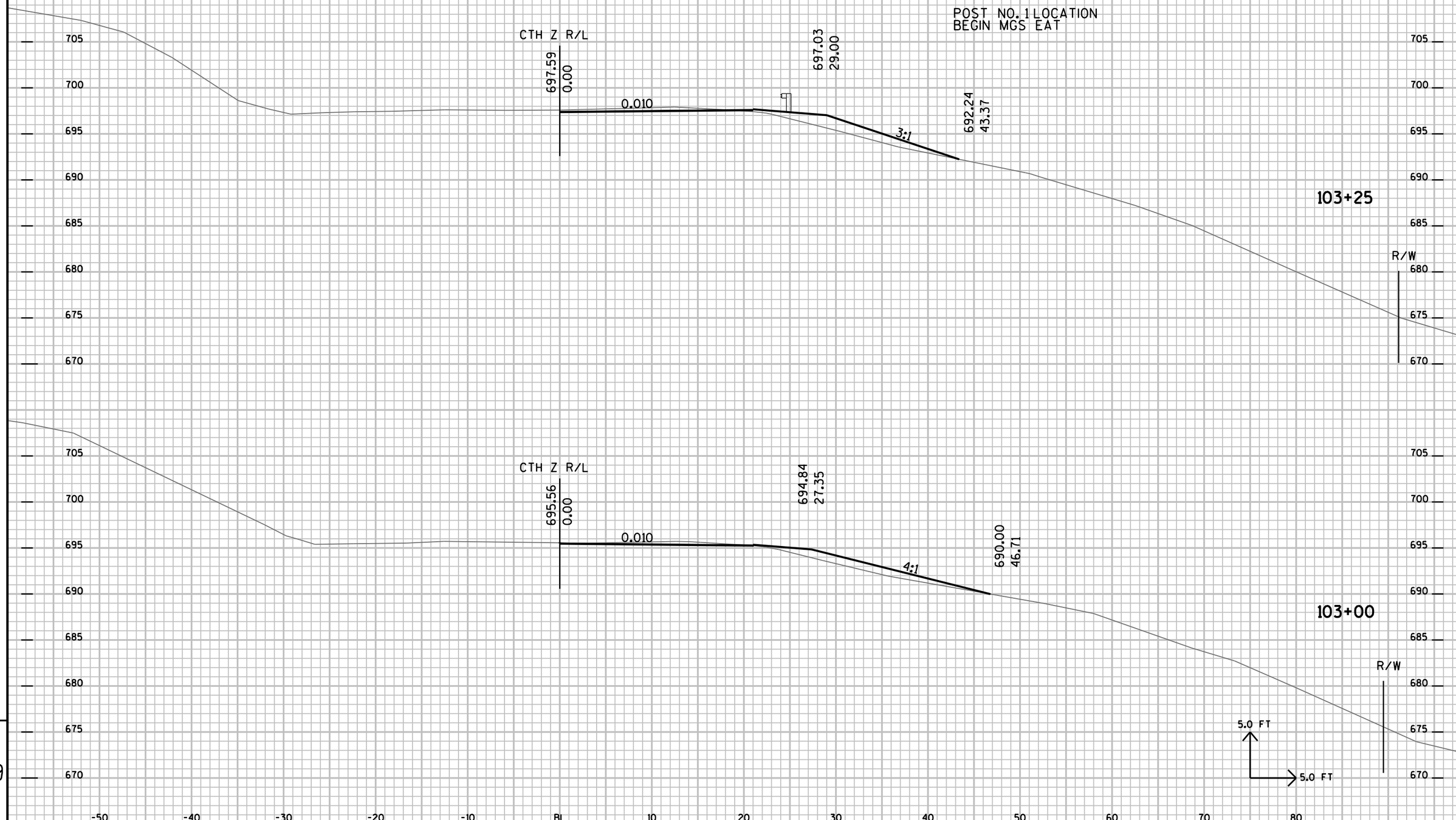


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

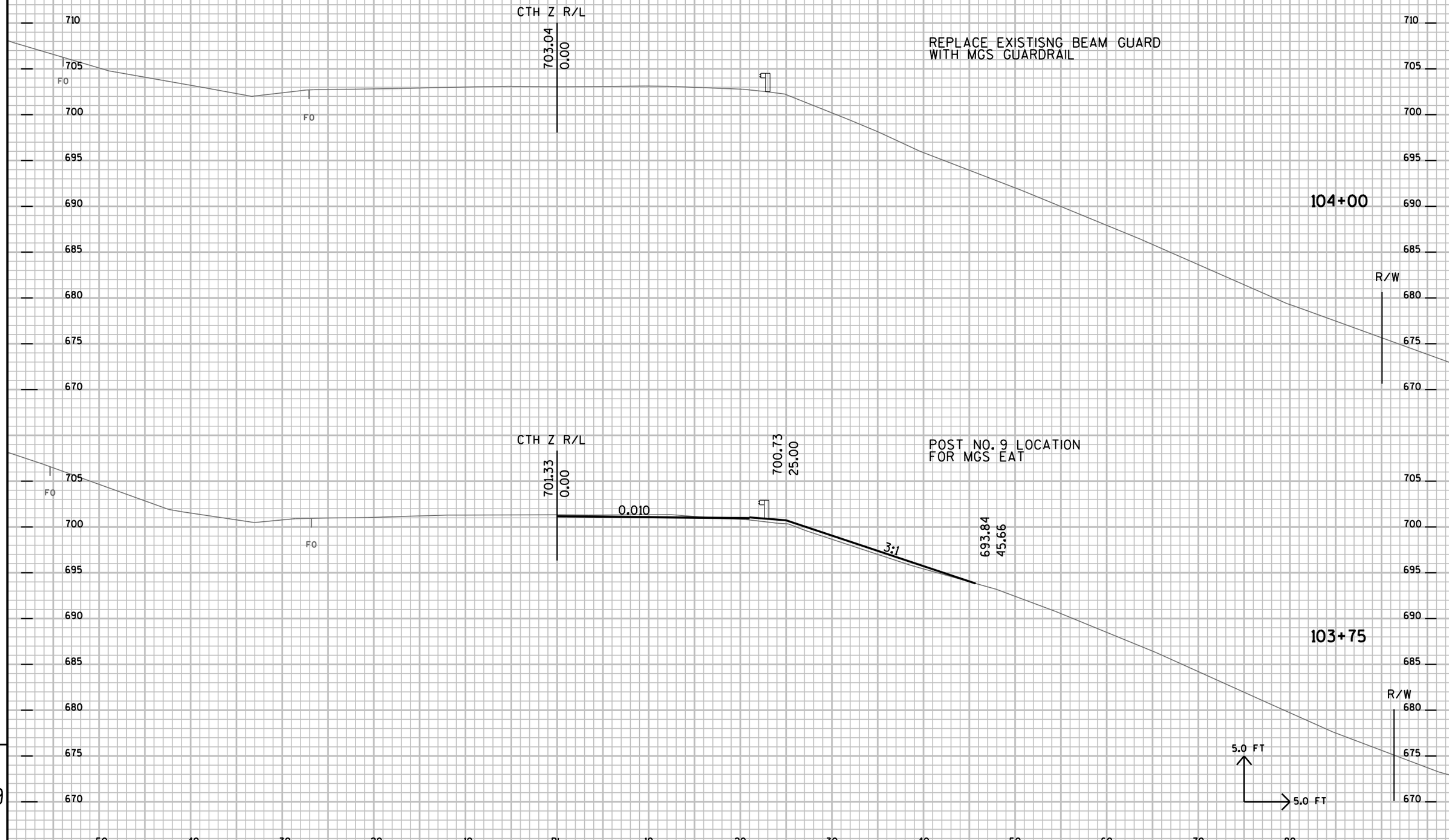


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

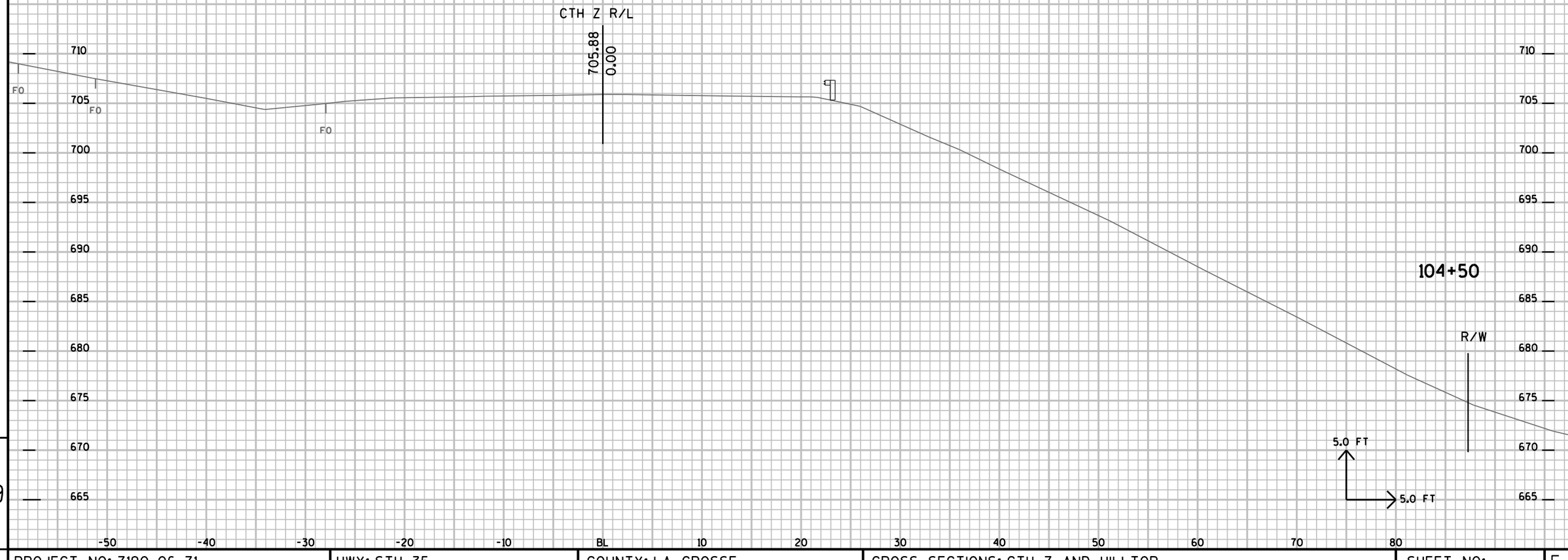


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

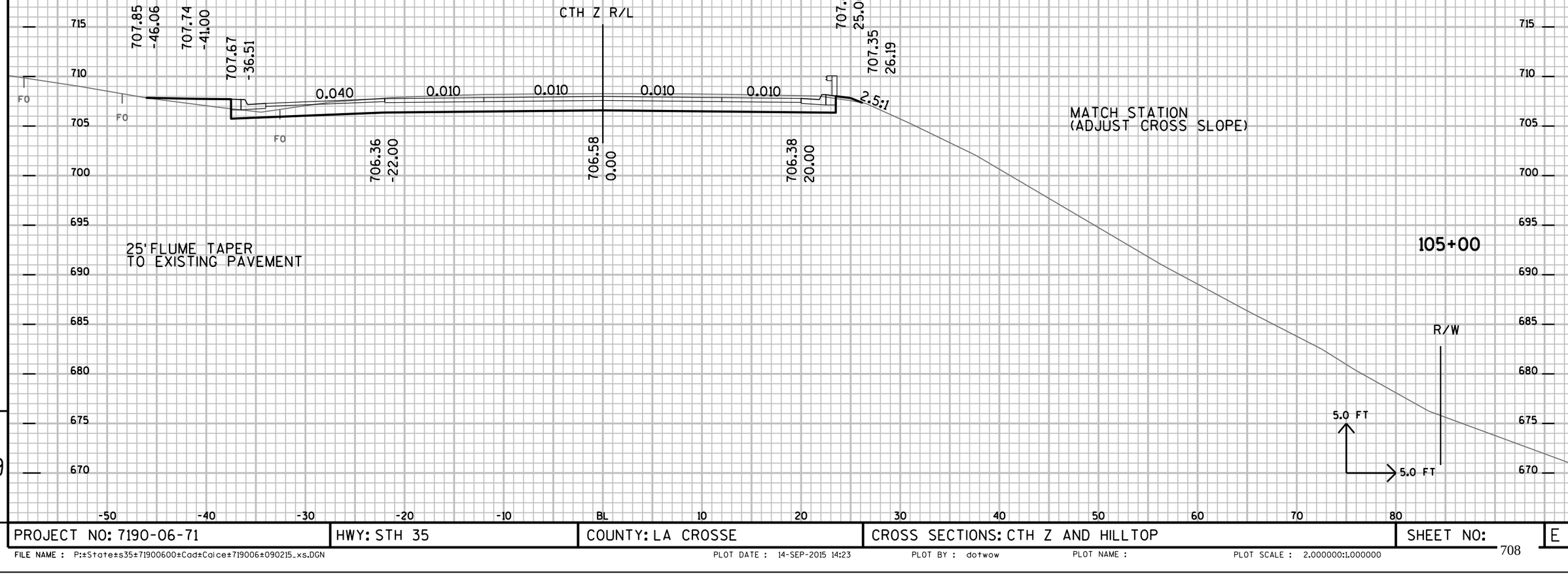
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E



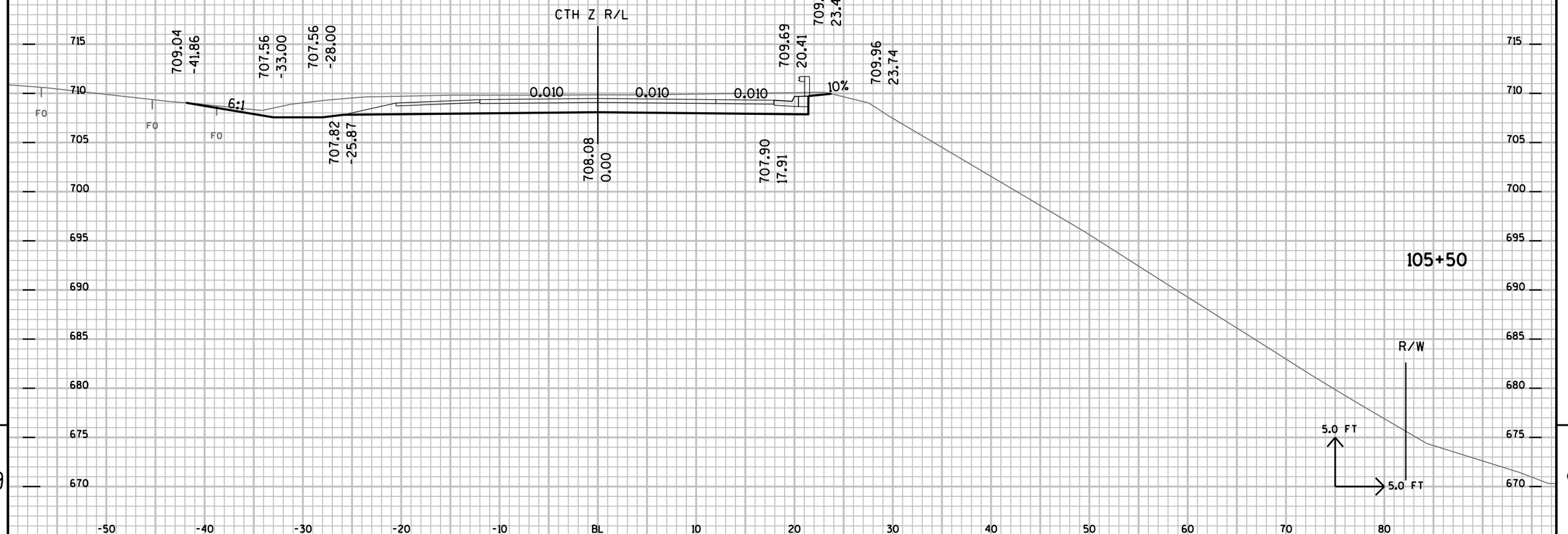
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

BEGIN ASPHALT FLUME
TRANSITION/SHAPE DITCH AND SHOULDER
TO DRAIN INTO CURB & GUTTER AT STA 105+00



9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 303+34 'NB'

MATCH LINE

CTH Z R/L

BEGIN WALL R-32-0058
STA 106+00 RT 47'

707.74
-38.34

708.27
-30.00

708.41
-23.39

708.87
0.00

708.53
17.07

710.32
19.57

710.20
22.50

707.70
27.50

707.72
27.56

0.020
0.020
0.020

6.4%

2:1

FO
FO

715
710
705
700
695
690
685
680
675
670
665

106+00

R/W

5.0 FT
5.0 FT

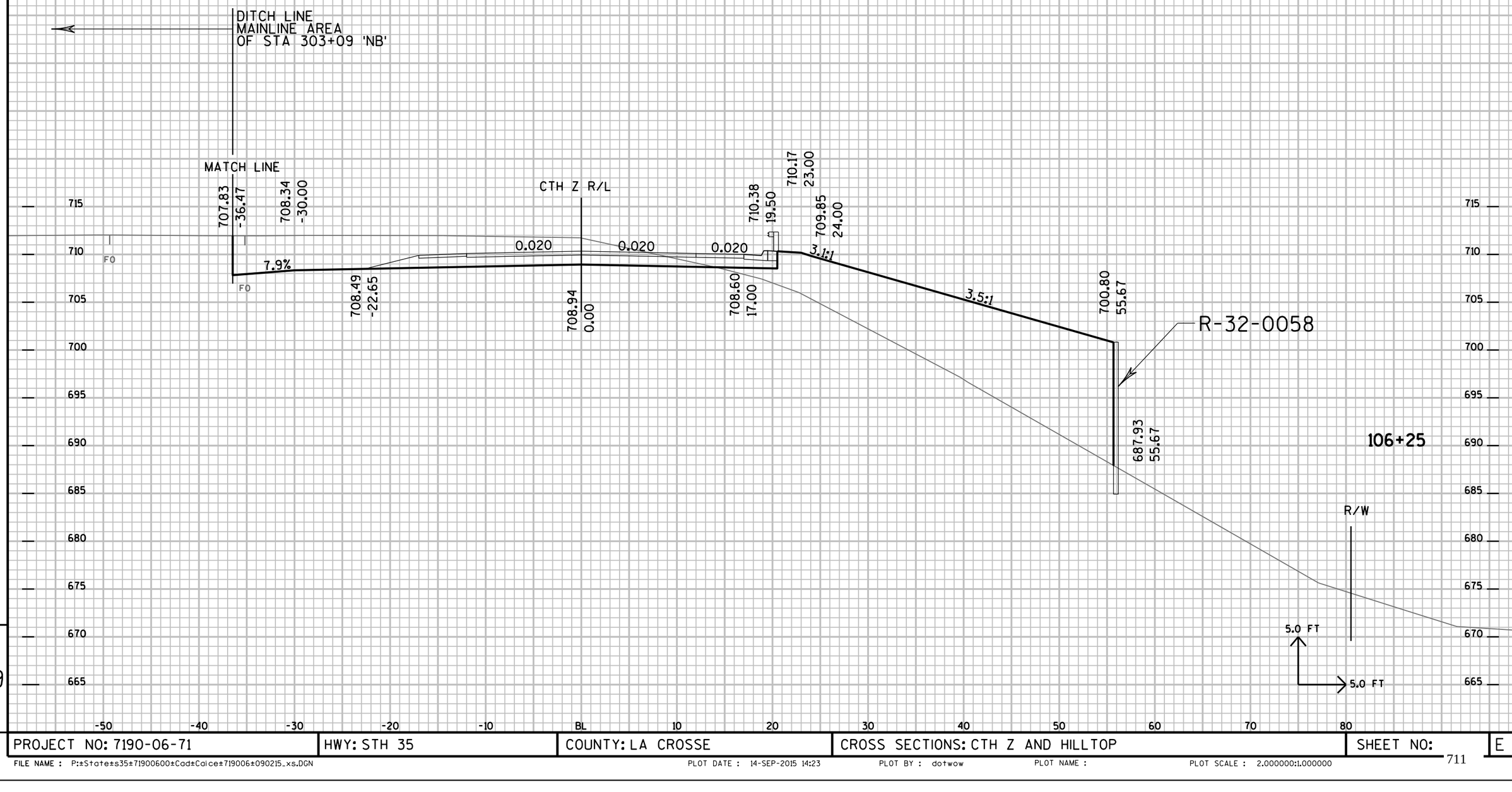
-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

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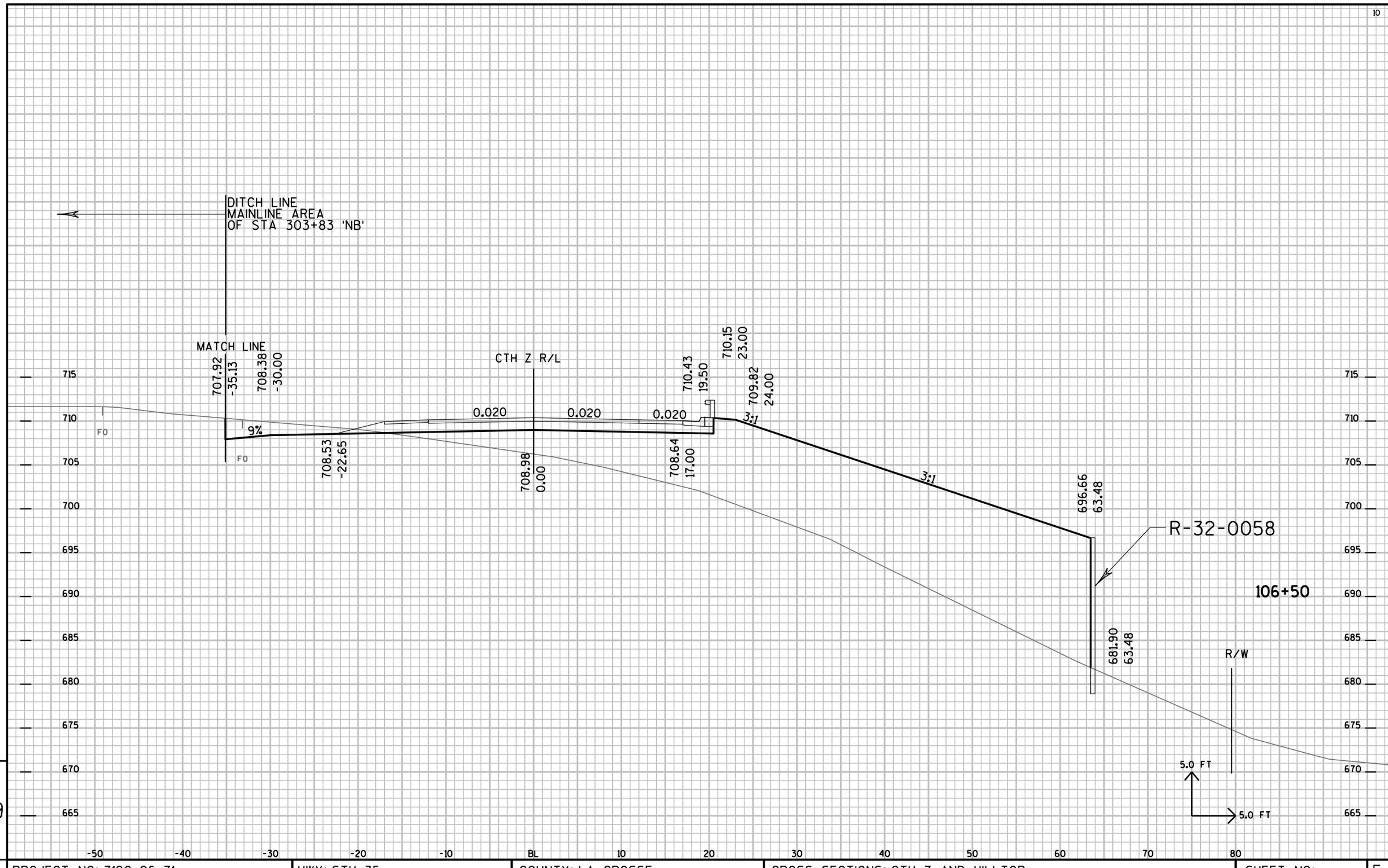
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

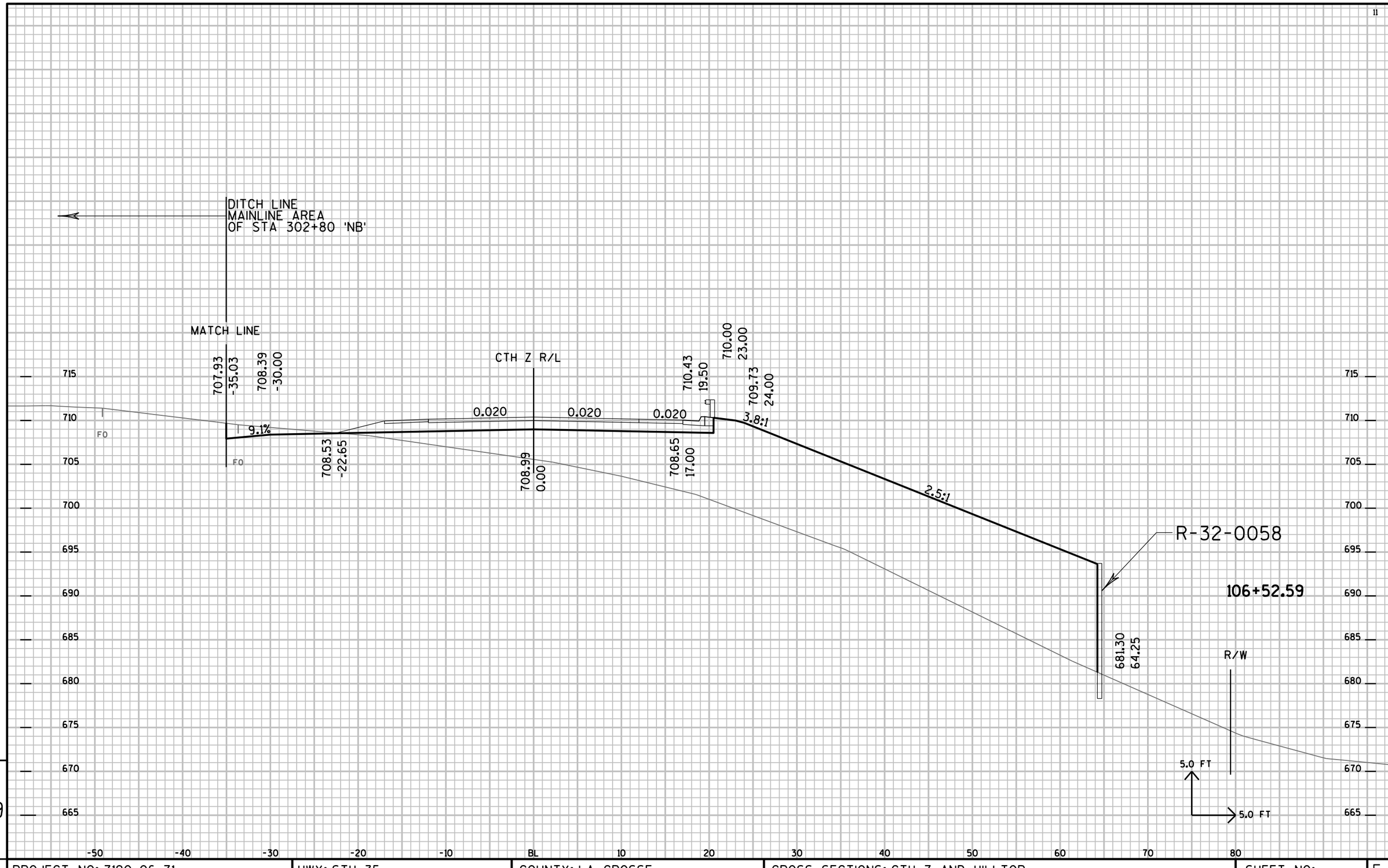


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 302+57 'NB'

MATCH LINE

708.01
-34.44

708.43
-30.00

CTH Z R/L

710.47
19.50

710.04
23.00

709.77
24.00

0.020
0.020
0.020

9.4%

3.8:1

708.57
-22.65

709.03
0.00

708.69
17.00

2.5:1

694.10
63.17

R-32-0058

106+75

679.97
63.17

R/W

5.0 FT

5.0 FT

715
710
705
700
695
690
685
680
675
670
665

FO
FO

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 302+31 'NB'

MATCH LINE

CTH Z R/L

715 — 710 — 705 — 700 — 695 — 690 — 685 — 680 — 675 — 670

FO

FO

708.11
-34.40

708.47
-30.00

8.2%

708.62
-22.65

0.020

709.07
0.00

0.020

0.020

708.73
17.00

710.52
19.50

710.17
23.00

709.82
24.00

2.9:1

2.5:1

694.86
61.40

678.73
61.40

R-32-0058

107+00

R/W

5.0 FT

5.0 FT

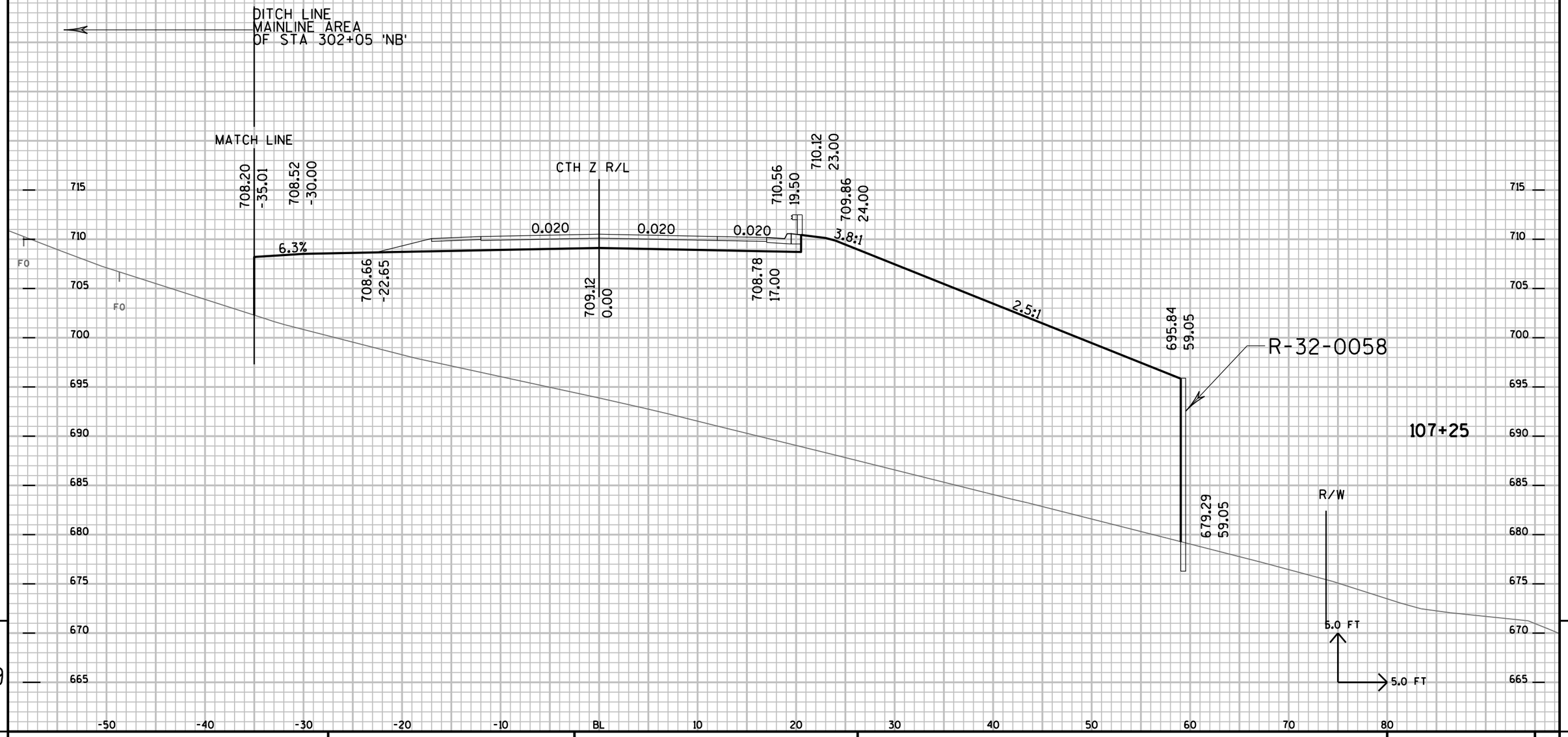
-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 301+79 'NB'

MATCH LINE

CTH Z R/L

708.29
-35.93

708.56
-30.00

4.5%

708.71
-22.65

709.16
0.00

0.020

0.020

0.020

708.82
17.00

710.61
19.50

710.17
23.00

709.91
24.00

3.9:1

2.5:1

697.08
56.08

679.66
56.08

R-32-0058

107+50

R/W

5.0 FT

5.0 FT

715
710
705
700
695
690
685
680
675
670
665

FO
FO

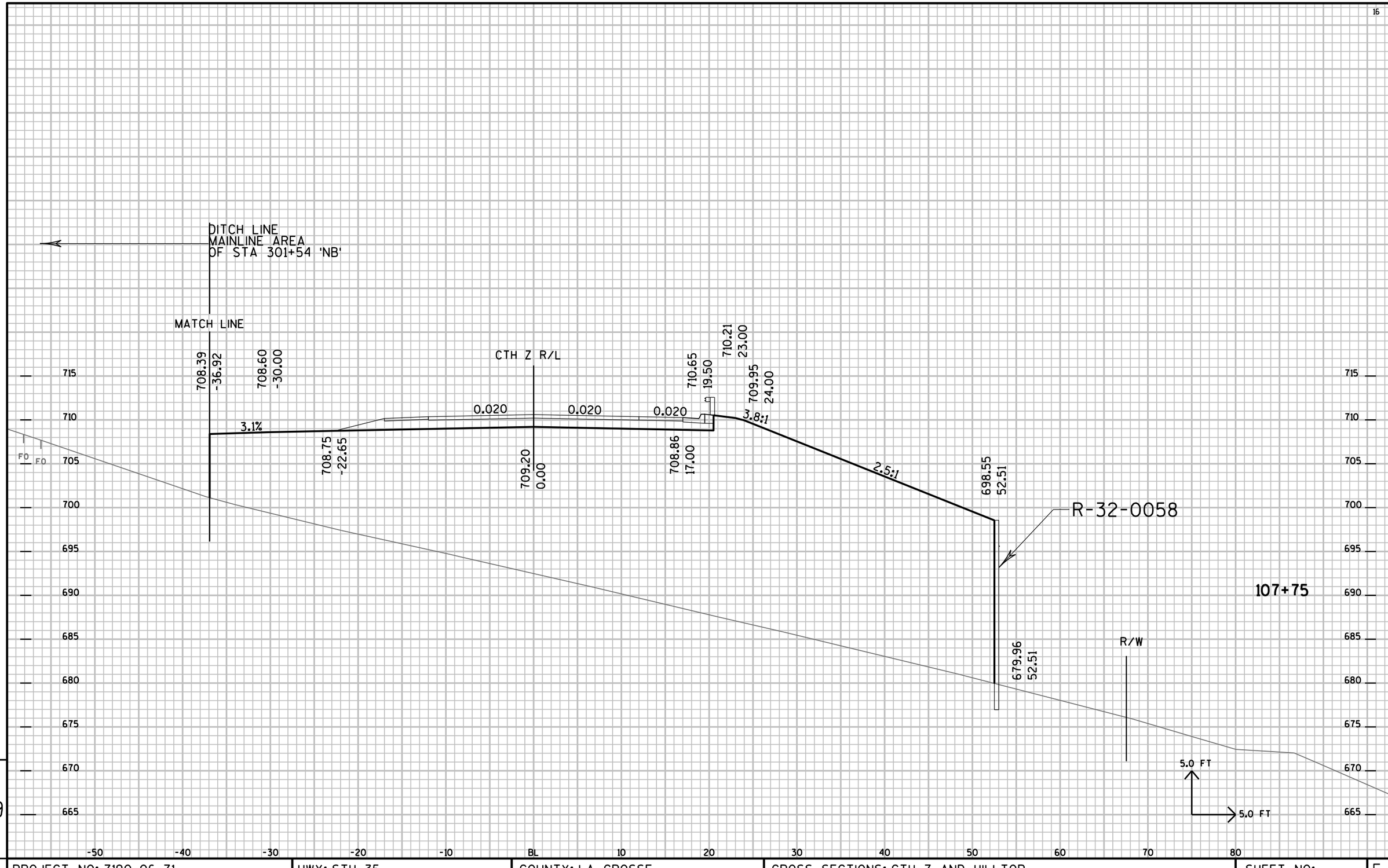
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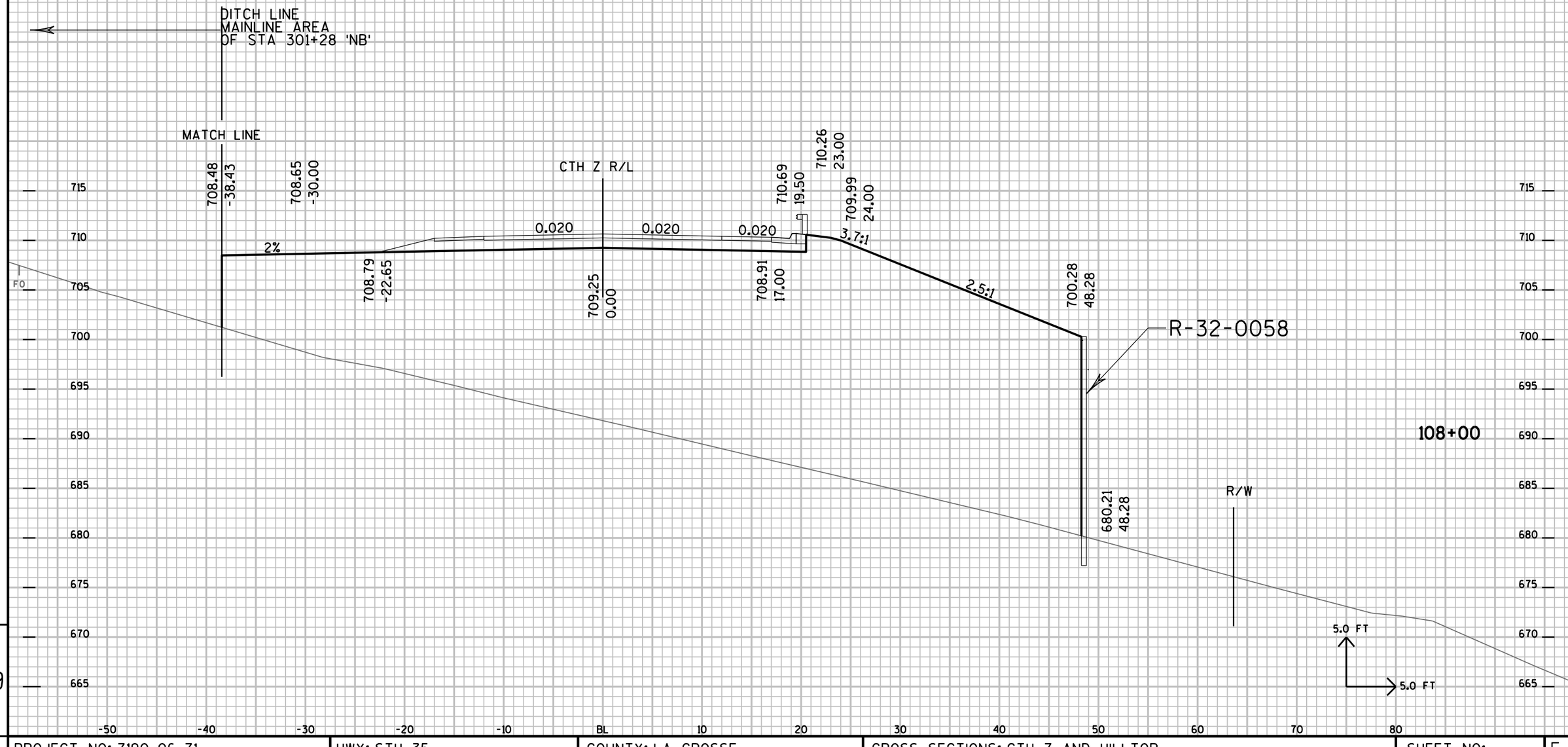
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 301+03 'NB'

MATCH LINE

708.57
-40.00

708.69
-30.00

CTH Z R/L

1.2%

0.020

0.020

0.020

708.84
-22.65

709.29
0.00

710.74
19.50

710.30
23.00

710.04
24.00

3.8:1

708.95
17.00

2.5:1

702.09
43.87

R-32-0058

680.35
43.87

R/W

108+25

5.0 FT

5.0 FT

715 710 705 700 695 690 685 680 675 670 665 660

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 300+78 'NB'

MATCH LINE

708.66
-41.57

708.74
-30.00

CTH Z R/L

0.7%

0.020

0.020

0.020

708.88
-22.65

709.34
0.00

709.00
17.00

710.78
19.50

710.35
23.00

710.08
24.00

3.8:1

2.5:1

703.90
39.46

R-32-0058

681.01
39.46

R/W

108+50

5.0 FT

5.0 FT

715
710
705
700
695
690
685
680
675
670
665
660

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 300+62 'NB'

MATCH LINE

708.72
-46.80

708.79
-33.00

CTH Z R/L

710.83
19.50

710.39
23.00

710.12
24.00

705.29
36.06

0.5%

0.020

0.020

0.020

3.7:1

2.5:1

708.86
-25.82

709.38
0.00

709.04
17.00

R-32-0058

681.03
36.06

R/W

108+75

5.0 FT

5.0 FT

715
710
705
700
695
690
685
680
675
670
665
660

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 300+54 'NB'

MATCH LINE

708.71
-48.81

708.88
-42.00

CTH Z R/L

0.015

0.020

0.020

708.89
-35.02

709.41
0.00

709.07
17.00

710.86
19.50

710.42
23.00

710.16
24.00

3.8:1

2.5:1

704.02
39.35

R-32-0058

680.83
39.35

R/W

108+93.21

5.0 FT

5.0 FT

715 710 705 700 695 690 685 680 675 670 665 660

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:23 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DITCH LINE
MAINLINE AREA
OF STA 301+51 'NB'

MATCH LINE

708.75
-49.10

708.79
-42.00

CTH Z R/L

710.43
23.00

710.87
19.50

710.17
24.00

0.5%

0.015

0.020

0.020

3.8:1

2.5:1

703.77
40.00

708.81
-40.70

709.42
0.00

709.08
17.00

R-32-0058

681.60
40.00

R/W

109+00

5.0 FT

5.0 FT

715
710
705
700
695
690
685
680
675
670
665

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

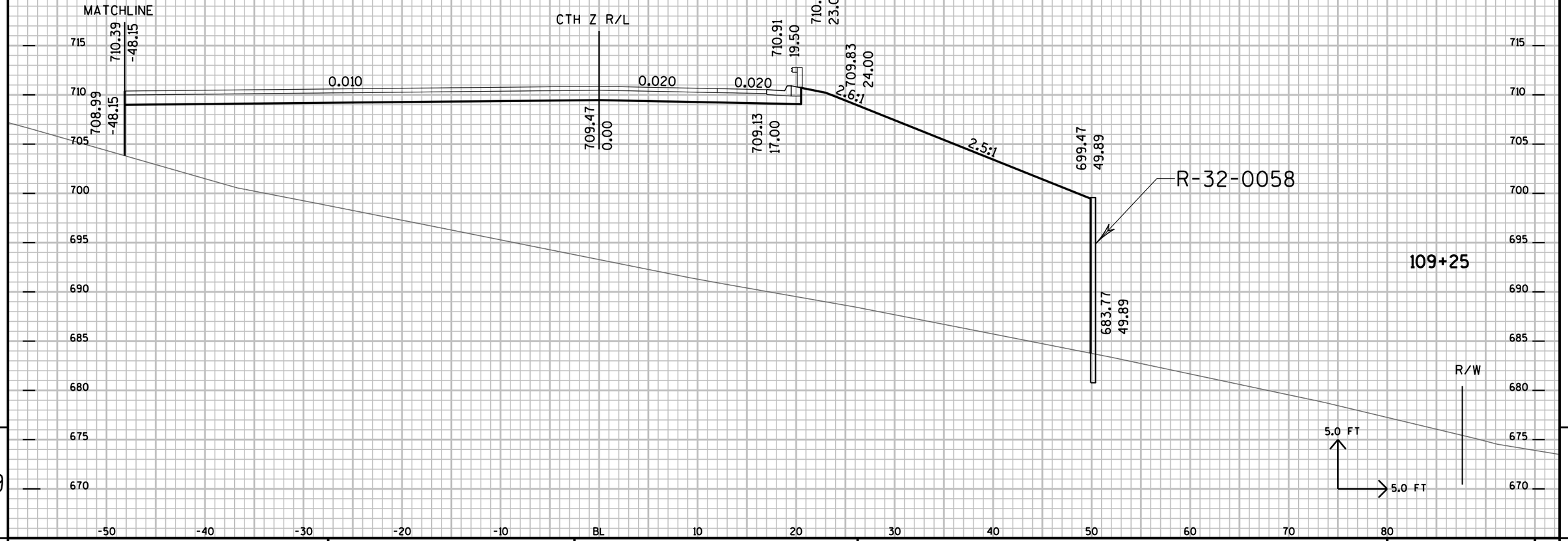
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:24 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVEMENT LINE TIES INTO
MAINLINE CROSS SECTION
PAVEMENT EXTENSION FOR CTH Z



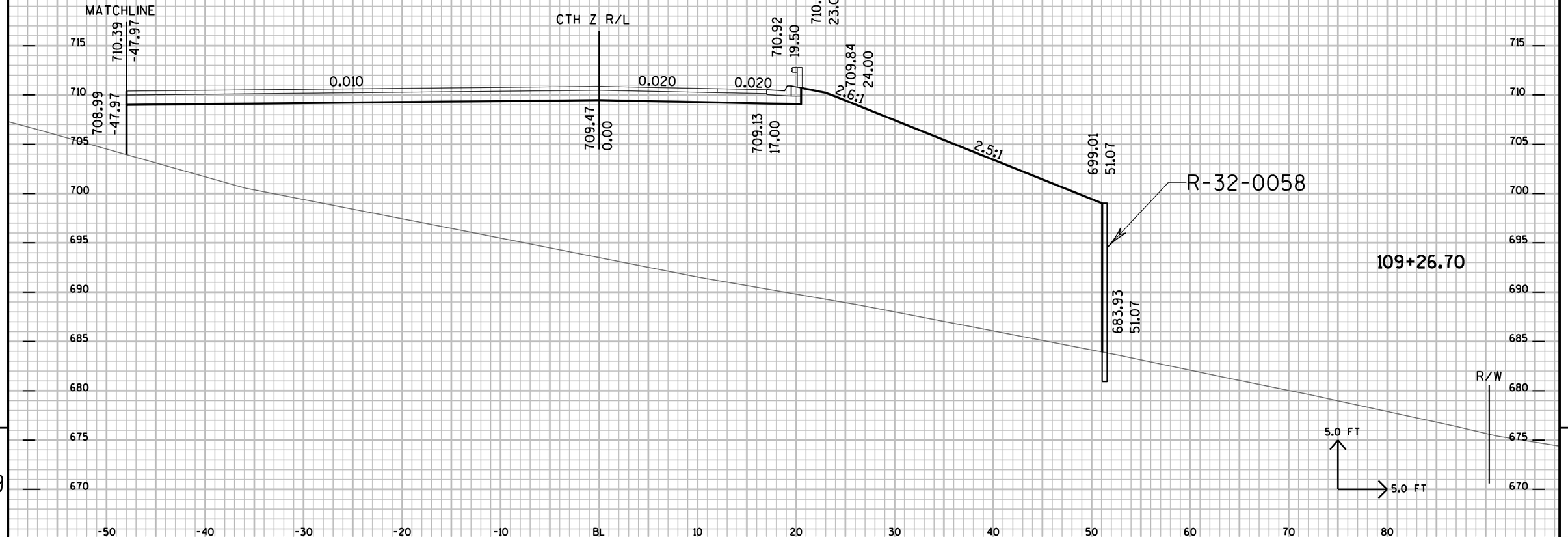
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:24 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PAVEMENT LINE TIES INTO
MAINLINE CROSS SECTION
PAVEMENT EXTENSION FOR CTH Z



9

9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:24 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCHLINE

711.17
-37.93
709.77
-37.93

0.006

CTH Z R/L

709.54
0.00

0.020

0.020

710.99
19.50
709.20
17.00

710.64
23.00
710.55
24.00

8.6%

END OF WALL R-32-0058
STA 109+65.0 RT 96.38'

3.5:1

109+65

689.87
96.38
689.75
96.38

PAVEMENT LINE TIES INTO
MAINLINE CROSS SECTION
PAVEMENT EXTENSION FOR CTH Z

R-32-0058

MATCHLINE

710.57
-43.49
709.17
-43.49

0.008

CTH Z R/L

709.51
0.00

0.020

0.020

710.96
19.50
709.17
17.00

710.38
23.00
710.06
24.00

3:1

3:1

R-32-0058

694.22
71.51
687.14
71.51

109+50

5.0 FT

5.0 FT

715 710 705 700 695 690 685 680

-50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80

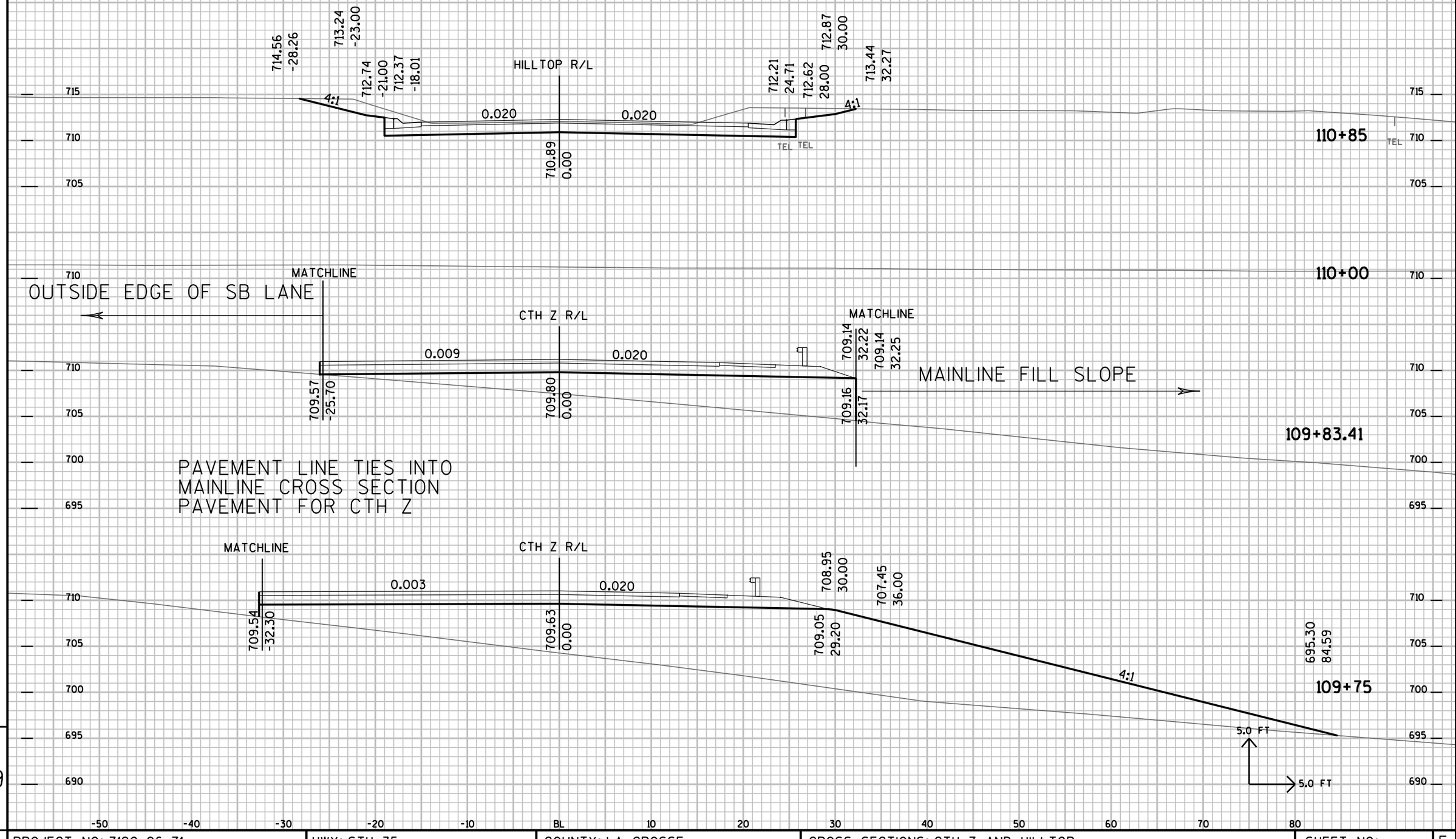
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

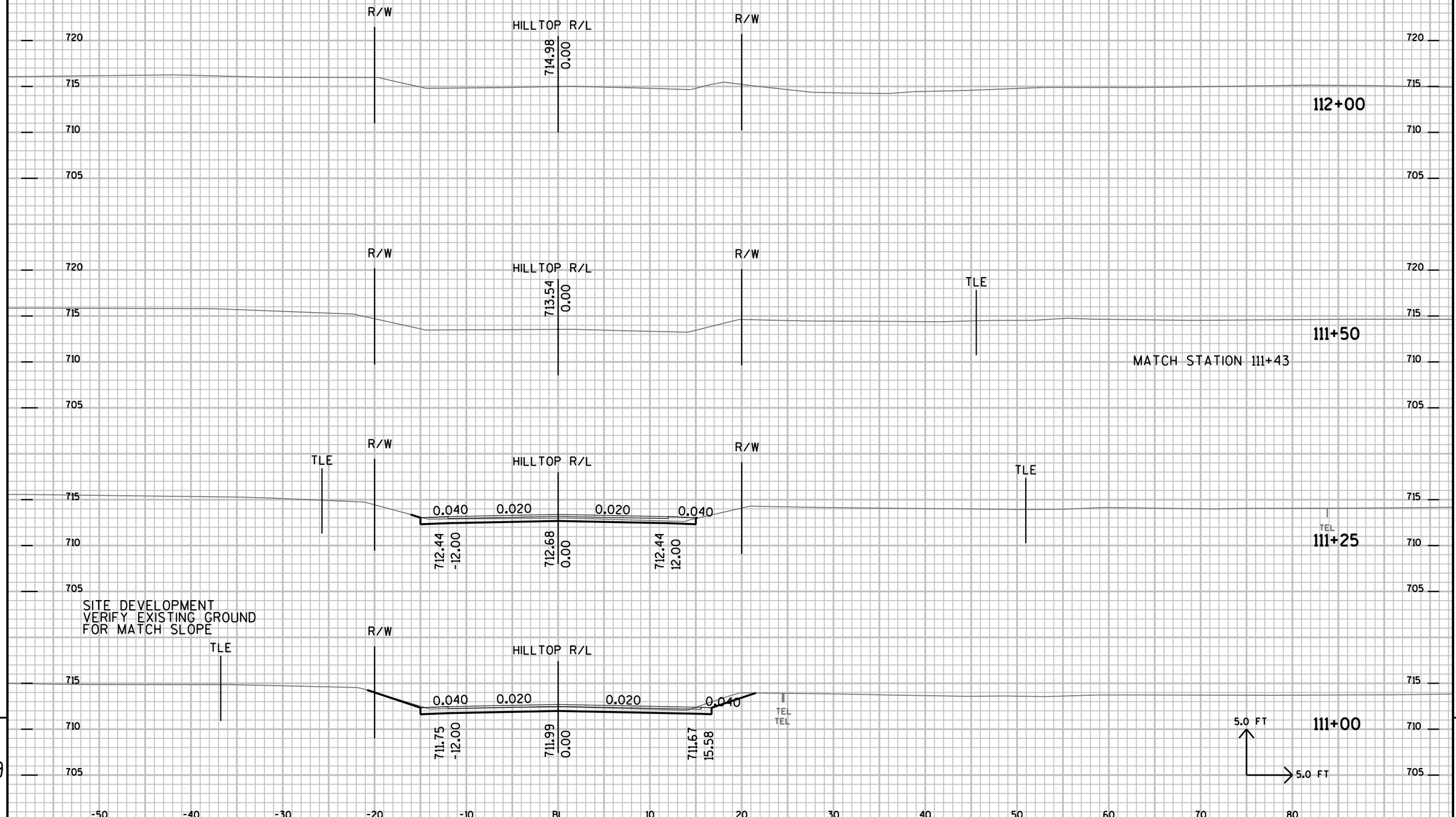
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SITE DEVELOPMENT
VERIFY EXISTING GROUND
FOR MATCH SLOPE



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:24 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

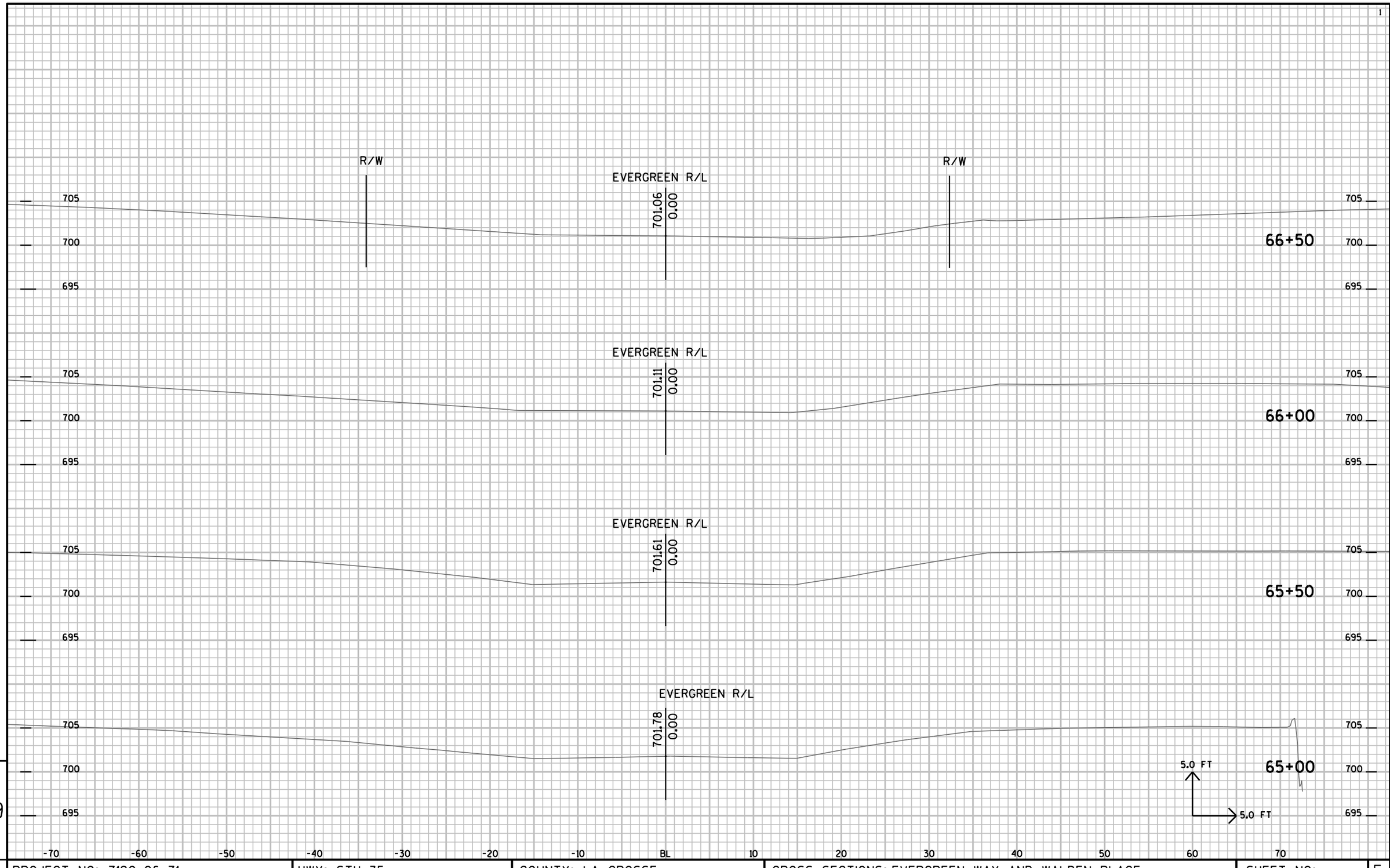


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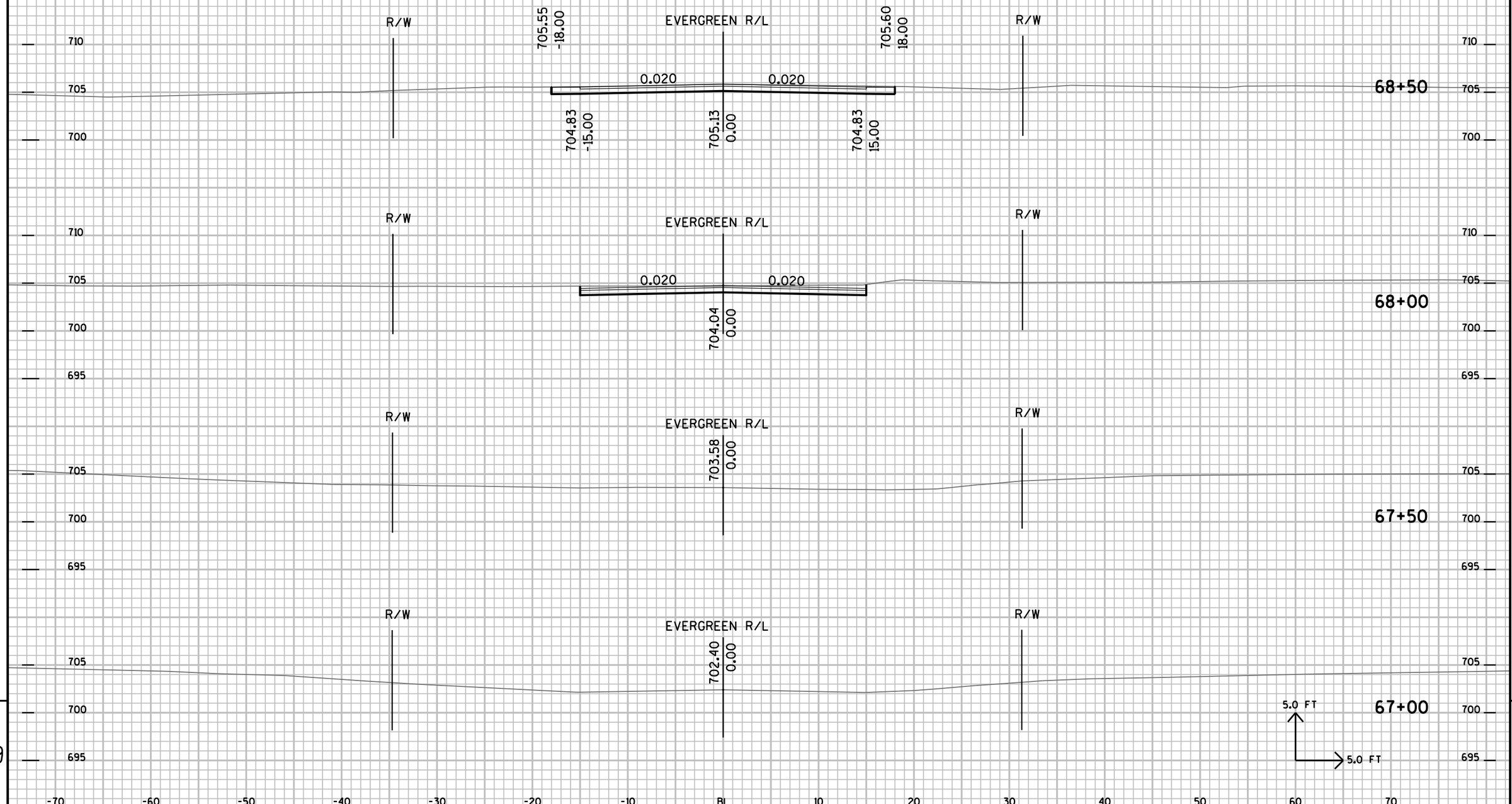
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH Z AND HILLTOP	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090215_xs.DGN PLOT DATE : 14-SEP-2015 14:24 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090216_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

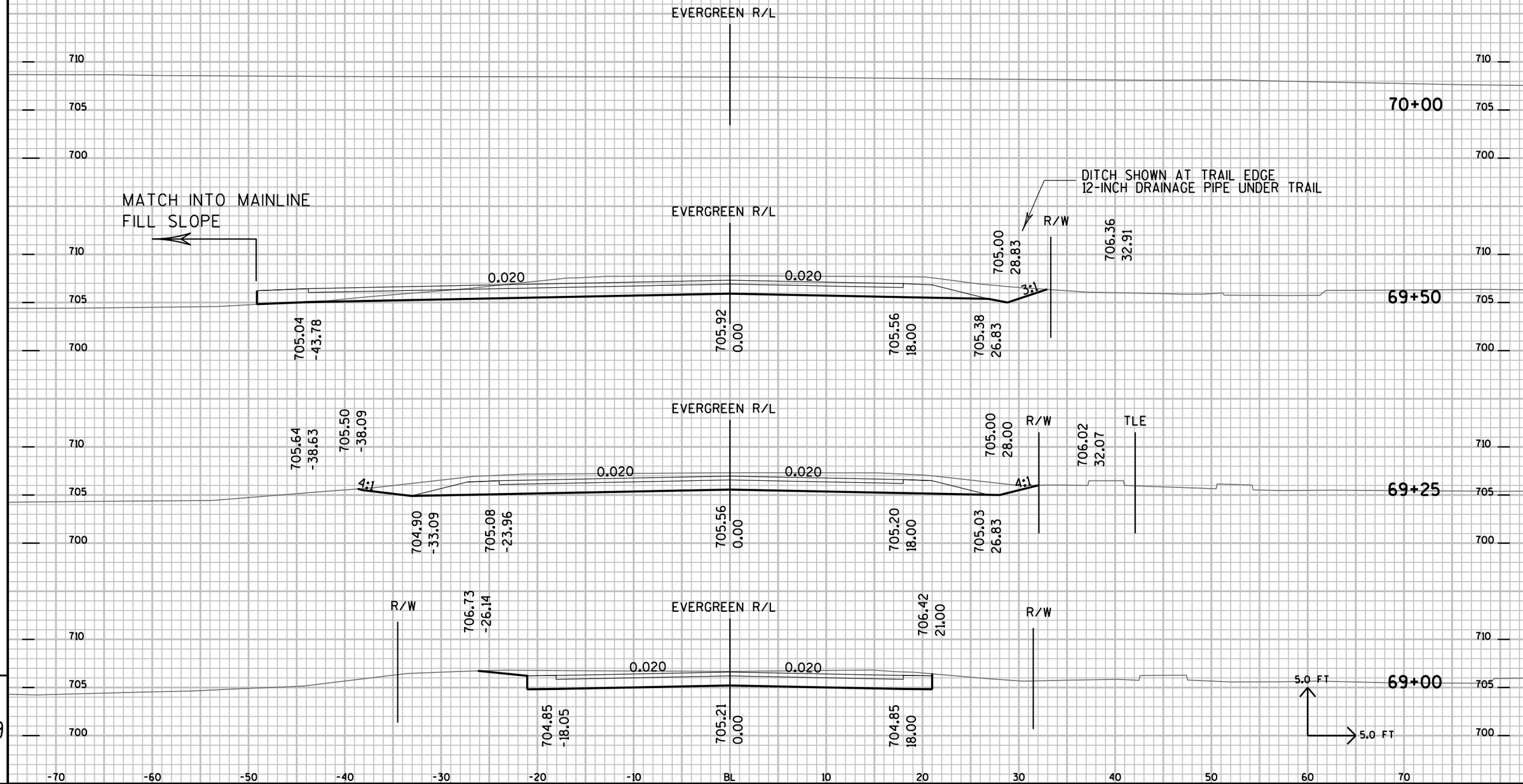


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090216_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



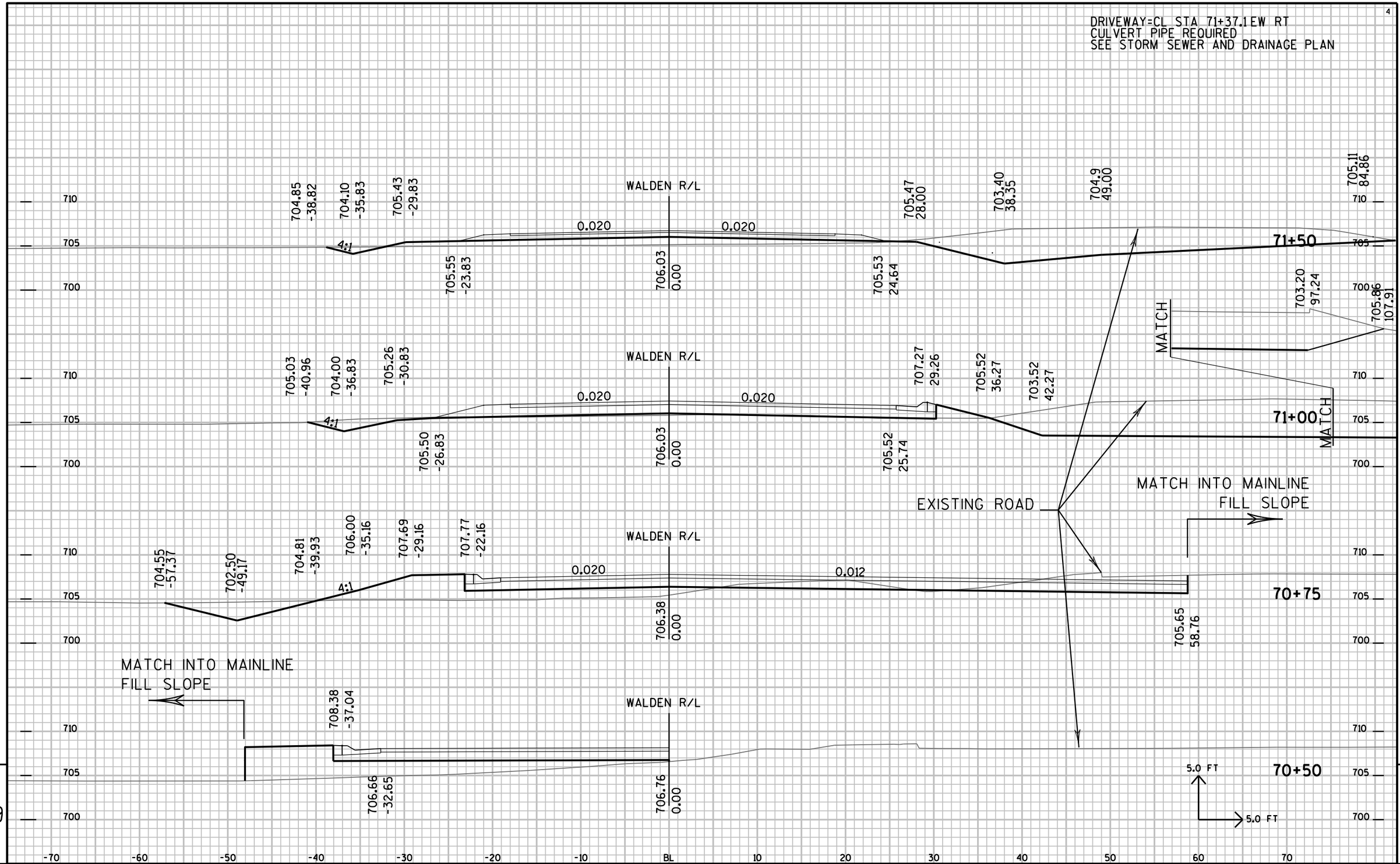
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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO:	E

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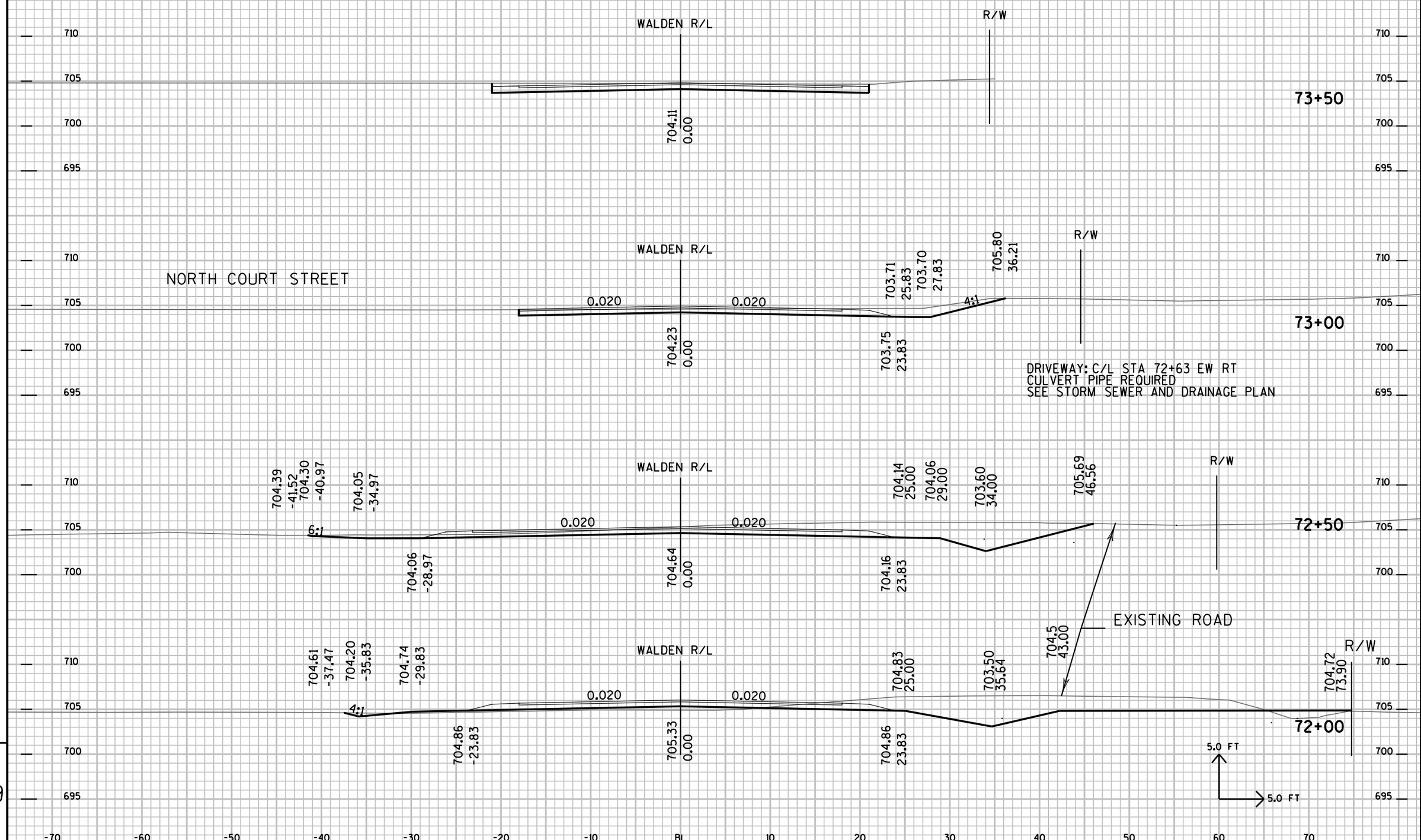
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DRIVEWAY=CL STA 71+37.1 EW RT
CULVERT PIPE REQUIRED
SEE STORM SEWER AND DRAINAGE PLAN



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090216_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

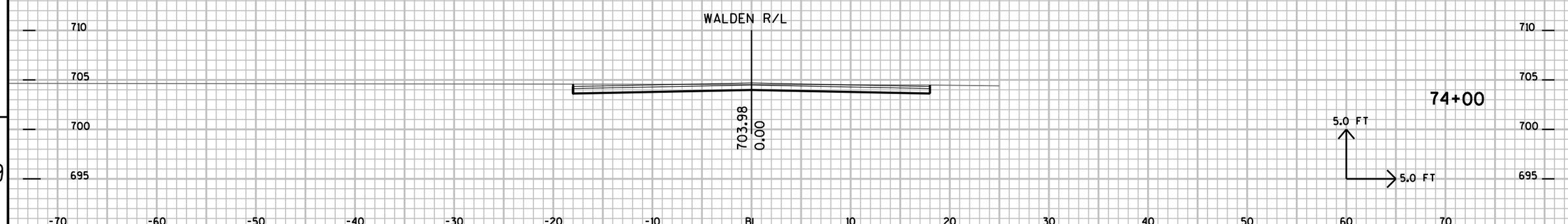


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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090216_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

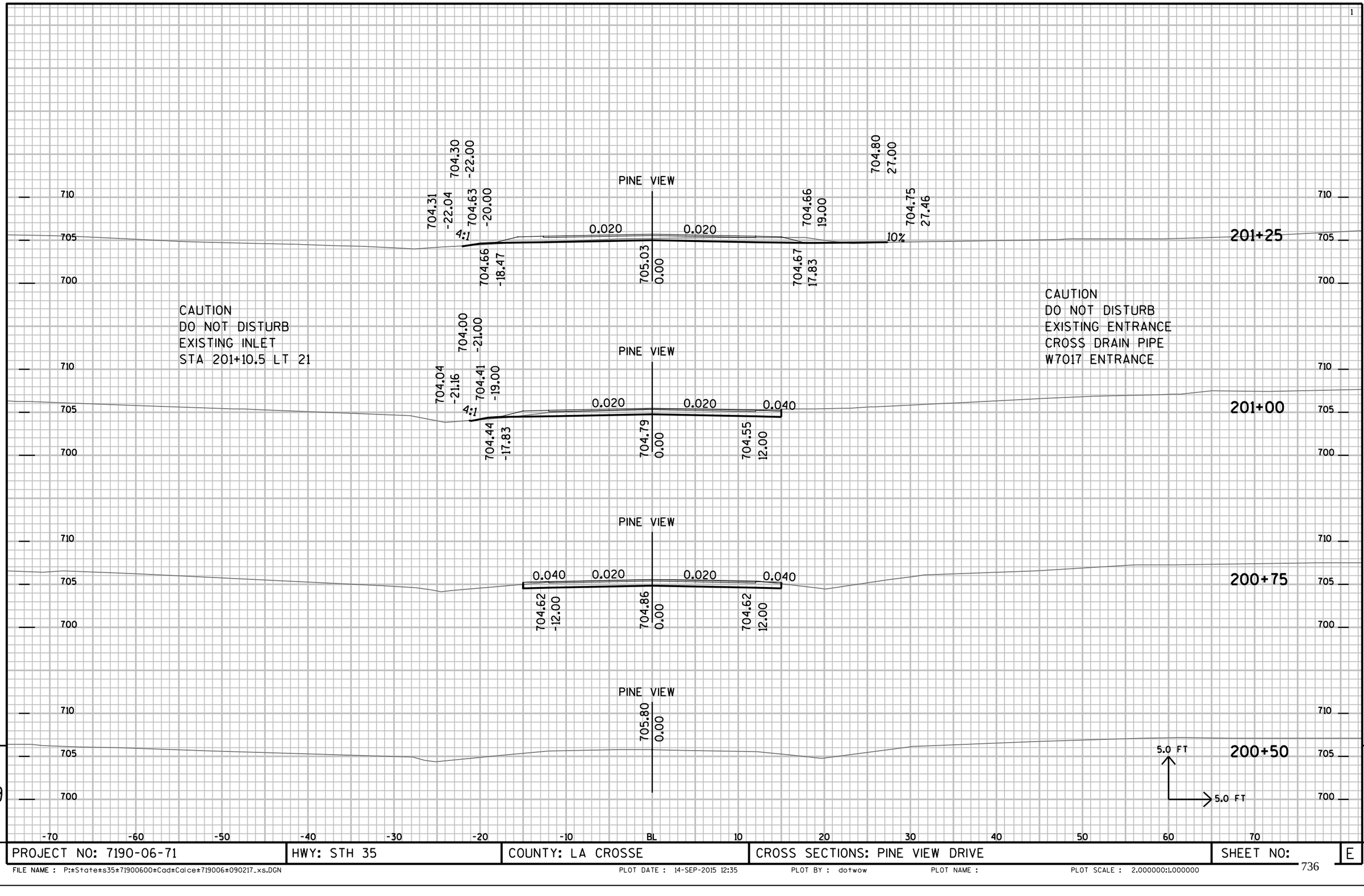


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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: EVERGREEN WAY AND WALDEN PLACE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090216_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

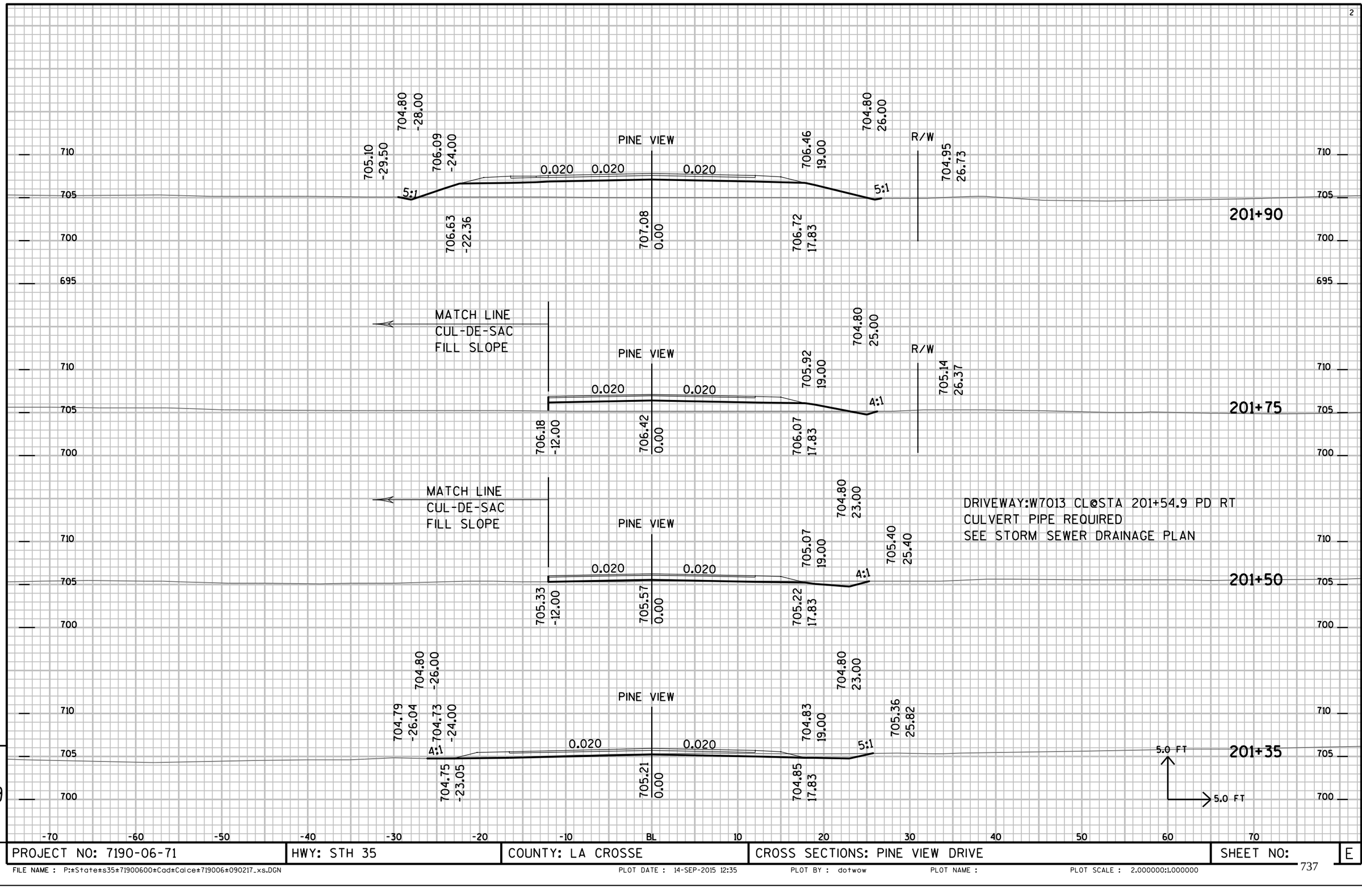


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: PINE VIEW DRIVE	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090217_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: PINE VIEW DRIVE	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090217_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

PINE VIEW

715
710
705
700

202+50

704.80
-37.00

707.87
-28.00

707.96
22.00

705.10
30.30

704.96
-37.96

704.77
31.28

6:1

3:1

710
705
700
695

PINE VIEW

707.52
-18.82

707.90
0.00

707.63
13.10

202+25

705.02
-28.00

704.93
25.00

705.00
-29.01

706.74
-22.00

PINE VIEW

706.83
19.00

R/W

704.91
25.54

0.020

0.020

5:1

5:1

710
705
700
695

707.16
-20.73

707.57
0.00

707.22
17.83

202+00

5.0 FT

5.0 FT

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

9

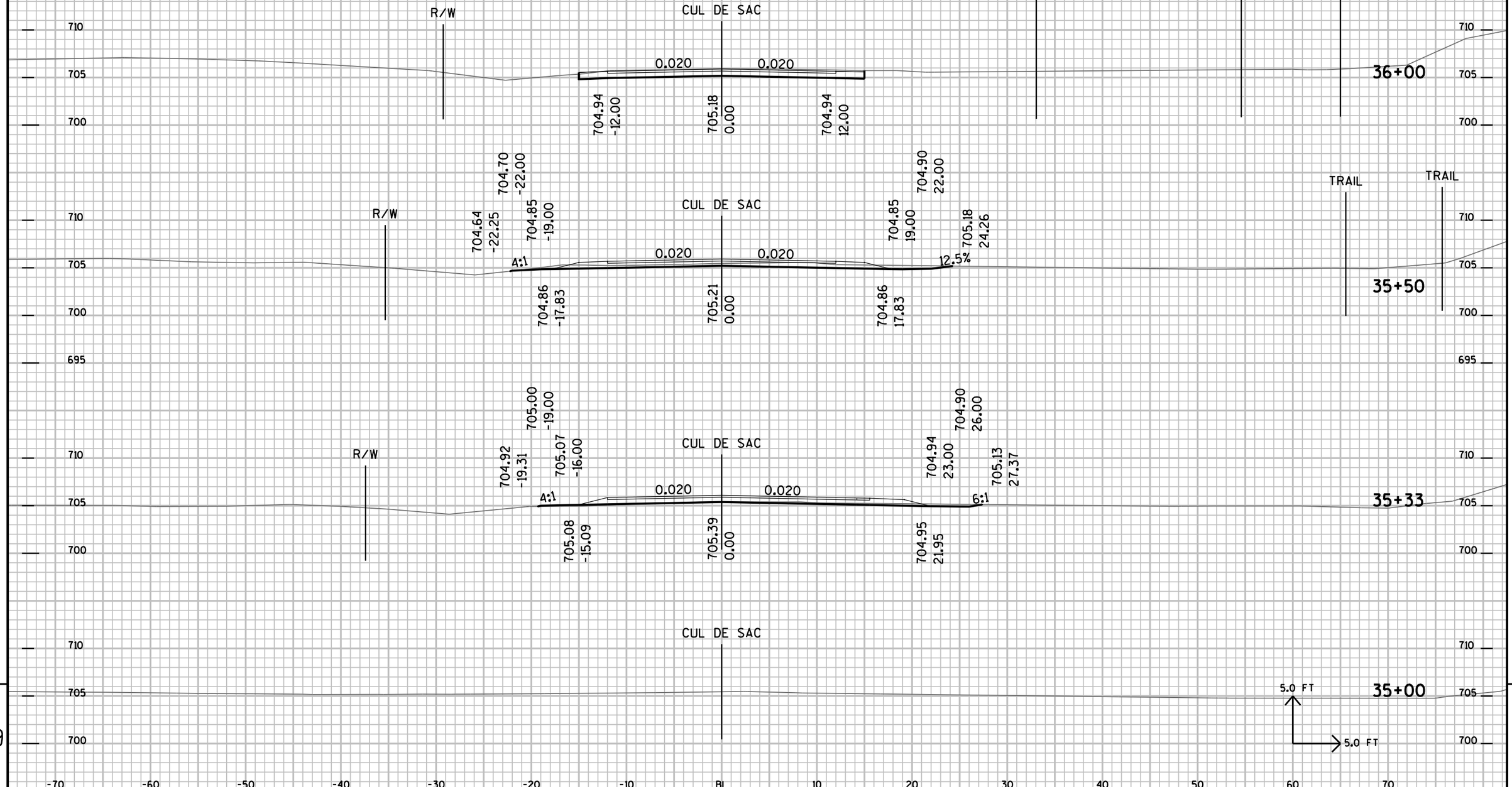
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: PINE VIEW DRIVE	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090217_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

DO NOT DISTURB EXISTING
CULVERT PIPE AT W7008 ENTRANCE

MAINLINE SLOPE
INTERCEPT POINT

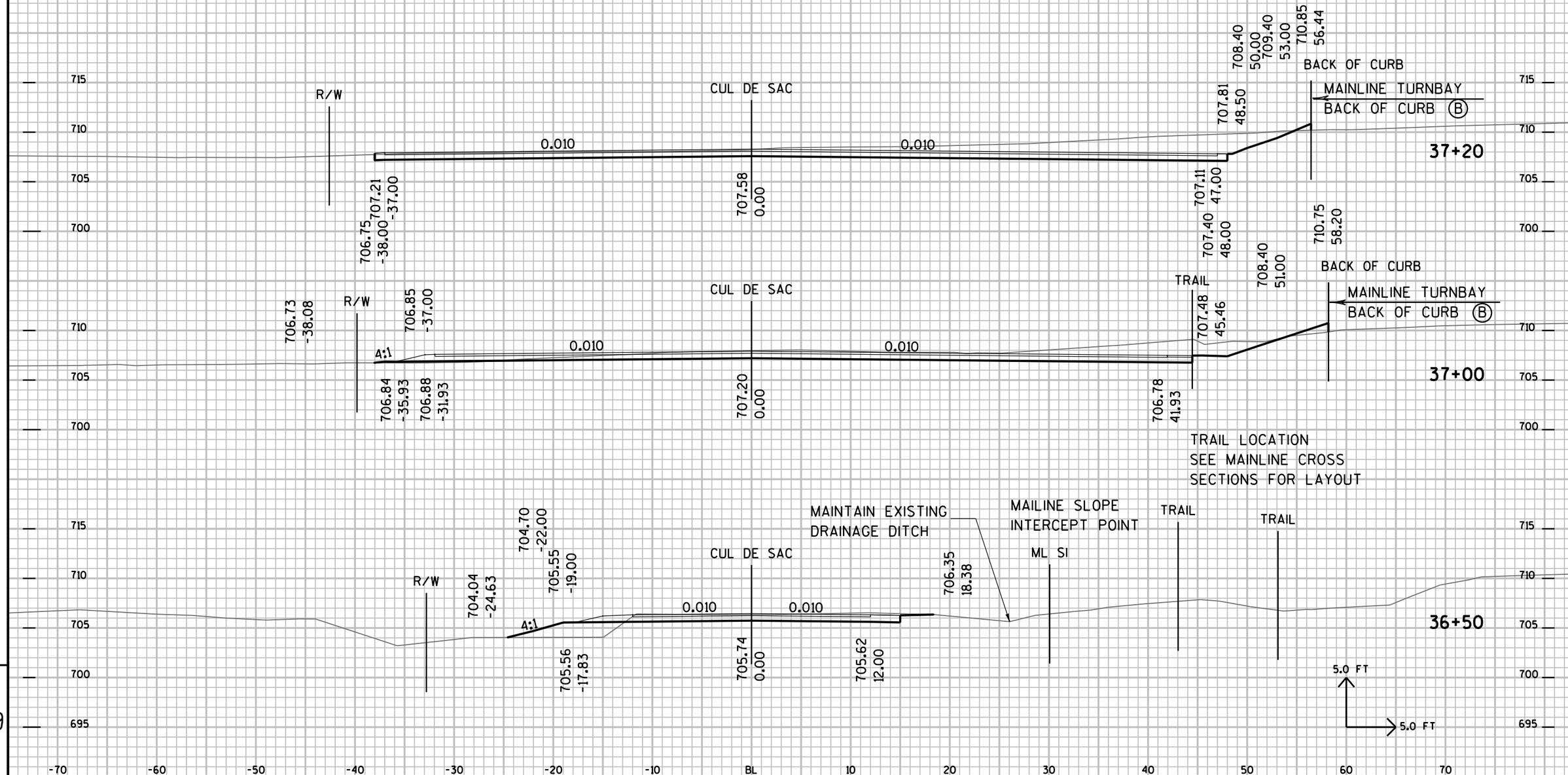
TRAIL LOCATION
SEE MAINLINE CROSS
SECTIONS FOR LAYOUT



PROJECT NO: 7190-06-71	HWY: STH35	COUNTY: LA CROSSE	CROSS SECTIONS: CUL-DE-SAC	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090218_xs.DGN PLOT DATE : 14-SEP-2015 12:35 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

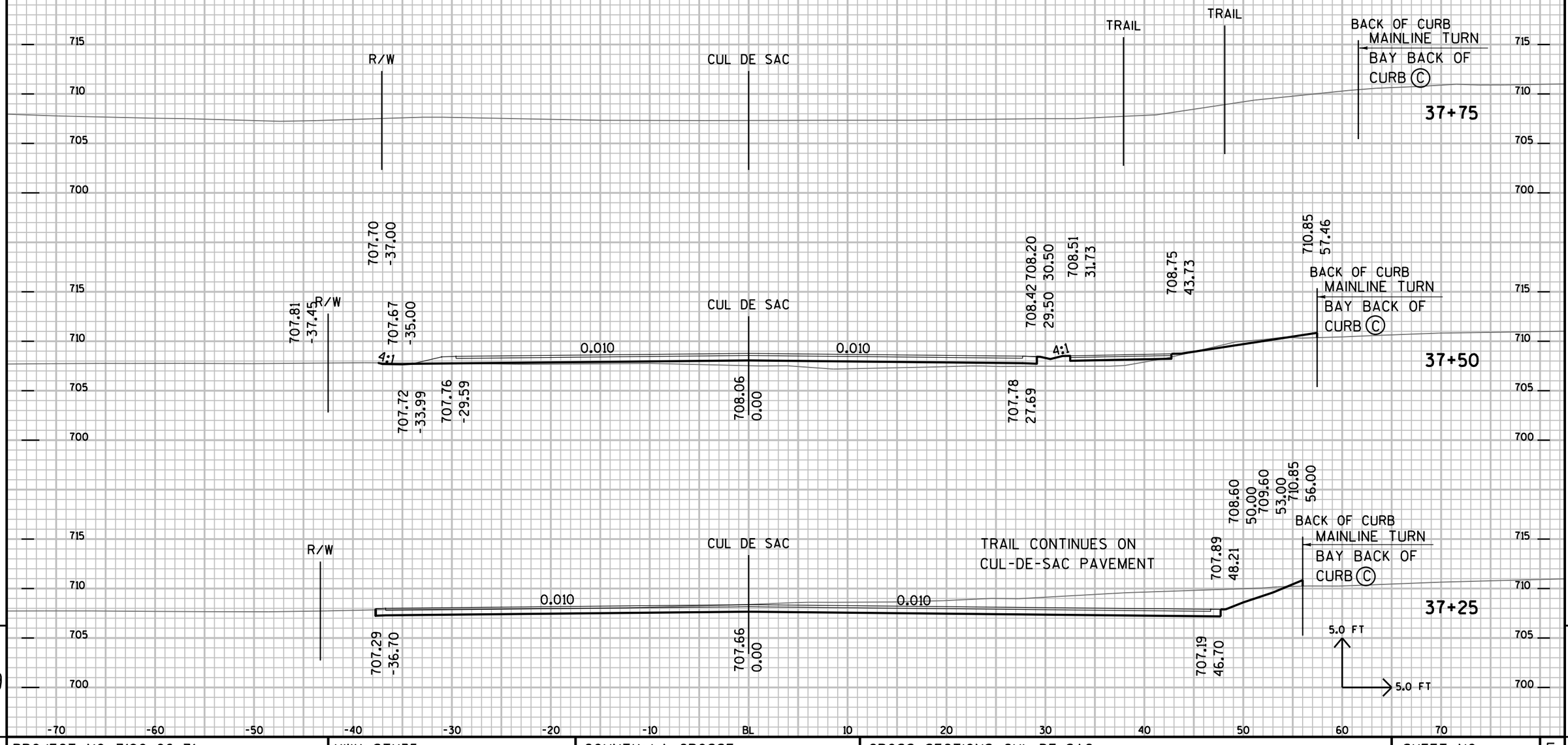
Ⓑ VERIFY ELEVATION AND SLOPE TO MATCH CURB. MAINTAIN DITCH AND TRAIL ELEVATIONS



PROJECT NO: 7190-06-71	HWY: STH35	COUNTY: LA CROSSE	CROSS SECTIONS: CUL-DE-SAC	SHEET NO:

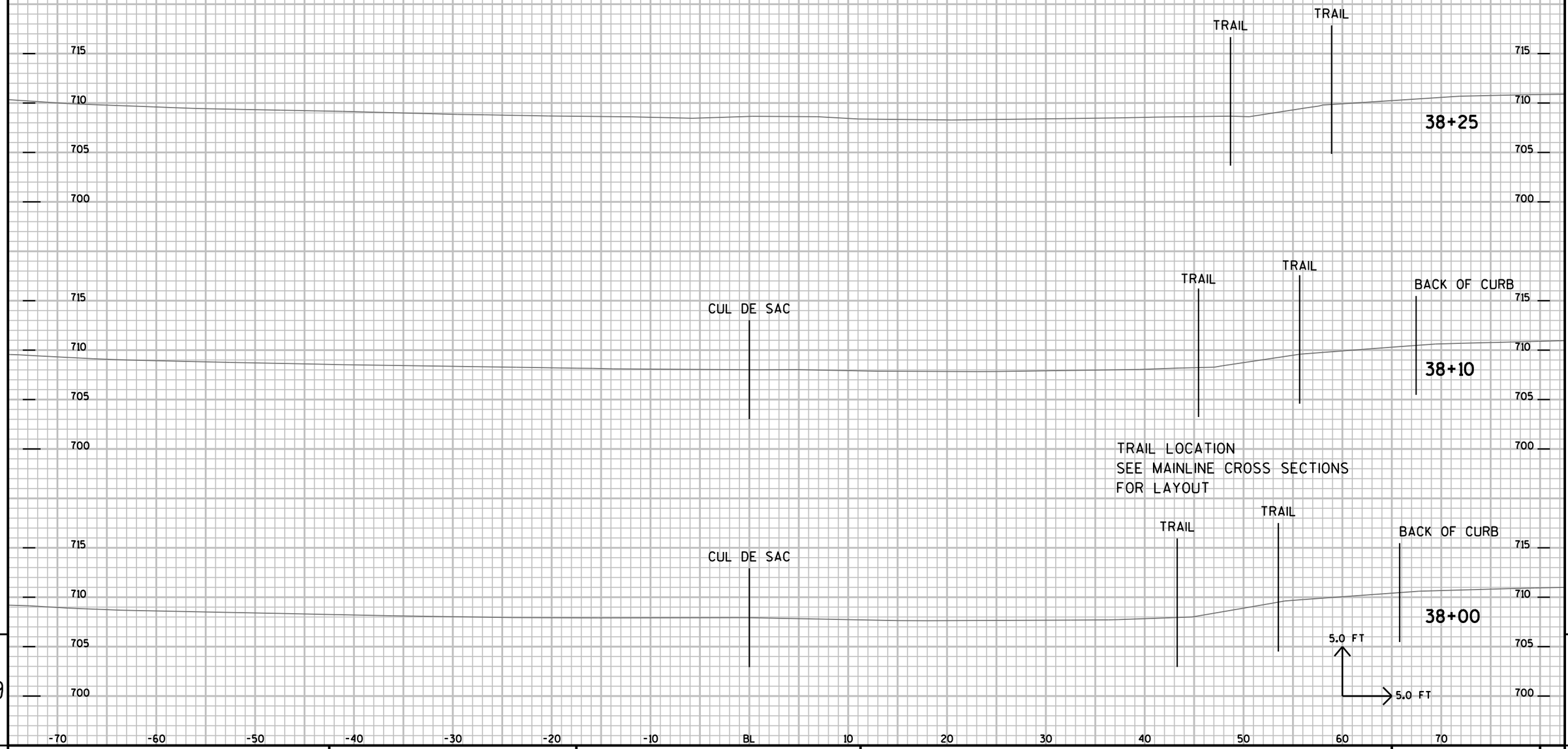
FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090218_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

Ⓒ ADJUST BACK OF SLOPE TO MATCH CURB. MAINTAIN DITCH ELEVATION



PROJECT NO: 7190-06-71	HWY: STH35	COUNTY: LA CROSSE	CROSS SECTIONS: CUL-DE-SAC	SHEET NO:	E

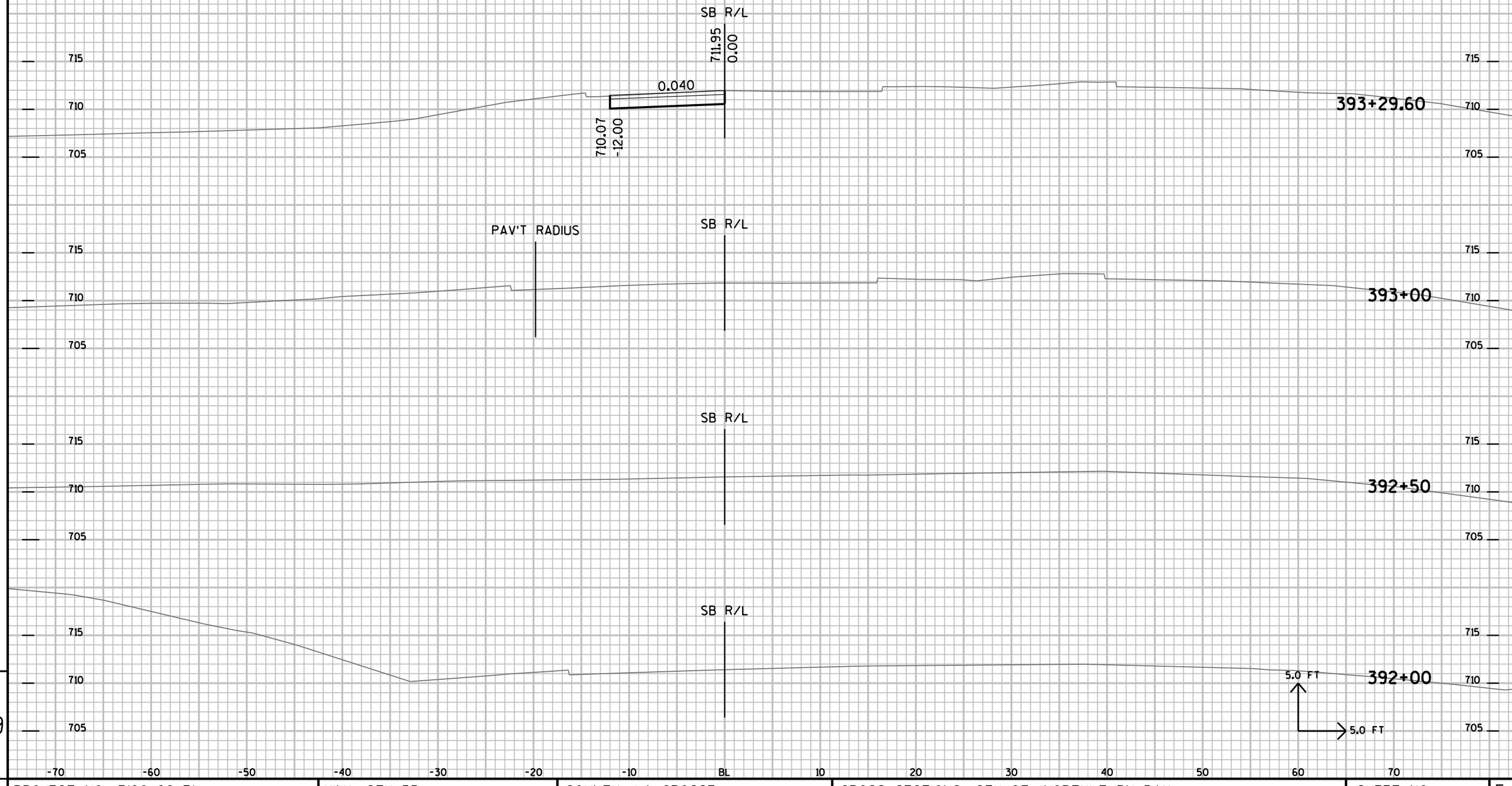
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PROJECT NO: 7190-06-71	HWY: STH35	COUNTY: LA CROSSE	CROSS SECTIONS: CUL-DE-SAC	SHEET NO:	E

9

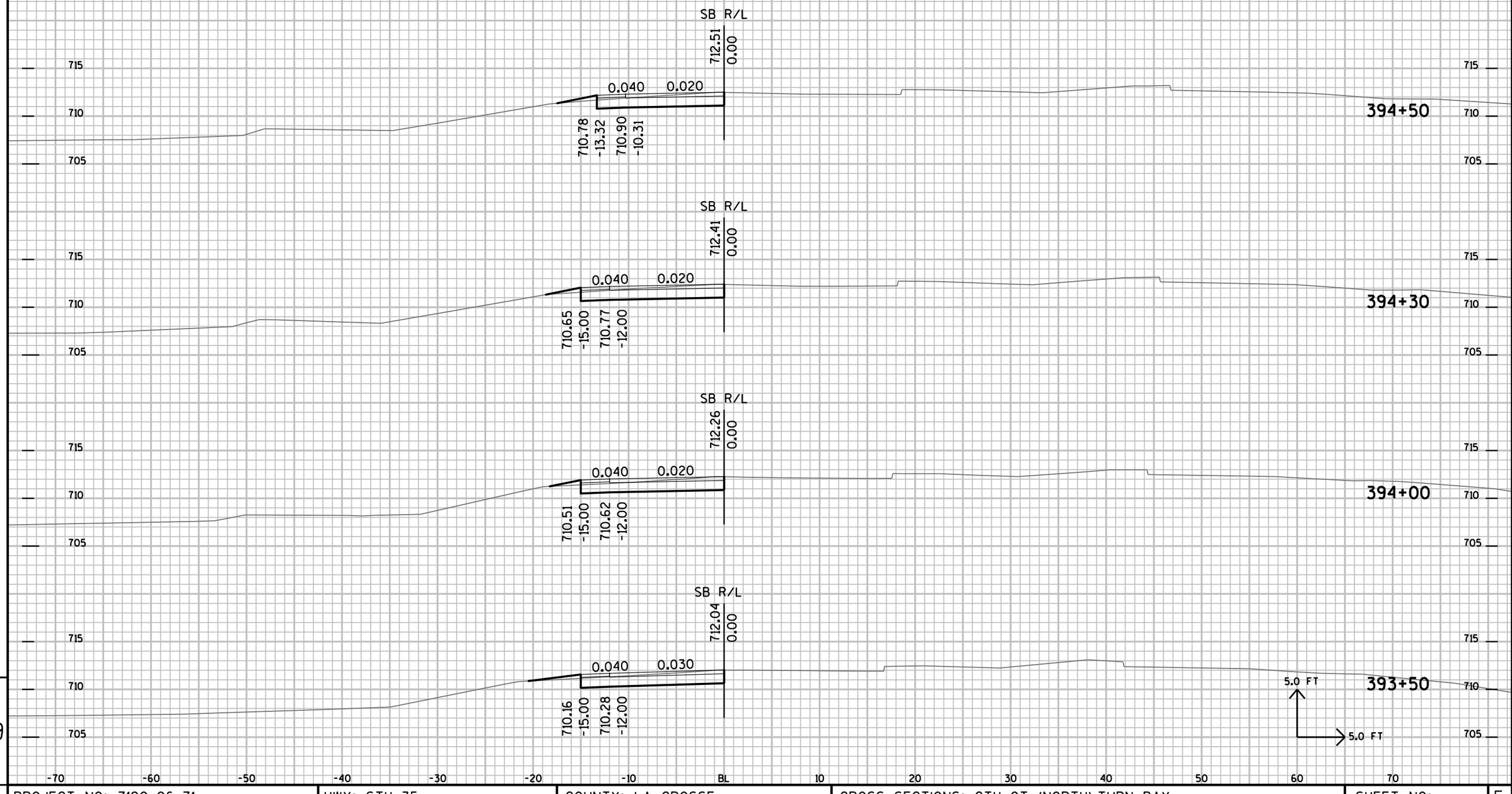


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9

PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH OT (NORTH) TURN BAY	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090219_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

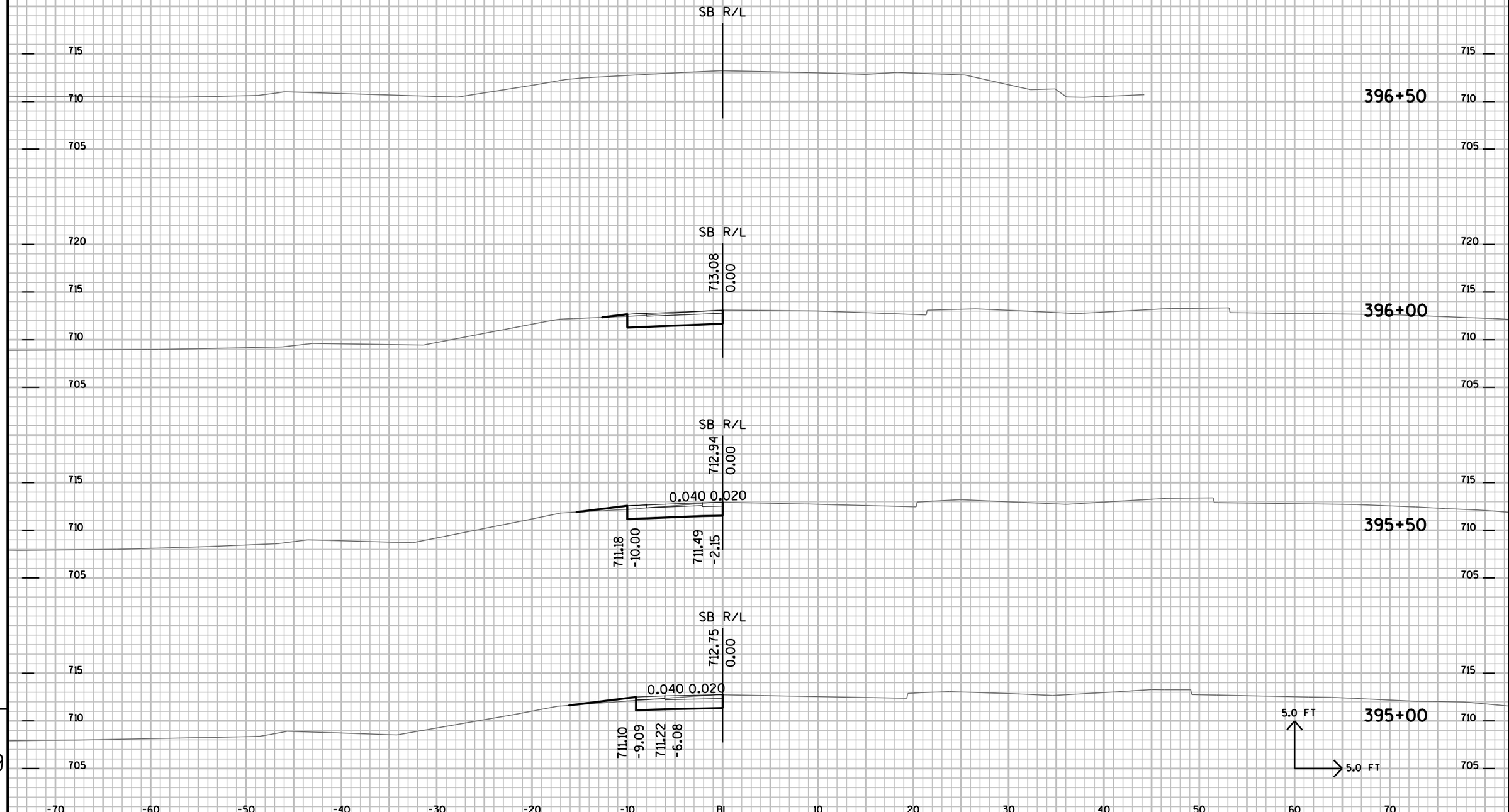


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PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH OT (NORTH) TURN BAY	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090219_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

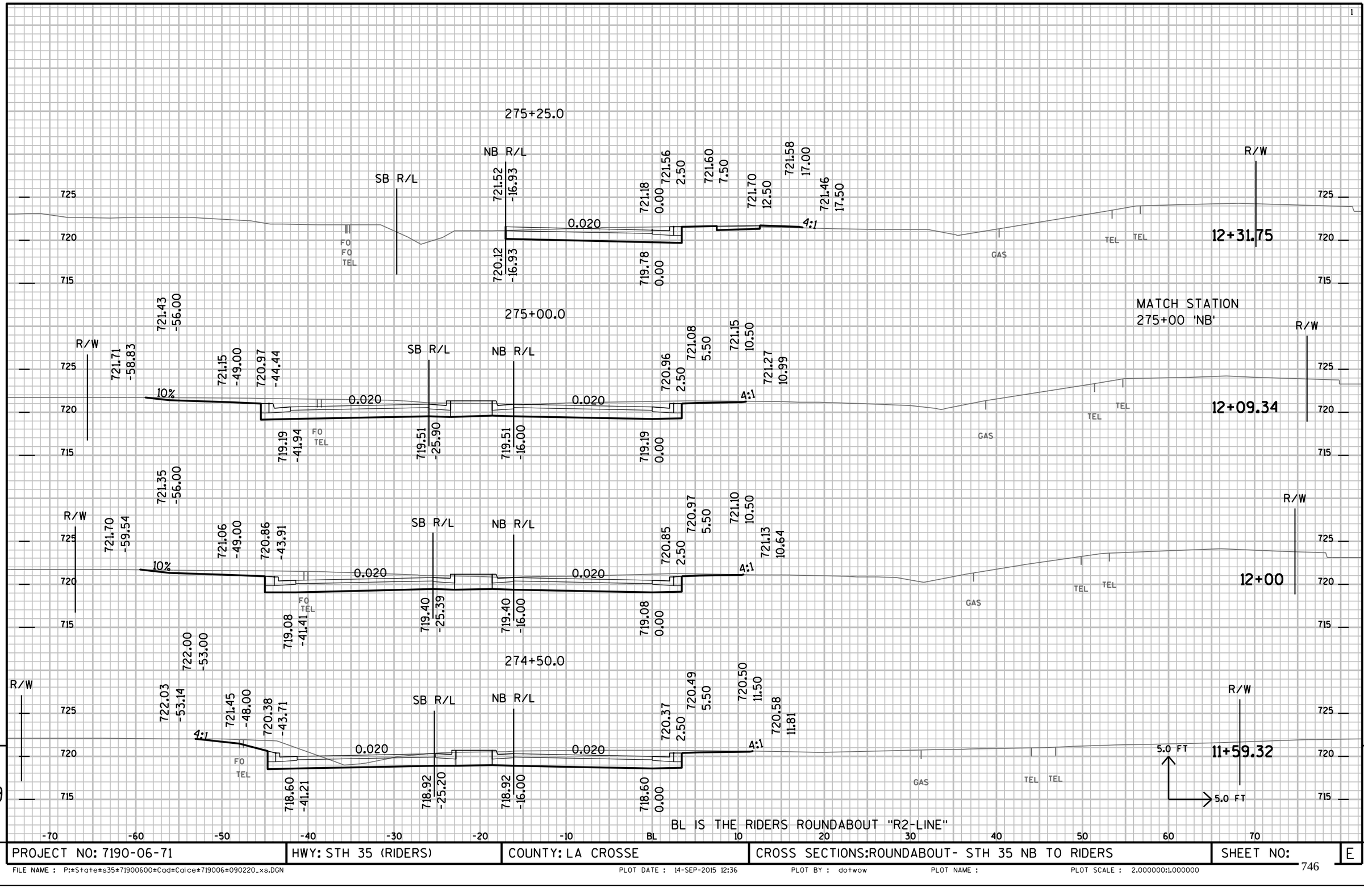


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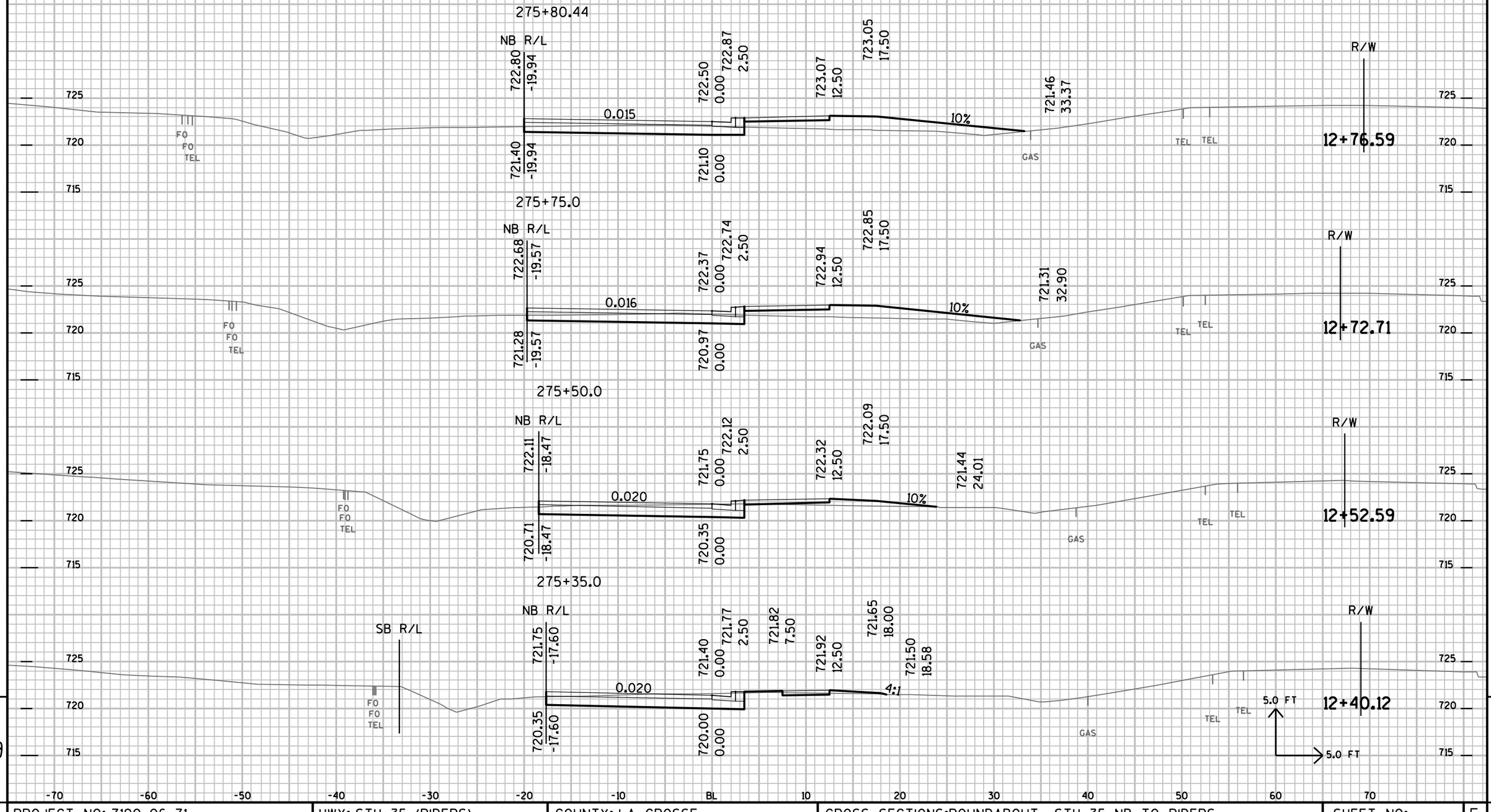
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: CTH OT (NORTH) TURN BAY	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090219_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

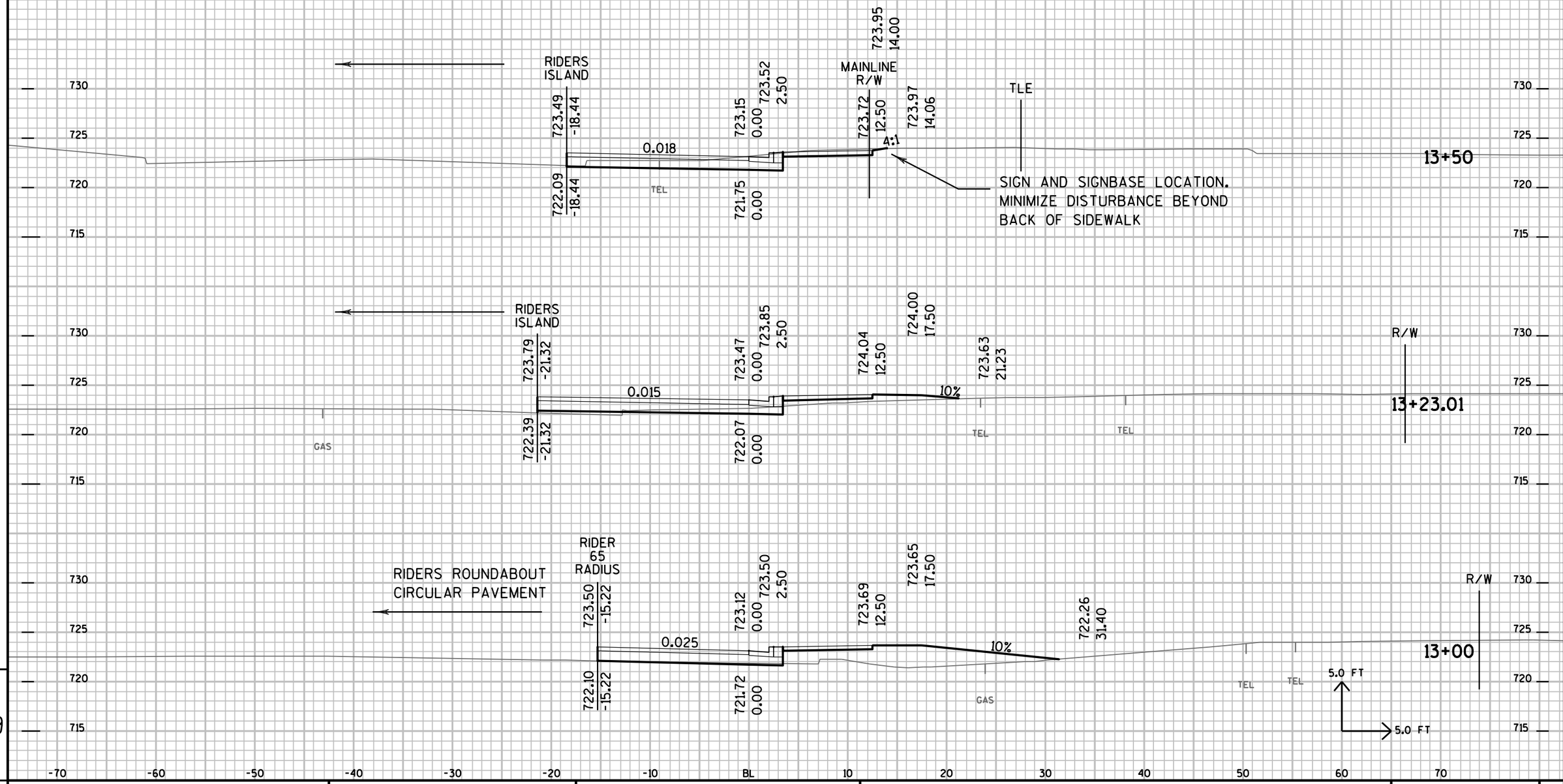


PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 NB TO RIDERS	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090220_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 NB TO RIDERS	SHEET NO:	E



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 NB TO RIDERS	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090220_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

RIDERS R/L AT
153+50.0 'RS' IS
OFFSET FROM ISLAND
EDGE AT 0.68'

RIDERS ISLAND
723.08 -17.04
721.68 -17.04
722.74 0.00
721.34 0.00
723.11 2.50
0.020
723.12 R/W 12.50
723.15 19.00
722.98 22.50
5%
TLE
1472 ENTRANCE
13+86.91

RIDERS ISLAND
723.21 -17.50
721.81 -17.50
722.86 0.00
721.46 0.00
723.23 2.50
0.020
723.24 R/W 12.50
723.25 19.00
722.93 25.38
5%
TLE
13+75

RIDERS ISLAND
723.35 -17.93
721.95 -17.93
722.99 0.00
721.59 0.00
723.37 2.50
0.020
723.56 R/W 12.50
723.90 15.00
724.06 15.63
4:1
TLE
13+62.63

730 725 720 715

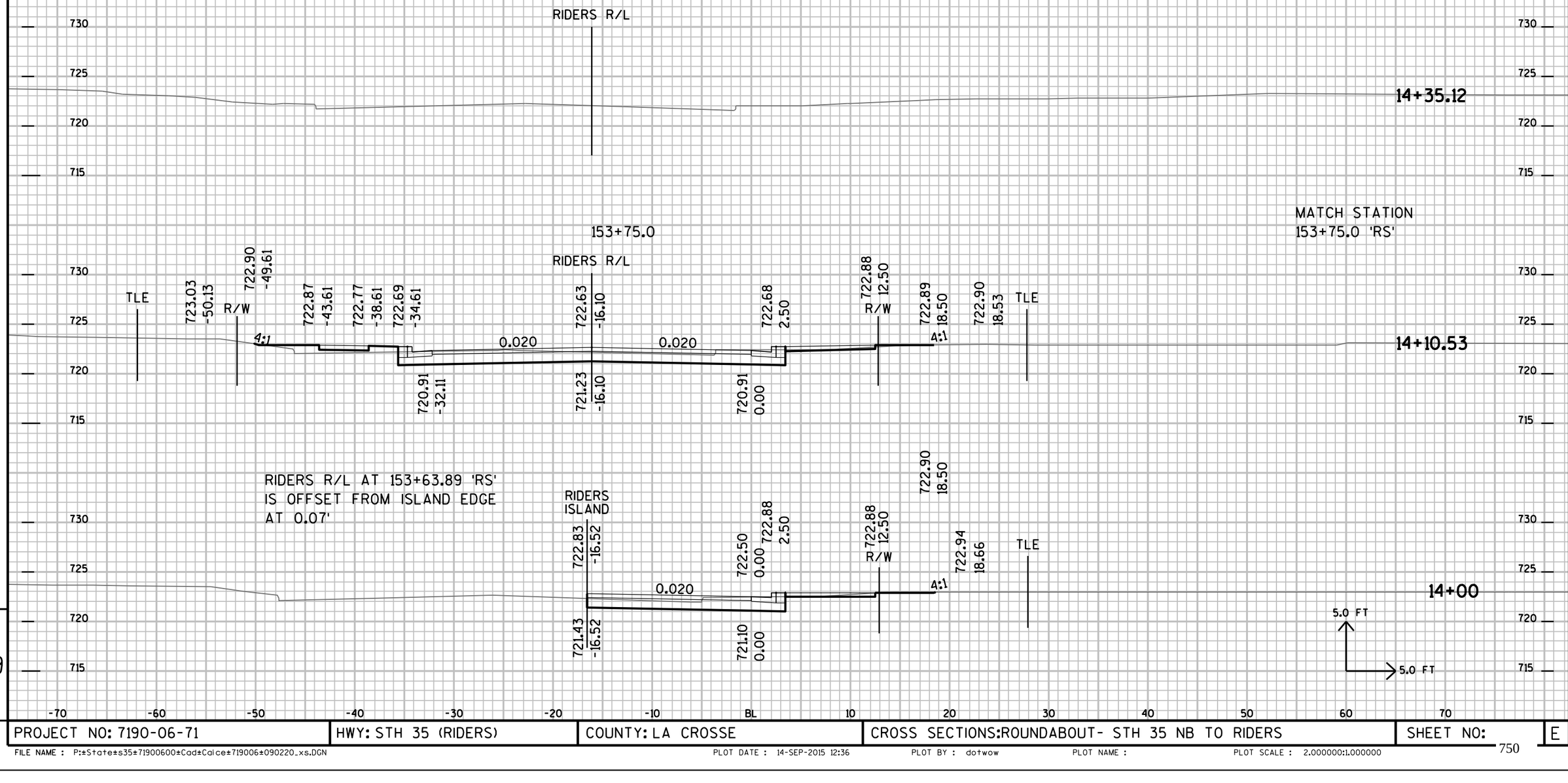
-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

5.0 FT
5.0 FT

9

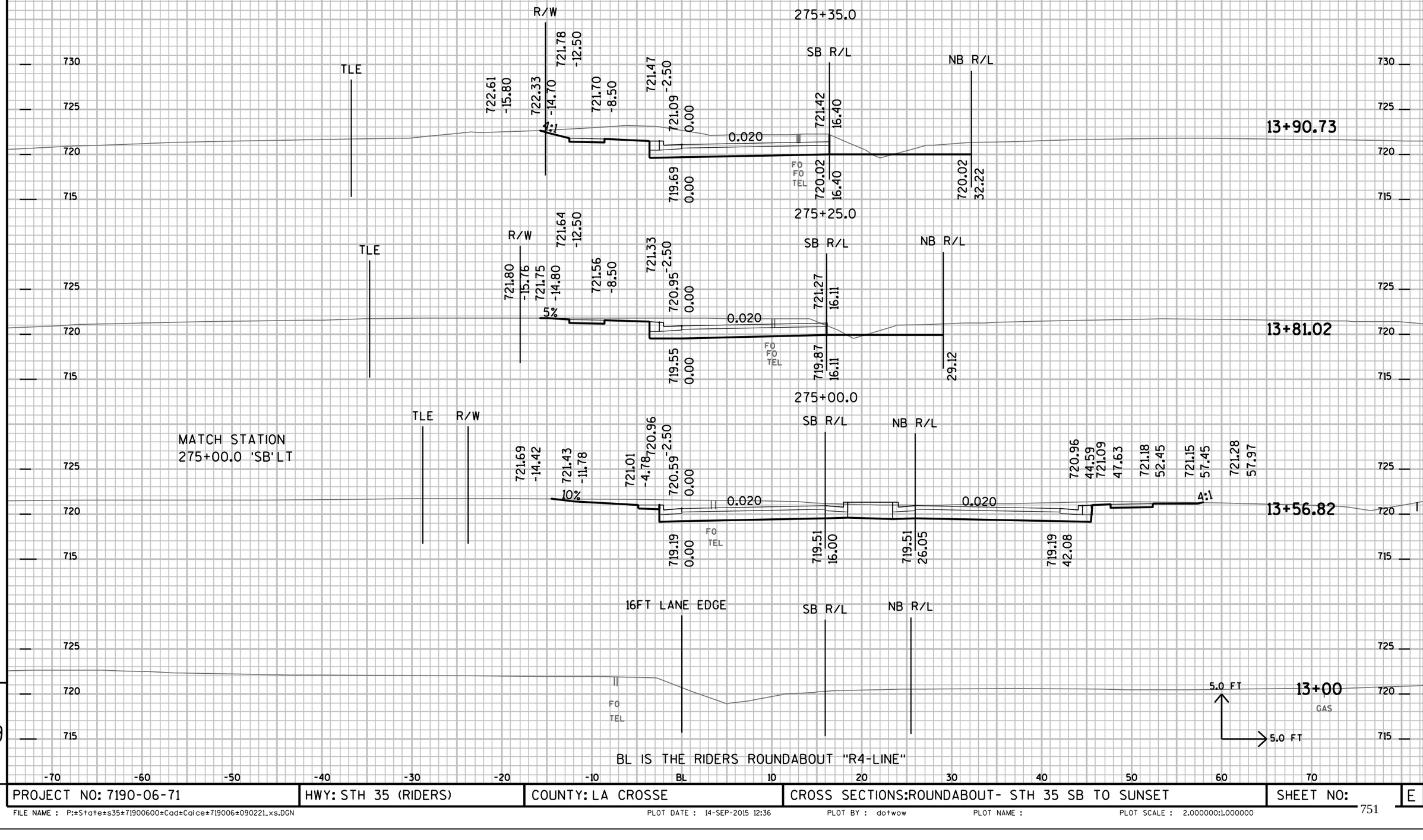
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 NB TO RIDERS	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090220_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



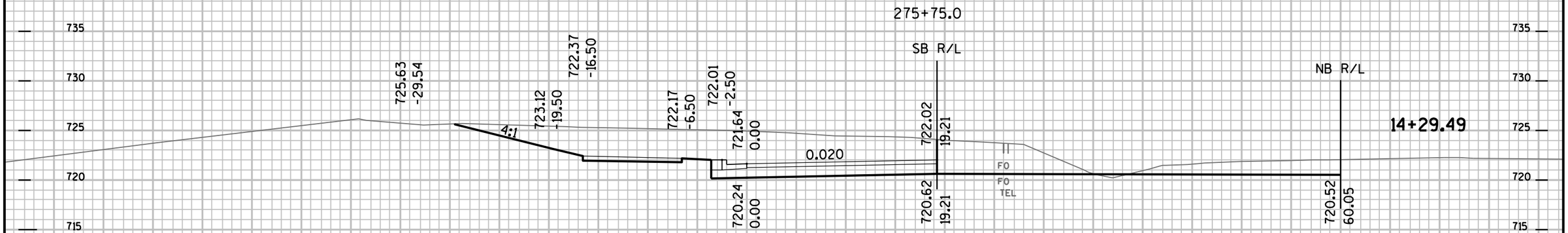
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 NB TO RIDERS	SHEET NO:	E

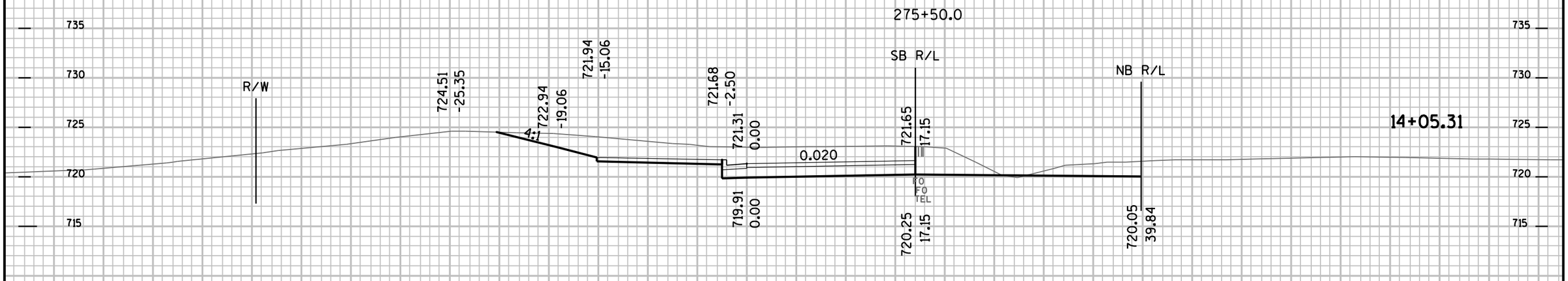
FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090220_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

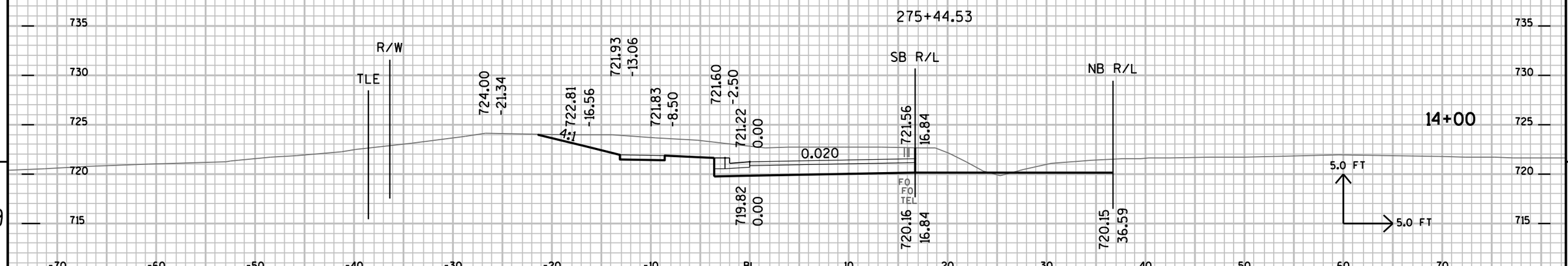


PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 SB TO SUNSET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090221_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



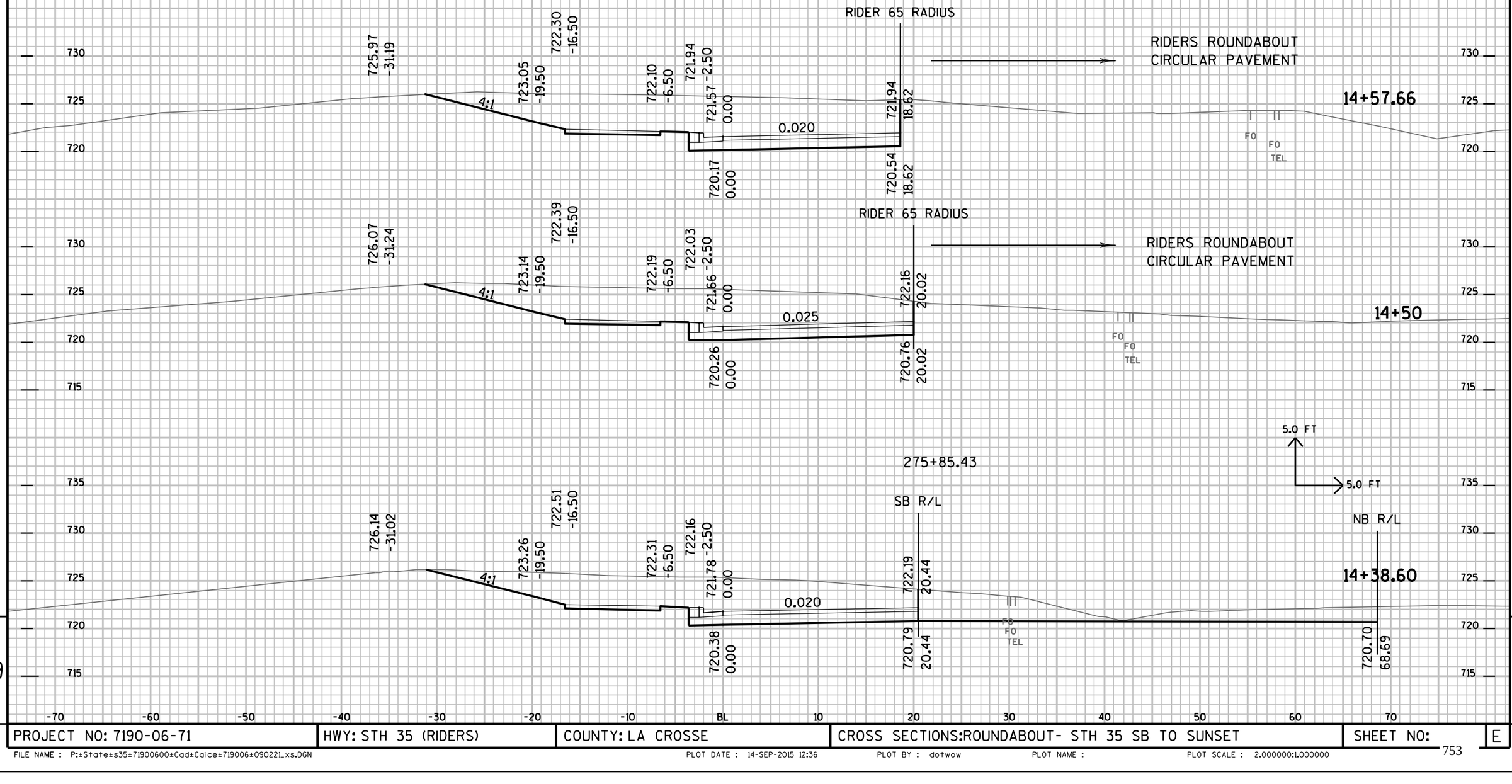




-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 SB TO SUNSET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090221_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 SB TO SUNSET	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090221_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

151+00.0

SUNSET R/L

R/W

730 725 720 715

724.56 -30.21

720.46 -14.50

721.13 -16.50

720.36 -9.49

720.08 -2.50

719.71 0.00

720.10 19.45

4:1

0.020

718.31 0.00

718.70 19.45

15+08.22

151+10.23

SUNSET R/L

725.00 -33.21

720.64 -16.44

721.31 -18.44

720.36 -2.50

719.99 0.00

720.38 19.57

718.59 0.00

718.98 19.57

15+00

725.40 -32.93

721.12 -16.50

721.79 -18.50

720.92 -6.50

720.76 -2.50

720.39 0.00

720.79 19.85

718.99 0.00

719.39 19.85

151+25.0 R/L

14+89.26

151+45.01

SUNSET R/L

725.66 -31.90

721.64 -16.50

722.31 -18.50

721.44 -6.50

721.29 -2.50

720.91 0.00

721.34 21.63

719.51 0.00

719.94 21.63

14+75.59

5.0 FT

5.0 FT

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

9

PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 SB TO SUNSET	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090221_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

SUNSET R/L

720
715
710
705
700

16+00

720
715
710
705
700

150+50.0

R/W
725
720
715
710

721.78
-22.97

718.70
-10.65

718.38
-2.50

718.00
0.00

4:1

0.020

FO
TEL

716.60
0.00

SUNSET R/L

718.35
17.31

0.020

716.95
17.31

716.88
20.56

0.020

EXIST SUNSET R/L

716.39
45.35

716.07
48.48

715.78
51.48

716.62
59.92

10%

MATCH STATION
150+50.0 'RS'

15+48.76

FO TV

725
720
715
710

150+75.0

SUNSET R/L

730
725
720
715

R/W

723.29
-26.12

719.59
-11.29

719.24
-2.50

718.86
0.00

4:1

0.020

FO
TEL

717.46
0.00

719.23
18.68

717.83
18.68

15+28.39

5.0 FT

5.0 FT

730
725
720
715

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

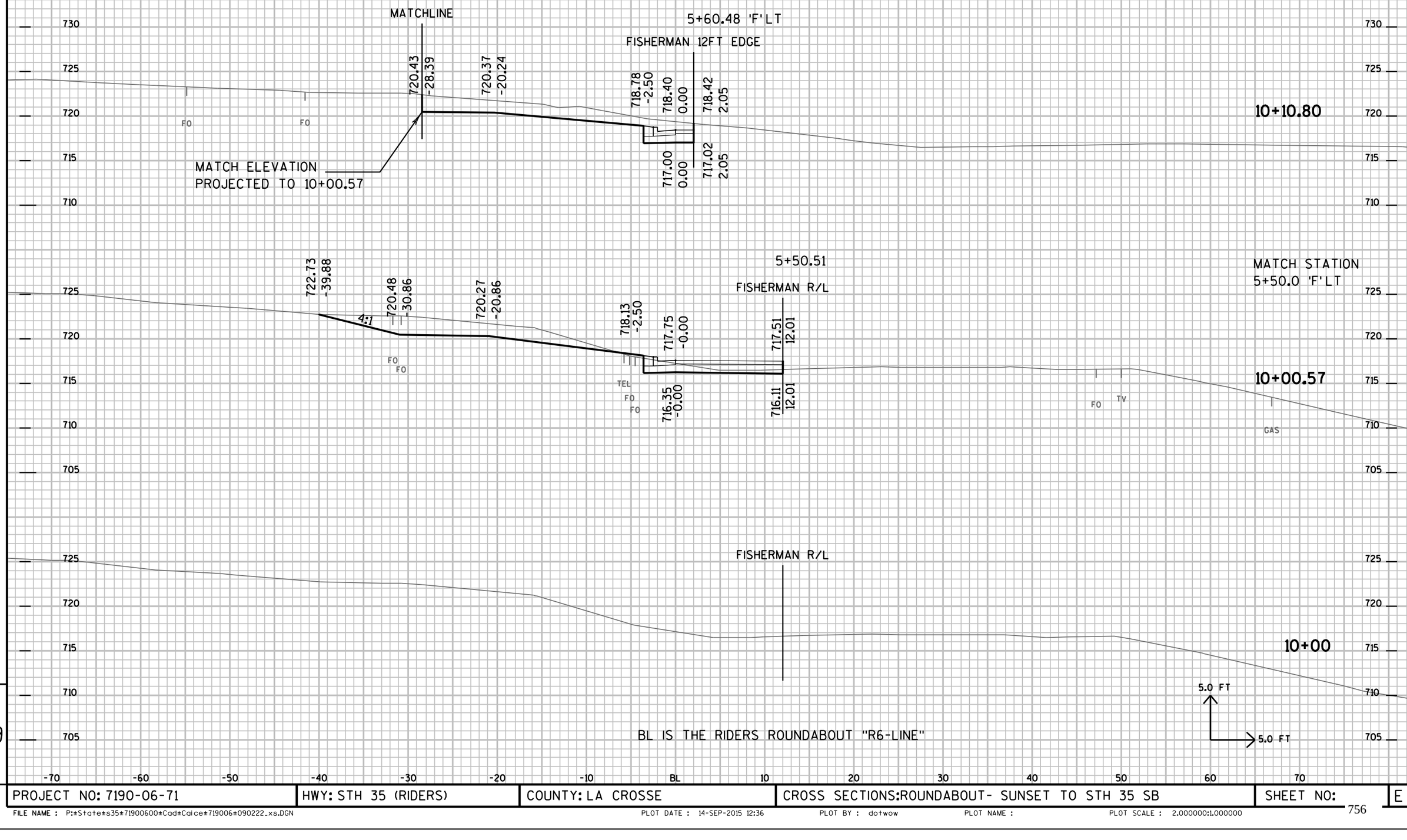
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PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- STH 35 SB TO SUNSET	SHEET NO:	E

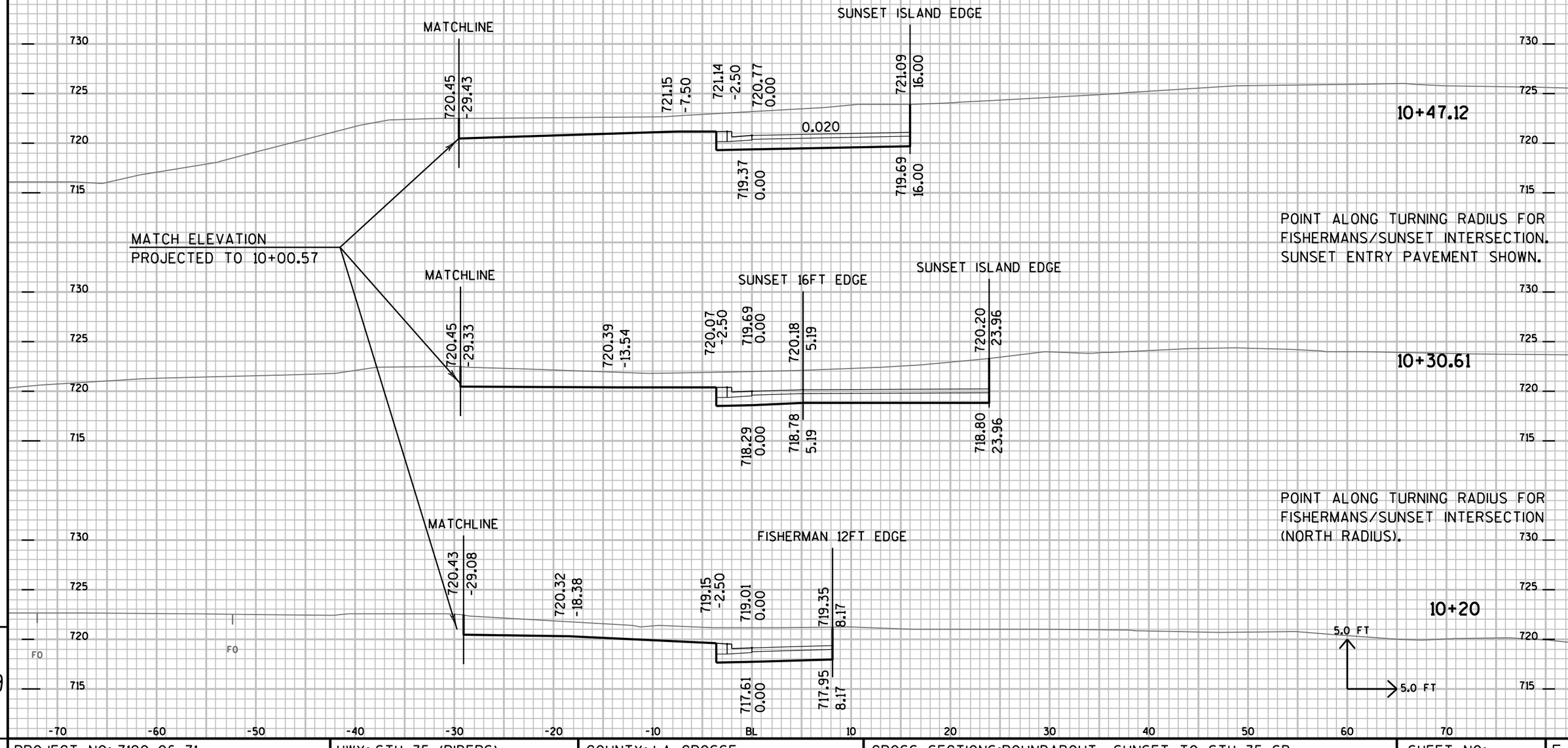
FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090221_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

POINT ALONG TURNING RADIUS FOR FISHERMANS/SUNSET INTERSECTION (NORTH RADIUS).



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- SUNSET TO STH 35 SB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090222_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

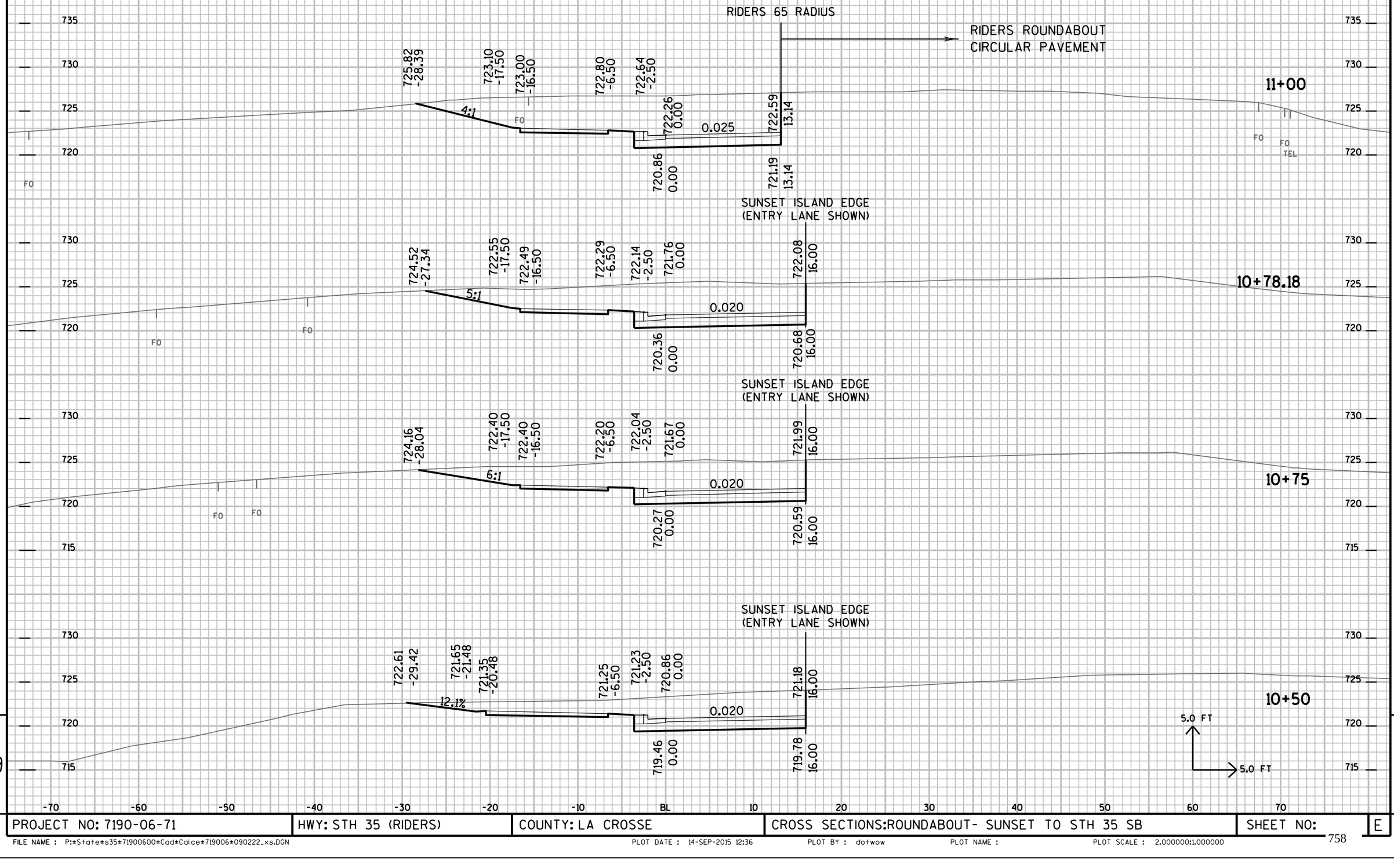


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9

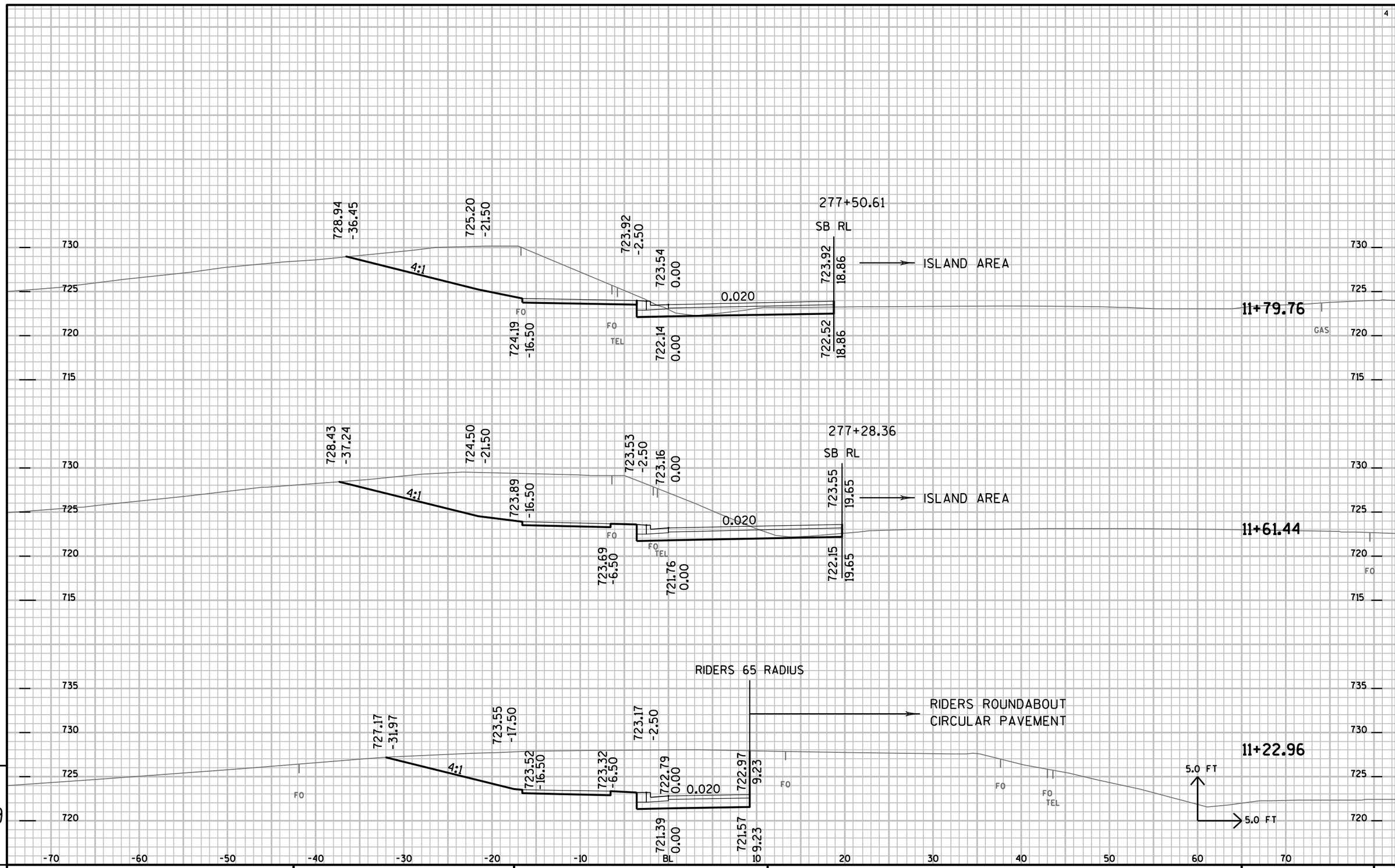
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- SUNSET TO STH 35 SB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090222_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



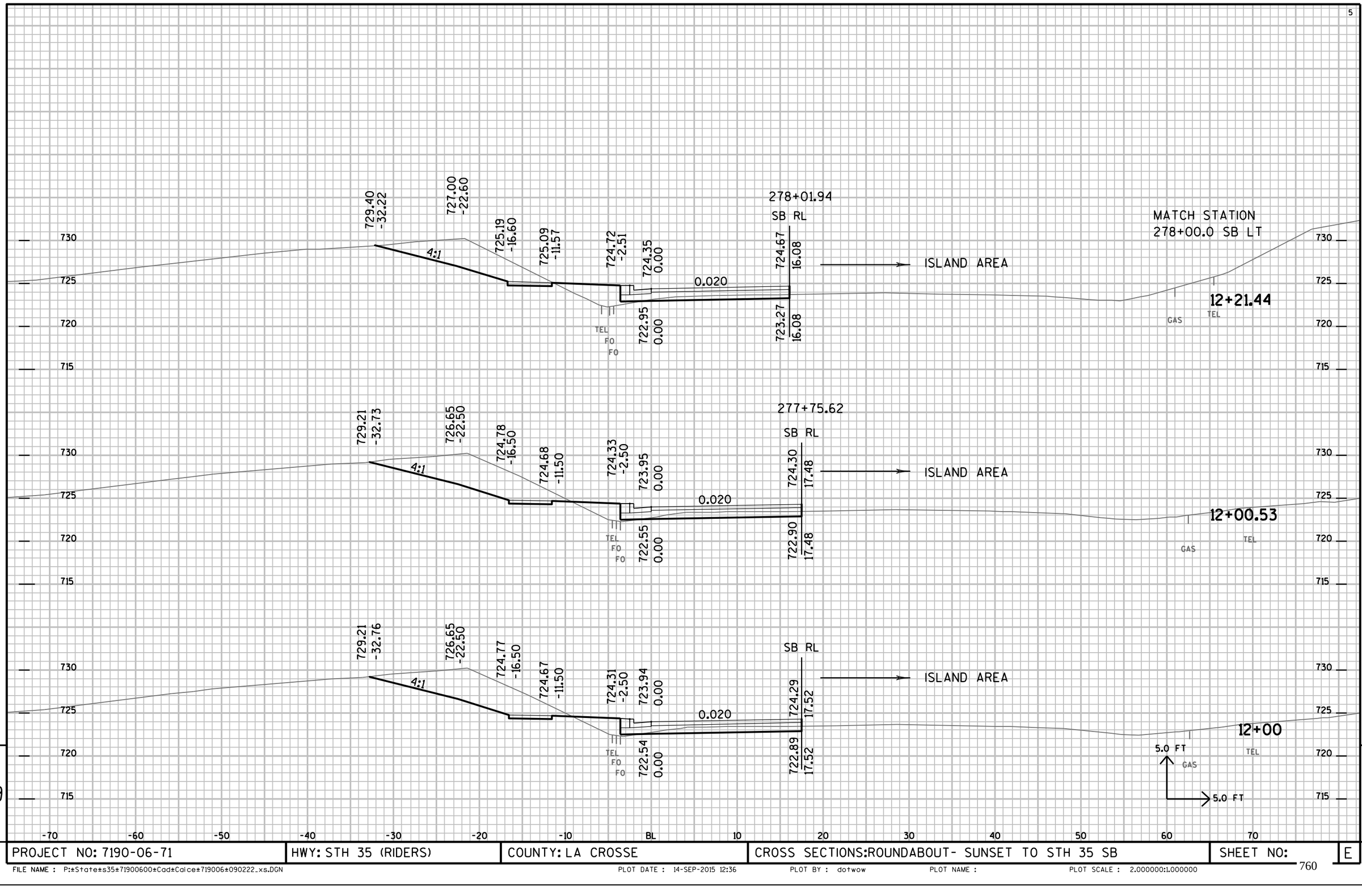
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- SUNSET TO STH 35 SB	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090222_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- SUNSET TO STH 35 SB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090222_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



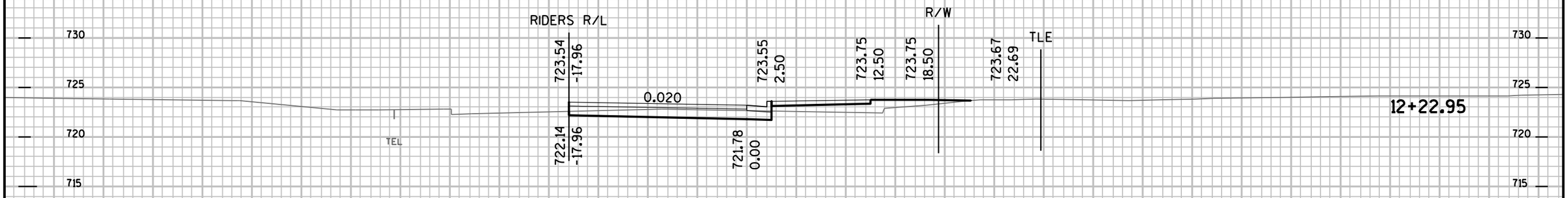
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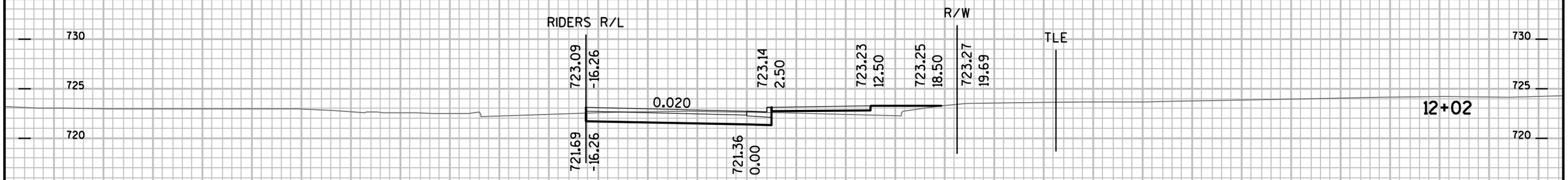
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- SUNSET TO STH 35 SB	SHEET NO:	E

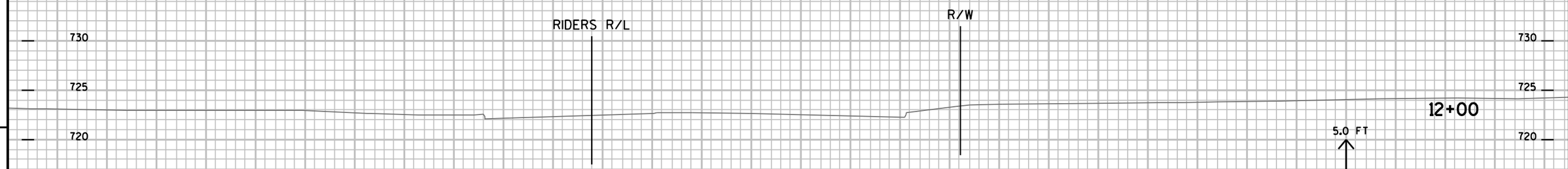
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153+25.0 RS



153+50.0 RS





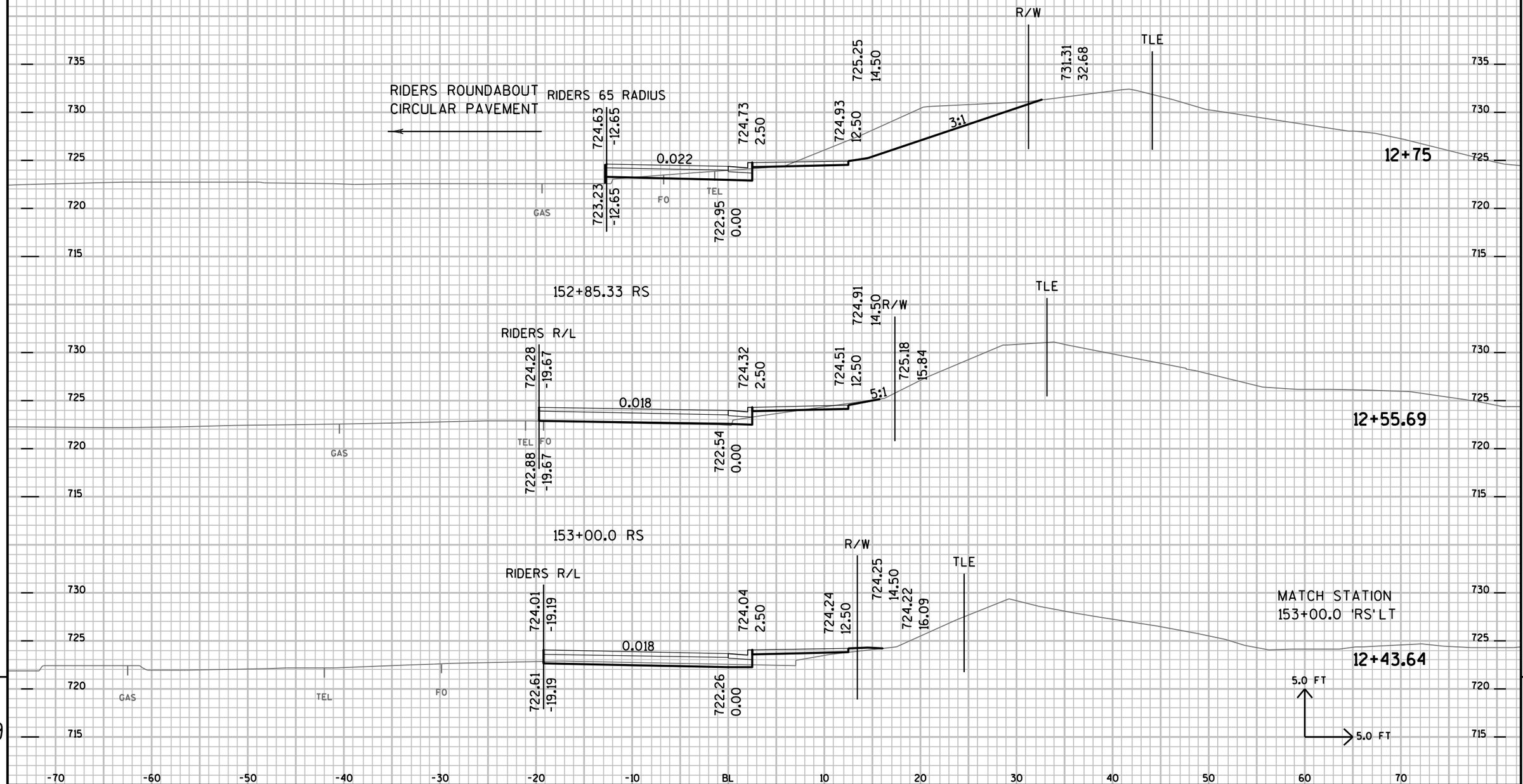
BL IS THE RIDERS ROUNDABOUT "R8-LINE"

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9 9

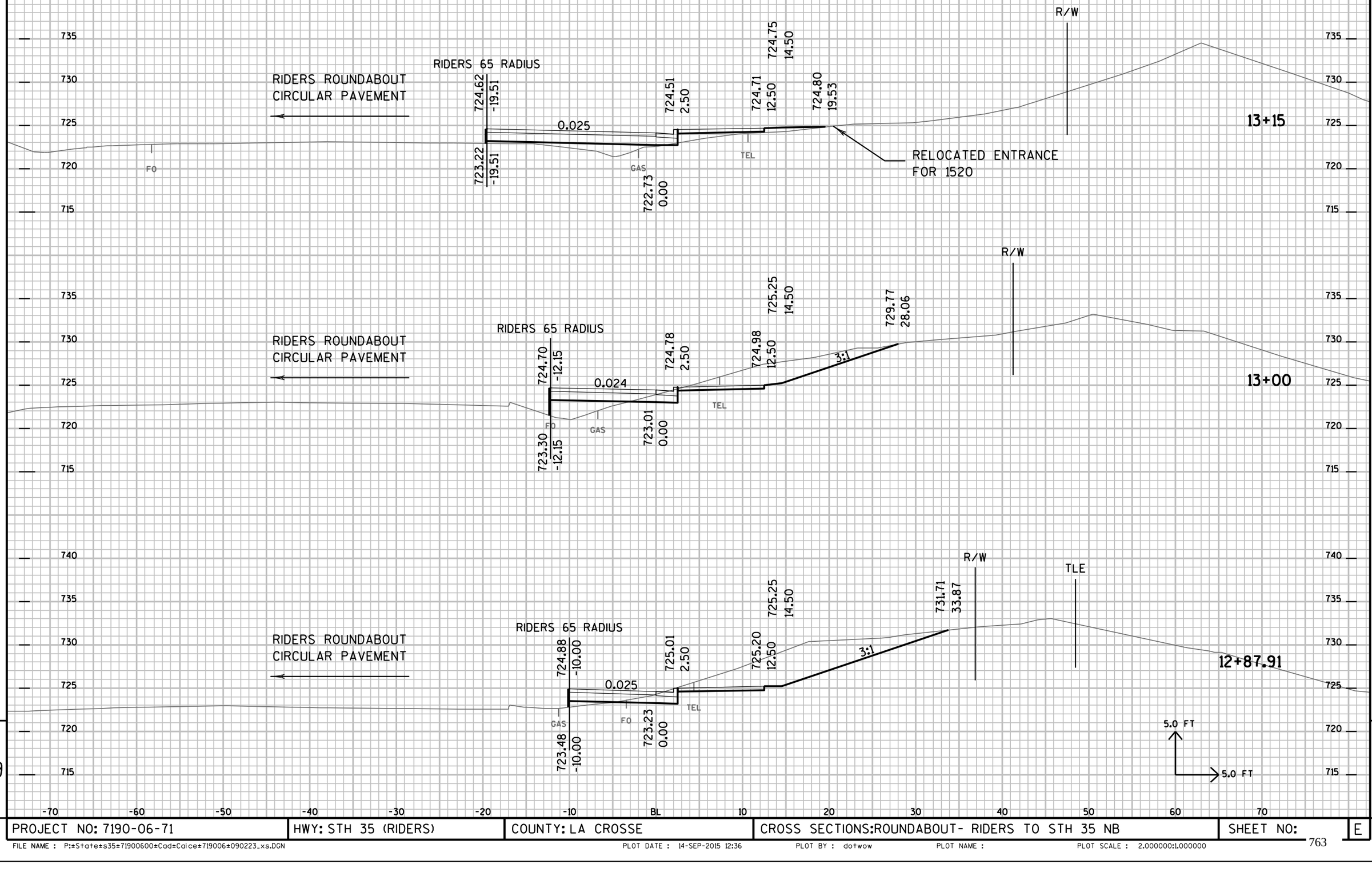
PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- RIDERS TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090223_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- RIDERS TO STH 35 NB	SHEET NO: E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090223_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

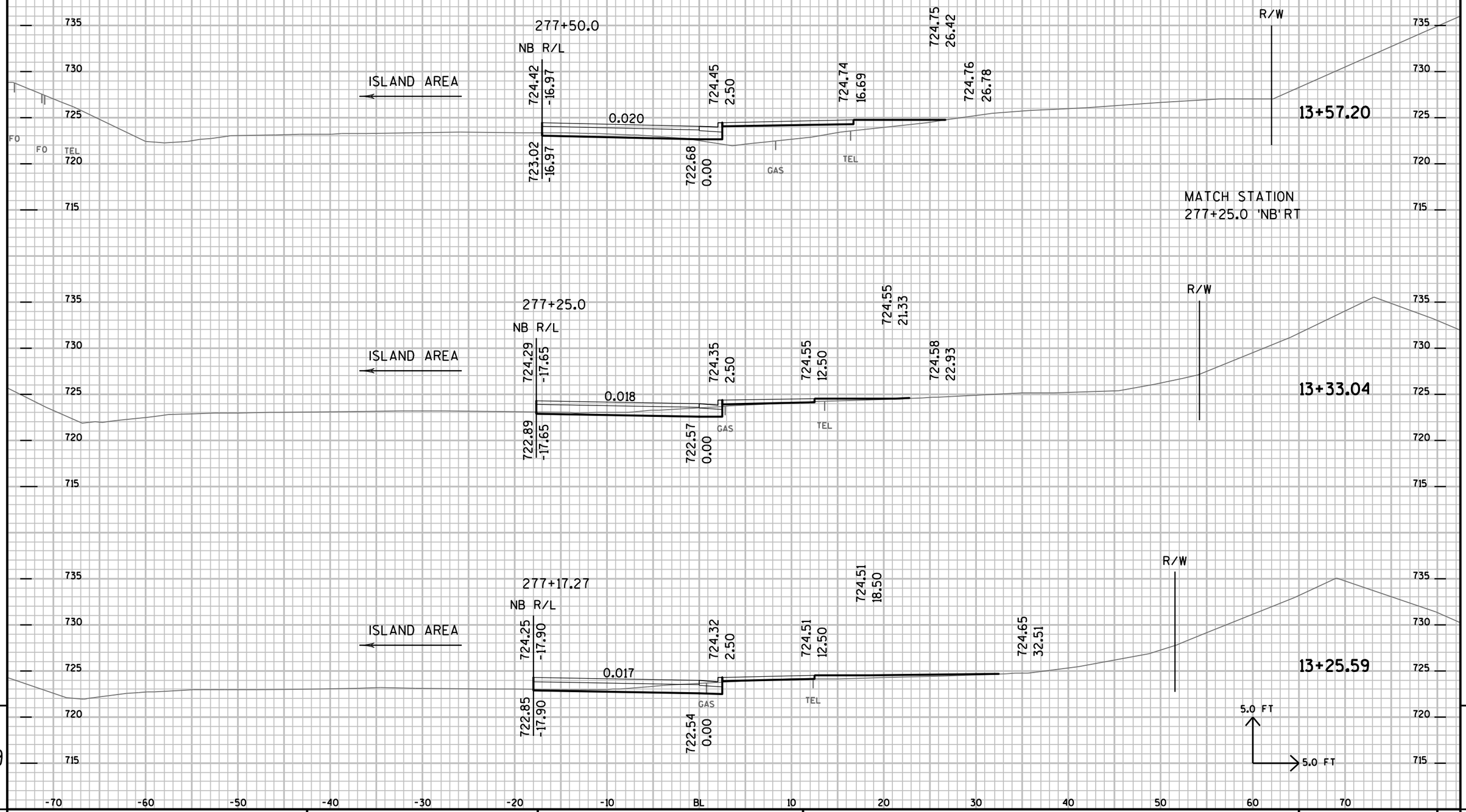


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PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- RIDERS TO STH 35 NB	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090223_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



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9

PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- RIDERS TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090223_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

278+00.0

NB R/L

ISLAND AREA

724.67 -16.10 723.27 -16.10

0.020

724.72 2.50 722.95 0.00

724.92 7.50

725.12 17.50

726.40 22.70

726.39 22.73

R/W

14+05.60

TEL FO FO

GAS

TEL

277+94.43

NB R/L

ISLAND AREA

724.64 -16.17 723.24 -16.17

0.020

724.69 2.50 722.92 0.00

724.89 7.50

725.09 17.50

725.15 18.70

725.18 18.78

R/W

14+00

TEL FO FO

GAS

TEL

277+75.0

NB R/L

ISLAND AREA

724.54 -16.45 723.14 -16.45

0.020

724.59 2.50 722.81 0.00

724.79 7.50

724.99 17.50

725.16 18.50

727.31 24.94

3:1

R/W

13+81.39

FO FO TEL

GAS

TEL

5.0 FT

5.0 FT

735 730 725 720 715

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

9

PROJECT NO: 7190-06-71	HWY: STH 35 (RIDERS)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT- RIDERS TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090223_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MASON 67 RADIUS

MASON ROUNDABOUT
CIRCULAR PAVEMENT

720.59 -23.06 | 719.19 -23.06 | 0.023 | 720.06 0.00 | 720.43 2.50 | 720.59 6.50 | 720.79 16.50 | 720.75 21.51 | 720.75 21.50 | 718.66 0.00 | 10%

R/W

11+00

286+55.91
NB R/L

MEDIAN ISLAND

720.40 -19.70 | 719.00 -19.70 | 0.020 | 720.01 0.00 | 720.39 2.50 | 720.55 6.50 | 720.75 16.50 | 720.75 22.50 | 720.41 29.34 | 718.61 0.00 | 5%

R/W

10+93.75

286+25.0
NB R/L

MEDIAN ISLAND

720.45 -19.53 | 719.05 -19.53 | 0.020 | 720.06 0.00 | 720.43 2.50 | 720.59 6.50 | 720.79 16.50 | 720.55 21.50 | 720.25 24.47 | 718.66 0.00 | 10%

R/W

MATCH STATION
286+25.0 NB

10+88.93

NB R/L

10+68.32

5.0 FT
5.0 FT

10+47.48

BL IS THE MASON ROUNDABOUT "M2 LINE"

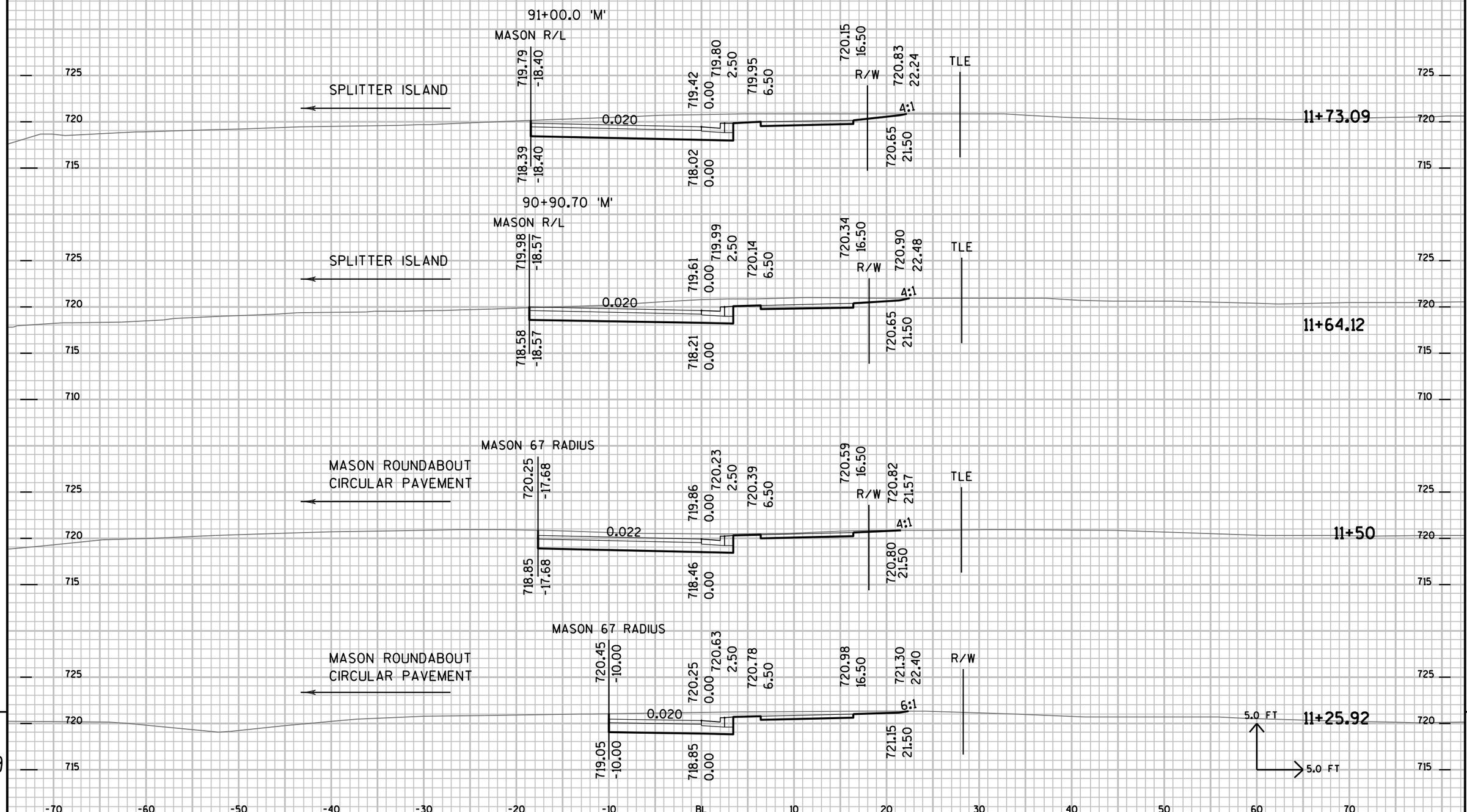
725 720 715

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 NB TO MASON	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090224_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 NB TO MASON	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090224_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

720
715
710

12+21.35

720
715
710

MASON R/L

725
720
715
710

12+00

725
720
715
710

91+25.0 'M'

MASON R/L

SPLITTER ISLAND

719.29
-17.90

718.93
0.00

719.31
2.50

719.46
6.50

719.66
16.50

R/W

720.32
23.19

TLE

0.020

10%

720.15
21.50

717.89
-17.90

717.53
0.00

MATCH STATION
91+25.0 'M'

5.0 FT

11+97.21

5.0 FT

725
720
715

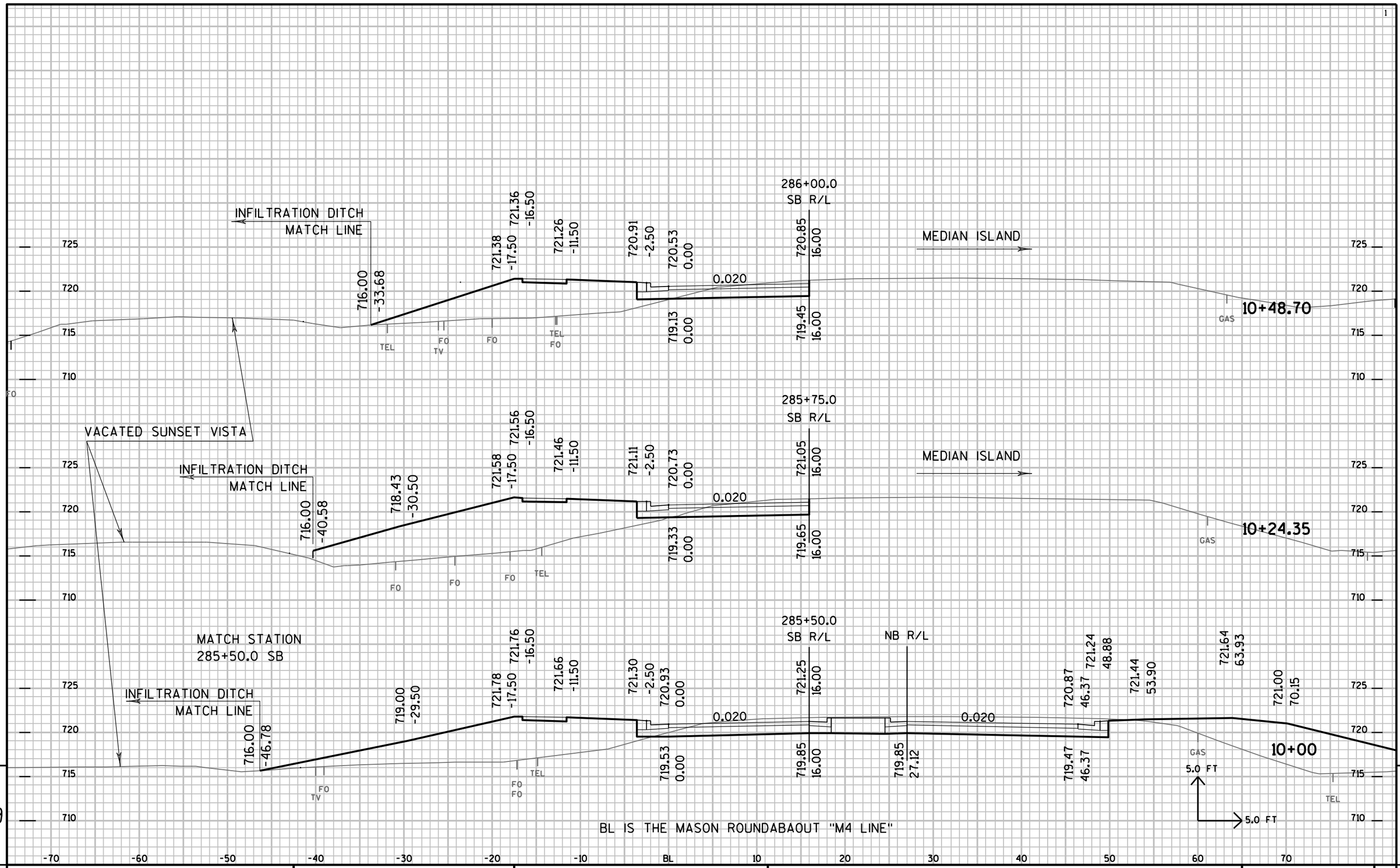
-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 NB TO MASON	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090224_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

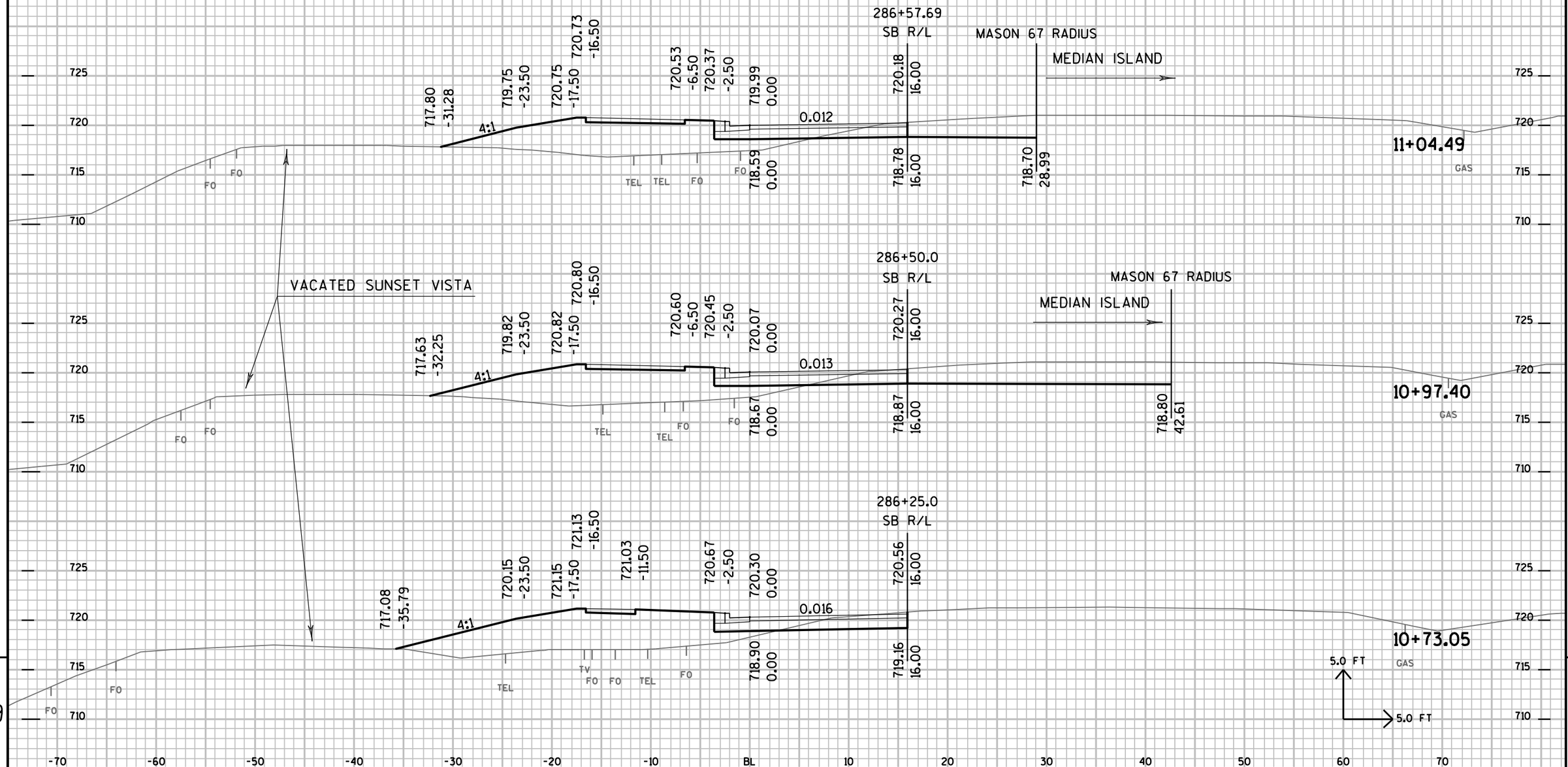


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9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MASON ROUNDABOUT
CIRCULAR PAVEMENT

MASON 67 RADIUS

719.36 -23.50 | 720.36 -17.50 | 720.34 -16.50 | 720.14 -6.50 | 719.98 -2.50 | 719.79 8.00
719.61 0.00 | 718.21 0.00 | 718.39 8.00
0.022

708.29 -56.72
3:1
R/W

11+77.10

MASON ROUNDABOUT
CIRCULAR PAVEMENT

MASON 67 RADIUS

719.24 -24.55 | 719.50 -23.50 | 720.50 -17.50 | 720.48 -16.50 | 720.28 -6.50 | 720.13 -2.50 | 719.96 8.29
719.75 0.00 | 718.35 0.00 | 718.56 8.29
4:1
0.025

11+53.25

VACATED SUNSET VISTA

286+69.05
SB R/L

MASON 67 RADIUS

718.31 -28.90 | 719.66 -23.50 | 720.66 -17.50 | 720.64 -16.50 | 720.44 -6.50 | 720.29 -2.50 | 719.91 0.00 | 720.07 16.00
718.51 0.00 | 718.67 16.00 | 718.60 26.96
4:1
0.010

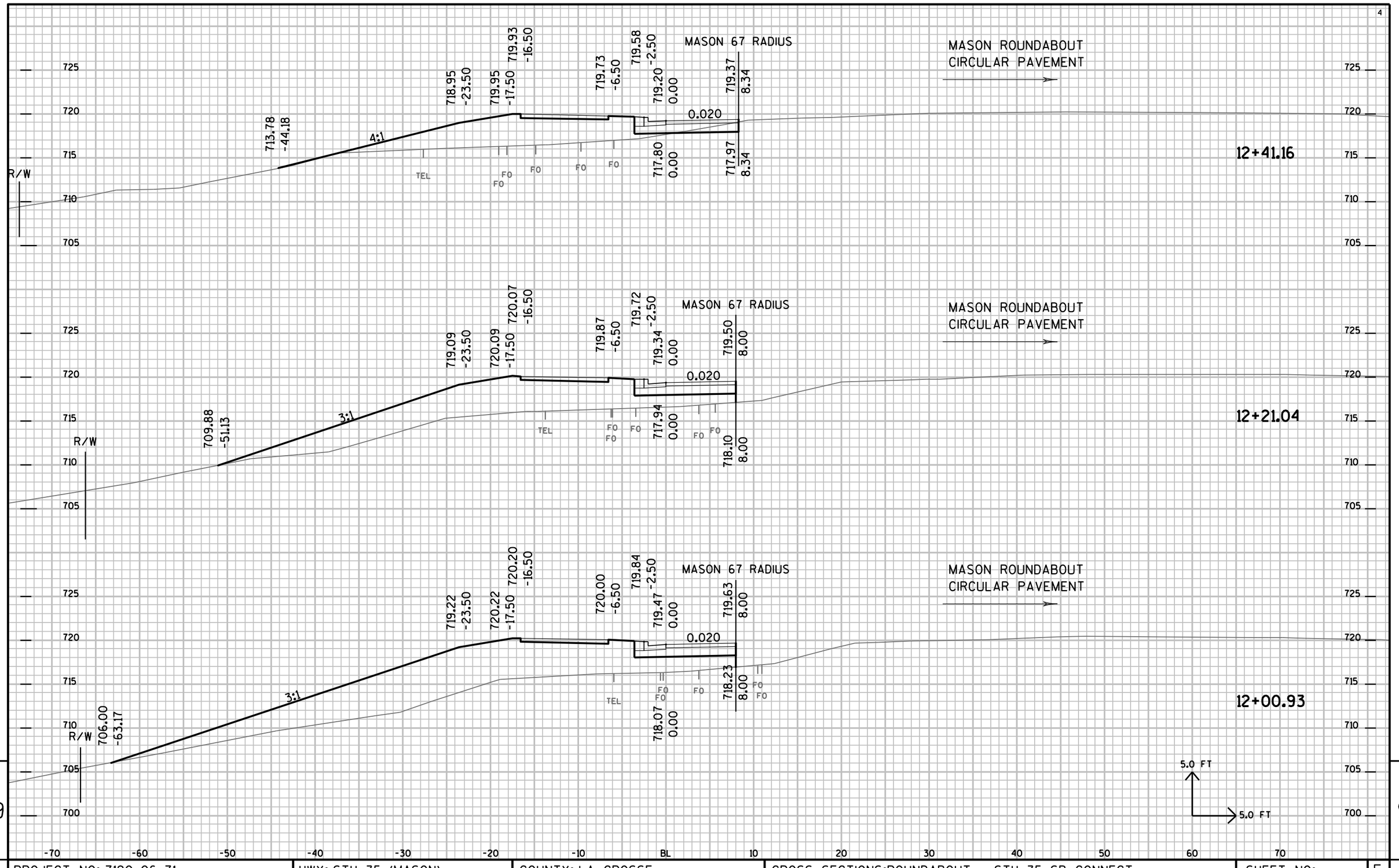
11+15.96

5.0 FT
5.0 FT

-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

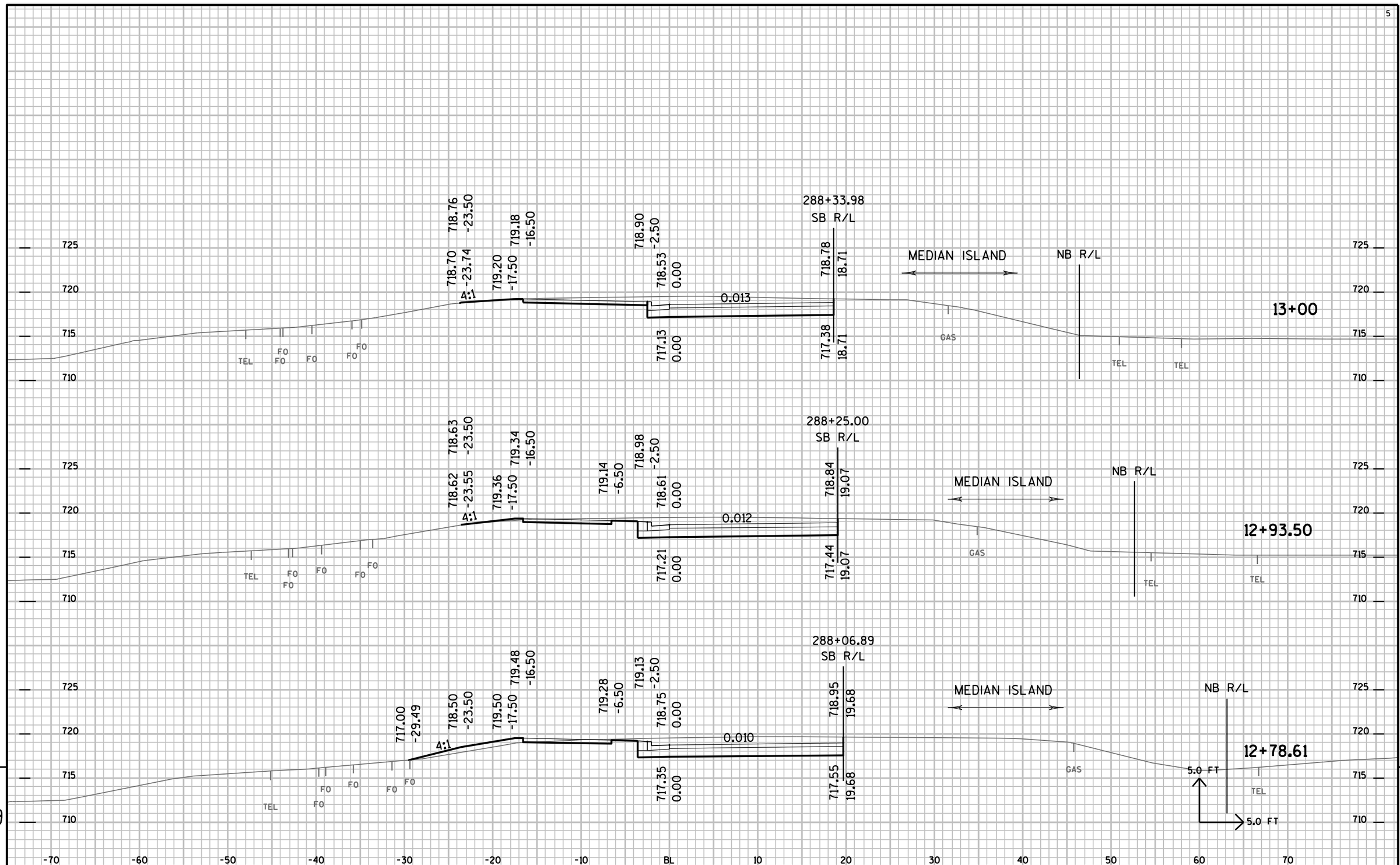
PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Caice±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

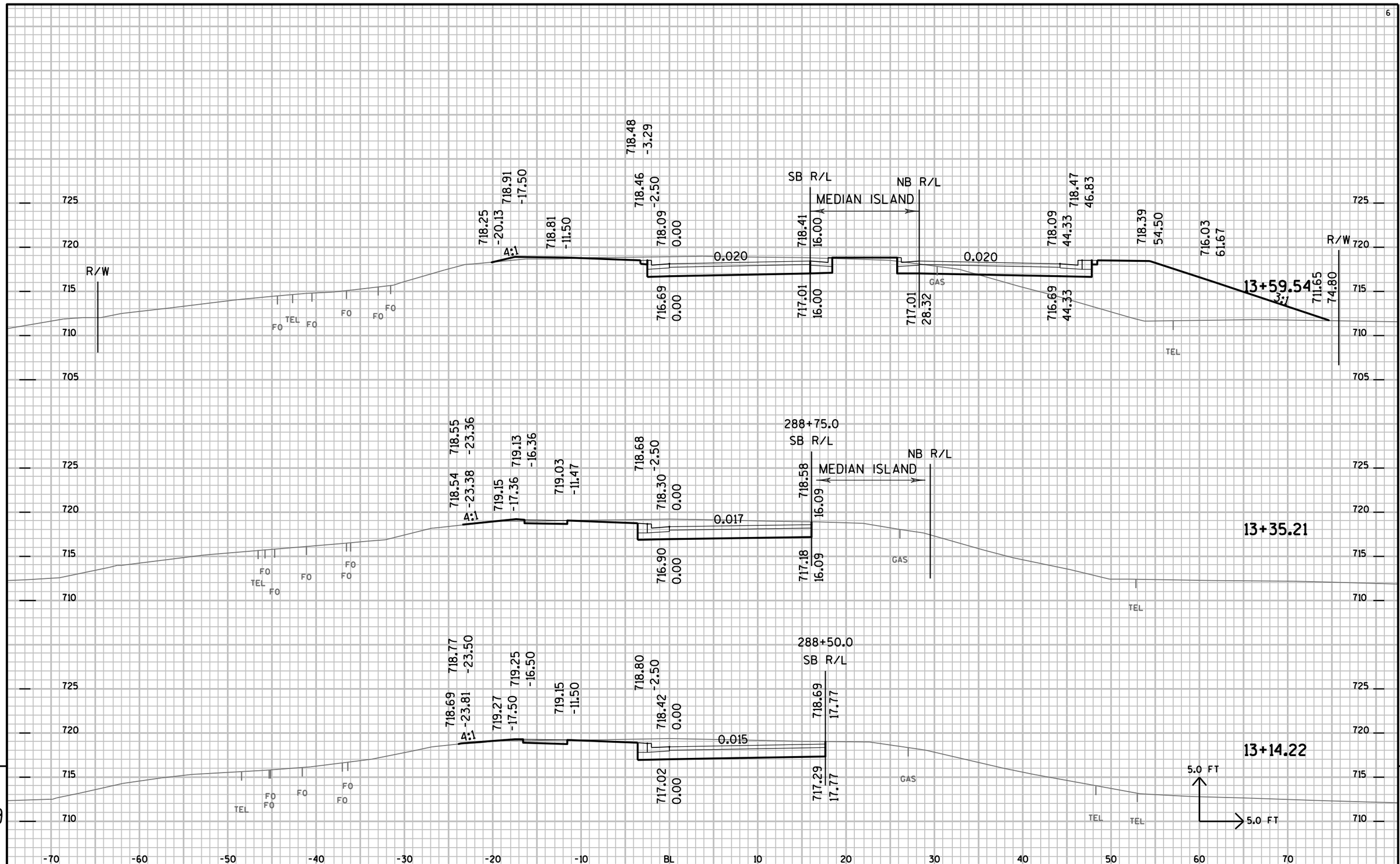


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9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

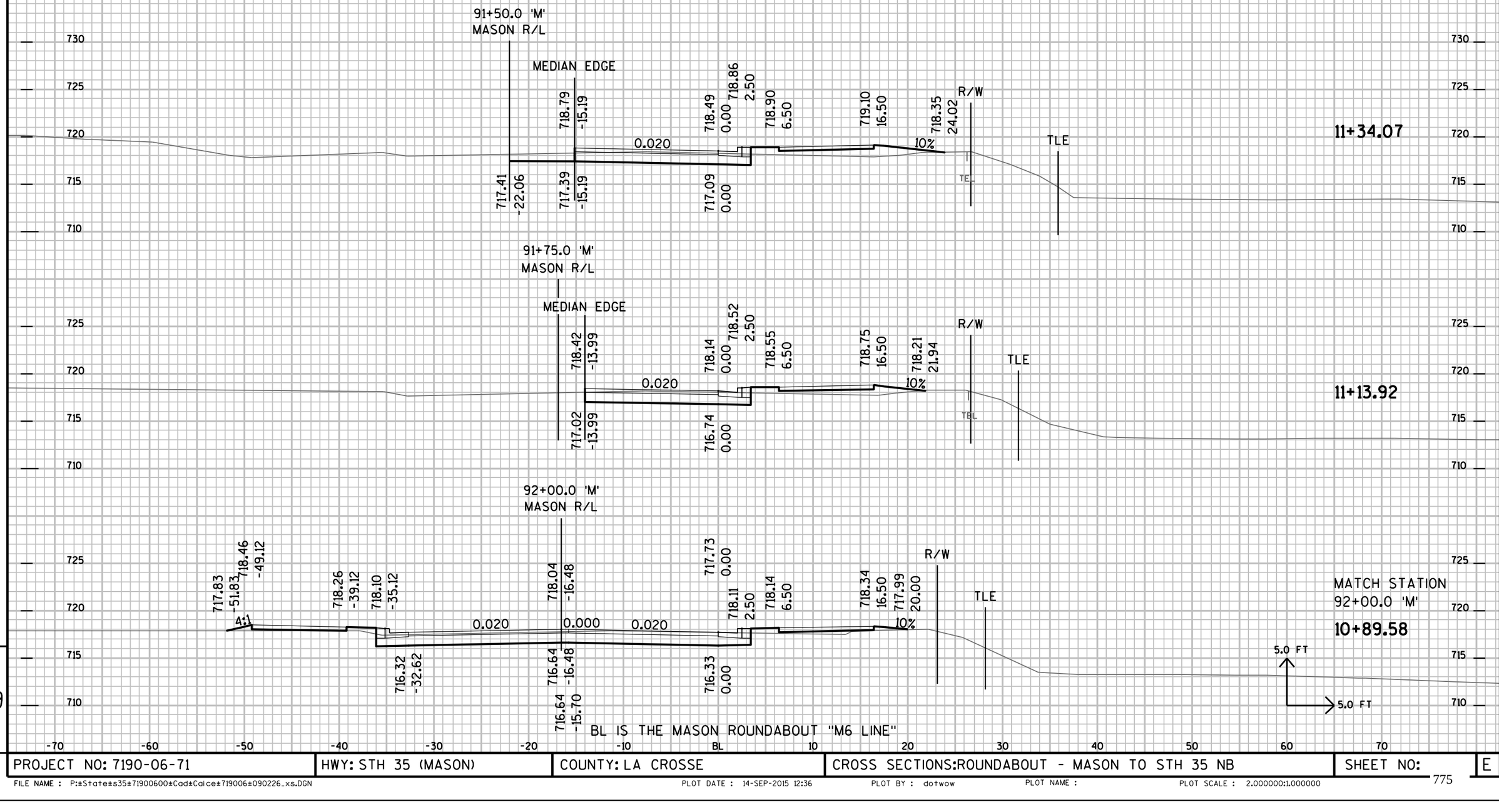


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PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - STH 35 SB CONNECT	SHEET NO:	E

9

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090225_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - MASON TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090226_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MASON 67 RADIUS

MEDIAN EDGE

719.72 -18.29 | 719.35 0.00 | 719.73 2.50 | 719.76 6.50 | 719.96 16.50 | 719.90 19.50

0.020

718.35 -32.31 | 718.32 -18.29 | 717.95 0.00

TEL

3:1

713.99 37.22 R/W

TLE

11+78.46

CONSTRUCTED DRAINAGE BASIN. VERIFY SLOPE INTERCEPT POINTS

91+00.0 'M'
MASON R/L

MEDIAN EDGE

MEDIAN ISLAND

719.41 -17.51 | 719.06 0.00 | 719.43 2.50 | 719.47 6.50 | 719.67 16.50 | 719.65 19.50

0.020

717.95 -49.27 | 718.01 -17.51 | 717.66 0.00

FO
TV

TEL

3:1

713.86 36.88 R/W

TLE

11+64.44

91+25.0 'M'
MASON R/L

MEDIAN EDGE

MEDIAN ISLAND

719.12 -16.59 | 718.79 0.00 | 719.17 2.50 | 719.44 16.50 | 719.40 18.50 | 718.47 23.13

0.020

717.80 -33.39 | 717.72 -16.59 | 717.39 0.00

5:1

TEL

R/W

TLE

11+51.16

5.0 FT
5.0 FT

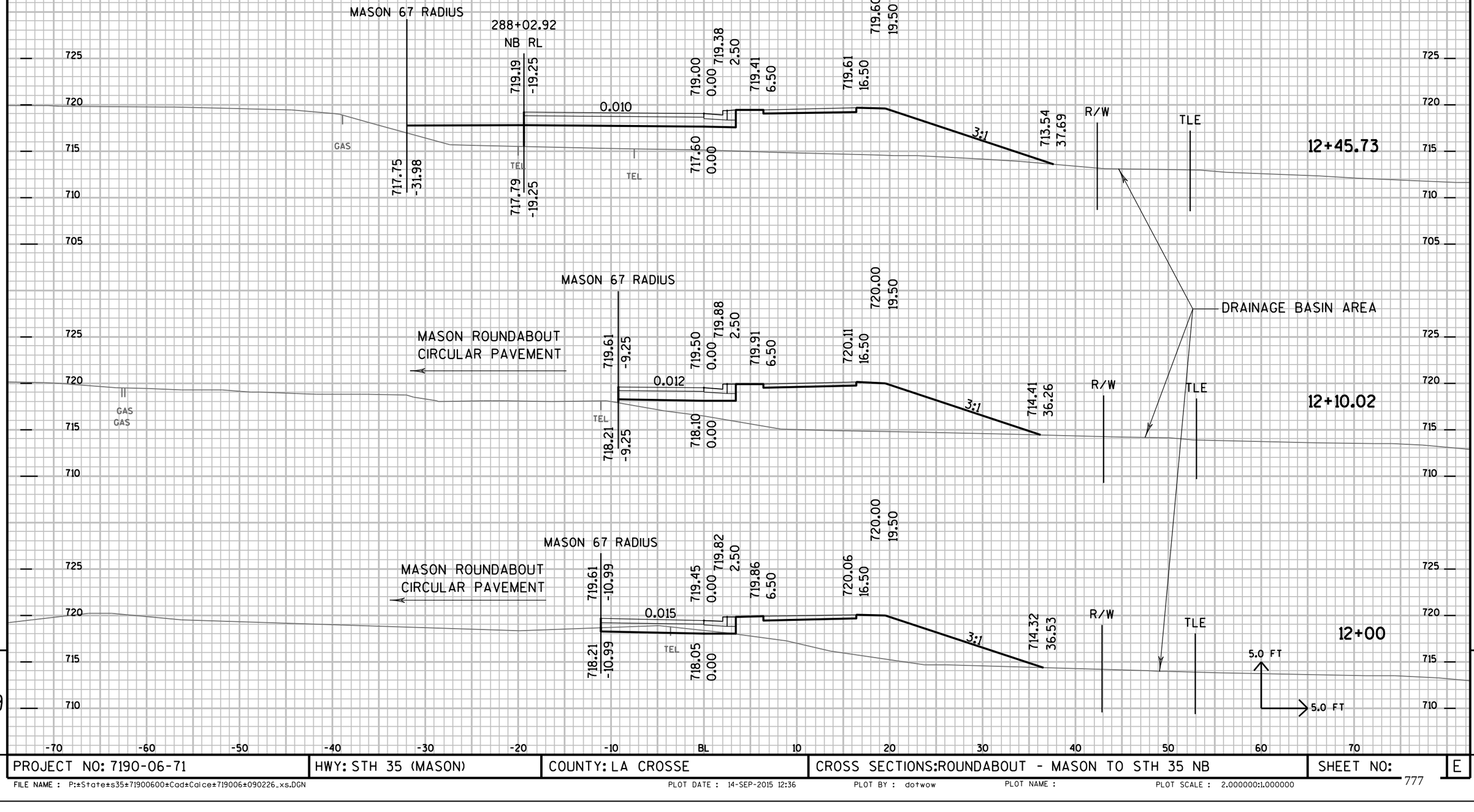
-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

725 720 715 710 730

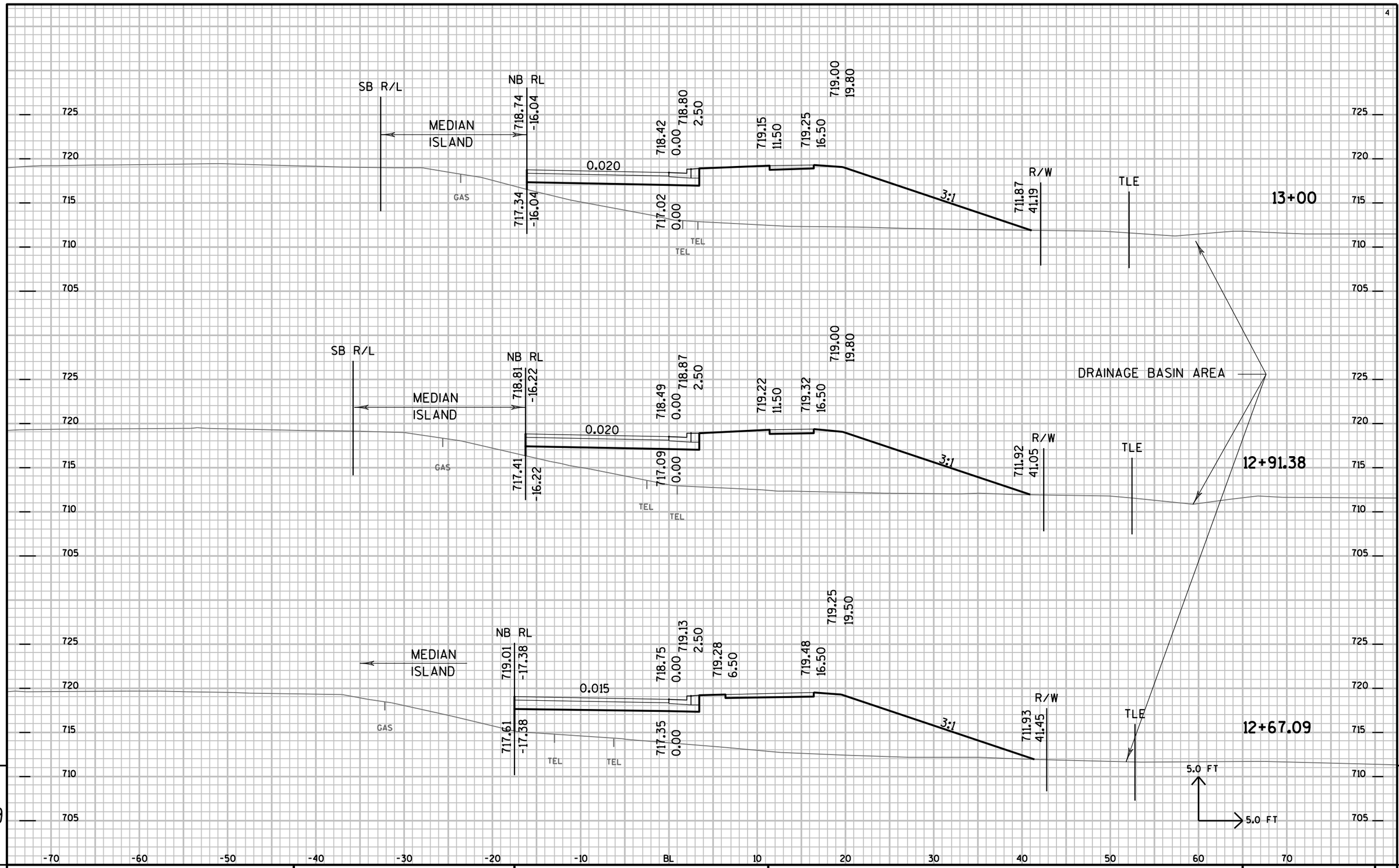
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PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - MASON TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090226_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - MASON TO STH 35 NB	SHEET NO:	E



9

9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - MASON TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090226_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000

MATCH STATION
289+00.0 NB

289+00.0
NB RL

SB R/L

MEDIAN
ISLAND

719.01
-63.00

718.26
-65.98

718.83
-56.00

718.53
-50.28

718.47
-46.93

718.41
-16.00

718.47
2.50

718.09
0.00

718.53
5.64

718.36
10.00

716.03
17.00

4:1

0.020

0.020

716.69
-44.43

717.01
-28.43

717.01
-16.00

GAS

716.69
0.00

3:1

711.69
30.02

TEL

R/W

TLE

13+40.08

288+75.0
NB RL

SB R/L

MEDIAN
ISLAND

718.61
-16.00

718.29
0.00

718.67
2.50

719.00
19.80

719.02
11.50

719.12
16.50

0.020

GAS

717.21
-16.00

716.89
0.00

3:1

711.77
41.49

TEL

R/W

TLE

13+15.73

5.0 FT

5.0 FT

725
720
715
710
705

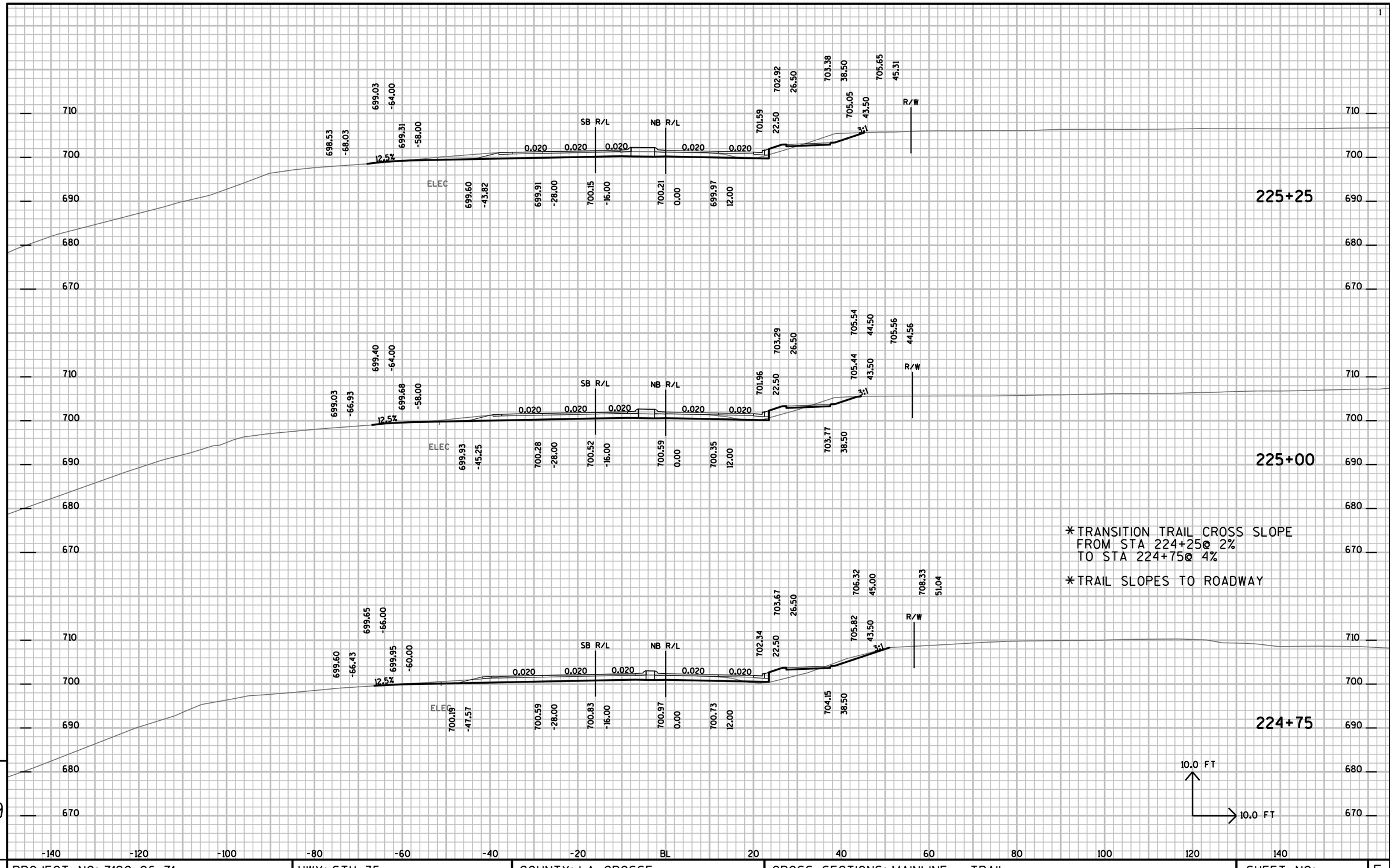
-70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70

9

9

PROJECT NO: 7190-06-71	HWY: STH 35 (MASON)	COUNTY: LA CROSSE	CROSS SECTIONS:ROUNDABOUT - MASON TO STH 35 NB	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090226_xs.DGN PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



*TRANSITION TRAIL CROSS SLOPE
FROM STA 224+25@ 2%
TO STA 224+75@ 4%

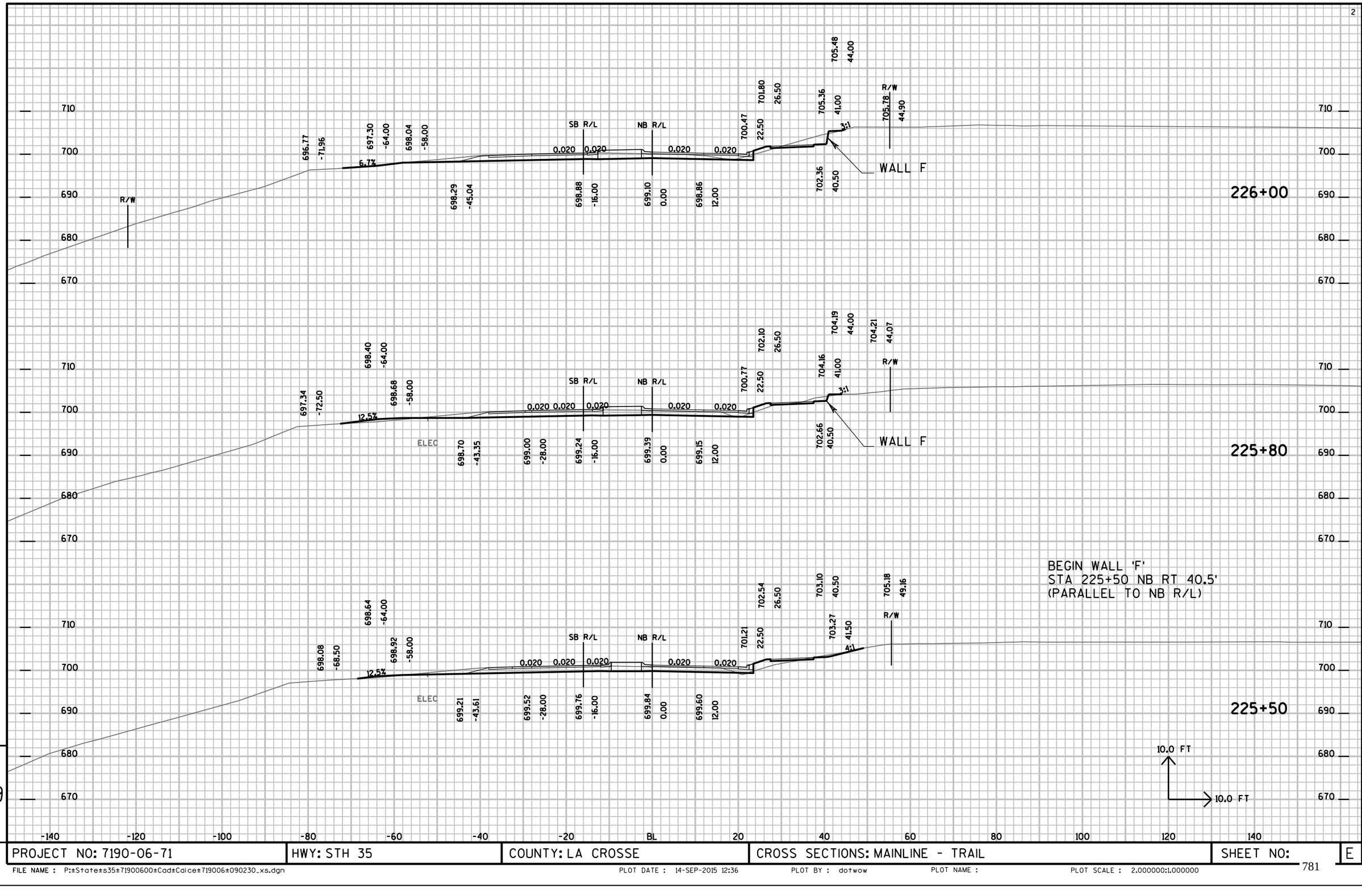
*TRAIL SLOPES TO ROADWAY

9

9

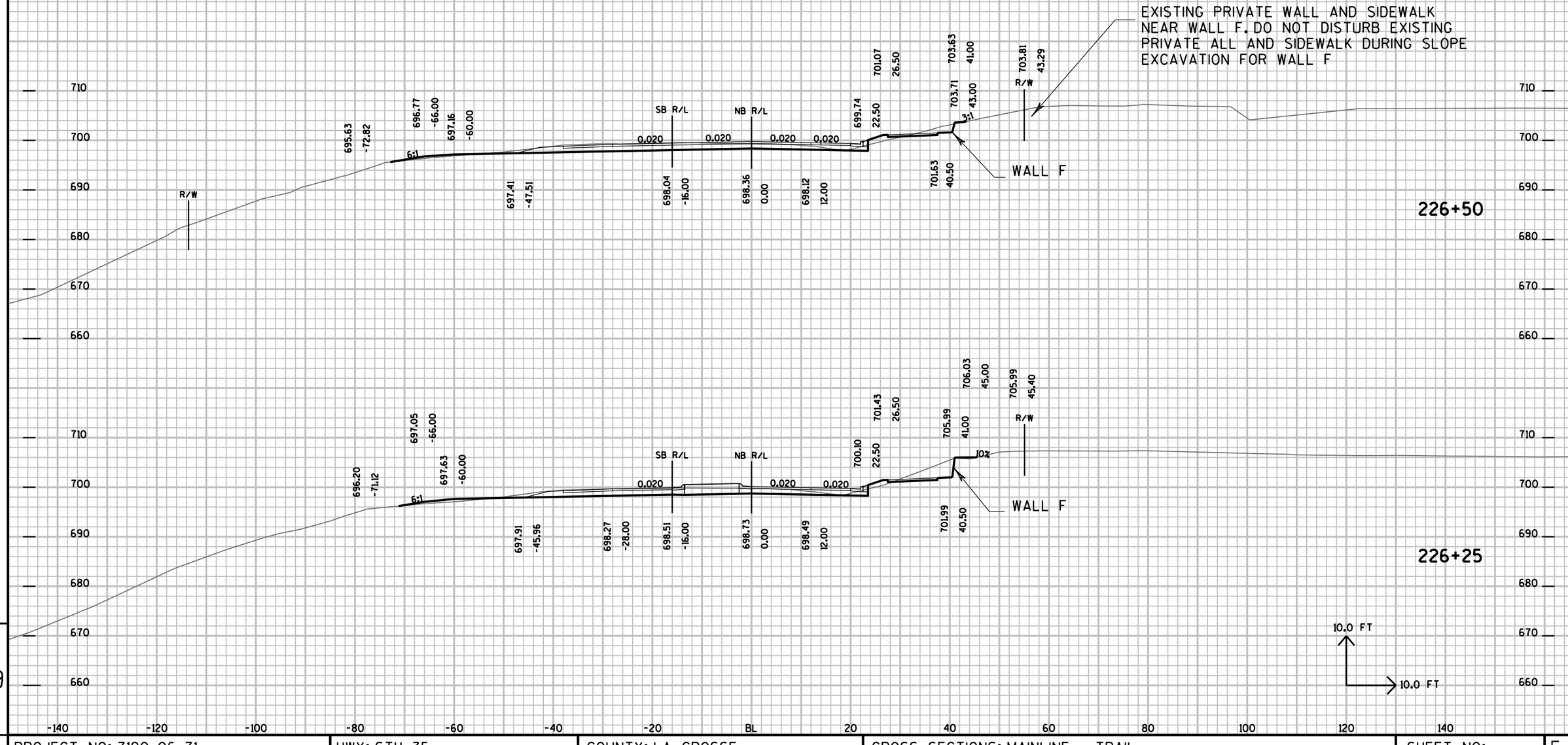
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE - TRAIL	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090230_xs.dgn PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE - TRAIL	SHEET NO:	E

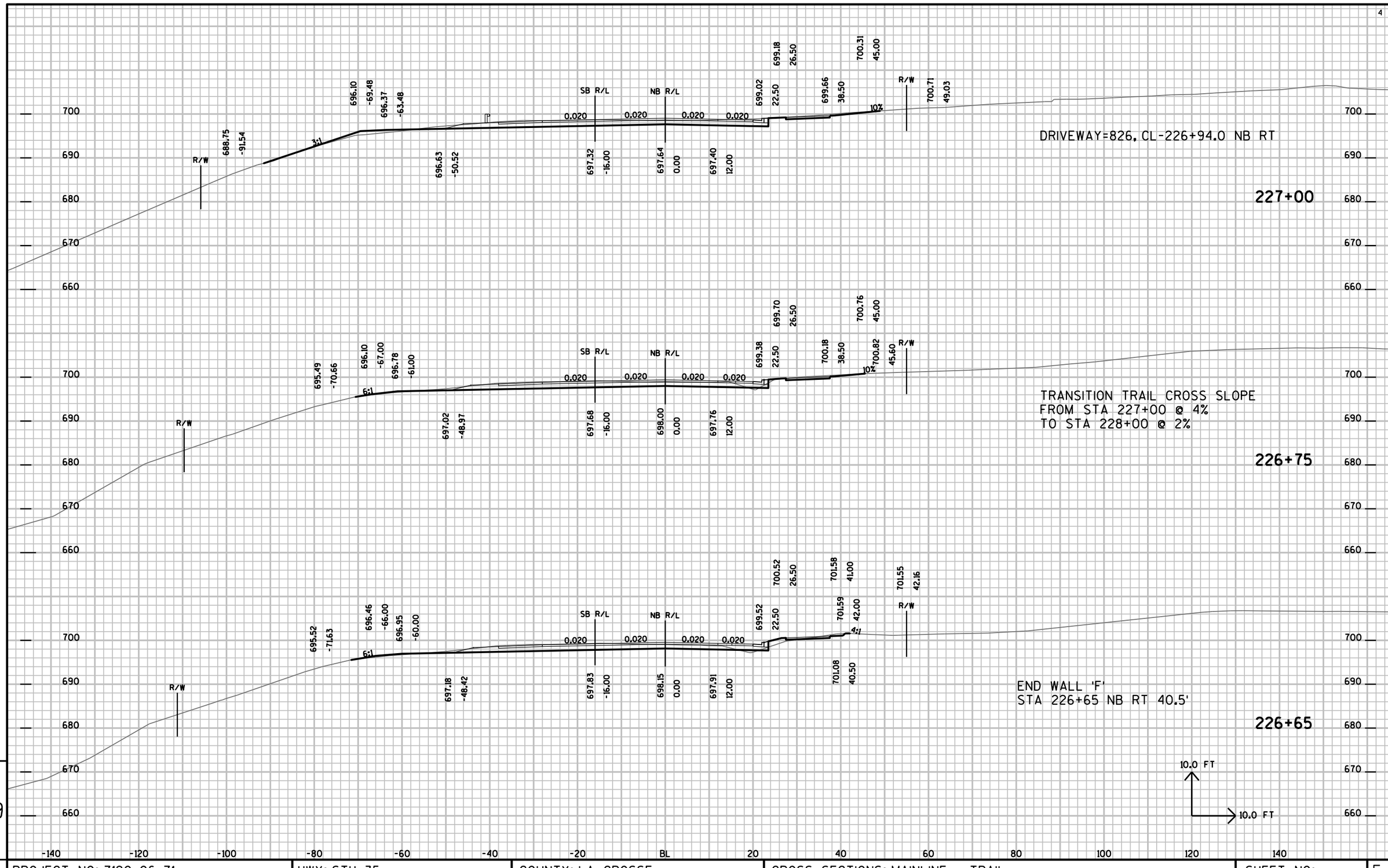
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9

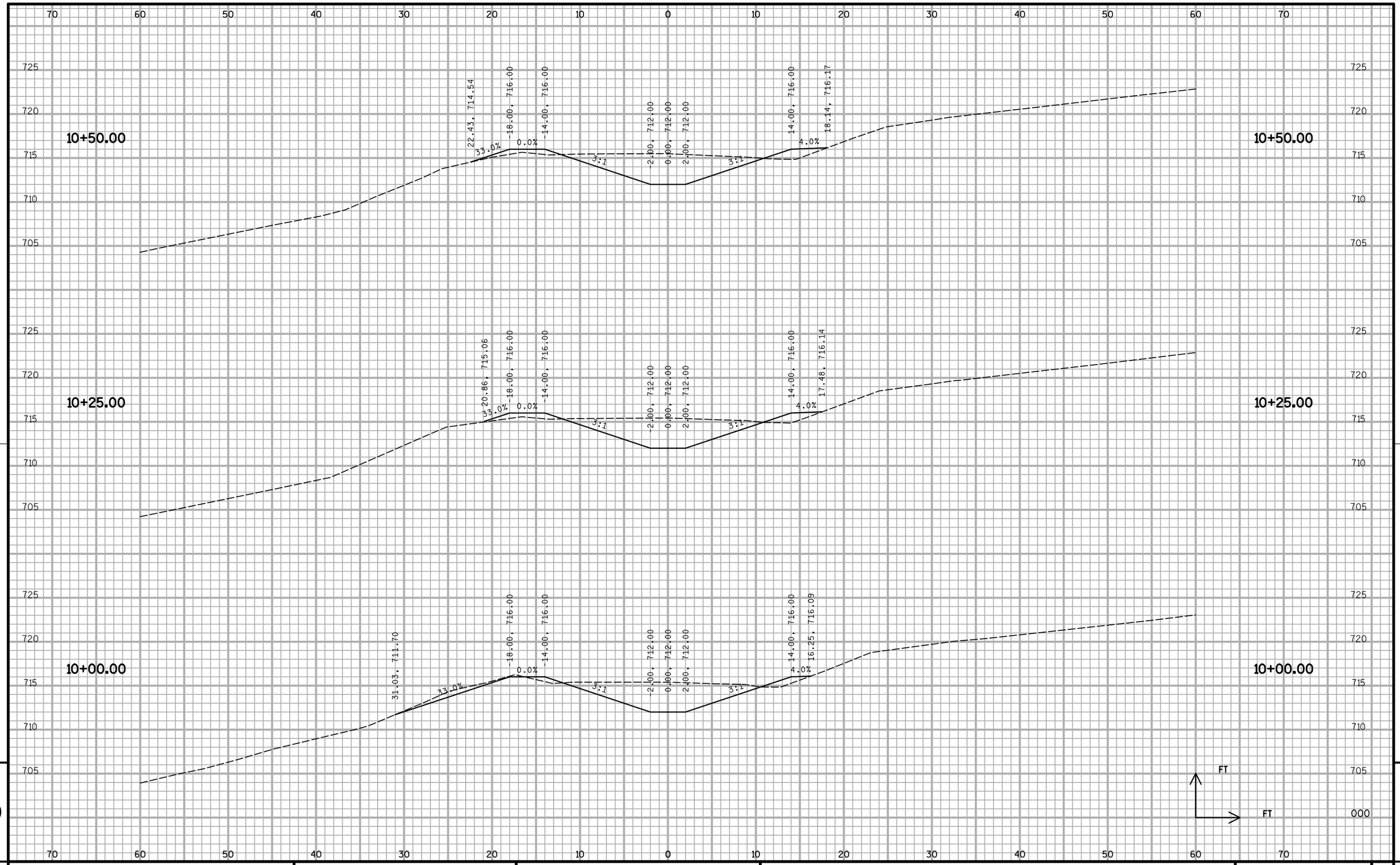
PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE - TRAIL	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090230_xs.dgn PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



PROJECT NO: 7190-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: MAINLINE - TRAIL	SHEET NO:	E

FILE NAME : P:±State±s35±71900600±Cad±Calce±719006±090230_xs.dgn PLOT DATE : 14-SEP-2015 12:36 PLOT BY : dotwow PLOT NAME : PLOT SCALE : 2.000000:1.000000



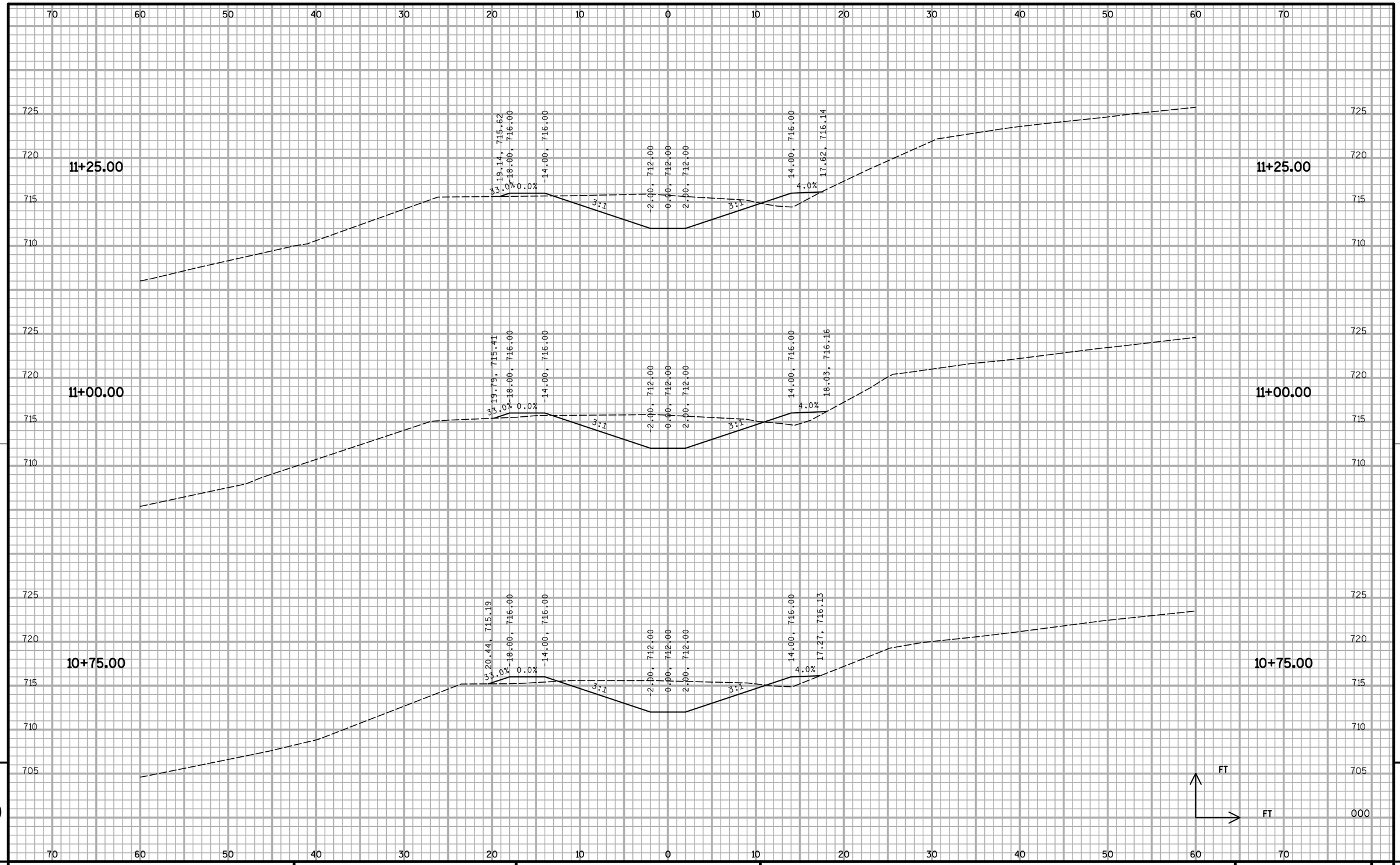
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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 784	E

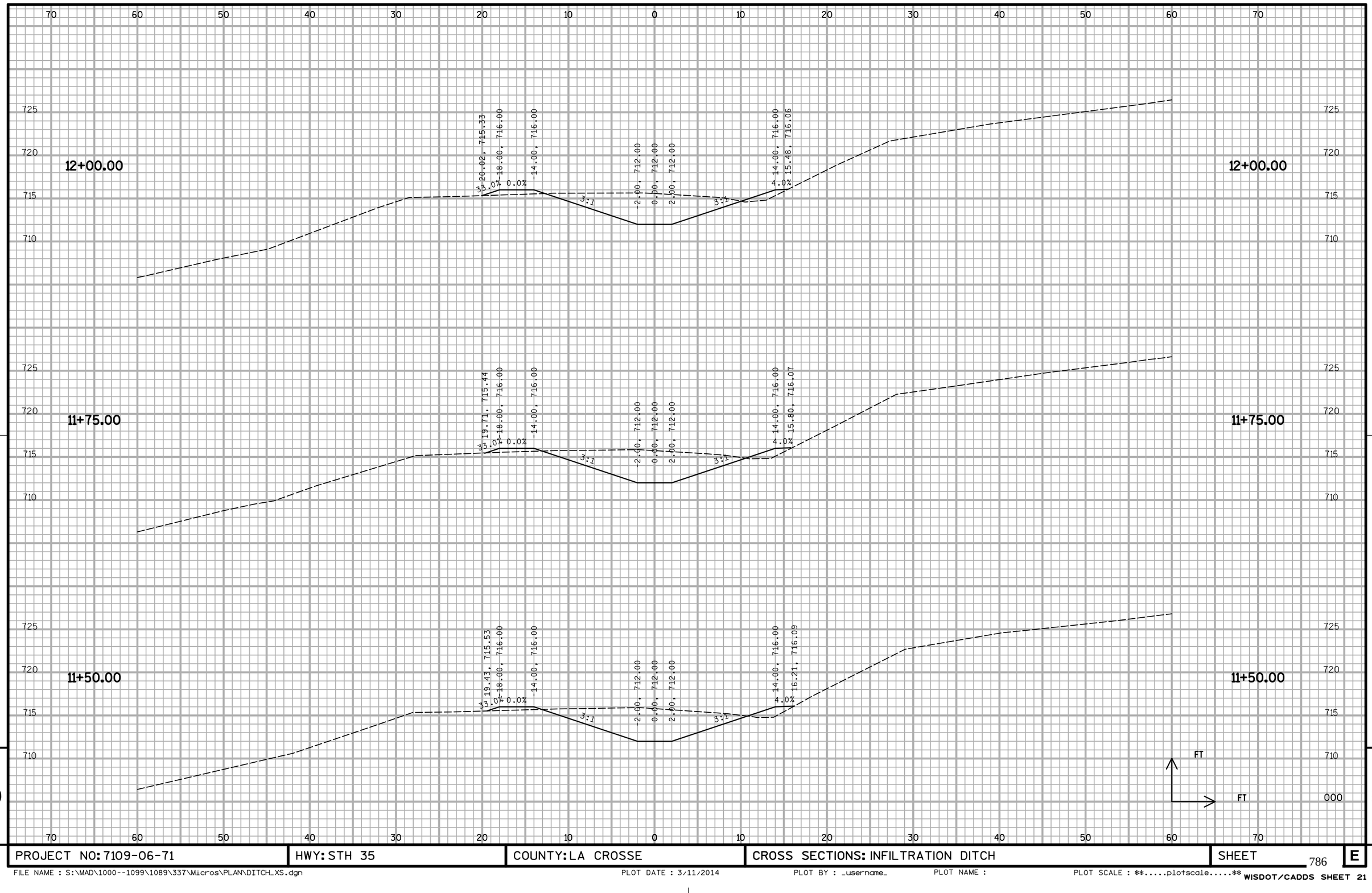
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WISDOT/CADDS SHEET 21



9

PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 785	E

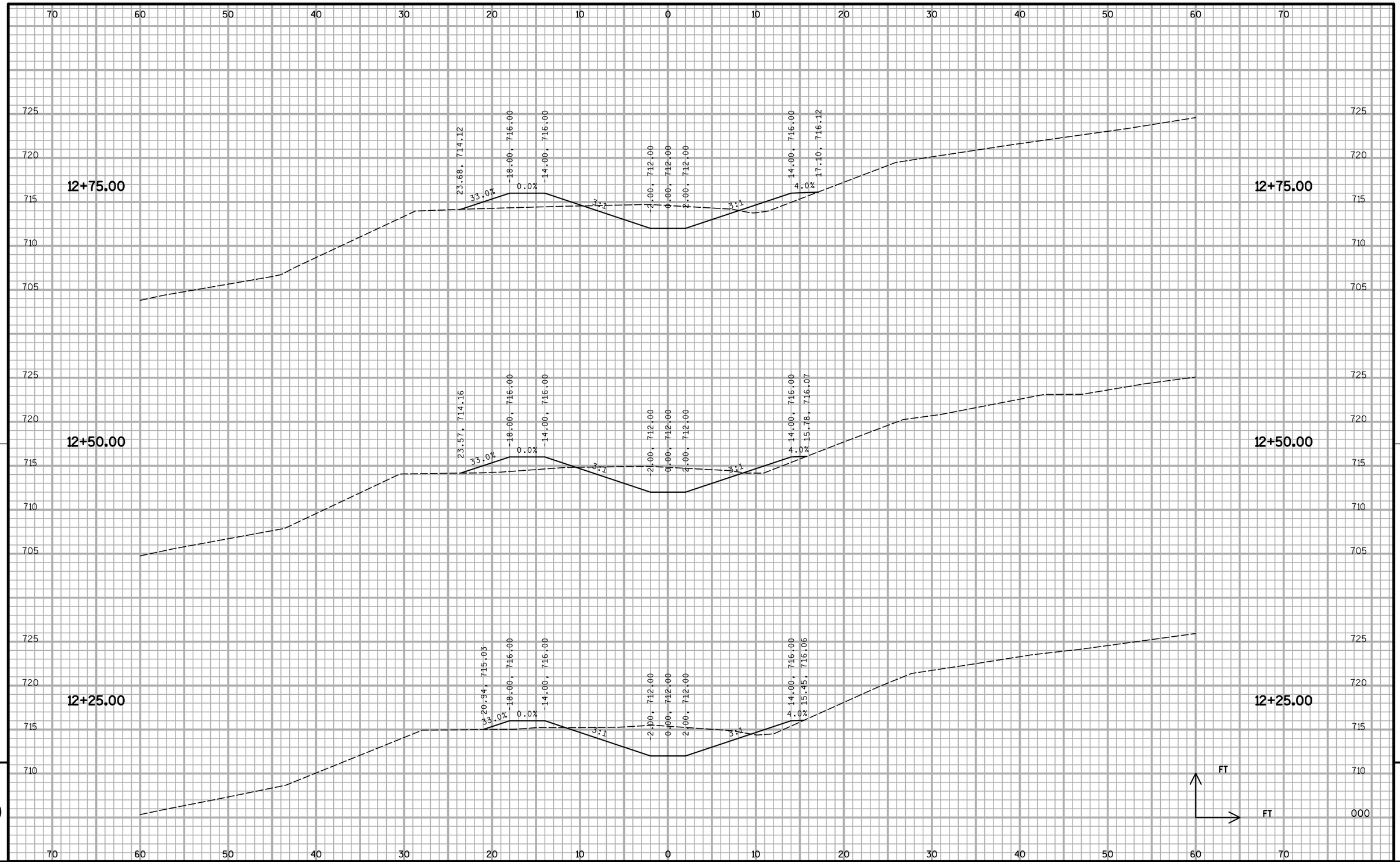


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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 786	E

9

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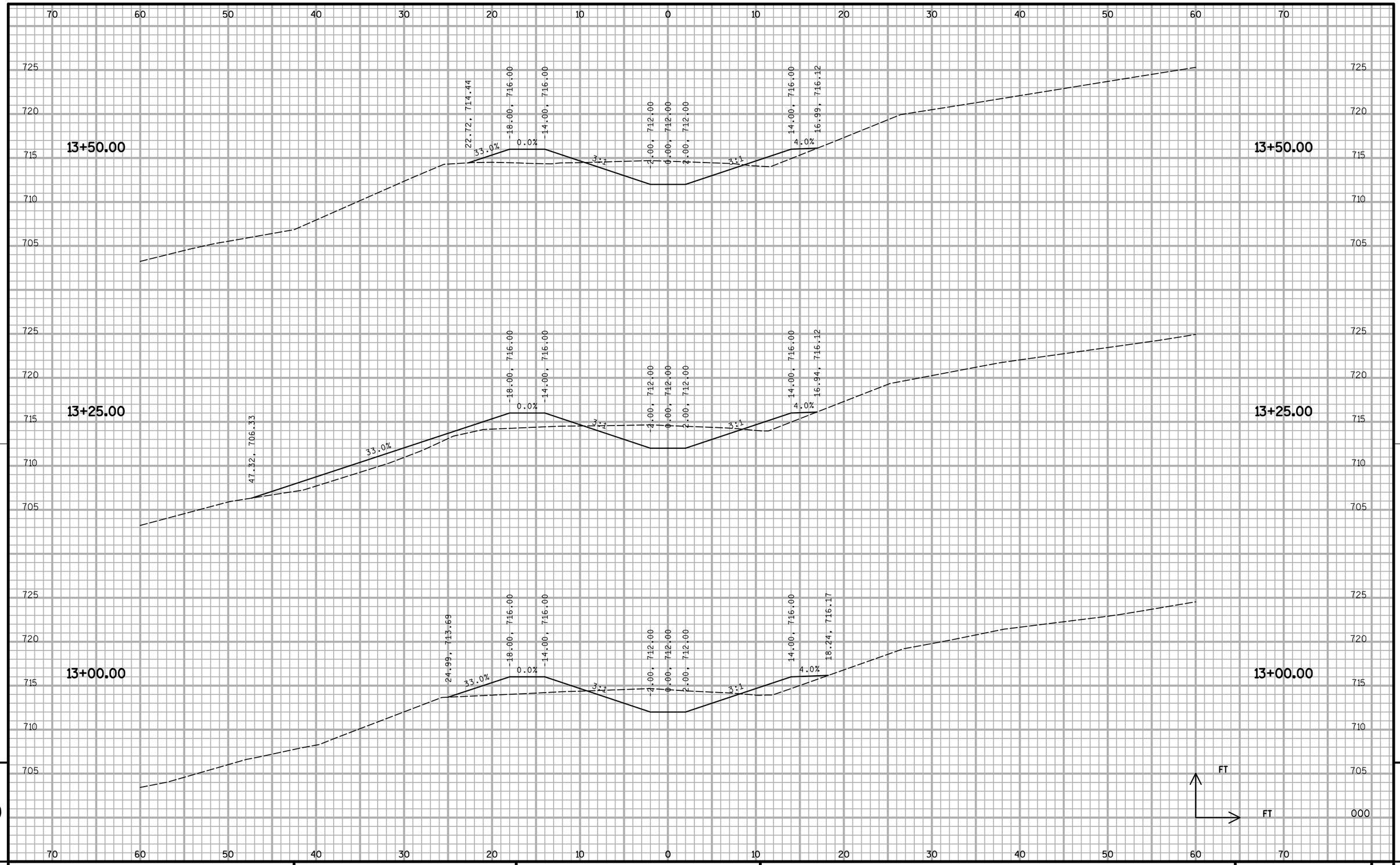


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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 787	E

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WISDOT/CADDS SHEET 21



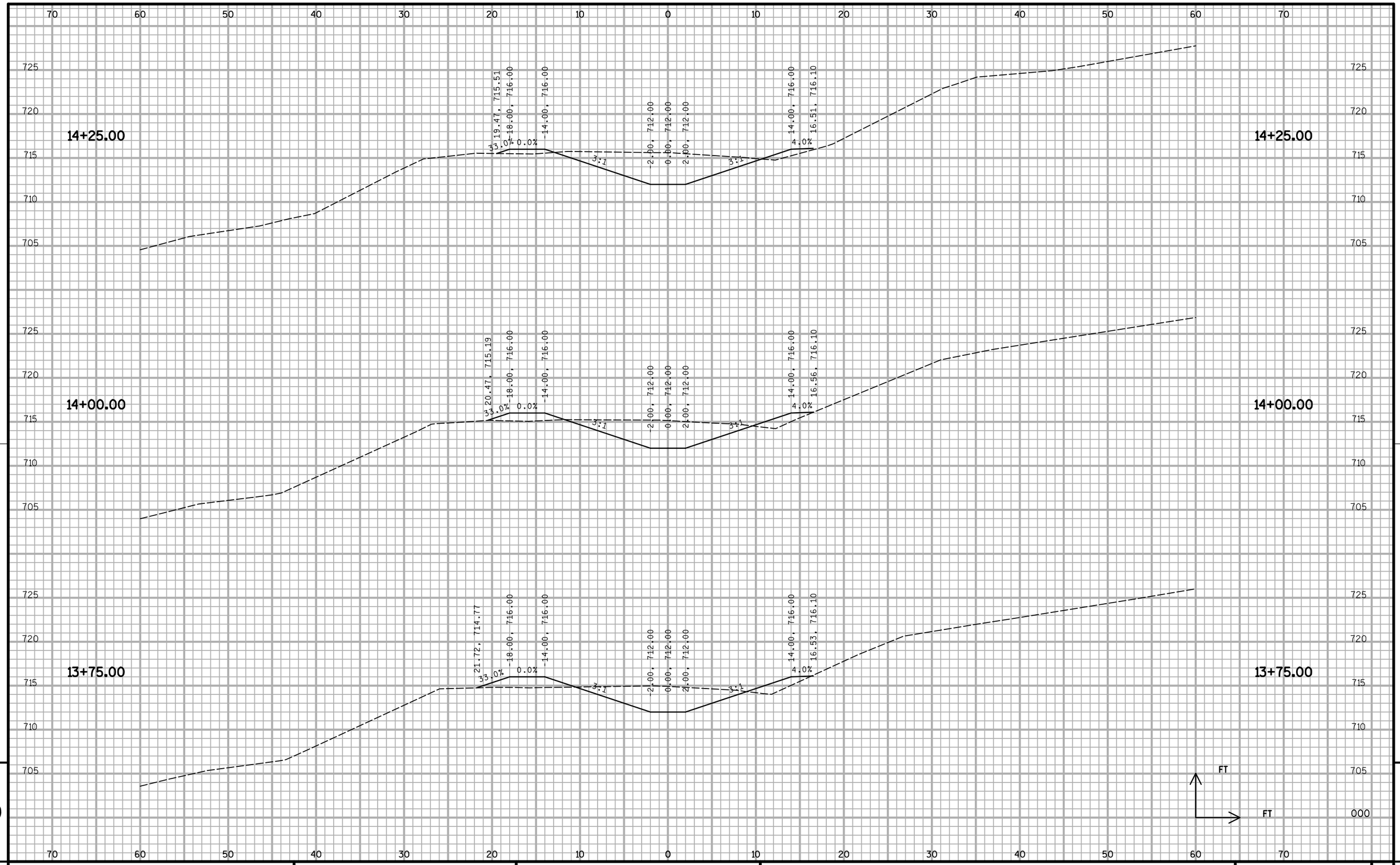
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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 788	E

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WISDOT/CADDS SHEET 21

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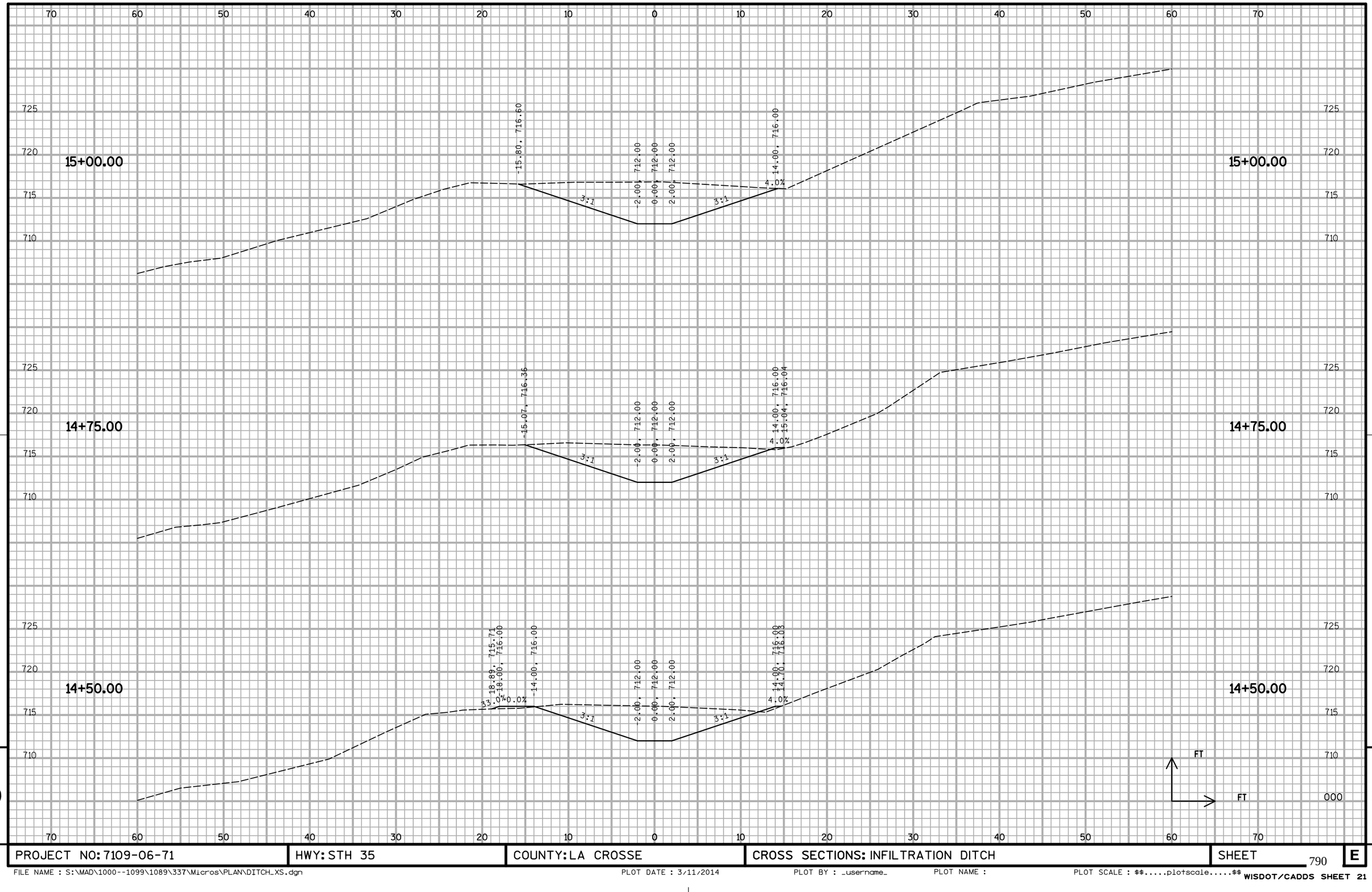


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WISDOT/CADDS SHEET 21

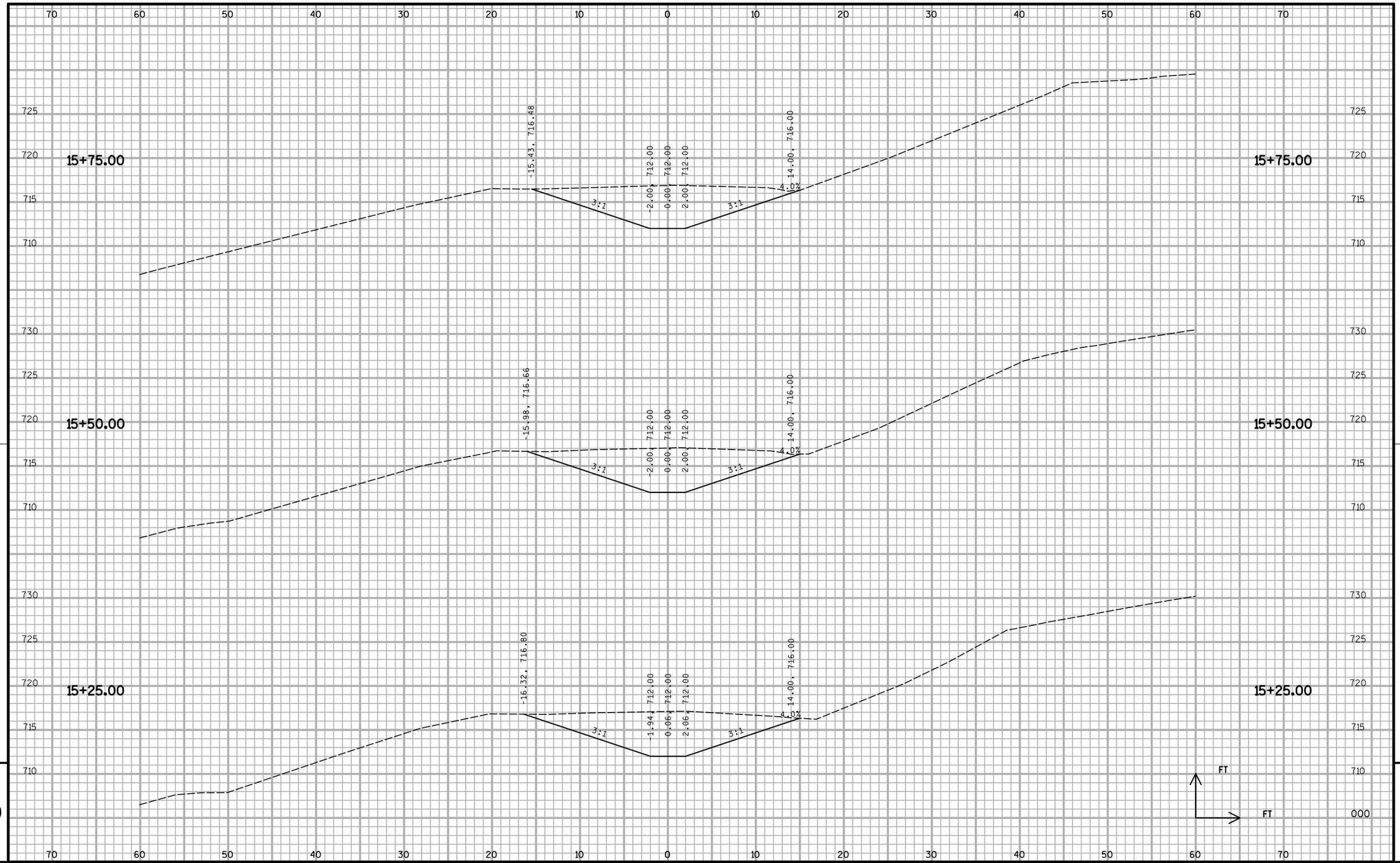


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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 790	E

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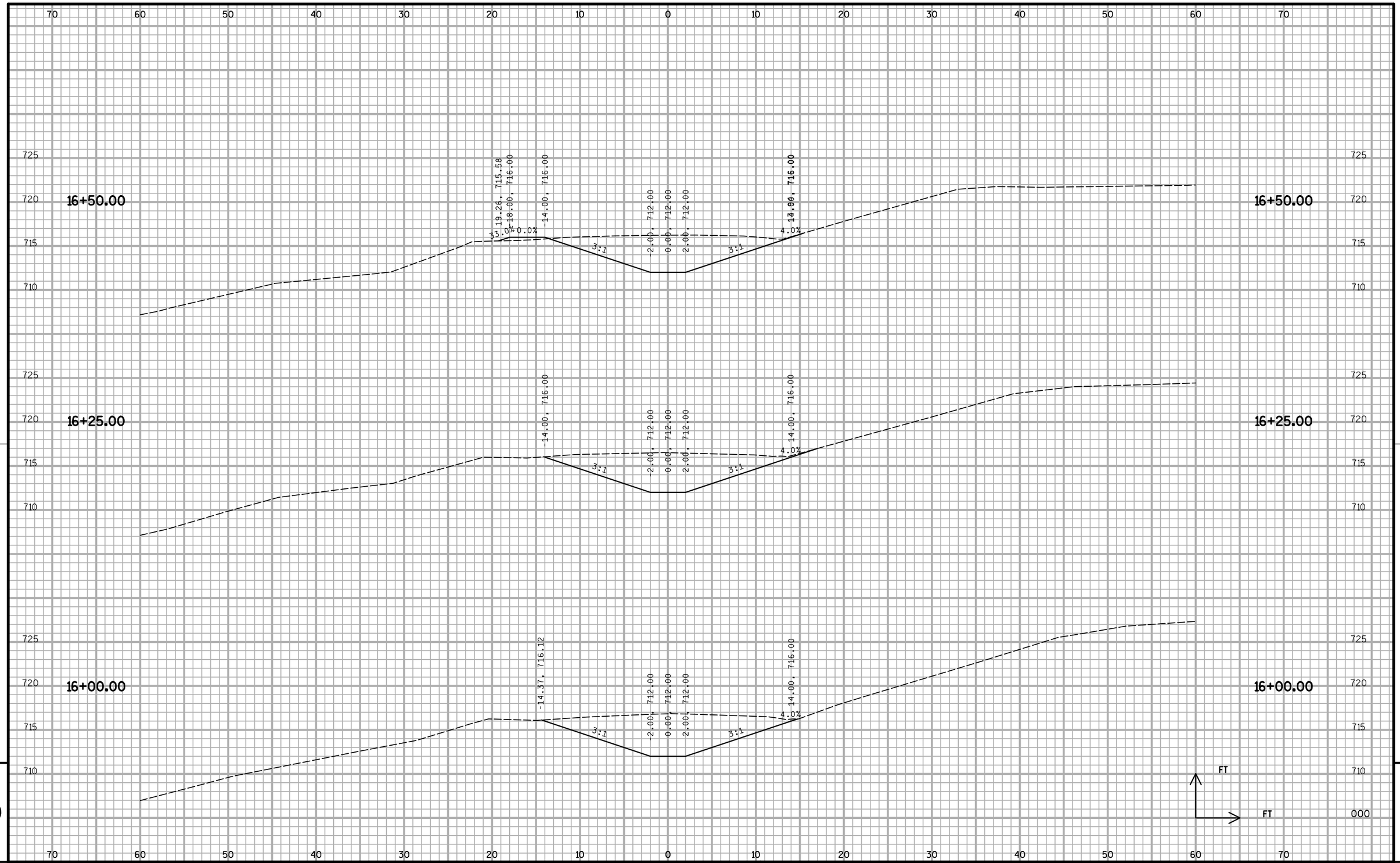


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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 791	E

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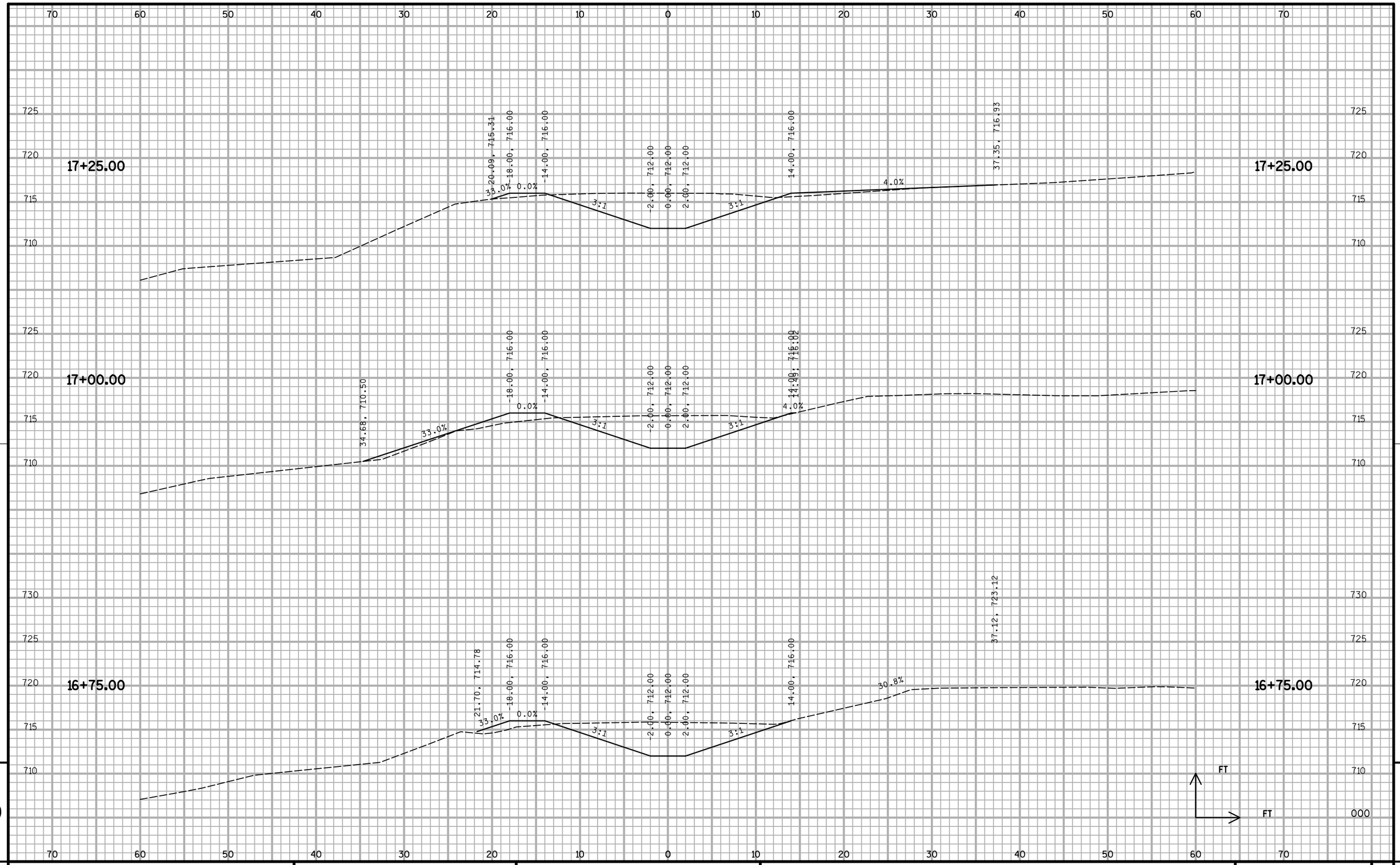
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WISDOT/CADDS SHEET 21



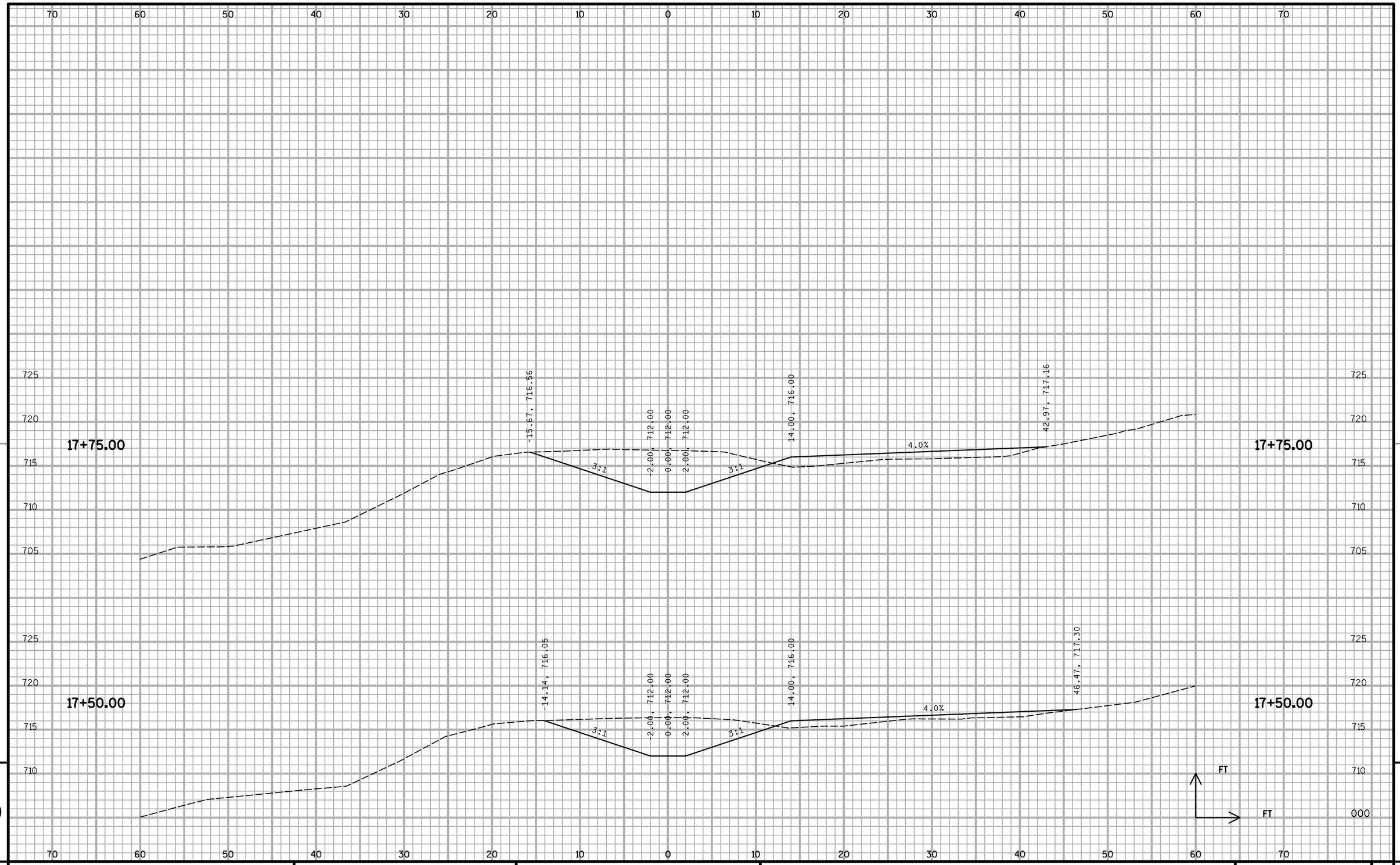
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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 793	E

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WISDOT/CADDS SHEET 21



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PROJECT NO: 7109-06-71	HWY: STH 35	COUNTY: LA CROSSE	CROSS SECTIONS: INFILTRATION DITCH	SHEET 794	E

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WISDOT/CADDS SHEET 21

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

LAX

DEC 2015

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	General Notes & Contracts
Section No.	2	Typical Details
Section No.	3	Estimate of Quantities
Section No.	5	Water Main Plan and Profile
Section No.	5	Utility Adjustments & Relocations

TOTAL SHEETS = 12

PROJECT ID: 7190-06-80

WITH: 7190-06-71/81

COUNTY: LA CROSSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ONALASKA–USH 53

POPLAR ST TO USH 53

STH 35

LACROSSE COUNTY

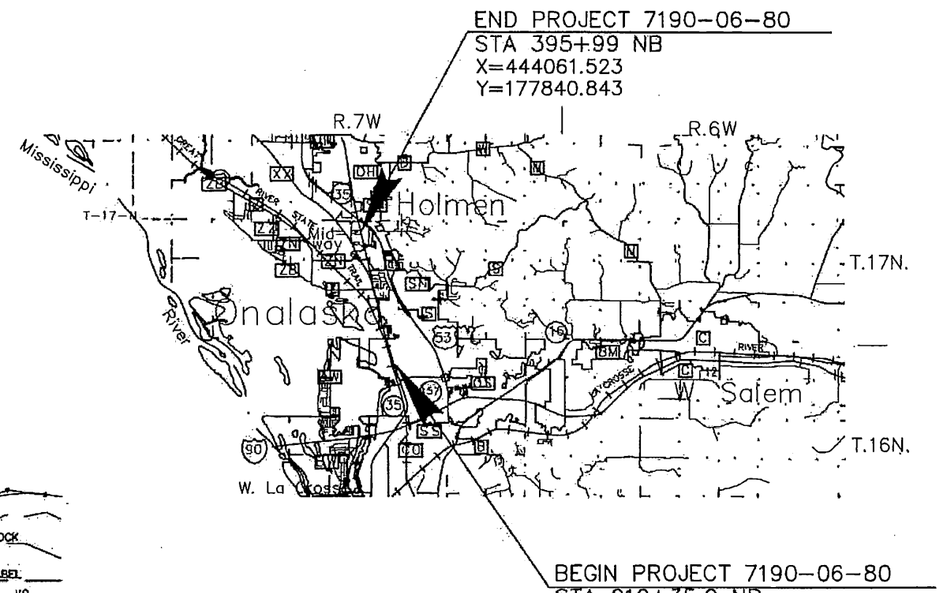
WATER

STATE PROJECT NUMBER
7190–06–80

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7190–06–80		







DESIGN DESIGNATION

A.A.D.T. 2014	=	14,333
A.A.D.T. 2034	=	17,175
D.H.V. 2034	=	1820
D.D.	=	58/42
T.	=	4.5%
DESIGN SPEED	=	50/60 MPH
ESALS	=	1,372,400

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
WOODED OR SHRUB AREA		UTILITY PEDESTAL	
		POWER POLE	
		TELEPHONE POLE	

LAYOUT SCALE 0 1.8 MI

TOTAL NET LENGTH OF CENTERLINE = 0.000 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), LA CROSSE COUNTY,NAD 83 (1991) ADJUSTMENT."

ORIGINAL PLANS PREPARED BY

CITY OF ONALASKA ENGINEERING DEPARTMENT

WISCONSIN KEVIN J. SCHUBERT E-40651 ARENA WI PROFESSIONAL ENGINEER

8-3-15 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	
Project Manager	
Regional Examiner	TODD WALDO
Regional Supervisor	REINY YAHNKE
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: 8/3/2015 Todd Waldo (Signature)

E

UTILITIES + OTHER CONTACTS

TELECOMMUNICATIONS
CENTURYLINK
ATTN: BRIAN STELPLUGH
333 N FRONT STREET
PO BOX 4800
LA CROSSE, WI 54602
PH: (608) 796-5142
EMAIL: Brian.Stelplugh@CenturyLink.com

TELECOMMUNICATIONS
CHARTER COMMUNICATIONS
ATTN: PERRY MCCLELLAN
1228 12TH AVENUE SOUTH
ONALASKA, WI 54650
PH: (715) 370-7140
EMAIL: perry.mcclellan@chartercom.com

GAS
XCEL ENERGY
ATTN: Dan Marti
3215 COMMERCE STREET
LA CROSSE, WI 54602
PH: (608) 789-3647
EMAIL: daniel.r.marti@xcelenergy.com

XCEL ENERGY - Office Contact
ATTN: Dawn Schultz
1414 W Hamilton Ave
P.O. Box 8
Eau Claire, Wi 54702-0008
PH: (715)737-2482
EMAIL: dawn.schultz@xcelenergy.com

RIVERLAND ENERGY - Electricity
ATTN: Tim Holtan
N28988 State Road 93
P.O. Box 277
Arcadia, WI 54612-0277
PH: (608) 323-3381
EMAIL: tholtan@riverlandenergy.com

DAIRYLAND POWER COOPERATIVE - Electricity
ATTN: Kurt Childs
32oo East Ave S
P.O. Box 817
La Crosse, Wi 54602
PH: (608) 788-4000
EMAIL: kdc@dairynet.com

DNR Liaison
Karen Kalvelage
Environmental Analysis & Review Specialist
Wisconsin Dept. of Natural Resources
West Central Region
3550 Mormon Coulee Road
La Crosse, Wi 54601
608-785-9115

ELECTRIC
XCEL ENERGY
ATTN: SCOTT ROBERTS
3215 COMMERCE STREET
LA CROSSE, WI 54602
PH: (608) 789-3625
EMAIL: scott.w.roberts@xcelenergy.com

WATER, SANITARY SEWER, STORM SEWER &
TRAFFIC SIGNALS
CITY OF ONALASKA
ATTN: KEVIN SCHUBERT
415 MAIN STREET
ONALASKA, WI 54650
PH: (608) 781-9537
EMAIL: kschubert@cityofonalaska.com

LA CROSSE MUNICIPAL AIRPORT
ATTN: DAN WRUCK
2850 AIRPORT ROAD
LA CROSSE, WI 54603
PH: (608) 789-7466
EMAIL: wruckd@cityoflacrosse.org

XCEL ENERGY - Electricity Transmission
ATTN: Bruce Zemke
414 Nicollet Mall, MP8-C
Minneapolis, MN 55401
PH: (612) 330-7815
EMAIL: bruce.m. zemke@xcelenergy.com

WINDSTREAN NTI - Communication Line
ATTN: Jim Kostuch
13935 Bishops Drive
Brookfield, WI 53005
PH: (262) 792-7938
EMAIL: james.kostuch@windstream.com

VILLAGE OF HOLMEN - Sewer/Water
ATTN: Dean Olson
605 Empire Street
Holmen, WI 54636
PH: (608) 526-3513
EMAIL: dolson@holmenwi.com

CITY OF ONALASKA
ATTN: Kevin Schubert
415 Main Street
Onalaska, WI 54650
PH: (608) 781-9537
EMAIL: kschubert@cityofonalaska.com

GENERAL NOTES

COORDINATE ALL UTILITY WORK WITH CITY OF ONALASKA UTILITY DEPARTMENT. CITY OF ONALASKA REQUIRES 48-HOUR NOTICE PRIOR TO ANY SCHEDULED UTILITY INTERRUPTIONS. SCHEDULED DISRUPTIONS SHALL NOT OCCUR DURING PEAK USAGE HOURS. ONLY CITY OF ONALASKA UTILITY PERSONNEL SHALL OPERATE WATER VALVES AND HYDRANTS.

WATER CONSTRUCTION SHALL MEET CITY OF ONALASKA SPECIFICATIONS.

CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE PRIOR TO ANY EXCAVATION ON THE PROJECT SITE. UTILITIES NOT LISTED WITH DIGGERS HOTLINE SHALL BE CONTACTED BY THE CONTRACTOR SEPARATELY.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

WATER CONSTRUCTION SHALL BE COORDINATED WITH ROADWAY PROJECT (#7190-06-71). WATER AND SEWER CONSTRUCTION SHALL BE STAGED AS NECESSARY TO MEET THE TRAFFIC CONTROL PLAN REQUIREMENTS OF THE ROADWAY PROJECT.

ANY CATCH BASINS, HYDRANTS, MANHOLE SECTIONS OR CASTINGS THAT MAY BE SALVAGED ON THE PROJECT SHALL REMAIN THE PROPERTY OF THE CITY OF ONALASKA. CONTRACTOR SHALL DELIVER ANY SUCH ITEMS TO THE CITY PUBLIC WORKS FACILITY (252 MASON ST.) AS DIRECTED BY THE ENGINEER. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR AT NO COST TO THE CITY OF ONALASKA.

ALL WATER AND SANITARY SEWER SHALL REMAIN IN SERVICE THROUGHOUT CONSTRUCTION. WATER SERVICE DISRUPTIONS SHALL ONLY OCCUR DURING SCHEDULED CONNECTIONS TO EXISTING OR NEW MAINS WHEN ADEQUATE NOTICE HAS BEEN GIVEN TO RESIDENTS. IF DURING CONSTRUCTION, ANY EXISTING WATER MAIN IS DAMAGED OR FAILS IN ANY WAY, CONTRACTOR SHALL IMMEDIATELY CEASE OPERATIONS AND REPAIR DAMAGES OR FAILURE TO ENSURE WATER SERVICE IS RESTORED AS QUICKLY AS POSSIBLE.

CONDITIONS OF EXISTING WATER MAINS ON THE PROJECT ARE UNKNOWN. CONTRACTOR SHALL EXERCISE EXTREME CARE DURING CONSTRUCTION AROUND ALL EXISTING WATER MAINS AND SERVICES. NO COMPENSATION SHALL BE MADE TO CONTRACTOR FOR REPAIRS TO DAMAGED OR FAILING EXISTING WATER MAINS, DAMAGED OR FAILING WATER SERVICES, OR FOR LEAKS THAT OCCUR ON THE CONSTRUCTION SITE DURING THE CONSTRUCTION PERIOD (INCLUDING ANY NECESSARY FITTINGS OR APPURTENANCES).

CONTRACTOR SHALL PROVIDE CITY WITH COMPLETE AS-BUILT PLANS UPON PROJECT COMPLETION.

MAINTAIN ACCESS TO RESIDENCES AT THE END OF EACH WORK DAY.

CONTRACTOR IS EXPECTED TO ABIDE BY ALL EXCAVATION AND TRENCHING SAFETY STANDARDS AS PER OSHA REQUIREMENTS. NON-COMPLIANCE SHALL RESULT IN A STOP WORK ORDER . CONTRACTOR SHALL PULL A BOX AS CONDITIONS WARRANT. IF CONTRACTOR DISTURBS AREA, WHICH IN THE OPINION OF THE ENGINEER, DID NOT HAVE TO BE DISTURBED, IT SHALL BE CONTRACTOR'S COST TO RESTORE SAID AREA BACK TO ORIGINAL CONDITION

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS, BY CAREFUL EXAMINATION, SATISFIED THEIR SELF AS TO THE NATURE AND LOCATION OF THE WORK, THE CONFORMATION OF THE GROUND, THE CHARACTER, QUALITY AND QUANTITY OF THE MATERIALS TO BE ENCOUNTERED, THE GENERAL AND LOCAL CONDITION AND ALL OTHER MATTERS WHICH CAN IN ANY WAY AFFECT THE WORK UNDER THE CONTRACT. IT BEING FURTHER UNDERSTOOD ANY EXPENSE ACCRUED FOR SUCH ITEM AS DE-WATERING, ROCK EXCAVATION, ETC. SHALL BE INCLUDED IN PRICE BID FOR LINEAR FOOT OF PIPE INSTALLED

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, RELAYING, OR RENEWING ANY WATER MAIN, STORM SEWER, CATCH BASIN, CATCH BASIN LATERAL, SEWER LATERAL, WATER LATERAL, SANITARY SEWER, MANHOLES, AND APPURTENANCES WHICH MAY BE LOST OR DAMAGED DURING CONSTRUCTION. IT IS FURTHER UNDERSTOOD ANY COST FOR ABOVE SAID ITEMS NOT SPECIFICALLY ITEMIZED IN BID PROPOSAL BE CHARGED TO COST BID PER LINEAR FOOT OF PIPE INSTALLATION

IN ORDER TO MINIMIZE ALL POSSIBILITY OF INJURY TO RESIDENTS, CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO SUPPLY AND PLACE BARRICADES AT ALL POSSIBLE POINTS OF EXCAVATION, CONSTRUCTION, ETC.

ALL PIPING SHALL BE INSTALLED WITH CLASS B BEDDING

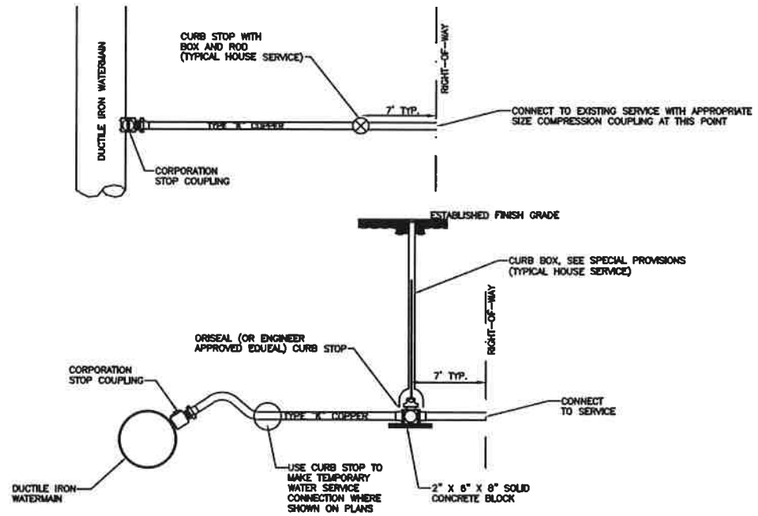
HYDRANTS SHALL HAVE LOCKING GLANDS FROM TEE TO HYDRANT

CONTRACTOR'S INSURANCE COMPANY SHALL MAKE VISUAL INSPECTIONS OF HOMES AND BUILDINGS CLOSE TO CONSTRUCTION AREA PRIOR TO START OF WORK SO THAT CLAIMS ARE ACCURATE AND JUSTIFIED

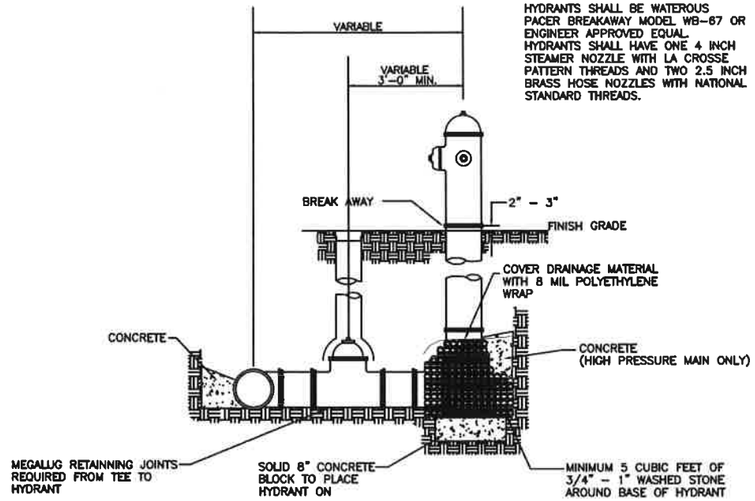


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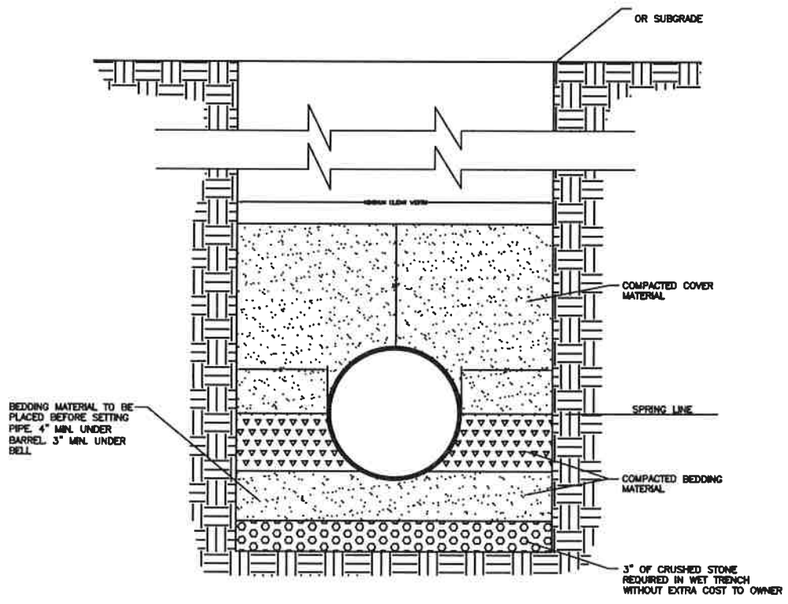
PROJECT NO: 7190-06-80	HWY: STH 35	COUNTY : LA CROSSE	GENERAL NOTES & CONTACTS	SHEET	E



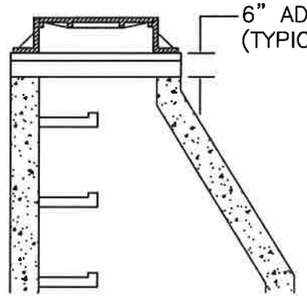
TYPICAL WATER SERVICE CONNECTION



HYDRANT & RUN DETAIL



CLASS "B" BEDDING DETAIL



ADJUSTMENT TO BE 34" O.D. PRE-CAST CONCRETE OR PLASTIC RINGS WITH TWO $\frac{1}{2}$" SQUARE STRIPS OF PREFORMED BUTYL JOINT SEALANT OR APPROVED EQUAL SHALL BE USED BETWEEN RINGS AND BETWEEN TOP RING AND CASTING.

MANHOLE CASTING ADJUSTMENT DETAIL

DATE 22SEP15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-80 QUANTITY
2290	SPV.0060	Special 01. Fire Hydrant	EACH	2.000	2.000
2300	SPV.0060	Special 02. Water Valve and Box, 6-Inch	EACH	3.000	3.000
2310	SPV.0060	Special 03. Water Valve and Box, 8-Inch	EACH	2.000	2.000
2320	SPV.0060	Special 04. Corporation Stop, 1-Inch	EACH	12.000	12.000
2330	SPV.0060	Special 05. Curb Stop and Box, 1-Inch	EACH	12.000	12.000
2340	SPV.0060	Special 06. Removing Fire Hydrant	EACH	2.000	2.000
2350	SPV.0060	Special 07. Removing Valve Box	EACH	2.000	2.000
2360	SPV.0060	Special 08. Removing Valve Manhole	EACH	3.000	3.000
2370	SPV.0060	Special 09. Existing Manhole Casting Adjustment	EACH	3.000	3.000
2380	SPV.0060	Special 10. Existing Valve Box Adjustment	EACH	2.000	2.000
2390	SPV.0060	Special 11. Relocating Existing Fire Hydrant	EACH	4.000	4.000
2400	SPV.0060	Special 12. Valve Box for Existing Water Valve	EACH	2.000	2.000
2620	SPV.0085	Special 01. Water Main Fittings - Ductile Iron	LB	897.000	897.000
2630	SPV.0090	Special 01. Water Main Ductile Iron, 6-Inch	LF	180.000	180.000
2640	SPV.0090	Special 02. Water Main Ductile Iron, 8-Inch	LF	1,200.000	1,200.000
2650	SPV.0090	Special 03. Water Service, 1-Inch Copper	LF	709.000	709.000
2660	SPV.0090	Special 04. Remove or Abandon Water Main	LF	1,424.000	1,424.000
2670	SPV.0090	Special 05. Construction Staking Water Main	LF	1,380.000	1,380.000

3

3

FIRE HYDRANT — SPV.0060.01

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	222+07, 56' RT	1
0010	QUINCY STREET	10+76, 50' LT	1
		TOTAL	2

WATER VALVE AND BOX — SPV.0060.02 6-INCH — SPV.0060.03 8-INCH

CAT.	STREET	STATION	6-INCH	8-INCH
0010	2ND AVE/STH 35	217+03, 23' RT		1
0010	2ND AVE/STH 35	222+07, 49' RT	1	
0010	ROYAL STREET	21+12, 8' LT		1
0010	QUINCY STREET	10+72, 24' LT	1	
0010	QUINCY STREET	11+00, 12' LT	1	
		TOTAL	3	2

CORPORATION STOP — SPV.0060.04 1-INCH

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	210+93, RT	1
0010	2ND AVE/STH 35	211+63, RT	1
0010	2ND AVE/STH 35	213+92, RT	1
0010	2ND AVE/STH 35	215+20, RT	1
0010	2ND AVE/STH 35	218+54, RT	1
0010	2ND AVE/STH 35	220+00, RT	1
0010	2ND AVE/STH 35	220+56, RT	1
0010	2ND AVE/STH 35	220+80, LT	1
0010	2ND AVE/STH 35	221+01, RT	1
0010	ROYAL STREET	20+66, LT	1
0010	ROYAL STREET	20+66, LT	1
0010	ROYAL STREET	20+77, LT	1
		TOTALS	12

CURB STOP AND BOX — SPV.0060.05 1-INCH

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	210+93, RT	1
0010	2ND AVE/STH 35	211+63, RT	1
0010	2ND AVE/STH 35	213+92, RT	1
0010	2ND AVE/STH 35	215+20, RT	1
0010	2ND AVE/STH 35	218+54, RT	1
0010	2ND AVE/STH 35	220+00, RT	1
0010	2ND AVE/STH 35	220+56, RT	1
0010	2ND AVE/STH 35	220+80, LT	1
0010	2ND AVE/STH 35	221+01, RT	1
0010	ROYAL STREET	20+66, LT	1
0010	ROYAL STREET	20+66, LT	1
0010	ROYAL STREET	20+77, LT	1
		TOTALS	12

REMOVING FIRE HYDRANT — SPV.0060.06

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	216+90, 48' RT	1
0010	ROYAL STREET	20+69, 21' LT	1
		TOTAL	2

REMOVING VALVE BOX — SPV.0060.07

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	217+69, 26' RT	1
0010	ROAYL STREET	21+69, 1' LT	1
		TOTAL	2

REMOVING VALVE MANHOLE — SPV.0060.08

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	276+61, 49' RT	1
0010	2ND AVE/STH 35	284+72, 34' RT	1
0010	QUINCY STREET	10+71, 16' LT	1
		TOTAL	3

EXISTING MANHOLE CASTING ADJUSTMENT — SPV.0060.09

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	237+90, 29' RT	1
0010	2ND AVE/STH 35	241+93, 37' RT	1
0010	2ND AVE/STH 35	276+50, 41' RT	1
		TOTAL	3

EXISTING VALVE BOX ADJUSTMENT — SPV.0060.10

CAT.	STREET	STATION	EACH
0010	2ND AVE/STH 35	287+66, 38' RT	1
0010	2ND AVE/STH 35	290+30, 20' RT	1
		TOTAL	2

WATER MAIN FITTINGS - DUCTILE IRON

SPV.0085.01

CAT.	STREET	STATION	LBS	DESCRIPTION
0010	2ND AVE/STH 35	210+72, 15' RT	43	8" 22.5° BEND
0010	2ND AVE/STH 35	210+89, 15' RT	17	6" CAP
0010	2ND AVE/STH 35	210+91, 8' RT	43	8" 22.5° BEND
0010	2ND AVE/STH 35	217+18, 23' RT	43	8" 22.5° BEND
0010	2ND AVE/STH 35	217+46, 28' RT	80	8"x6" TEE
0010	2ND AVE/STH 35	217+71, 33' RT	43	8" 22.5° BEND
0010	2ND AVE/STH 35	221+83, 29' RT	43	8" 45° BEND
0010	2ND AVE/STH 35	221+96, 42' RT	43	8" 45° BEND
0010	2ND AVE/STH 35	222+07, 42' RT	90	8" TEE
0010	2ND AVE/STH 35	222+18, 42' RT	43	8" 22.5° BEND
0010	2ND AVE/STH 35	276+11, 69, RT	28	6" SOLID SLEEVE
0010	2ND AVE/STH 35	280+31, 40' RT	28	6" SOLID SLEEVE
0010	2ND AVE/STH 35	287+66, 38' RT	28	6" SOLID SLEEVE
0010	2ND AVE/STH 35	287+80, 30' RT	28	6" 45° BEND
0010	2ND AVE/STH 35	290+65, 20' RT	28	6" 90° BEND
0010	ROYAL STREET	20+99, 8' LT	43	8" 45° BEND
0010	ROYAL STREET	21+38, 8' LT	43	8" 45° BEND
0010	ROYAL STREET	21+45, 1' LT	43	8" 45° BEND
0010	ROYAL STREET	21+69. 1' LT	60	8"x6" REDUCER
0010	QUINCY STREET	10+71, 16' LT	80	6"x6" TEE
		TOTAL	**897**	

1-INCH COPPER

WATER SERVICE

SPV.0090.03

CAT.	STREET	STATION	1-INCH LF
0010	2ND AVE/STH 35	210+93, RT	53
0010	2ND AVE/STH 35	211+63, RT	57
0010	2ND AVE/STH 35	213+92, RT	63
0010	2ND AVE/STH 35	215+20, RT	48
0010	2ND AVE/STH 35	218+54, RT	41
0010	2ND AVE/STH 35	220+00, RT	54
0010	2ND AVE/STH 35	220+56, RT	54
0010	2ND AVE/STH 35	220+80, LT	140
0010	2ND AVE/STH 35	221+01, RT	64
0010	ROYAL STREET	20+66, LT	47
0010	ROYAL STREET	20+66, LT	47
0010	ROYAL STREET	20+77, LT	41
		TOTALS	**709**

WATER MAIN - DUCTILE IRON

CAT.	STREET	STATION TO STATION	SPV.0090.01 6-INCH LF	SPV.0090.02 8-INCH LF
0010	2ND AVE/STH 35	210+53, 15' RT - 210+72, 15' RT		19
0010	2ND AVE/STH 35	210+72, 15' RT - 210+91, 8' RT		20
0010	2ND AVE/STH 35	210+91, 8' RT - 217+03, 23' RT		525
0010	2ND AVE/STH 35	217+03, 23' RT - 217+18, 23' RT		15
0010	2ND AVE/STH 35	217+18, 23' RT - 217+46, 28' RT		29
0010	2ND AVE/STH 35	217+46, 28' RT - 217+71, 33' RT		25
0010	2ND AVE/STH 35	217+71, 33' RT - 221+83, 29' RT		410
0010	2ND AVE/STH 35	221+83, 29' RT - 221+96, 42' RT		18
0010	2ND AVE/STH 35	221+96, 42' RT - 222+07, 42' RT		11
0010	2ND AVE/STH 35	222+07, 42' RT - 222+07, 49' RT	7	
0010	2ND AVE/STH 35	222+07, 49' RT - 222+07, 56' RT	7	
0010	2ND AVE/STH 35	222+07, 42' RT - 222+18, 42' RT		11
0010	2ND AVE/STH 35	275+94, 71' RT - 276+11, 69' RT	17	
0010	2ND AVE/STH 35	280+31, 39' RT - 280+31, 45' RT	6	
0010	2ND AVE/STH 35	287+58, 39' RT - 287+79, 35' RT	20	
0010	2ND AVE/STH 35	287+79, 35' RT - 287+99, 54' RT	27	
0010	2ND AVE/STH 35	290+65, 20' RT - 290+65, 27' RT	7	
0010	ROYAL STREET	20+65, 23' RT - 20+99, 8' LT		47
0010	ROYAL STREET	20+99, 8' LT - 21+12, 8' LT		12
0010	ROYAL STREET	21+12, 8' LT - 21+38, 8' LT		26
0010	ROYAL STREET	21+38, 8' LT - 21+45, 1' LT		9
0010	ROYAL STREET	21+45, 1' LT - 21+69, 1' LT		23
0010	QUINCY STREET	10+48, 20' LT - 10+71, 16' LT	25	
0010	QUINCY STREET	10+71, 16' LT - 10+76, 50' LT	35	
0010	QUINCY STREET	10+71, 16' LT - 11+00, 12' LT	29	
		TOTAL	**180**	**1200**

REMOVED OR ABANDONED WATER MAIN

SPV.0090.04

CAT.	STREET	STATION	LF
0010	2ND AVE/STH 35	210+53, 15' RT - 222+49, 17' RT	1,194
0010	QUINCY STREET	10+50, 20' LT - 11+00, 12' LT	54
0010	QUINCY STREET	10+50, 22' RT - 10+70, 33' RT	19
0010	ROYAL STREET	20+31, 1' RT - 21+68, 1' LT	137
0010	ROYAL STREET	20+70, 0' RT - 20+70, 20' LT	20
		TOTALS	**1,424**

CONSTRUCTION STAKING WATER MAIN

SPV.0090.05

CAT.	STREET	STATION	LF
0010	2ND AVE/STH 35	210+53, 15' RT - 222+49, 17' RT	1,174
0010	QUINCY STREET	10+50, 20' LT - 11+00, 12' LT	89
0010	ROYAL STREET	20+31, 1' RT - 21+68, 1' LT	117
		TOTALS	**1380**

0 25 50
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'

N

NOTE:
STATION AND OFFSETS ARE REFERENCED OFF THE NORTHBOUND REFERENCE LINE UNLESS OTHERWISE NOTED.

STA 210+72, 15' RT
8" 22.5° FITTING.

STA 210+91, 8' RT
8" 22.5° FITTING.

STA. 210+53, 15' RT
CONNECT TO EXISTING 8" GATE VALVE. VALVE SHALL REMAIN CLOSED UNTIL AFTER WATER MAIN TESTING.

STA. 210+89, 15' RT
PLACE 6" CAP IN EXISTING 6" WATER MAIN AND PROVIDE THRUST RESTRAINT.

8" D.I. WATER MAIN

STA. 211+63, RT
REPLACE EXISTING WATER SERVICE. PROVIDE NEW CORP STOP, CURB STOP AND BOX, AND 1" COPPER.

STA. 210+93, RT
REPLACE EXISTING WATER SERVICE. PROVIDE NEW CORP STOP, CURB STOP AND BOX, AND 1" COPPER.

POPLAR ST

602

608

OH

211+00

212+00

5

5

VP

VP

EXISTING GROUND

NB PROFILE

8" D.I. WATER MAIN

715

710

705

700

715.25
715.21

715.73
715.55

715.89
715.83

716.22
716.04

716.34
716.19

716.39
716.27

210+00 210+50 211+00 211+50 212+00 212+50

PROJECT NO: 7190-06-80	HWY: STH 35	COUNTY : LA CROSSE	WATER MAIN PLAN AND PROFILE	SHEET 7	E

FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'

NOTE:
STATION AND OFFSETS ARE REFERENCED OFF THE NORTHBOUND REFERENCE LINE UNLESS OTHERWISE NOTED.

8" D.I. WATER MAIN

STA. 213+92, RT
REPLACE EXISTING WATER SERVICE.
PROVIDE NEW CORP STOP, CURB STOP AND BOX, AND 1" COPPER SERVICE.

STA. 215+20, RT
REPLACE EXISTING WATER SERVICE.
PROVIDE NEW CORP STOP, CURB STOP AND BOX, AND 1" COPPER SERVICE.

STA. 10+71 Q, 16' LT
REMOVE EXISTING VALVE AND MANHOLE.
INSTALL NEW 6"x6" TEE FITTING.

STA. 216+90, 48' RT
REMOVE HYDRANT AND HYDRANT VALVE.

STA. 217+03, 23' RT
8" GATE VALVE & BOX

STA. 217+18, 23' RT
8" 22.5° FITTING

STA. 217+69, 26' RT
CLOSE EXISTING VAVLE AND REMOVE BOX.

STA. 217+71, 33' RT
8" 22.5° FITTING.

STA. 217+46, 28' RT
8"x6" TEE FITTING
PLACE AT INVERT ELEVATION 701.75.
NEW WATER MAIN WILL BE INSTALLED UNDER EXISTING MAIN.

STA. 10+72 Q, 24' LT
6" HYDRANT GATE VALVE AND BOX.

STA. 10+76 Q, 50' LT
INSTALL FIRE HYDRANT BEHIND SIDEWALK

STA. 11+00 Q, 12' LT
CONNECT TO EXISTING 6" WATER MAIN WITH 6" GATE VALVE AND BOX.

STA. 218+54, RT
REPLACE EXISTING WATER SERVICE.
PROVIDE NEW CORP STOP, CURB STOP AND BOX, AND 1" COPPER SERVICE.

11+00 QUINCY ST

SHADOW LODGE

620 628 644 648 710

213+00 214+00 215+00 216+00 217+00 218+00 219+00

EXISTING GROUND
NB PROFILE
8" D.I. WATER MAIN
212+87.22
716.29

K = 380.89
VCL 1200.00

8" D.I WATER MAIN INVERT = 701.75 AT STA 217+46. NEW 8" WATER MAIN TO BE INSTALLED UNDER EXISTING 6" WATER MAIN.

VPT STA 218+85.00
VPT EL 711.600

715 710 705 700

716.39 716.27 | 716.56 716.29 | 716.54 716.24 | 716.39 716.12 | 716.23 716.29 | 715.91 715.70 | 715.50 715.38 | 715.01 715.01 | 714.55 714.56 | 713.54 714.05 | 713.54 713.48 | 712.88 712.84 | 712.13 712.13 | 711.50 711.36 | 710.78 710.58

212+50 213+00 213+50 214+00 214+50 215+00 215+50 216+00 216+50 217+00 217+50 218+00 218+50 219+00 219+50

PROJECT NO: 7190-06-80	HWY: STH 35	COUNTY : LA CROSSE	WATER MAIN PLAN AND PROFILE	SHEET 8	E

5 5

STA. 220+81, 44' LT
LOCATED NEW CURB STOP
IN ISLAND

STA 222+07, 42' RT
8"x6" TEE FITTING.

NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.

FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'

STA 221+96, 42' RT
8' 45° FITTING.

STA 222+18, 42' RT
8" 22.5° FITTING.

8" D.I. WATER MAIN

STA 221+83, 29' RT
8' 45° FITTING.

ROYAL ST

STA. 222+07, 49' RT
6' HYDRANT GATE
VALVE & BOX

STA. 220+81, LT
REPLACE EXISTING
WATER SERVICE.
PROVIDE NEW CORP STOP,
CURB STOP AND BOX,
AND 1" COPPER SERVICE.
NEW CURB STOP SHALL BE
LOCATED AT 220+81, 44' LT.
EXTEND AND CAP NEW SERVICE
TO 220+81, 120 LT.

NEW WATER
SERVICE INSTALLED
AT 221+00 TO MISS
EXISTING TREES

STA. 222+07, 56'RT
INSTALL FIRE HYDRANT
AND REMOVE LANDSCAPING.

STA. 20+66 R LT, & 20+77 R LT
REPLACE EXISTING WATER SERVICES.
PROVIDE NEW CORP STOP, CURB STOP AND BOX,
AND 1" COPPER SERVICE FOR EACH SERVICE..

STA. 20+69 R, 21' LT
REMOVE HYDRANT AND
HYDRANT VALVE.

8" D.I. WATER MAIN TO
BE INSTALLED UNDER
EXISTING 6" WATER MAIN.

STA 20+99 R, 8' LT
8' 45° FITTING.

STA. 21+12 R, 8' RT
8' GATE VALVE & BOX

STA 21+38 R, 8' LT
8' 45° FITTING.

STA 21+45 R, 1' LT
8' 45° FITTING.

STA. 220+00 RT, 220+56 RT, 221+01 RT
REPLACE EXISTING WATER SERVICES.
PROVIDE NEW CORP STOP,CURB STOP AND BOX,
AND 1" COPPER SERVICE FOR EACH SERVICE..

STA 21+69 R, 1' LT
REMOVE EXISTING VALVE BOX. CONNECT TO
EXISTING 6" WATER MAIN WITH 8"x6" REDUCER FITTING.

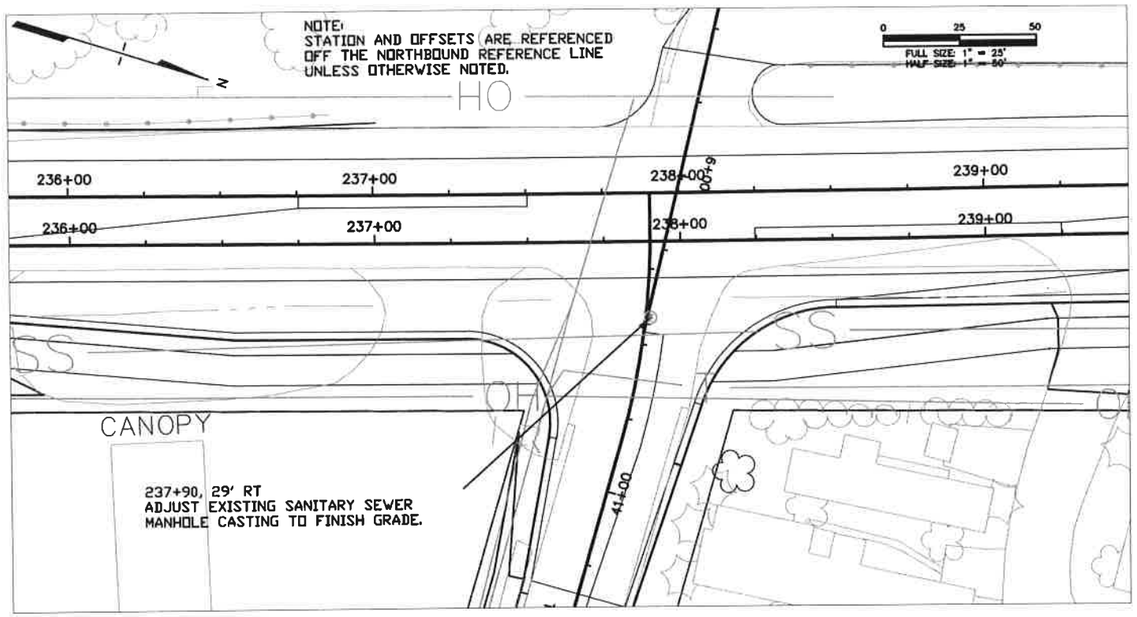
NOTE:
EXISTING TREES AT STATION 221+30 44' RT AND 221+73 43' RT
ARE TO REMAIN. CONTRACTOR TO TAKE CARE TO AVOID DAMAGING
TREES IF AT ALL POSSIBLE.

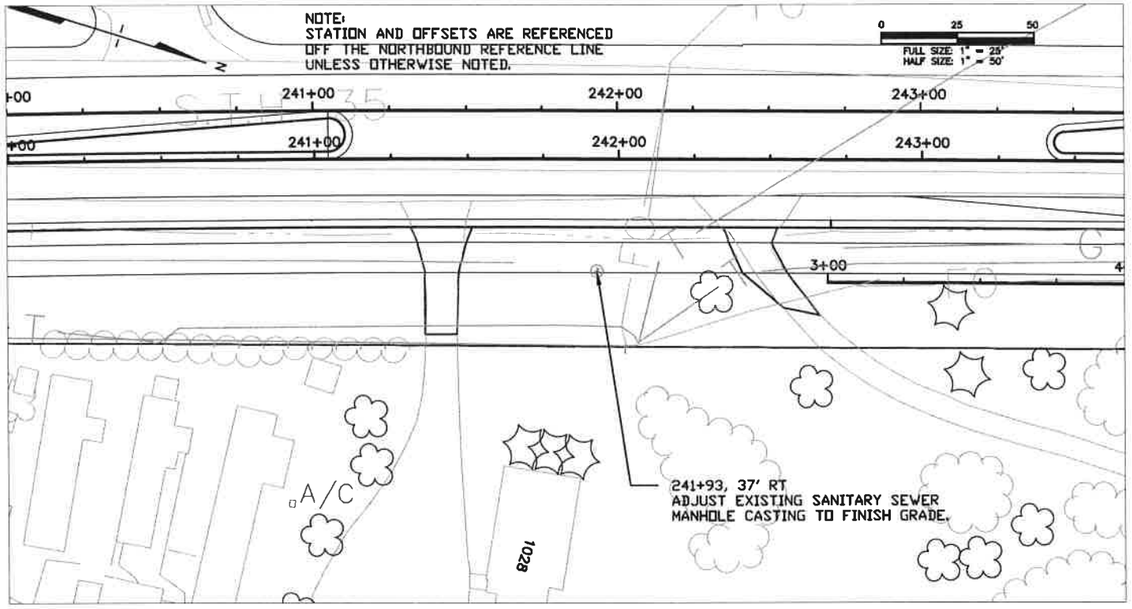
SHADOW RUN LODGE
716 BLUE MOON
806
812
824
826
A/C

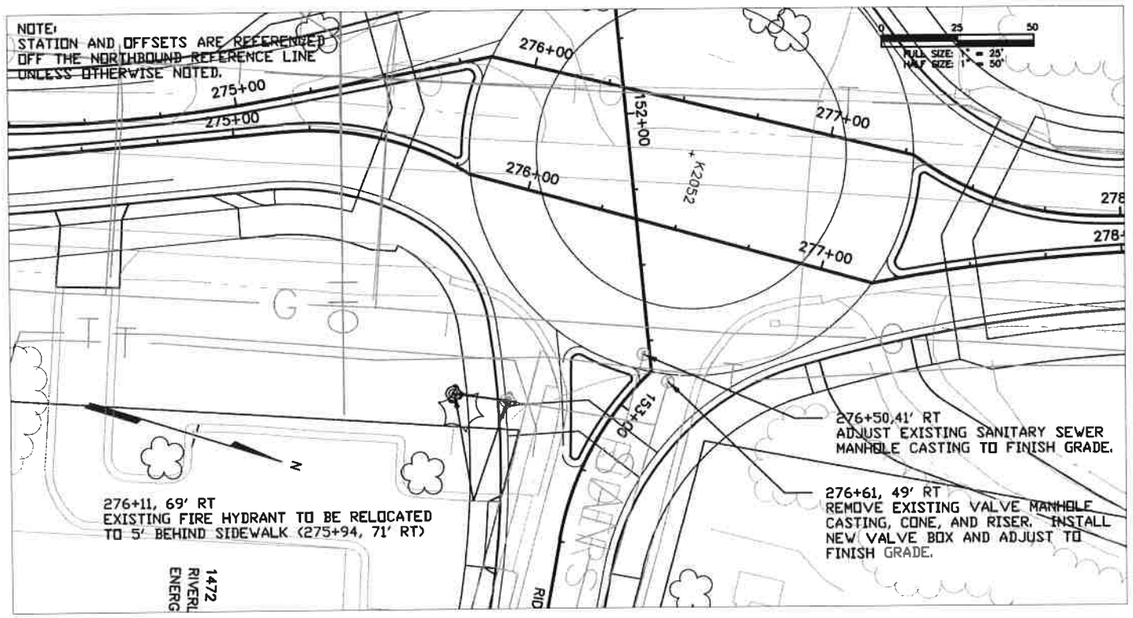
EXISTING GROUND
NB PROFILE
8" D.I. WATER MAIN
1.5 %
VCL 500.00
K = 2565.22
VPC STA 223+56.00
VPC EL704.224
VPC STA 226+05.00
EL700.300

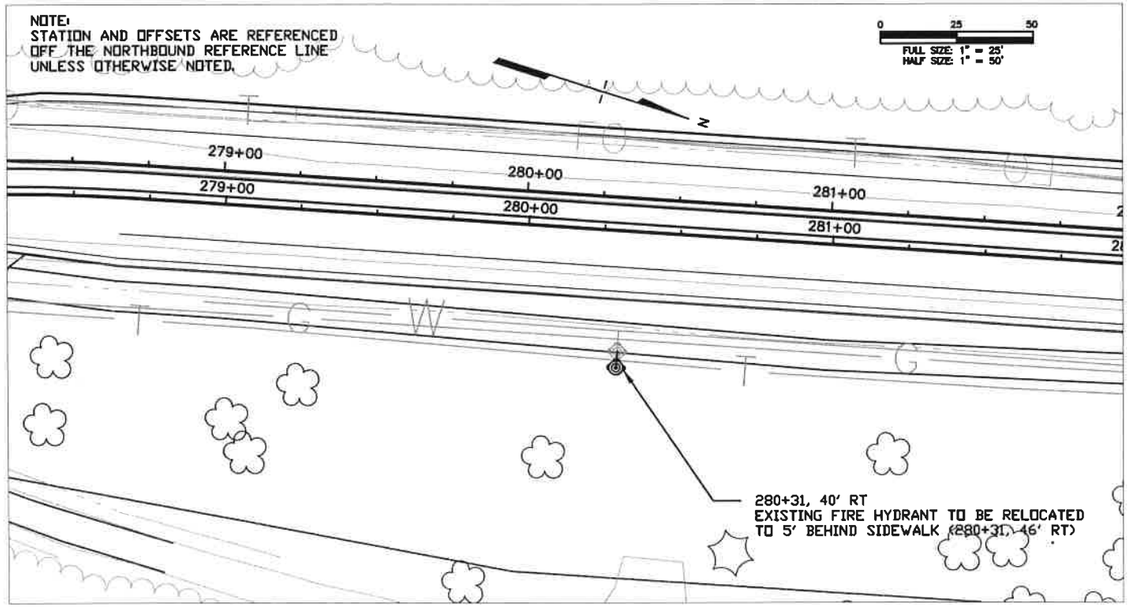
219+50	220+00	220+50	221+00	221+50	222+00	222+50	223+00	223+50	224+00	224+50	225+00	225+50	226+00	226+50
710.78	709.91	709.09	708.23	707.53	706.63	705.81	704.96	704.01	703.28	702.46	701.56	700.94	700.09	699.27
710.58	709.80	709.01	708.23	707.44	706.66	705.87	705.09	704.30	703.52	702.75	701.99	701.24	700.50	701.24

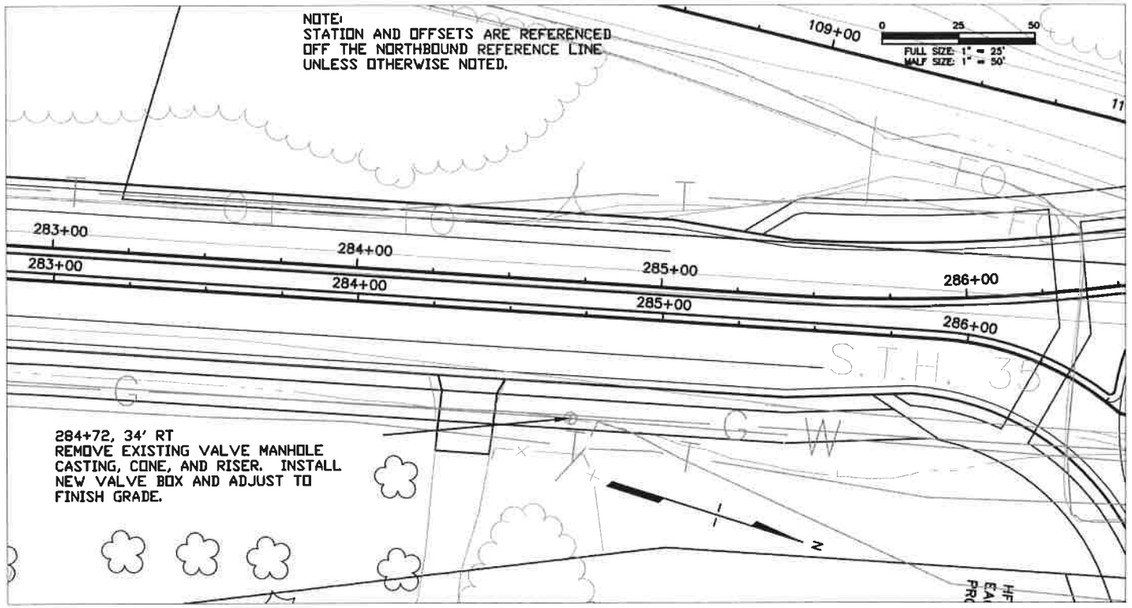
PROJECT NO: 7190-06-80 | HWY: STH 35 | COUNTY : LA CROSSE | WATER MAIN PLAN AND PROFILE | SHEET 9 | E

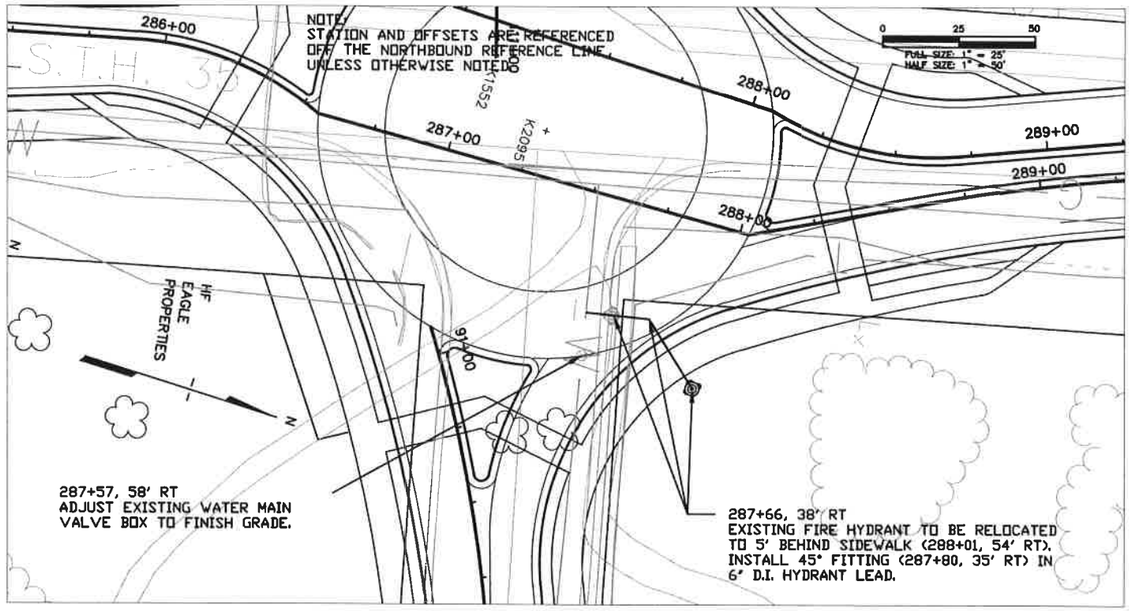

NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
236+00
237+00
238+00
239+00
CANOPY
237+90, 29' RT
ADJUST EXISTING SANITARY SEWER
MANHOLE CASTING TO FINISH GRADE.

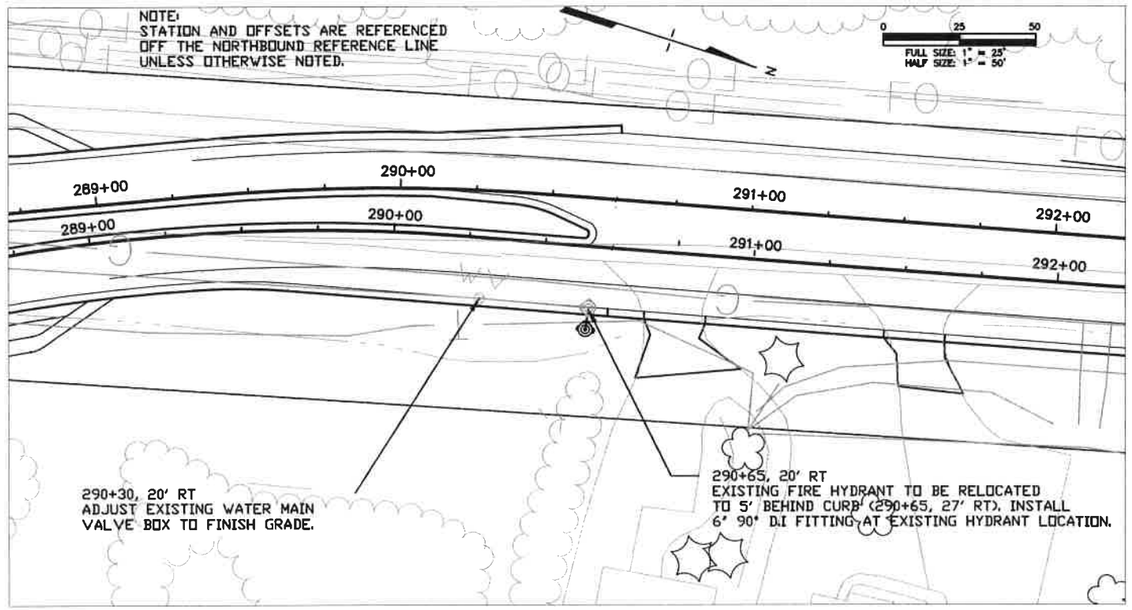

NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
241+00
242+00
243+00
A/C
241+93, 37' RT
ADJUST EXISTING SANITARY SEWER
MANHOLE CASTING TO FINISH GRADE.


NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
275+00
276+00
277+00
K2052
276+11, 69' RT
EXISTING FIRE HYDRANT TO BE RELOCATED
TO 5' BEHIND SIDEWALK (275+94, 71' RT)
276+50, 41' RT
ADJUST EXISTING SANITARY SEWER
MANHOLE CASTING TO FINISH GRADE.
276+61, 49' RT
REMOVE EXISTING VALVE MANHOLE
CASTING, CONE, AND RISER. INSTALL
NEW VALVE BOX AND ADJUST TO
FINISH GRADE.


NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
279+00
280+00
281+00
280+31, 40' RT
EXISTING FIRE HYDRANT TO BE RELOCATED
TO 5' BEHIND SIDEWALK (280+31, 46' RT)


NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
0 25 50
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
109+00
283+00
283+00
284+00
284+00
285+00
285+00
286+00
286+00
S.T.H. 35
284+72, 34' RT
REMOVE EXISTING VALVE MANHOLE
CASTING, CONE, AND RISER. INSTALL
NEW VALVE BOX AND ADJUST TO
FINISH GRADE.
N


NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
0 25 50
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
286+00
287+00
288+00
288+00
289+00
289+00
S.T.H. 35
K2095
K1552
HF EAGLE PROPERTIES
91+00
N
287+57, 58' RT
ADJUST EXISTING WATER MAIN
VALVE BOX TO FINISH GRADE.
287+66, 38' RT
EXISTING FIRE HYDRANT TO BE RELOCATED
TO 5' BEHIND SIDEWALK (288+01, 54' RT).
INSTALL 45° FITTING (287+80, 35' RT) IN
6' D.I. HYDRANT LEAD.


NOTE:
STATION AND OFFSETS ARE REFERENCED
OFF THE NORTHBOUND REFERENCE LINE
UNLESS OTHERWISE NOTED.
0 25 50
FULL SIZE: 1" = 25'
HALF SIZE: 1" = 50'
N
289+00
289+00
290+00
290+00
291+00
291+00
292+00
292+00
290+30, 20' RT
ADJUST EXISTING WATER MAIN
VALVE BOX TO FINISH GRADE.
290+65, 20' RT
EXISTING FIRE HYDRANT TO BE RELOCATED
TO 5' BEHIND CURB (290+65, 27' RT). INSTALL
6' 90° D.I FITTING AT EXISTING HYDRANT LOCATION.

Wisconsin Department of Transportation

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LAX

DEC 2015

PROJECT ID: 7190-06-81
WITH: 7190-06-71/80

COUNTY: LA CROSSE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	
Section No.	5	Plan and Profile
Section No.	6	
Section No.	7	
Section No.	8	
Section No.	9	
Section No.	9	

TOTAL SHEETS = 52

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ONALASKA–USH 53

POPLAR ST TO USH 53

STH 35

LACROSSE COUNTY

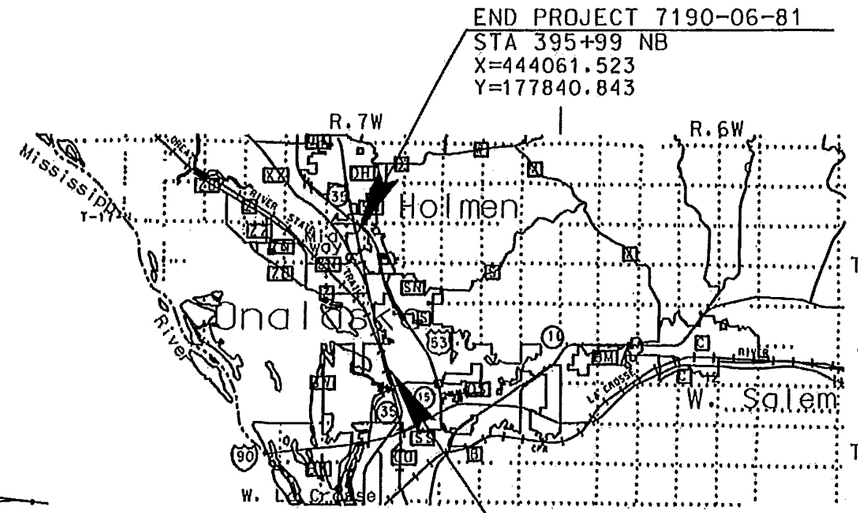
SANITARY

STATE PROJECT NUMBER
7190-06-81

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7190-06-81		







ACCEPTED FOR THE VILLAGE OF HOLMEN:

7/31/15 (DATE) (SIGNATURE)

ORIGINAL PLAN PREPARED BY:

MSA PROFESSIONAL SERVICES — TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL
1230 South Boulevard, Baraboo, WI 53913
(608) 356-2771 Fax: 608-356-2770
www.msa-ps.com

WISCONSIN
BRIAN J. KEHRLI
E-39147
PRAIRIE DU SAC
WI
PROFESSIONAL ENGINEER
July 30, 2015

DESIGN DESIGNATION

A.A.D.T.2014	=	14,333
A.A.D.T.2034	=	17,175
D.H.V. 2034	=	1820
D.D.	=	58/42
T.	=	4.5%
DESIGN SPEED	=	50/60 MPH
ESALS	=	1,372,400

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

LAYOUT SCALE 0 1.8 MI

TOTAL NET LENGTH OF CENTERLINE = 0.000 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), LA CROSSE COUNTY, NAD 83 (1997) ADJUSTMENT." VERTICAL DATUM NAVD 88 1991

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	DOT-SURVEY
Designer	
Project Manager	
Regional Examiner	TODD WALDO
Regional Supervisor	REINY YAHNKE
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 8/3/2015 Todd Waldo (Signature)

E

UTILITY CONTACTS

BRIAN STELPLUGH
CENTURYLINK-COMMUNICATION LINE
333 N. FRONT ST.
P.O. BOX 4800
LA CROSSE, WI 54602
(608) 796-5142 (OFFICE)
(608) 780-1238 (MOBILE)
Brian.stelplugh@centurytel.com

KEVIN SCHUBERT
CITY OF ONALASKA
SEWER/ROAD FACILITY/STREET LIGHTING/WATER
415 N. MAIN ST.
ONALASKA, WI 54650
(608) 781-9537 (OFFICE)
(608) 769-6061 (MOBILE)
kschubert@cityofonalaska.com

TIM HOLTAN
RIVERLAND ENERGY COOPERATIVE - ELECTRICITY
N28988 STATE ROAD 93
P.O. BOX 277
ARCADIA, WI 54612-0277
(608) 323-3381 (OFFICE)
(608) 797-0102 (MOBILE)
tholtan@riverlandenergy.com

JIM KOSTUCH
WINDSTREAM NTI - COMMUNICATION LINE
13935 BISHOPS DRIVE
BROOKFIELD, WI 53005
(262) 792-7938 (OFFICE)
james.kostuch@windstream.com

SCOTT ROBERTS
XCEL ENERGY - ELECTRICITY
3215 COMMERCE STREET
LA CROSSE, WI 54603
(608) 789-3625 (OFFICE)
(608) 518-0806 (MOBILE)
Scott.w.roberts@xcelenergy.com

DAWN SCHULTZ
XCEL ENERGY - OFFICE CONTACT
1414 W. HAMILTON AVE.
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
(715) 737-2482 (OFFICE)
dawn.schultz@xcelenergy.com

PERRY MCCLELLAN
CHARTER COMMUNICATIONS - COMMUNICATION LINE
1228 12TH AVE. S.
P.O. BOX 279
ONALASKA, WI 54650
(715) 370-7140 (OFFICE)
Perry.mcclellan@charter.com

KURT CHILDS
DAIRYLAND POWER COOPERATIVE - ELECTRICITY
3200 EAST AVE. S.
P.O. BOX 817
LA CROSSE, WI 54602
(608) 788-4000 (OFFICE)
(608) 792-3358 (MOBILE)
kdc@dairynet.com

DEAN OLSON
VILLAGE OF HOLMEN - SEWER/WATER
605 EMPIRE ST.
HOLMEN, WI 54636
(608) 526-3513 (OFFICE)
(608) 526-4357 (MOBILE)
kolson@holmenwi.com

BRUCE ZEMKE
XCEL ENERGY - ELECTRICITY/TRANSMISSION
414 NICOLET MALL, MP8-C
MINNEAPOLIS, MN 55401
(612) 330-7815 (OFFICE)
(612) 214-2620 (MOBILE)
bruce.m.zemke@xcelenergy.com

DAN MARTI
XCEL ENERGY - GAS/PETROLEUM
3215 COMMERCE ST.
LA CROSSE, WI 54603
(608) 789-3647 (OFFICE)
Daniel.r.marti@xcelenergy.com

KAREN KALVELAGE
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
WEST CENTRAL REGION
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
(608) 785-9115 (OFFICE)
Karen.Kalvelage@wisconsin.gov

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE, HIGHWAY AND TRANSPORTATION OFFICIALS
AGG.	AGGREGATE
C-C	CENTER TO CENTER
CL-C/L	CENTERLINE
CMCP	CORRUGATED METAL CULVERT PIPE
CONC.	CONCRETE
CPLG	COUPLING
D.I.	DUCTILE IRON
DIM.	DIMENSION
EOP	EDGE OF PAVEMENT
ESTR	EXISTING SIGN TO REMAIN
EX.	EXISTING
FL	FLOW LINE
FM	FORCE MAIN
FT	FEET
HMA	HOT MIX ASPHALT
HYD.	HYDRANT
I.E.	INVERT ELEVATION
IN.	INCH
LF	LINEAL FOOT
LT.	LEFT
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
MM	MILLIMETER
NIC	NOT IN CONTRACT
NO.	NUMBER
NB	NORTHBOUND
PSI	POUNDS PER SQUARE INCHE
PVC	POLYVINYL CHLORIDE
RCCP	REINFORCED CONCRETE CULVERT PIPE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
R/L	REFERENCE LINE
RT.	RIGHT
R/W	RIGHT OF WAY
SAS	SUBGRADE AGGREGATE SEPARATOR
SB	SOUTHBOUND
S.D.D.	STANDARD DETAIL DRAWING
SDR	STANDARD DIMENSION RATIO
SI	SLOPE INTERCEPT
S.S.	STAINLESS STEEL
STA.	STATION
STH	STATE TRUNK HIGHWAY
T.O.P.	TOP OF PIPE
TYP.	TYPICAL

MUNICIPAL CONTACTS

DEAN OLSON
ENGINEER/DIRECTOR OF PUBLIC WORKS
VILLAGE OF HOLMEN
605 EMPIRE ST.
HOLMEN, WI 54636
(608) 526-3513 (OFFICE)
(608) 526-4357 (MOBILE)
kolson@holmenwi.com

DESIGN CONTACTS

BRIAN KEHRLI
SENIOR PROJECT ENGINEER
MSA PROFESSIONAL SERVICES
1230 SOUTH BOULEVARD
BARABOO, WI 53913
(608) 355-8887 (OFFICE)
(608) 963-2476 (MOBILE)
bkehrli@msa-ps.com

GENERAL NOTE:

1. CONTRACTOR TO REFERENCE "VILLAGE OF HOLMEN STANDARD SANITARY SEWER SPECIFICATIONS FOR WISDOT LET PROJECTS" FOR OTHER REQUIREMENTS.

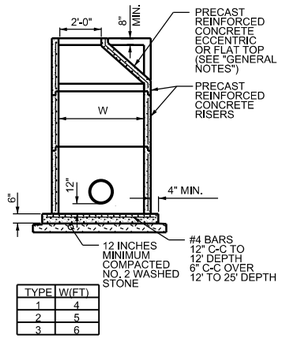
DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	GENERAL NOTES AND CONTACTS	SHEET 2	E

FILE NAME $$....designfile....$$ PLOT DATE :$$...plottingdate...$$ PLOT BY :$$...plotuser...$$ PLOT NAME : PLOT SCALE :$$.....plotscale.....$$

07197035 General Notes.dgn 9/14/2015 8:07:14 AM bkehrli

WISDOT/CADDS SHEET 42

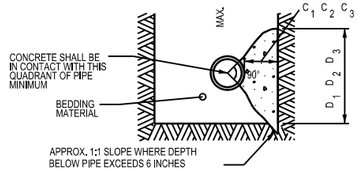


TYPE	W(FT)
1	4
2	5
3	6

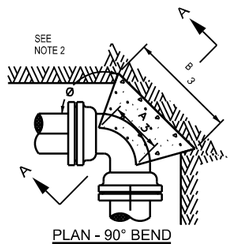
GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 12 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR WASHED STONE. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE. THE STONE SHALL BE WRAPPED WITH GEOTEXTILE FABRIC, TYPE SAS.
4. ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
5. PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.
6. ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
7. DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
   - OPENING SHALL BE 24" FOR R-1550 CASTINGS

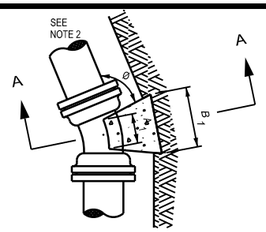
PRECAST REINFORCED CONCRETE MANHOLE DETAIL
SCALE: NONE



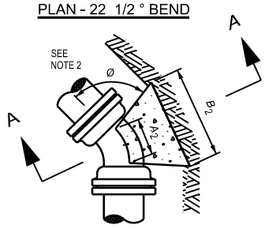
SECTION A-A



PLAN - 90° BEND



PLAN - 22 1/2 ° BEND

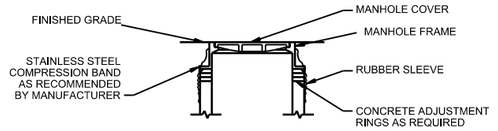


PLAN - 45° BEND

NOTES:
1. DIMENSIONS IN TABLE ARE BASED ON A PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEEDS 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C C C SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION C C C SHOULD BE LARGE AS POSSIBLE WITHOUT INTERFERRING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS. RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

PIPE SIZE	BUTTRESS DIMENSIONS					
	22 1/2 ° BENDS		45° BENDS		90° BENDS	
	B_1	D_1	B_2	D_2	B_3	D_3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

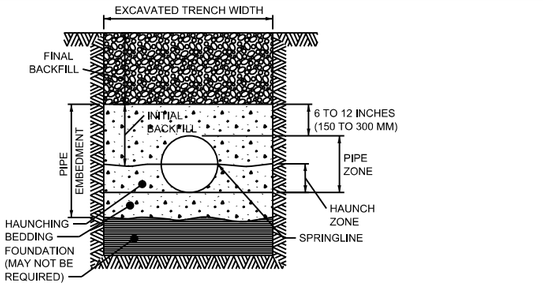
BUTTRESS FOR BENDS DETAIL
SCALE: NONE



GENERAL NOTE:
THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.

EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

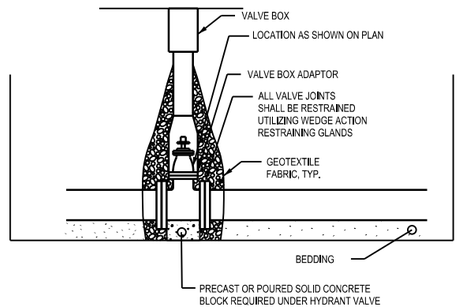
MANHOLE WATERPROOFING DETAIL
SCALE: NONE



GENERAL NOTES:

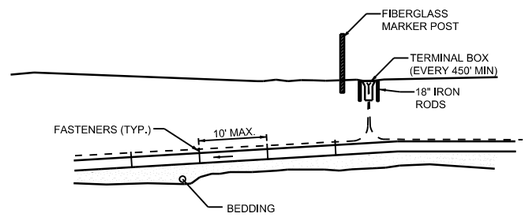
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
3. WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
4. CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
5. INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
6. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
7. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN.
8. EMBEDMENT COMPACTION:
   MINIMUM DENSITY 85% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL
SCALE: NONE



ELEVATION

VALVE AND BOX DETAIL
SCALE: NONE

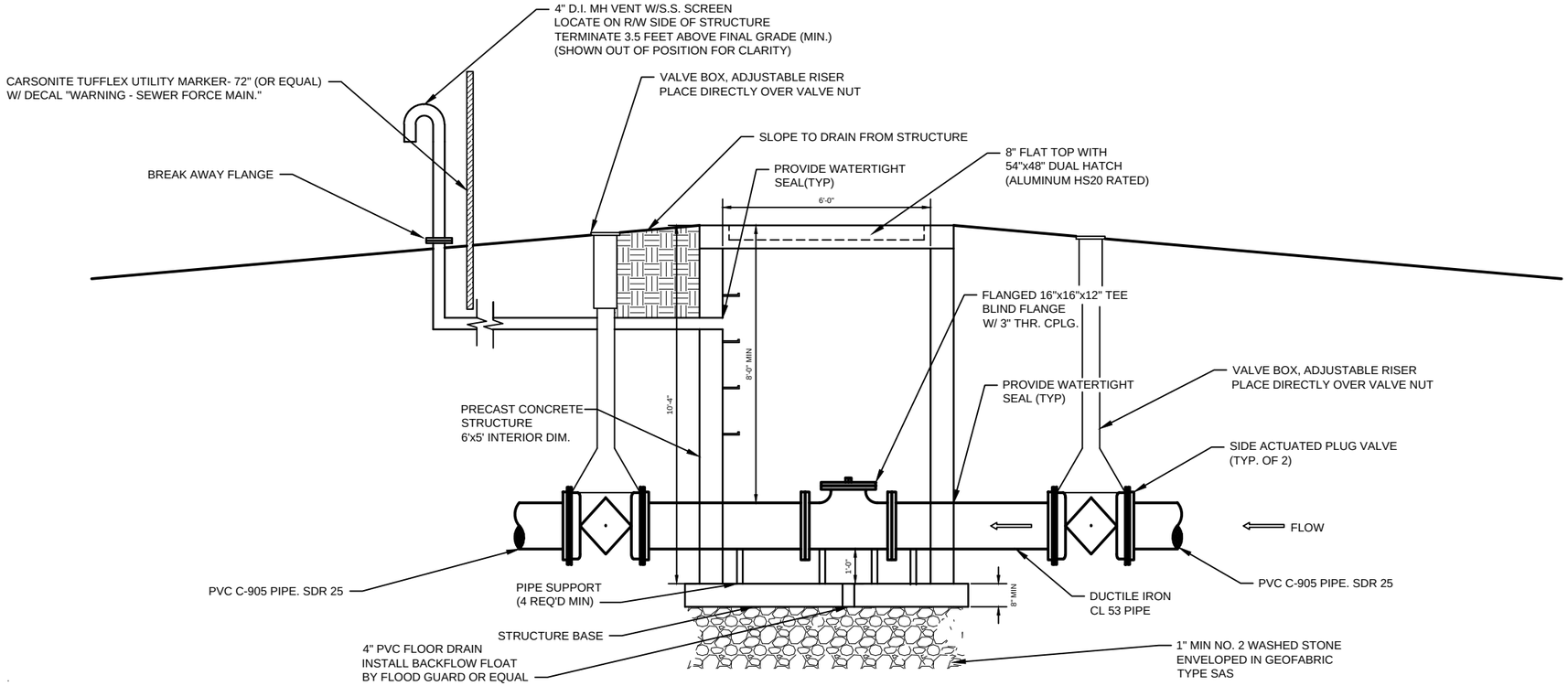


ELEVATION VIEW

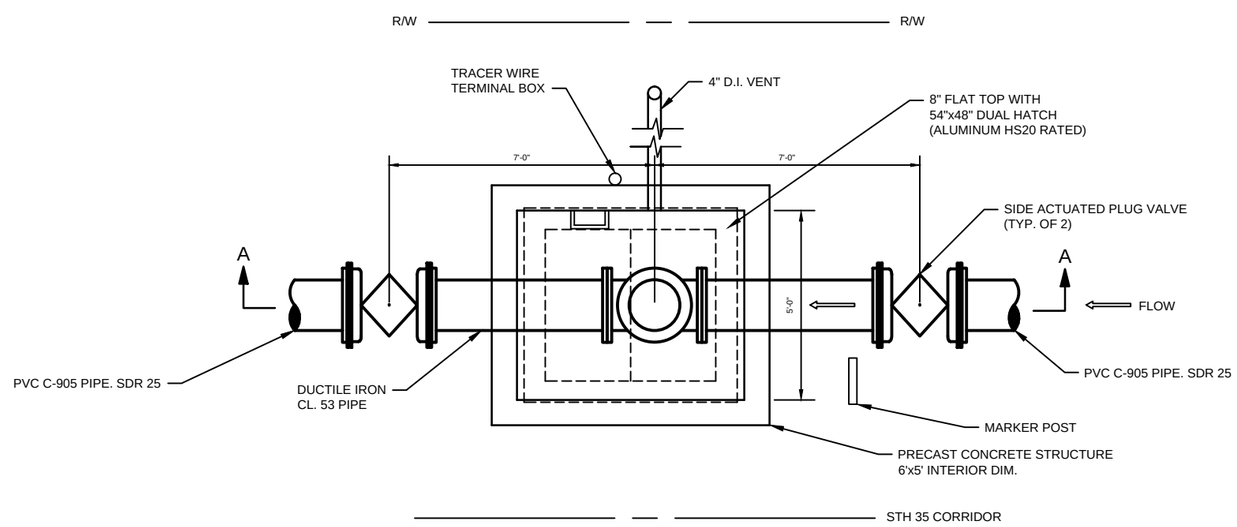
NOTES FOR TRACER WIRE INSTALLATION:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. NO. 12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH THE NON-CONDUCTIVE SERVICE. PIPE TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE FORCE MAIN OR AS DETERMINED BY THE ENGINEER OR OWNER. TRACER WIRE INSTALLATION REQUIRES ACCESS POINTS AT LEAST EVERY 450 FEET.
3. TRACER WIRE SHALL BE RESTRAINED BY CABLE-TIES, TAPE, OR BY NON-CORRESIVE FASTNER APPROVED BY THE OWNER, INSTALLED EVERY 10 FEET ALONG THE MAIN. DO NOT WRAP TRACER WIRE AROUND THE PIPE.
4. TRACER WIRE SHALL RUN, UNINTERRUPTED, FROM TERMINAL BOX TO TERMINAL BOX. THE TERMINAL BOX SHALL BE CAST IRON, INSTALLED FLUSH WITH THE GROUND AND HAVE A LOCKABLE TOP. SPLICES IN TRACER WIRE BETWEEN TERMINAL BOXES IS NOT ALLOWED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION. TERMINAL BOX SHALL BE VALVCO, OR APPROVED EQUAL.
4. THE TERMINAL BOX SHALL HAVE TWO (2) 18-INCH LONG METALLIC RODS INSTALLED ADJACENT TO THE LID ALONG WITH A FLEXIBLE FIBER GLASS UTILITY MARKER WITH THE WORDS "WARNING - SEWER FORCE MAIN".

SANITARY FORCE MAIN TRACER WIRE DETAIL
SCALE: NONE

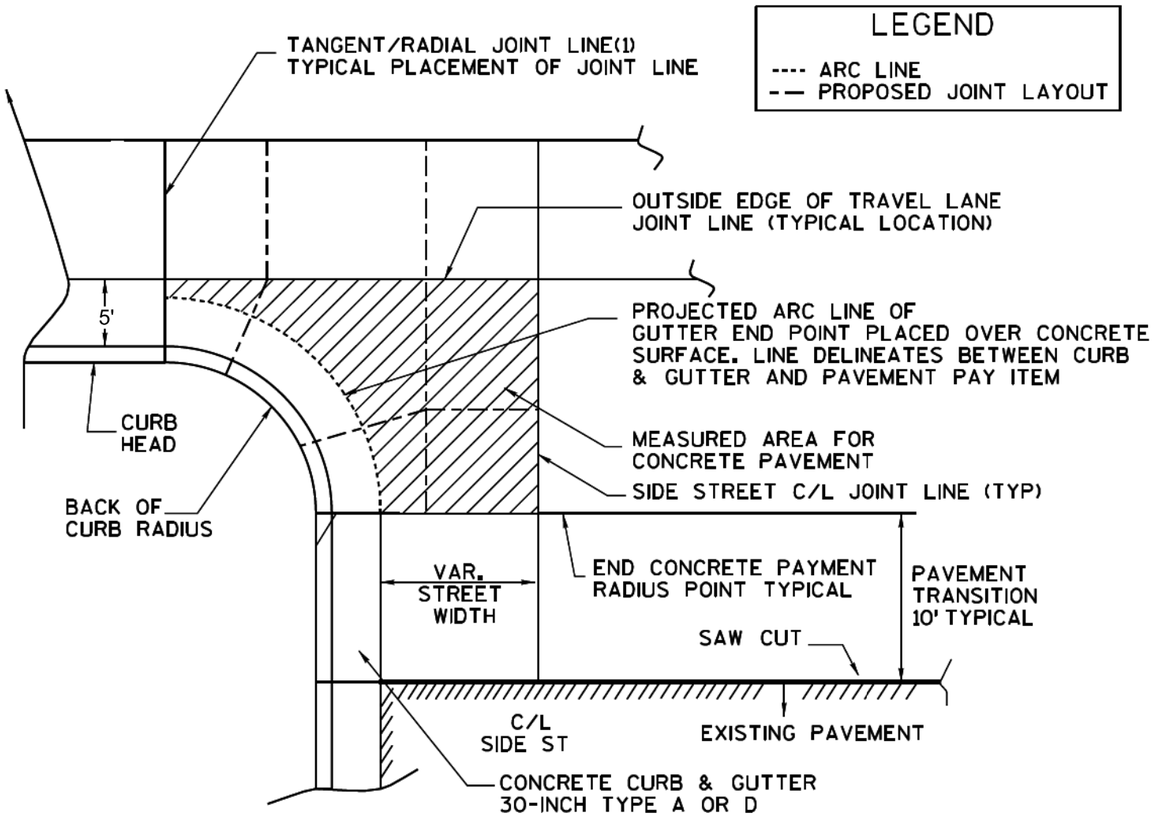


A AIR VALVE MANHOLE



AIR VALVE MANHOLE - Plan View

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	TYPICAL SECTIONS AND DETAILS	SHEET 4	E



INTERSECTION JOINT RESTRICTIONS AND BID ITEM DELINEATION

FOR POPLAR STREET INTERSECTION ONLY

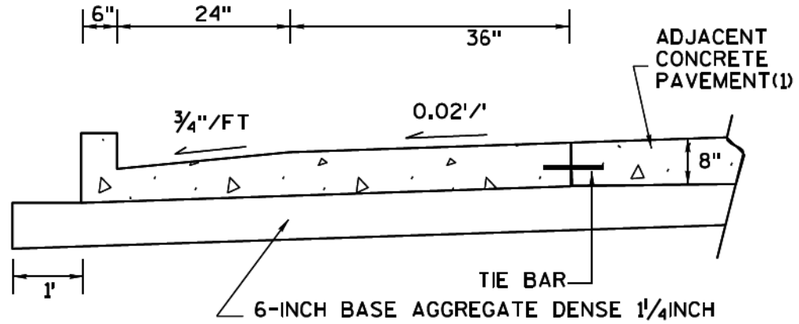
NOTES:

(1) AT ADJOINING SIDE STREET INTERSECTIONS, THE JOINT LINE PLACEMENT IS RESTRICTED BEYOND THE TANGENT/RADIAL JOINT LINE OR IN THE TURNING RADIUS QUADRANT. THE PROPOSED JOINT LINE LAYOUT INDICATED IN THE TURNING RADIUS AREA IS TO BE FOLLOWED IN ORDER TO PREVENT :

-THE PLACEMENT OF PARALLEL JOINT LINES TO THE OUTSIDE EDGE OF THE TRAVEL LANE JOINT LINE.
-THE PLACEMENT OF CURVED JOINT LINES FOR THE GUTTER.
-LIMIT THE PLACEMENT OF SKEWED JOINTS IN THIS AREA THAT ARE LESS THAN 45 DEGREES.

THIS AREA IS UTILIZED BY THE THROUGH MOVEMENT TRAFFIC OF BICYCLIST. REQUIREMENT NECESSARY TO ELIMINATE LONGITUDINAL JOINT LINE RUNNING PARALLEL TO A BICYCLE WHEEL PATH LOCATED WITHIN THE THROUGH MOVEMENT BICYCLE AREA IN THE INTERSECTION.

(2) JOINT LAYOUT ALONG RADIUS IS TO BE REVIEWED BY PROJECT ENGINEER.



NOTES:

(1) CONCRETE CURB AND GUTTER IS TO BE CONSTRUCTED WITH A UNIFORM THICKNESS OF 8-INCHES OR EQUIVALENT ADJACENT PAVEMENT THICKNESS.
(2) NO LONGITUDINAL JOINT LINE WITHIN GUTTER SECTION
(3) AT INTERSECTION, JOIN CONCRETE PAVEMENT AND CONCRETE CURB AND GUTTER AS INDICATED, PAY ITEMS DELINEATED AS SHOWN ON LAYOUT

LEGEND

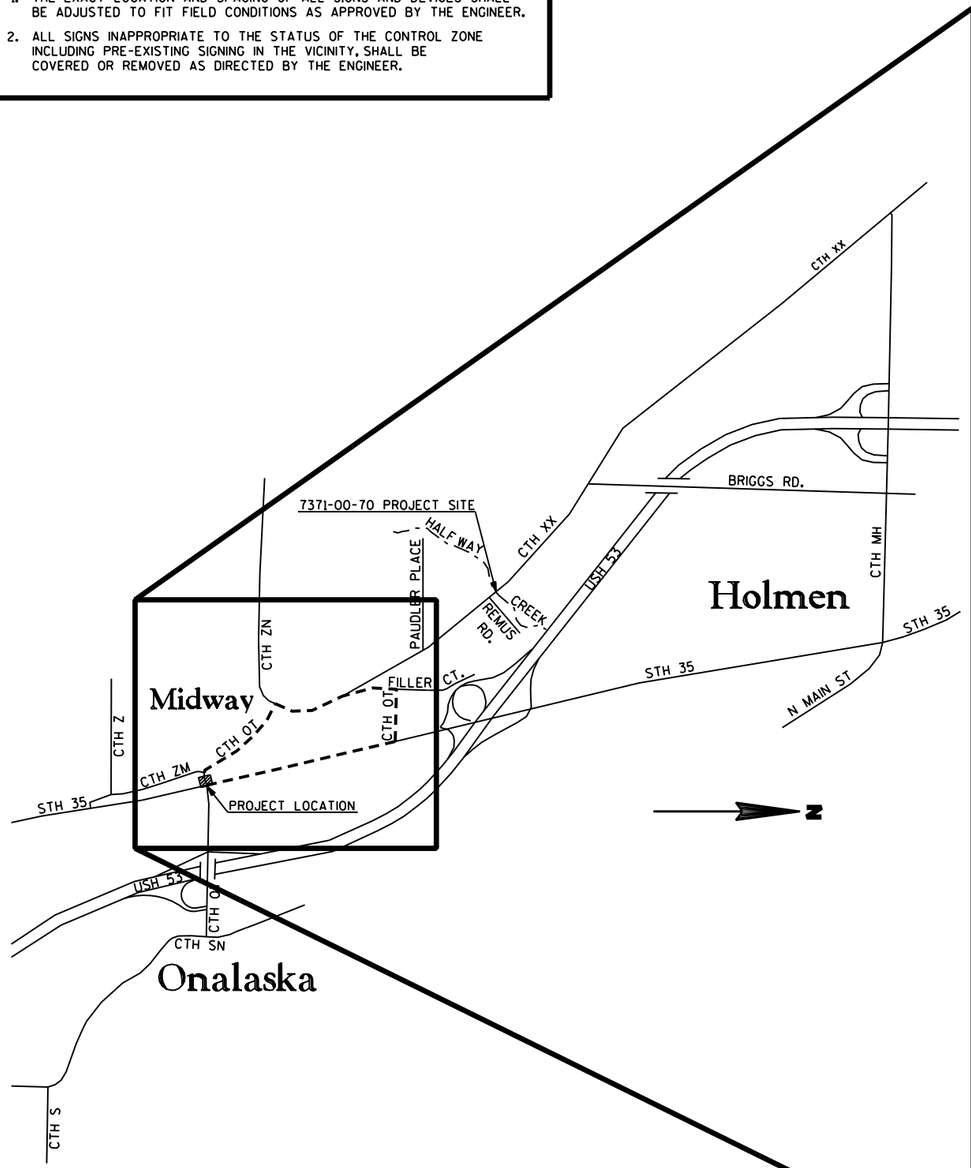
SIGN ON PERMANENT SUPPORT

DETOUR ROUTE

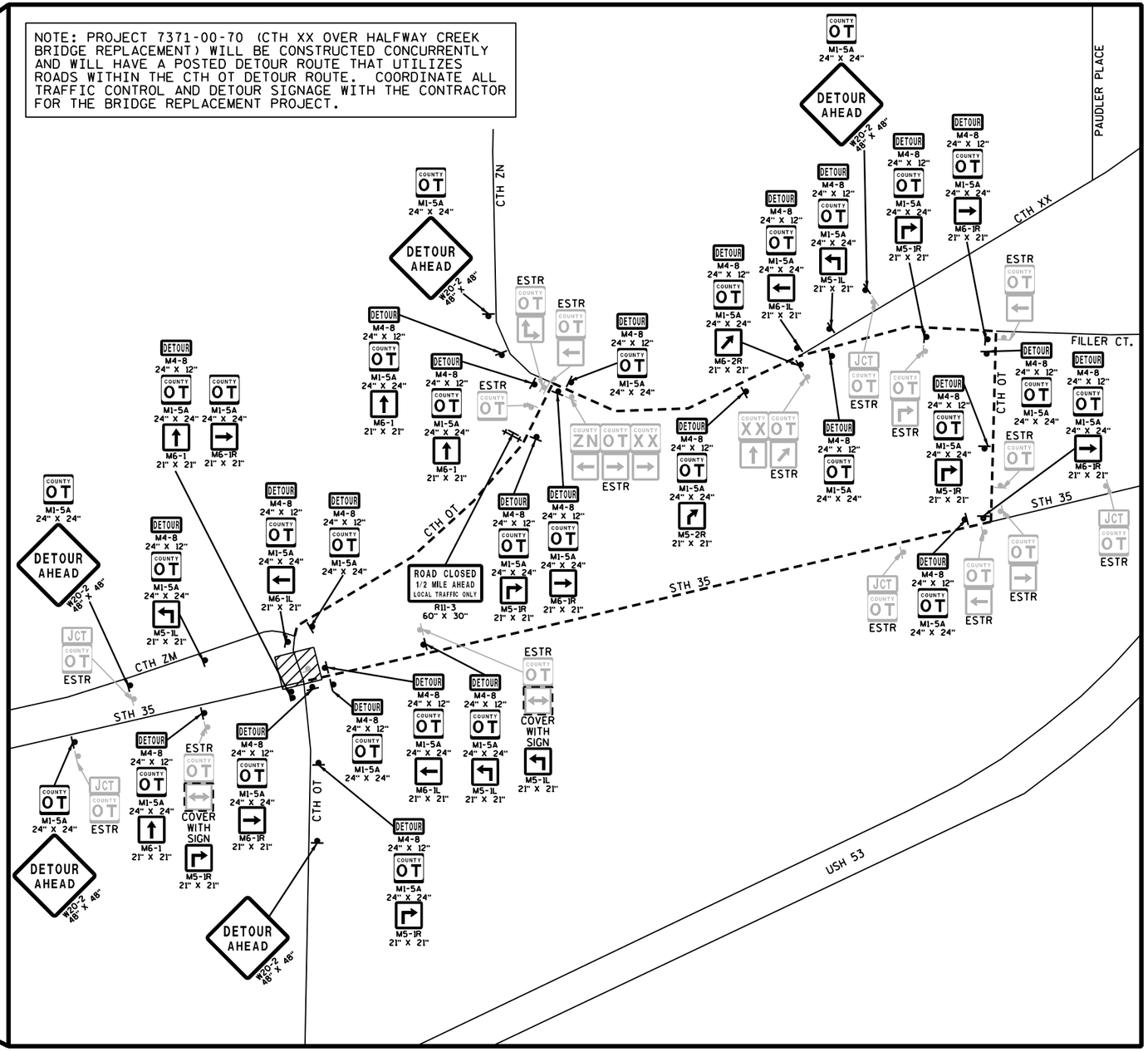
ESTR EXISTING SIGN TO REMAIN

TRAFFIC CONTROL NOTES

1. THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
2. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.



NOTE: PROJECT 7371-00-70 (CTH XX OVER HALFWAY CREEK BRIDGE REPLACEMENT) WILL BE CONSTRUCTED CONCURRENTLY AND WILL HAVE A POSTED DETOUR ROUTE THAT UTILIZES ROADS WITHIN THE CTH OT DETOUR ROUTE. COORDINATE ALL TRAFFIC CONTROL AND DETOUR SIGNAGE WITH THE CONTRACTOR FOR THE BRIDGE REPLACEMENT PROJECT.



PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	DETOUR PLAN	SHEET 6	E

FILE NAME : P:\7100s\7190s\7197\07197035\caddMUNI\Planshts\07197035 Detour Plan.dgn PLOT DATE : 8/17/2015 PLOT BY : jdolens PLOT NAME : PLOT SCALE : 1:5000

WISDOT/CADDS SHEET 42

2

ROAD WORK AHEAD
W20-1
48"X48"

R3-1
24" X 24"

ROAD CLOSED
R11-2
48" X 30"

500'

500'

500'

ROAD CLOSED AHEAD
W20-3
48"X48"

ROAD CLOSED 1000 FT
W20-3
48"X48"

ROAD CLOSED 500 FT
W20-3
48"X48"

NOTE: USE S.D.D "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H." WHEN FORCE MAIN IS BEING INSTALLED ALONG STH 35.

CTH ZM

CTH OT

NOTE: DO NOT PARK OR STORE CONSTRUCTION EQUIPMENT/MATERIALS ON TRAFFIC SIGNAL LOOP DETECTORS DURING CONSTRUCTION OF FORCEMAIN.

LANE CLOSED
R11-2(MOD)
48" X 30"

R3-1
24" X 24"

LANE CLOSED
R11-2(MOD)
48" X 30"

SIGN

SIGN

SIGN

SIGN

50' (TYP.)

25' (TYP.)

STH 35

25' (TYP.)

LANE CLOSED
R11-2(MOD)
48" X 30"

R3-2
24" X 24"

LANE CLOSED
R11-2(MOD)
48" X 30"

FRONTAGE ROAD

WO1-7
48" X 24"

ROAD CLOSED
R11-2
48" X 30"

SIGN

SIGN

SIGN

ROAD CLOSED 500 FT
W20-3
48"X48"

ROAD CLOSED 1000 FT
W20-3
48"X48"

ROAD CLOSED AHEAD
W20-3
48"X48"

500'

500'

500'

COVER WITH SIGN

ONLY

ONLY ONLY

R3-8F
36" X 30"

INDUSTRIAL BOULEVARD

OAK HILLS DRIVE

LEGEND

- WORK AREA
- SIGN ON PERMANENT SUPPORT
- SIGN ON PORTABLE SUPPORT
- TYPE III BARRICADE WITH/WITHOUT SIGN
- TRAFFIC CONTROL DRUM

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	TRAFFIC CONTROL: CTH OT INTERSECTION CLOSURE	SHEET 7	E

FILE NAME : P:\7100s\7190s\7197\07197035\caddMUNI\Planshts\07197035 Traffic Control - Intersection Closure.dgn PLOT DATE : 7/29/2015 PLOT BY : jdolens PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 42

DATE 22SEP15 — E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-81 QUANTITY
0050	204.0100	Removing Pavement	SY	45.000	45.000
0060	204.0110	Removing Asphaltic Surface	SY	263.000	263.000
0070	204.0150	Removing Curb & Gutter	LF	35.000	35.000
0230	208.1100	Select Borrow	CY	186.000	186.000
0270	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	126.000	126.000
0290	415.0080	Concrete Pavement 8-Inch	SY	45.000	45.000
0320	416.0610	Drilled Tie Bars	EACH	8.000	8.000
0330	416.0620	Drilled Dowel Bars	EACH	26.000	26.000
0350	455.0105	Asphaltic Material PG58-28	TON	6.000	6.000
0370	455.0605	Tack Coat	GAL	16.000	16.000
0380	460.1100	HMA Pavement Type E-0.3	TON	50.000	50.000
0670	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	15.000	15.000
0680	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	20.000	20.000
0720	602.0410	Concrete Sidewalk 5-Inch	SF	325.000	325.000
0740	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	8.000	8.000
1230	625.0500	Salvaged Topsoil	SY	3,538.000	3,538.000
1240	627.0200	Mulching	SY	1,425.000	1,425.000
1250	628.1104	Erosion Bales	EACH	10.000	10.000
1260	628.1504	Silt Fence	LF	440.000	440.000
1270	628.1520	Silt Fence Maintenance	LF	440.000	440.000
1280	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
1300	628.2004	Erosion Mat Class I Type B	SY	2,100.000	2,100.000
1370	628.7504	Temporary Ditch Checks	LF	10.000	10.000
1380	629.0205	Fertilizer Type A	CWT	2.300	2.300
1400	630.0120	Seeding Mixture No. 20	LB	67.000	67.000
1420	631.0300	Sod Water	MGAL	0.740	0.740
1430	631.1000	Sod Lawn	SY	13.000	13.000
1560	638.2102	Moving Signs Type II	EACH	1.000	1.000
1610	643.0100	Traffic Control (project) 02. 7190-06-81	EACH	1.000	1.000
1620	643.0300	Traffic Control Drums	DAY	803.000	803.000
1630	643.0420	Traffic Control Barricades Type III	DAY	27.000	27.000
1660	643.0705	Traffic Control Warning Lights Type A	DAY	36.000	36.000
1680	643.0800	Traffic Control Arrow Boards	DAY	30.000	30.000
1690	643.0900	Traffic Control Signs	DAY	139.000	139.000
1710	643.2000	Traffic Control Detour (project) 01. 7190-06-81	EACH	1.000	1.000
1720	643.3000	Traffic Control Detour Signs	DAY	85.000	85.000
1840	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	17.000	17.000
1870	647.0766	Pavement Marking Crosswalk Epoxy 6-Inch	LF	38.000	38.000
2240	690.0150	Sawing Asphalt	LF	247.000	247.000
2250	690.0250	Sawing Concrete	LF	53.000	53.000
2540	SPV.0060	Special 26. Force Main Bend, 16-Inch	EACH	14.000	14.000
2550	SPV.0060	Special 27. Tracer Wire Terminal Box	EACH	49.000	49.000
2560	SPV.0060	Special 28. Air Release Manhole, Complete	EACH	14.000	14.000
2570	SPV.0060	Special 29. Force Main Plug, 16-Inch	EACH	2.000	2.000
2580	SPV.0060	Special 30. Construction Staking Air Release Manhole	EACH	14.000	14.000
2590	SPV.0060	Special 31. Construction Staking Bends	EACH	14.000	14.000
2600	SPV.0060	Special 32. Construction Staking Terminal Boxes	EACH	49.000	49.000
2740	SPV.0090	Special 12. Force Main PVC, C-905, 16-Inch	LF	18,188.000	18,188.000
2750	SPV.0090	Special 13. Tracer Wire	LF	18,338.000	18,338.000

DATE 22SEP15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	7190-06-81 QUANTITY
2770	SPV.0090	Special 15. Construction Staking Force Main	LF	18,338.000	18,338.000
2840	SPV.0165	Special 02. Rigid Styrofoam Insulation	SF	1,248.000	1,248.000

3

REMOVING SURFACE

CATEGORY	STATION - STATION	LOCATION	204.0100 REMOVING PAVEMENT (SY)	204.0110 REMOVING ASPHALTIC SURFACE (SY)
0010	209+75 - 209+90	36.5' RT	---	25
	209+75 - 209+97	25' RT	45	---
	331+45 - 331+60	44' LT	---	48
	336+43 - 336+97	121' LT	---	120
	340+35 - 340+55	57' LT	---	70
		TOTALS	**45**	**263**

REMOVING CURB & GUTTER

CATEGORY	STATION - STATION	LOCATION	204.0150 REMOVING CURB & GUTTER (LF)
0010	209+97	25' RT	15
	336+97	121' LT	20
		TOTAL	**35**

SELECT BORROW

CATEGORY	STATION - STATION	LOCATION	208.1100 SELECT BORROW (CY)
0010	232+50 - 235+50	44' LT	106
	250+15 - 254+44	44' LT	80
		TOTAL	**186**

BASE AGGREGATE DENSE 1 1/4-INCH

CATEGORY	STATION - STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)
0010	209+75 - 209+90	36.5' RT	9
	209+75 - 209+97	25' RT	17
	331+45 - 331+60	44' LT	16
	336+43 - 336+97	121' LT	60
	340+35 - 340+55	57' LT	24
		TOTAL	**126**

CONCRETE PAVEMENT 8-INCH

CATEGORY	STATION - STATION	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH (SY)
0010	209+70 - 209+97	25' RT	45
		TOTAL	**45**

CONCRETE PAVEMENT - APPURTENANT CONSTRUCTION

CATEGORY	STATION - STATION	LOCATION	416.0610 DRILLED TIE BARS (EACH)	416.0620 DRILLED DOWEL BARS (EACH)
0010	209+70 - 209+97	25' RT	8	26
		TOTALS	**8**	**26**

HMA PAVEMENT

CATEGORY	STATION - STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 (TON)	455.0605 TACK COAT (GAL)	460.1100 HMA PAVEMENT TYPE E-0.3 (TON)
0010	209+75 - 209+90	36.5' RT	1	2	4
	331+45 - 331+60	44' LT	1	3	6
	336+30 - 336+48	121' LT	1	1	2
	336+48 - 336+95	121' LT	2	6	30
	340+35 - 340+55	57' LT	1	4	8
		TOTALS	**6**	**16**	**50**

CONCRETE CURB & GUTTER

CATEGORY	STATION - STATION	LOCATION	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A (LF)	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D (LF)
0010	209+97	25' RT	15	---
	336+97	86' LT	---	20
		TOTALS	**15**	**20**

CONCRETE SIDEWALK

CATEGORY	STATION - STATION	LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH (SF)	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA (SF)
0010	209+97 - 210+36	30' RT	325	---
	209+99	25' RT	---	4
	210+04	21' RT	---	4
		TOTALS	**325**	**8**

SALVAGED TOPSOIL

CATEGORY	STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL (SY)
0010	210+10 - 210+25	25' LT	13
	331+00 - 336+35	50' LT	1,800
	337+00 - 342+50	60' LT	1,725
		TOTAL	**3,538**

MULCHING

CATEGORY	STATION - STATION	LOCATION	627.0200 MULCHING (SY)
0010	337+00 - 342+50	57' LT	1,425
		TOTAL	**1,425**

FERTILIZER TYPE A

CATEGORY	STATION - STATION	LOCATION	629.0205 FERTILIZER TYPE A (CWT)
0010	331+00 - 336+35	50' LT	1.2
	337+00 - 342+50	60' LT	1.1
		TOTAL	**2.3**

EROSION CONTROL

CATEGORY	STATION - STATION	LOCATION	628.1104 EROSION BALES (EA)	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)	628.1905 MOBILIZATIONS EROSION CONTROL (EACH)	628.2004 EROSION MAT CLASS I TYPE B (SY)	628.7504 TEMPORARY DITCH CHECKS (LF)
0010	331+00 - 336+35	50' LT	---	---	---	---	1,800	---
	334+00 - 336+35	70' LT	---	265	265	---	---	---
	333+00	60' LT	10	---	---	---	---	---
	335+95	75' LT	---	---	---	---	---	10
	337+00 - 338+50	60' LT	---	---	---	---	300	---
	337+00 - 338+50	75' LT	---	175	175	---	---	---
	UNDISTRIBUTED	---	---	---	---	2	---	---
		TOTALS	**10**	**440**	**440**	**2**	**2,100**	**10**

MOVING SIGNS TYPE II

CATEGORY	STATION	LOCATION	TO STATION	LOCATION	638.2102 MOVING SIGNS TYPE II (EACH)
0010	336+45	121' LT	336+45	121' LT	1
				TOTAL	**1**

SEEDING MIXTURE NO. 20

CATEGORY	STATION - STATION	LOCATION	630.0120 SEEDING MIXTURE NO. 20 (LB)
0010	331+00 - 336+35	50' LT	34
	337+00 - 342+50	57' LT	33
		TOTAL	**67**

SOD LAWN

CATEGORY	STATION - STATION	LOCATION	631.1000 SOD LAWN (SY)	631.0300 SOD WATER (MGAL)
0010	210+10 - 210+25	25' LT	13	0.74
		TOTALS	**13**	**0.74**

PAVEMENT MARKING

CATEGORY	STATION - STATION	LOCATION	647.0566 PAVEMENT MARKING STOP LINE EPOXY 18-INCH (WHITE) (LF)	647.0766 PAVEMENT MARKING CROSSWALK EPOXY 6-INCH (WHITE) (LF)
0010	209+78 - 209+95	25' RT	17	38
		TOTALS	**17**	**38**

TRAFFIC CONTROL

CATEGORY	DESCRIPTION	643.0100 TRAFFIC CONTROL (PROJECT) (EACH)	DRUMS NO. DEVICES	643.0300 TRAFFIC CONTROL DRUMS (DAY)	BARRICADES TYPE III NO. DEVICES	643.0420 TRAFFIC CONTROL BARRICADES TYPE III (DAY)	WARNING LIGHTS TYPE A NO. DEVICES	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A (DAY)	ARROW BOARDS NO. DEVICES	643.0800 TRAFFIC CONTROL ARROW BOARDS (DAY)	SIGNS NO. DEVICES	643.0900 TRAFFIC CONTROL SIGNS (DAY)	DURATION	
0010	CTH OT INTERSECTION CLOSURE	---	53	53	26	26	34	34	---	---	18	18	1	DAY
	STH 35 SHOULDER CLOSURE (FOR FORCE MAIN)	---	25	750	---	---	---	---	1	30	4	120	30	DAYS
	CTH OT DETOUR ROUTE	---	---	---	1	1	2	2	---	---	1	1	1	DAY
	PROJECT 7190-06-81	1	---	---	---	---	---	---	---	---	---	---		
	TOTALS	**1**		**803**		**27**		**36**		**30**		**139**		

TRAFFIC CONTROL DETOUR

CATEGORY	LOCATION	643.2000 TRAFFIC CONTROL DETOUR (PROJECT) (EACH)	SIGNS NO. DEVICES	DURATION		643.3000 TRAFFIC CONTROL DETOUR SIGNS (DAY)
0010	STH 35	---	22	1	DAY	22
	CTH OT	---	39	1	DAY	39
	CTH XX	---	8	1	DAY	8
	CTH ZM	---	8	1	DAY	8
	CTH ZN	---	8	1	DAY	8
	PROJECT 7190-06-81	1	---	---		---
	TOTALS	**1**				**85**

SAWING

CATEGORY	STATION - STATION	LOCATION	690.0150 SAWING ASPHALT (LF)	690.0250 SAWING CONCRETE (LF)
0010	209+70 - 209+97	25' LT	---	53
	209+70 - 209+90	36.5' LT	30	---
	331+30 - 331+73	37' LT	43	---
	331+45 - 331+60	60' LT	15	---
	336+46 - 336+96	111' LT	50	---
	336+46 - 336+96	131' LT	50	---
	340+15 - 340+74	51' LT	59	---
		TOTALS	**247**	**53**

MUNICIPAL SUMMARY (FORCE MAIN)

CATEGORY	STATION	LOCATION	SPV.0060.26 FORCE MAIN BEND, 16-INCH (EACH)	SPV.0060.27 TRACER WIRE TERMINAL BOX (EACH)	SPV.0060.28 AIR RELEASE MANHOLE, COMPLETE (EACH)	SPV.0060.29 FORCE MAIN PLUG, 16-INCH (EACH)	SPV.0060.30 CONSTRUCTION STAKING AIR RELEASE MANHOLE (EACH)	SPV.0060.31 CONSTRUCTION STAKING BENDS (EACH)	SPV.0060.32 CONSTRUCTION STAKING TERMINAL BOXES (EACH)
0010	209+81.7	36.5' RT	1	---	---	1	---	1	---
	209+93.1	25' RT	1	---	---	---	---	1	---
	210+12	25' RT	---	1	---	---	---	---	1
	213+08.7	25' RT	1	---	---	---	---	1	---
	213+78.5	45' LT	1	---	---	---	---	1	---
	214+00	47.3' LT	---	1	1	---	1	---	1
	217+00	50' LT	---	1	---	---	---	---	1
	220+50	56' LT	---	1	1	---	1	---	1
	224+00	44' LT	---	1	---	---	---	---	1
	228+00	44' LT	---	1	1	---	1	---	1
	232+50	44' LT	---	1	---	---	---	---	1
	237+00	44' LT	---	1	---	---	---	---	1
	241+50	44' LT	---	1	---	---	---	---	1
	245+00	44' LT	---	1	---	---	---	---	1
	248+00	44' LT	---	1	1	---	1	---	1
	252+00	44' LT	---	1	---	---	---	---	1
	256+00	44' LT	---	1	---	---	---	---	1
	259+00	50' LT	---	1	---	---	---	---	1
	262+50	44' LT	---	1	1	---	1	---	1
	266+00	44' LT	---	1	---	---	---	---	1
	270+00	44' LT	---	1	---	---	---	---	1
	274+50	37' LT	---	1	---	---	---	---	1
	275+29.8	41.9' LT	1	---	---	---	---	1	---
	278+50	45' LT	---	1	1	---	1	---	1
	280+00	44' LT	---	1	1	---	1	---	1
	283+00	44' LT	---	1	---	---	---	---	1
	285+90	48' LT	---	1	---	---	---	---	1
	286+11.2	47' LT	1	---	---	---	---	1	---
	288+70.2	41.2' LT	1	---	---	---	---	1	---
	289+50	39.8' LT	---	1	1	---	1	---	1
	293+50	44' LT	---	1	---	---	---	---	1
	298+00	44' LT	---	1	---	---	---	---	1
	302+50	44' LT	---	1	---	---	---	---	1
	307+00	44' LT	---	1	---	---	---	---	1
	309+85	44' LT	---	1	1	---	1	---	1
	313+00	44' LT	---	1	---	---	---	---	1
	316+00	44' LT	---	1	---	---	---	---	1
	320+50	44' LT	---	1	---	---	---	---	1
	325+00	44' LT	---	1	---	---	---	---	1
	329+50	44' LT	---	1	---	---	---	---	1
	334+00	50' LT	---	1	1	---	1	---	1
	335+72	57' LT	1	---	---	---	---	1	---
	335+97	82' LT	1	---	---	---	---	1	---
	337+30	86' LT	1	---	---	---	---	1	---
	337+57	60' LT	1	---	---	---	---	1	---
	338+00	60' LT	---	1	---	---	---	---	1
	341+50	57' LT	---	1	---	---	---	---	1
	345+00	50' LT	---	1	---	---	---	---	1
	348+00	50' LT	---	1	1	---	1	---	1
	352+50	48' LT	---	1	---	---	---	---	1
	357+00	50' LT	---	1	---	---	---	---	1
	361+50	50' LT	---	1	1	---	1	---	1
	366+00	55' LT	---	1	---	---	---	---	1
	370+40	55' LT	1	1	---	---	---	1	1
	370+65	65' LT	1	---	---	---	---	1	---
	374+00	60' LT	---	1	---	---	---	---	1
	376+50	60' LT	---	1	1	---	1	---	1
	380+90	67' LT	---	1	---	---	---	---	1
	385+50	67' LT	---	1	---	---	---	---	1
	388+50	60' LT	---	1	---	---	---	---	1
	391+50	60' LT	---	1	1	---	1	---	1
	391+69.4	60' LT	1	---	---	---	---	1	---
	392+04.95	99.43' LT	---	---	---	1	---	---	---
		TOTALS	**14**	**49**	**14**	**2**	**14**	**14**	**49**

NOTE : STATION AND LOCATION REFER TO CENTER OF APPURTENANCE

MUNICIPAL SUMMARY (FORCE MAIN)

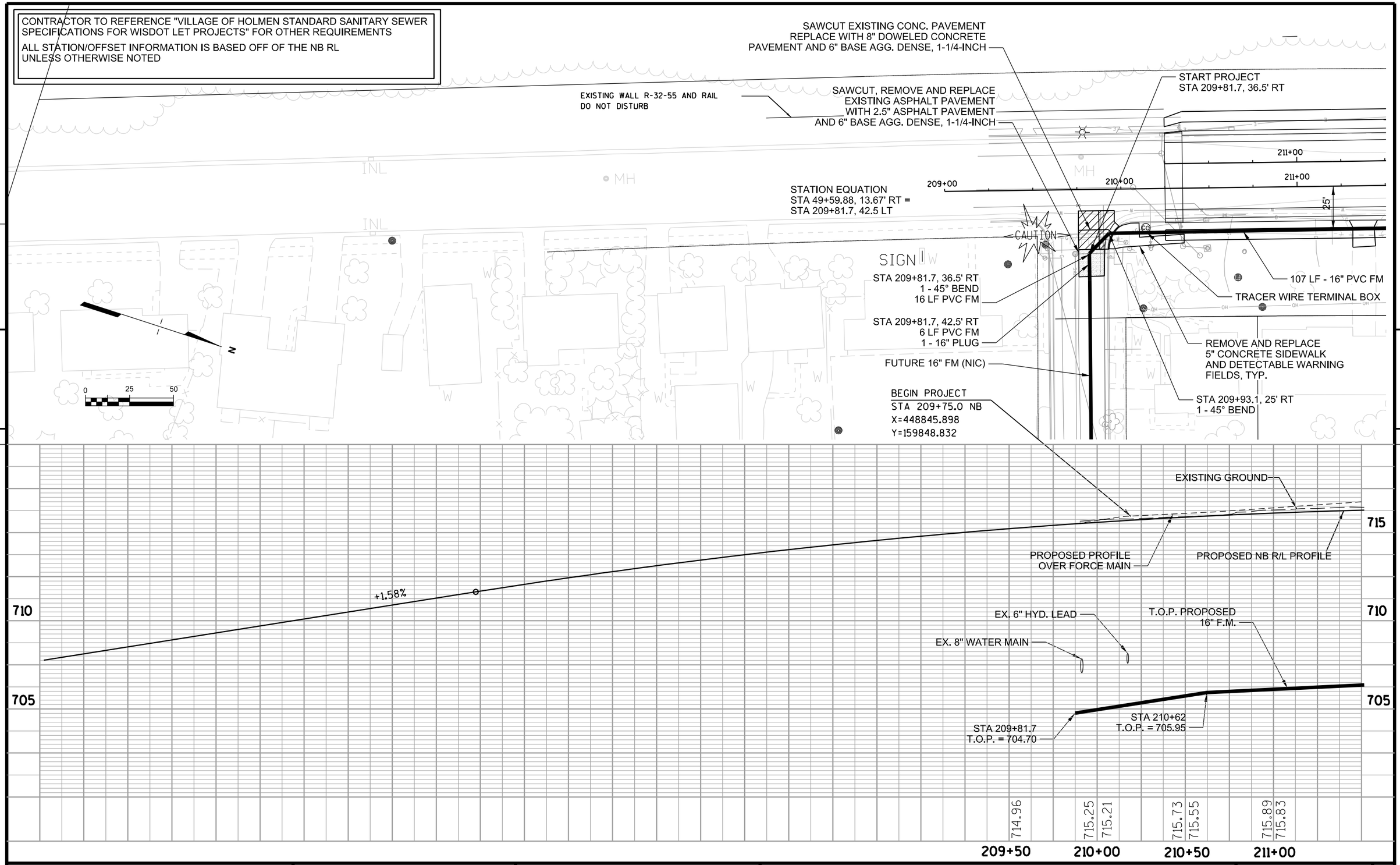
CATEGORY	STATION FROM	STATION TO	SPV.0090.12 FORCE MAIN PVC, C-905, 16-INCH (LF)	SPV.0090.13 TRACER WIRE (LF)	SPV.0090.15 CONSTRUCTION STAKING FORCE MAIN (LF)
0010	209+81.7	214+00	450	455	455
	214+00	228+00	1,390	1,400	1,400
	228+00	243+00	1,490	1,500	1,500
	243+00	256+00	1,290	1,300	1,300
	256+00	262+50	640	650	650
	262+50	270+00	740	750	750
	270+00	280+00	985	995	995
	280+00	295+00	1,502	1,512	1,512
	295+00	309+85	1,475	1,485	1,485
	309+85	324+85	1,490	1,500	1,500
	324+85	334+00	905	915	915
	334+00	348+00	1,441	1,451	1,451
	348+00	361+50	1,340	1,350	1,350
	361+50	376+50	1,490	1,500	1,500
	376+50	391+50	1,490	1,500	1,500
	391+50	392+05	70	75	75
		TOTALS	**18,188**	**18,338**	**18,338**

MUNICIPAL SUMMARY (FORCE MAIN)

CATEGORY	STATION - STATION	LOCATION	SPV.0165.02 RIGID STYROFOAM INSULATION (2-INCH) (SF)
0010	227+20 - 227+60	44' LT	160
	276+16 - 276+32	44' LT	64
	284+75 - 284+91	44' LT	64
	286+05 - 286+21	44' LT	64
	298+55 - 298+71	44' LT	64
	309+92 - 310+08	44' LT	64
	335+90 - 336+06	121' LT	256
	337+10 - 337+40	121' LT	320
	344+92 - 345+08	50' LT	64
	371+92 - 372+08	65' LT	64
	389+92 - 390+08	60' LT	64
		TOTAL	**1,248**

CONTRACTOR TO REFERENCE "VILLAGE OF HOLMEN STANDARD SANITARY SEWER SPECIFICATIONS FOR WISDOT LET PROJECTS" FOR OTHER REQUIREMENTS

ALL STATION/OFFSET INFORMATION IS BASED OFF OF THE NB RL UNLESS OTHERWISE NOTED



PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	E

FILE NAME : $$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050101_pp.dgn 7/31/2015 9:32:12 AM blehrli

UTILITY POLE #6AA21
TO BE RELOCATED
BY OTHERS

4
AIR RELEASE MH
W/48" X 54" HATCH
STA. 214+00, 47.3' LT
RIM = 714.70
I.E.= 705.25
MH BOTTOM = 704.20

UTILITY POLE #60021
TO BE RELOCATED
BY OTHERS

UTILITY POLE #93
TO BE RELOCATED
BY OTHERS

EXISTING WALL R-32-55 AND RAIL
DO NOT DISTURB

396 LF - 16" PVC FM

SIGN

STA 214+25, 50' LT

STA 213+78.5, 45' LT
1 - 45° BEND

50

10

25

99 LF - 16" PVC FM

CAUTION

CAUTION

BM 910

STA 213+08.7, 25' RT
1 - 45° BEND

208 LF - 16" PVC FM

R/W

SIGN

QUINCY STREET

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
910	217+00	CHIZ X ON HYD RIMBOLT AT STH 35 & QUINCY	716.69

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

PROPOSED NB
R/L PROFILE

T.O.P. PROPOSED 16" F.M.

STA 214+00
T.O.P. = 706.70

STA 216+00
T.O.P. = 704.40

PROPOSED 24" RCP STORM SEWER

STA 216+75
T.O.P. = 703.50

715
710
705

715.84 715.83 | 716.22 716.04 | 716.34 716.19 | 716.39 716.27 | 716.56 716.29 | 716.54 716.24 | 716.39 716.12 | 716.23 715.94 | 715.91 715.70 | 715.50 715.38 | 715.01 715.01 | 714.55 714.56 | 713.54 714.05 | 713.54 713.48 | 712.88 712.84

211+00 211+50 212+00 212+50 213+00 213+50 214+00 214+50 215+00 215+50 216+00 216+50 217+00 217+50 218+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale.....$$

050102_pp.dgn 7/31/2015 9:32:15 AM blehrli

BM 1012

STA 219+00, 50' LT

TRACER WIRE TERMINAL BOX

UTILITY POLE # 6AA1 TO BE RELOCATED BY OTHERS

STA 220+00, 56' LT

5 AIR RELEASE MH W/ 48" X 54" HATCH
STA. 243+00, 44' LT
RIM = 708.25
I.E.= 698.80
BOTTOM MH = 687.75

STA 221+00, 56' LT

STA 222+00, 50' LT

EXISTING WOOD FENCE TO BE REMOVED

UTILITY POLE # 96 TO BE RELOCATED BY OTHERS

TRACER WIRE TERMINAL BOX

725 LF - 16" PVC FM

STA 225+00, 50' LT

18+00 | 218+00 | 219+00 | 220+00 | 221+00 | 222+00 | 223+00 | 224+00 | 225+00

50' | 20' | 56' | 16' | 20' | 50'

R/W

SIGN

SIGN

SIGN

ROYAL ST

15+00

R/W

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
1012	219+75	CHIZ X ON BOLT ON FISH IN WAYSIDE	MISSING

ROYAL STREET

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

-1.57 %

PROPOSED 12" RCP STORM SEWER

PROPOSED NB R/L PROFILE

STA 219+00
T.O.P. = 701.60

STA 220+50
T.O.P. = 700.25

T.O.P. PROPOSED 16" F.M.

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

PROPOSED NB R/L PROFILE

STA 224+00
T.O.P. = 695.55

T.O.P. PROPOSED 16" F.M.

710 | 705 | 700 | 695 | 705 | 700 | 695 | 690

712.88 712.84 | 712.13 712.13 | 711.50 711.36 | 710.78 710.58 | 709.91 709.80 | 709.09 709.01 | 708.23 708.23 | 707.53 707.44 | 706.63 706.66 | 705.81 705.87 | 704.96 705.09 | 704.01 703.08 | 703.28 703.52 | 702.46 702.75 | 701.56 701.99 | 700.94 701.24

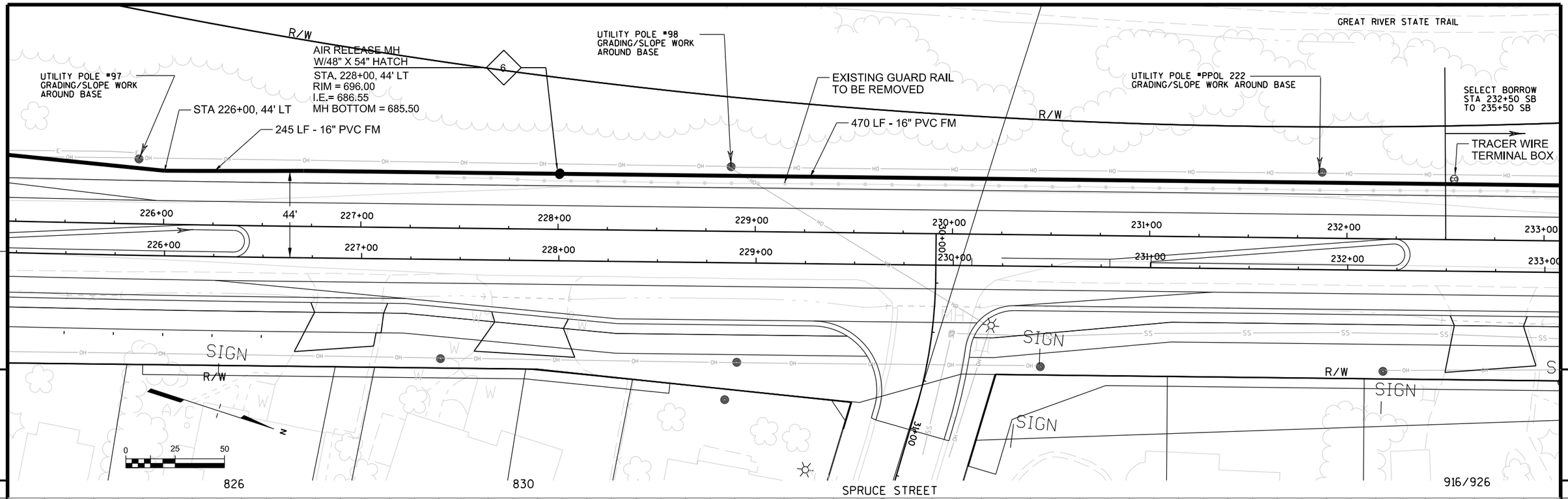
218+00 | 218+50 | 219+00 | 219+50 | 220+00 | 220+50 | 221+00 | 221+50 | 222+00 | 222+50 | 223+00 | 223+50 | 224+00 | 224+50 | 225+00 | 225+50

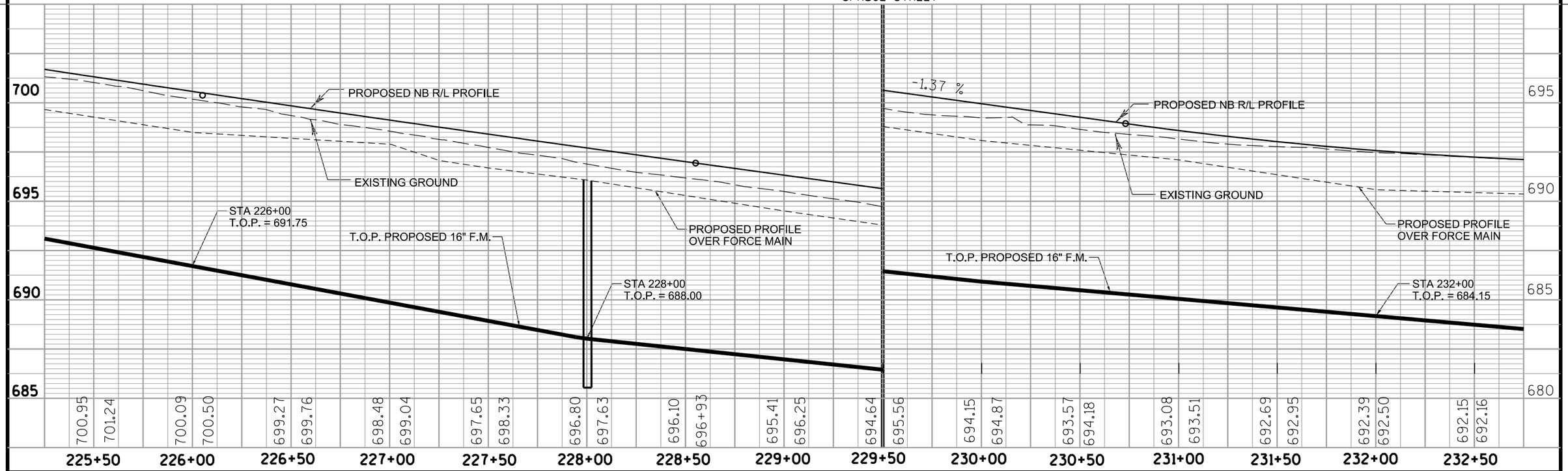
PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE		
				15	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale.....$$

050103_pp.dgn 7/31/2015 9:32:16 AM blehrli

WISDOT/C





PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	E

FILE NAME $$....designfile....$$ PLOT DATE $$...plottingdate...$$ PLOT BY $$...plotuser...$$ PLOT NAME : PLOT SCALE $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050104_pp.dgn 7/31/2015 9:32:16 AM blehrli

GREAT RIVER STATE TRAIL

UTILITY POLE #PPOL215
NO ADJUSTMENT REQUIRED

SELECT BORROW
STA 232+50 SB
TO ~~235+50~~ SB

TRACER WIRE TERMINAL BOX

R/W

UTILITY POLE #99
IN SELECT BORROW AREA
STABILIZATION/ADJUSTMENT
BY OTHERS DURING BORROW
PLACEMENT

725 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

NORTH WAYSIDE

39+00

DO NOT DISTURB EXISTING FENCE

233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00

44'

SIGN SIGN SIGN SIGN SIGN

PHONE

CANOPY

41+00

ANT.

0 25 50

TROY STREET

PROPOSED NB R/L PROFILE

+0.95 %

PROPOSED PROFILE OVER FORCE MAIN

EXISTING GROUND

STA 233+24 NB
EXISTISNG 48" RCCP
TO BE REMOVED
(FL=683.3)

STA 234+24 NB
EXISTING 24" RCCP
TO BE REMOVED

STA 234+00
T.O.P. = 683.10

STA 236+00
T.O.P. = 684.00

T.O.P. PROPOSED 16" F.M.

STA 238+00
T.O.P. = 687.30

695 690 685 680

692.16 691.915 691.94 691.75 691.84 691.59 691.86 691.67 691.99 691.75 692.24 692.00 692.60 692.22 693.06 692.47 693.41 692.84 693.86 693.22 694.32 693.60 694.77 694.24 695.23 694.79 695.68 695.44 696.14 695.93 696.86

232+50 233+00 233+50 234+00 234+50 235+00 235+50 236+00 236+50 237+00 237+50 238+00 238+50 239+00 239+50 240+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	17	E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale.....$$

050105_pp.dgn 7/31/2015 9:32:17 AM bkehrli

WISDOT/C

NO.	STA.	BM DESCRIPTION	ELEV.
1011	240+50	CHIZ X IN CONC SLAB AT NORTH END OF NORTH WAYSIDE ON STH 35	695.791

TRACER WIRE TERMINAL BOX

725 LF - 16" PVC FM

SIGN

NORTH WAYSIDE

DO NOT DISTURB EXISTING FENCE

TRACER WIRE TERMINAL BOX

EX. STORM MH

240+00 241+00 242+00 243+00 44' 244+00 245+00 246+00 247+00 50-00

STH 35

SIGN

3+00 4+00 5+00 6+00

SIGN

SIGN

51+00

SCHNICK ROAD

0 25 50

N

+0.95 %

PROPOSED NB R/L PROFILE

+0.95 %

PROPOSED PROFILE OVER FORCE MAIN

670

695

690

EXISTING GROUND

T.O.P. PROPOSED 16" F.M.

STA 243+00
T.O.P. = 690.40

PROPOSED 24" RCP
STORM SEWER

695.93 696.59 696.48 697.05 696.97 697.50 697.57 697.96 698.18 698.41 698.62 698.87 699.14 699.32 699.65 699.78 700.28 700.23 700.75 700.69 701.31 701.14 701.85 701.60 702.45 702.05 702.94 702.51 703.41 702.96

240+00 240+50 241+00 241+50 242+00 242+50 243+00 243+50 244+00 244+50 245+00 245+50 246+00 246+50 247+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE		E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale....$$

050106_pp.dgn 7/31/2015 9:32:17 AM blehrli

95 LF - 16" PVC FM

MH

EX. STORM MH

UTILITY POLE IN FILL/SELECT BORROW LOCATION
ADJUSTMENT BY OTHERS

7

AIR RELEASE MH
W/48" X 54" HATCH
STA. 248+00, 44' LT
RIM = 702.15
I.E.= 692.70
BOTTOM MH = 691.65

SELECT BORROW
STA 250+15 SB TO
STA 254+44 SB

UTILITY POLE IN FILL/SELECT BORROW LOCATION
ADJUSTMENT BY OTHERS

620 LF - 16" PVC FM

TRACER WIRE
TERMINAL BOX

SELECT BORROW
STA 250+15 SB TO
STA 254+44 SB

247+00 50.00 247+00

248+00 44' 248+00

249+00 249+00

250+00 250+00

251+00 251+00

252+00 252+00

253+00 253+00

254+00 254+00

CAUTION

CAUTION

CAUTION

4+00 5+00 6+00 10+00 11+00 12+00 13+

SI

R/W

R/W

51+00

N

0 25 50

5

5

N4972

SCHNICK ROAD

EXISTING GROUND

+0.35 %

PROPOSED NB R/L PROFILE

PROPOSED PROFILE OVER
FORCE MAIN

T.O.P. PROPOSED 16" F.M.

STA 252+00
T.O.P. = 695.75

STA 248+00
T.O.P. = 694.15

705

700

695

247+00	247+50	248+00	248+50	249+00	249+50	250+00	250+50	251+00	251+50	252+00	252+50	253+00	253+50	254+00	254+50
703.41	703.85	704.26	704.60	704.95	705.32	705.66	705.89	706.18	706.38	706.52	706.69	706.85	707.06	707.17	707.42
702.96	703.40	703.81	704.18	704.52	704.81	705.07	705.30	705.49	705.68	705.88	706.07	706.26	706.45	706.65	

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	19	E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale.....$$

050107_pp.dgn 7/31/2015 9:32:18 AM blehrli

WISDOT/C

SELECT BORROW
STA 250+15 SB
TO 254+44 SB

UTILITY POLE IN FILL SECTION
ADJUSTMENT BY OTHERS

TRACER WIRE
TERMINAL BOX

SUNSET VISTA

700 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

SIGN

254+00 255+00 256+00 257+00 258+00 259+00 260+00 261+00

44'

80+00

CAUTION

13+00

INL

WM

79+00

N

0 25 50

N4996

KRAMER ROAD

PROPOSED NB R/L PROFILE

+0.35 %

PROPOSED PROFILE OVER
FORCE MAIN

EXISTING GROUND

ABANDONED 24" RCCP
CROSS DRAIN @ STA 257+35 NB
COVERED FILL HEIGHT APPROX 8'

T.O.P. PROPOSED 16" F.M.

STA 256+00
T.O.P. = 697.25

STA 258+00
T.O.P. = 698.50

710
705
700
695

707.17 706.65 707.42 706.84 707.50 707.03 707.70 707.22 707.84 707.41 707.96 707.61 708.18 707.80 708.22 707.99 708.15 708.18 708.35 708.38 708.56 708.57 708.68 708.76 708.88 708.95 708.93 709.14 709.09 709.34 709.24

254+00 254+50 255+00 255+50 256+00 256+50 257+00 257+50 258+00 258+50 259+00 259+50 260+00 260+50 261+00 261+50

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	20	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050108_pp.dgn 7/31/2015 9:32:18 AM blehrli

8

AIR RELEASE MH
W/48" X 54" HATCH
STA. 262+50, 44' LT
RIM = 707.90
I.E.= 698.45
BOTTOM MH = 697.40

95 LF - 16" PVC FM

595 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

SIGN

R/W

44'

261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00

CAUTION

S.T.H. 35

N

0 25 50

5

PROPOSED NB R/L PROFILE

+0.35 %

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

STA 262+50
T.O.P. = 699.90

STA 263+95 NB
EXISTING 24" RCCP
TO REMAIN

2" RIGID
INSULATION

STA 263+95
T.O.P. = 697.50

T.O.P. PROPOSED 16" F.M.

STA 266+00
T.O.P. = 701.00

STA 267+00
T.O.P. = 702.25

710 705 700 695

709.24 709.72 709.44 709.72 709.57 709.91 709.78 710.10 709.92 710.30 710.13 710.49 710.32 710.68 710.59 710.87 710.84 711.07 711.16 711.32 711.54 711.62 711.94 711.97 712.40 712.37 712.82 712.83 713.23 713.33

261+50 262+00 262+50 263+00 263+50 264+00 264+50 265+00 265+50 266+00 266+50 267+00 267+50 268+00 268+50

PROJECT NO:7190-06-81 | HWY:STH 35 | COUNTY:LA CROSSE | PLAN AND PROFILE | 21 | E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050109_pp.dgn 7/31/2015 9:32:19 AM bkehrli

NO.	STA.	BM DESCRIPTION	ELEV.
1010	269+75	PK NAIL IN CMCP AT SE QUAD OF DRIVEWAY	712.195
1930	274+25	PK NAIL IN NORTHWEST CORNER OF RESTAURANT PARKING LOT BEHIND BLDG ± 5' FROM EOP	718.305

N5097

1407

1427

BM 1010

SIGN

SIGN

TRACER WIRE TERMINAL BOX

UTILITY POLE IN CURB & GUTTER TO BE REMOVED BY OTHERS

650 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

STA 273+11, 44' LT

STA 274+00, 40.4' LT

R/W

PC 149+94.00

PI 98+97.08

PT 270+70.10

PT 270+68.54

PI 271+00.00

44'

PC 273+95.95

37.25'

PT 275+14.69

PC 273+11.17

PT 274+51.53

PC 275+16.39

PT 275

CAUTION

CAUTION

BM 1010

R/W

SIGN

SIGN

0 25 50

268+00 269+00 270+00 271+00 272+00 273+00 274+00 275+00

720 715 710 705

+1.17 %

+1.17 %

PROPOSED NB R/L PROFILE

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

STA 270+00
T.O.P. = 706.00

STA 271+00
T.O.P. = 707.25

T.O.P. PROPOSED 16" F.M.

STA 274+00
T.O.P. = 710.75

268+00	268+50	269+00	269+50	270+00	270+50	271+00	271+50	272+00	272+50	273+00	273+50	274+00	274+50	275+00
712.82	712.83	713.23	713.33	713.76	713.89	714.29	714.47	714.87	715.06	715.48	715.64	716.12	716.23	716.73	716.81	717.48	717.40	718.13	717.98	718.70	718.57	719.39	719.15	719.95	719.74	720.57	720.32	720.89	720.91

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	22	E

FILE NAME $$:...designfile....$$ PLOT DAT $$...plottingdate...$$ PLOT BY $$...plotuser...$$ PLOT NAME : PLOT SCAL $$:....plotscale.....$$

050110_pp.dgn 7/31/2015 9:32:20 AM blehrli

WISDOT/C

STA 275+00, 37' LT
30 LF - 16" PVC FM
STA 275+29.8, 41.9' LT
1 - 22.5° BEND
308 LF - 16" PVC FM
STA 276+50, 59.5' LT
STA 277+94, 49.1' LT
9
AIR RELEASE MH
W/48" X 54" HATCH
STA. 278+50, 43.8' LT
RIM = 727.50
I.E.= 719.55
BOTTOM MH = 718.50
140 LF -
16" PVC FM
STA 278+69.1, 44' LT
10
AIR RELEASE MH
W/48" X 54" HATCH
STA. 280+00, 44' LT
RIM = 727.85
I.E.= 718.55
BOTTOM MH = 717.50
195 LF - 16" PVC FM
44'
SIGN
CAUTION
UTILITY POLE IN
CURB & GUTTER
TO BE REMOVED
BY OTHERS
R/W
RIDERS CLUB ROAD
PROPOSED NB R/L PROFILE
PROPOSED PROFILE
OVER FORCE MAIN
EXISTING GROUND
2" RIGID
INSULATION
PROPOSED 24" RCP
STORM SEWER
STA 276+25
T.O.P. = 712.75
T.O.P. PROPOSED 16" F.M.
STA 278+50
T.O.P. = 718.50
STA 280+00
T.O.P. = 720.00
+1.17 %
+2.40 %
+2.27 %
+1.06 %
+0.50 %
725
720
715
710
730
720.89 720.91 721.48 721.49 722.17 722.08 722.78 722.66 722.93 723.20 723.34 723.65 723.83 724.02 724.12 724.31 724.29 724.52 724.30 724.64 724.41 724.69 724.40 724.65 724.32 724.52 724.32 724.32 724.27 724.03
275+00 275+50 276+00 276+50 277+00 277+50 278+00 278+50 279+00 279+50 280+00 280+50 281+00 281+50 282+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	23	E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale.....$$

050111_pp.dgn 7/31/2015 9:32:20 AM bkehrli

WISDOT/C

TRACER WIRE TERMINAL BOX

422 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

STA 285+90.9, 44' LT

STA 286+11.2, 47' LT
1 - 11.25° BEND

BM 1009

STA 287+50, 62.3' LT

234 LF - 16" PVC FM

STA 288+70.2, 41.2' LT
1 - 22.5° BEND

30 LF - 16" PVC FM

STA 289+00, 39' LT

282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00

109+00 110+00 111+00

44'

CAUTION

CAUTION

CENTRAL ISLANDS

R=75'

R=53'

SIGN

R/W

R/W

R/W

S.T.H. 35

MASON STREET

TRACER WIRE TERMINAL BOX

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
1009	286+75	RRSP IN ELM AT NW QUAD OF SSVISTA & STH 35	718.428

PROPOSED PROFILE OVER FORCE MAIN

PROPOSED NB R/L PROFILE

-0.80 %

-0.82 %

STA 282+50
T.O.P. = 718.30

T.O.P. PROPOSED 16" F.M.

EXISTING GROUND

PROPOSED 15" RCP STORM SEWER

STA 284+83
T.O.P. = 711.75

2" RIGID INSULATION

STA 284+00
T.O.P. = 714.10

PROPOSED 24" RCP STORM SEWER

STA 286+10
T.O.P. = 710.75

725 720 715 710

724.27 724.03 724.08 723.66 723.76 723.26 723.47 722.86 723.15 722.46 722.79 722.06 722.30 721.66 721.73 721.26 721.45 720.85 720.94 720.45 719.83 720.05 719.50 719.65 715.53 719.25 716.31 718.85 718.01 718.44

282+00 282+50 283+00 283+50 284+00 284+50 285+00 285+50 286+00 286+50 287+00 287+50 288+00 288+50 289+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE		E

FILE NAME: $$...designfile....$$ PLOT DATE: $$...plottingdate...$$ PLOT BY: $$...plotuser...$$ PLOT NAME : PLOT SCALE: $$....plotscale.....$$

050112_pp.dgn 7/31/2015 9:32:21 AM bkehrli

WISDOT/C

11

AIR RELEASE MH
W/48" X 54" HATCH
STA. 289+50, 39.7' LT
RIM = 717.50
I.E.= 708.05
~~BOTTOM MH = 707.00~~
I.E.= 708.50, (8" E)

REMOVING UTILITY POLE
(NOT IN SERVICE)

595 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

145 LF - 16" PVC FM

2 EACH - 90 L.F. -
8" PVC C-900 CONDUIT

2 EACH - 8-INCH PLUG
STA 289+50, 53' RT

CAUTION

CAUTION

R/W

R/W

SIGN

SIGN

44'

290+00

290+00

292+00

293+00

294+00

295+00

296+00

292+00

293+00

294+00

295+00

296+00

K2096

K2104

0 25 50

N5254

N5262

N5268

N5274

-0.80 %

-0.78 %

PROPOSED NB R/L PROFILE

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

STA 289+50
T.O.P. = 709.50

STA 292+00
T.O.P. = 706.75

T.O.P. PROPOSED 16" F.M.

STA 295+00
T.O.P. = 703.55

715

710

705

718.01 718.41 | 718.10 718.01 | 717.91 717.61 | 717.33 717.21 | 716.70 716.67 | 716.20 716.28 | 715.64 715.89 | 715.22 715.50 | 714.94 715.11 | 714.51 714.72 | 714.15 714.33 | 713.59 713.94 | 713.36 713.55 | 713.00 713.17 | 712.71 712.84

289+00 289+50 290+00 290+50 291+00 291+50 292+00 292+50 293+00 293+50 294+00 294+50 295+00 295+50 296+00

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PLOT	25	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050113_pp.dgn 7/31/2015 9:32:21 AM blehrli

NO.	STA.	BM DESCRIPTION	ELEV.
1013	297+15	CHIZ ⊡ON NORTH END OF PE.18" RCCP @ FIRE" N5298 ± 500' SOUTH OF INT STH 35 & CTH Z	711.925

TRACER WIRE TERMINAL BOX

700 LF - 16" PVC FM

RELOCATED CTH 'Z'

REMOVE UTILITY POLE (NOT IN SERVICE)

TRACER WIRE TERMINAL BOX

44'

296+00 297+00 298+00 299+00 300+00 301+00 302+00 303+00

109+00 108+00 107+00 106+00

110+00

K194

CAUTION

BM 1013

SIGN

SIGN

SIGN

R/W

CAUTION

N

0 25 50

HILLTOP ROAD

PROPOSED NB R/L PROFILE

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

STA 299+95 NB
EXISTING 24" RCCP
TO BE REMOVED

715 710 705 700

STA 297+50
T.O.P. = 700.85

2" RIGID INSULATION

PROPOSED 36" RCP STORM SEWER

STA 298+63
T.O.P. = 698.50

STA 300+75
T.O.P. = 701.65

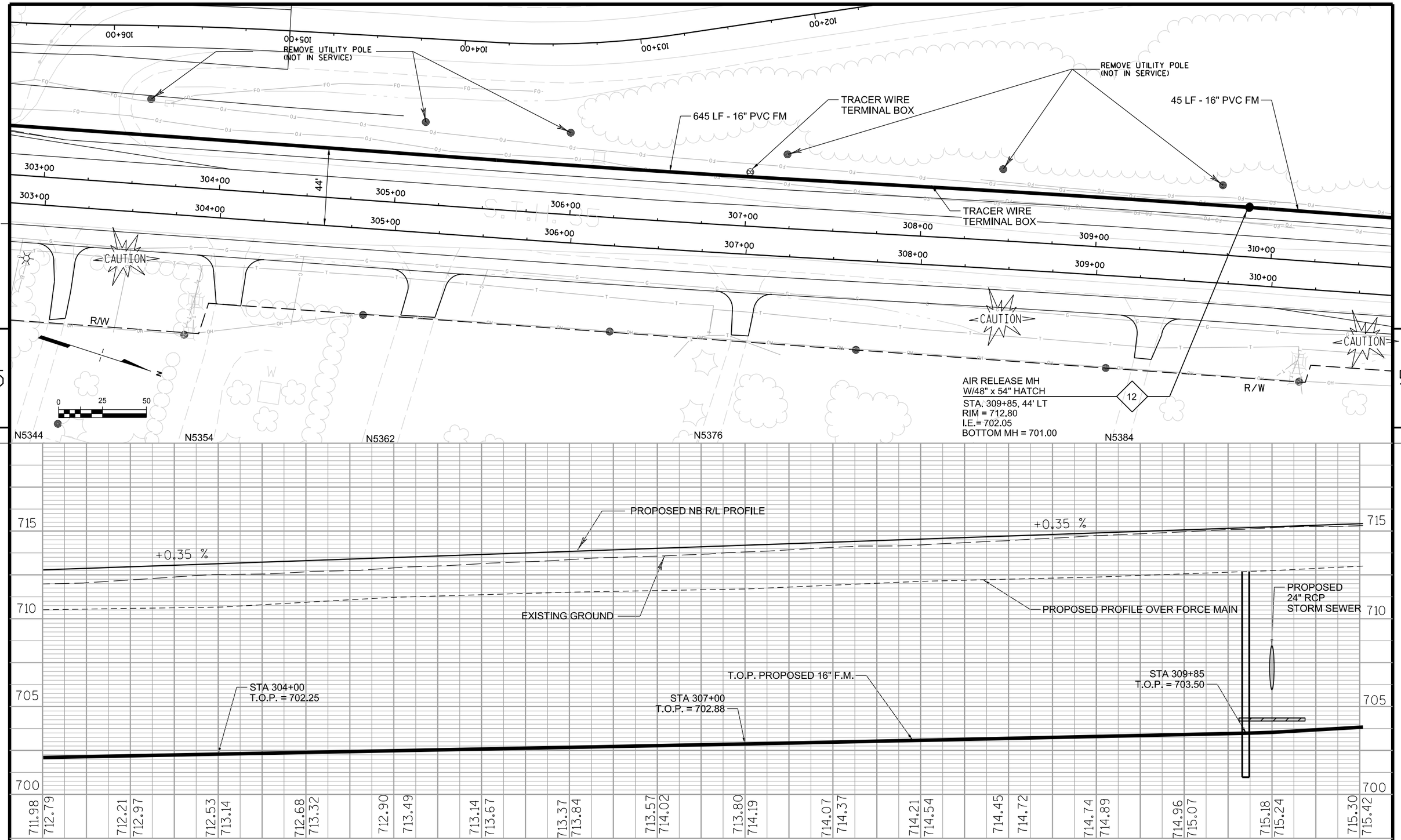
T.O.P. PROPOSED 16" F.M.

712.71	712.84	712.44	712.55	712.18	712.31	711.98	712.12	711.80	711.97	711.67	711.87	711.59	711.82	711.48	711.82	711.48	711.86	711.41	711.95	711.52	712.09	711.65	712.26	711.69	712.44	711.84	712.61	711.98	712.79
296+00		296+50		297+00		297+50		298+00		298+50		299+00		299+50		300+00		300+50		301+00		301+50		302+00		302+50		303+00	

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PROFILE	26	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050114_pp.dgn 7/31/2015 9:32:22 AM blehrli



PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PROFILE	27	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050115_pp.dgn 7/31/2015 9:32:23 AM blehrli

REMOVE UTILITY POLE
(NOT IN SERVICE)

UTILITY POLE IN FILL SECTION
ADJUSTMENT BY OTHERS

TRACER WIRE
TERMINAL BOX

BM 1008

UTILITY POLE IN DITCH/CUT SECTION
ADJUSTMENT BY OTHERS

700 LF - 16" PVC FM

BM 1014

TRACER WIRE
TERMINAL BOX

44'

10+00
311+00
312+00
313+00
314+00
315+00
316+00
317+00

CAUTION

R/W

CAUTION

CAUTION

R/W

R/W

POOL

105.00

105.00

N

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
1008	314+10	RRSP IN ELM AT STH 35 AND WEST VIEW DRIVE	710.089
1014	315+05	CHIZ ☐ ON WEST END OF RCCP CROSS DRAIN PN STH 35 IN SW QUAD OF ULMAN & STH 35 ± 70' SOUTH IF INTERSECTION	712.510

WEST VIEW

PROPOSED NB R/L PROFILE

+0.35 %

+0.35 %

EXISTING GROUND

STA 314+92 NB
EXISTING 24"
RCCP

PROPOSED PROFILE
OVER FORCE MAIN

PROPOSED 24" RCP
STORM SEWER

STA 316+00
T.O.P. = 706.00

T.O.P. PROPOSED 16" F.M.

STA 312+00
T.O.P. = 704.70

720
715
710
705

715.18 715.24 715.30 715.42 715.63 715.59 715.84 715.77 716.07 715.94 716.28 716.12 716.34 716.29 716.53 716.47 716.74 716.64 716.92 716.82 717.11 716.99 717.33 717.17 717.53 717.34 717.68 717.52 717.77 717.69 717.86

310+00 310+50 311+00 311+50 312+00 312+50 313+00 313+50 314+00 314+50 315+00 315+50 316+00 316+50 317+00 317+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	28	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale.....$$

050116_pp.dgn 7/31/2015 9:32:23 AM blehrli

WISDOT/C

UTILITY POLE IN DITCH/CUT SECTION
ADJUSTMENT BY OTHERS

CTH ZM

UTILITY POLE AT TOE OF SLOPE

TRACER WIRE
TERMINAL BOX

700 LF - 16" PVC FM

44'

CAUTION

SIGN

R/W

CAUTION

CLOVERDALE

0 25 50

PROPOSED NB R/L PROFILE

+0.13 %

EXISTING GROUND

PROPOSED 24" RCP
STORM SEWER

PROPOSED PROFILE OVER FORCE MAIN

STA 319+00
T.O.P. = 706.60

T.O.P. PROPOSED 16" F.M.

STA 323+00
T.O.P. = 707.70

720
715
710
705

717.77 717.69 717.86 717.84 717.96 717.97 718.07 718.08 718.15 718.17 718.26 718.24 718.31 718.30 718.35 718.37 718.42 718.43 718.46 718.50 718.43 718.56 718.51 718.63 718.60 718.69 718.68 718.76 718.80 718.82 718.88

317+00 317+50 318+00 318+50 319+00 319+50 320+00 320+50 321+00 321+50 322+00 322+50 323+00 323+50 324+00 324+50

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PLOT	29	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050117_pp.dgn 7/31/2015 9:32:24 AM blehrli

TRACER WIRE TERMINAL BOX

SIGN

R/W

136+00

135+00

CAUTION

SAWCUT AND REMOVE ASPHALT DRIVEWAY, REPLACE WITH 2" ASPHALT PAVEMENT AND 6" BASE AGGREGATE DENSE, 1-1/4".

700 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

STA 331+00, 44' LT

SIGN

R/W

137+00

324+00

325+00

326+00

327+00

44'

328+00

329+00

330+00

331+00

CAUTION

CAUTION

138+00

SIGN

R/W

R/W

0 25 50

N

PENNY LANE

SIGN

EXISTING GROUND

+0.13 %

PROPOSED NB R/L PROFILE

PROPOSED PROFILE OVER FORCE MAIN

STA 329+00
T.O.P. = 709.10

T.O.P. PROPOSED 16" F.M.

STA 324+75
T.O.P. = 708.10

720

715

710

705

718.80 718.82 718.88 718.89 719.03 718.95 719.31 719.02 719.26 719.08 719.16 719.15 719.19 719.21 719.32 719.28 719.36 719.34 719.49 719.41 719.64 719.47 719.60 719.54 719.51 719.60 719.73 719.67 719.79 719.73 719.66

324+00 324+50 325+00 325+50 326+00 326+50 327+00 327+50 328+00 328+50 329+00 329+50 330+00 330+50 331+00 331+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	30	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale.....$$

050118_pp.dgn 7/31/2015 9:32:24 AM blehrli

WISDOT/C

13 AIR RELEASE MH
W/48" X 54" HATCH
STA. 334+00, 50' LT
RIM = 718.20
I.E.= 708.85
BOTTOM MH = 707.80

SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. REPLACE WITH 5-INCH HMA, TYPE E-0.3, AND 9-INCH THICK BASE AGGREGATE DENSE, 1-1/4-INCH.

SAWCUT, REMOVE, AND REPLACE 30-INCH CONCRETE CURB AND GUTTER, TYPE D

61 L.F. - 16" PVC FM

STA 336+99, 121' LT.
1 - 45° BEND

SLOPE INTERCEPT AND SILT FENCE

STA 337+61, 60' LT.
1 - 45° BEND
88 L.F. - 16" PVC FM

TRACER WIRE TERMINAL BOX

91 LF - 16" PVC FM

245 LF - 16" PVC FM

STA 332+50, 50' LT

SLOPE INTERCEPT AND SILT FENCE

EROSION BALES (5)

TEMPORARY DITCH CHECK

STA 335+38, 121' LT
1 - 45° BEND

STA 335+72, 57' LT.
1 - 45° BEND
92 L.F. - 16" PVC FM

STA 335+25, 55' LT.

167 LF - 16" PVC FM

EDGE OF EX. ASPHALT SHOULDER. DO NOT DISTURB

STA 334+25, 50' LT.

50'

60'

SIGN

CAUTION

SIGN

CAUTION

NOTE: CLASS 1, TYPE B EROSION MAT REQUIRED IN ALL DISTURBED AREAS ASSOCIATED WITH THE FORCE MAIN INSTALLATION PROJECT FROM STA 331+00 - STA 338+50

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
1004	335+95	CHIZ ☐ ON SE QUAD OF CTH OT & STH 35 ON CONCRETE RIM OF INLET	714.16

BM 1004

CTH 'OT' SIGNALIZED INTERSECTION

EXISTING GROUND

PROPOSED NB R/L PROFILE

PROPOSED PROFILE OVER FORCE MAIN

T.O.P. PROPOSED 16" F.M.

STA 334+00
T.O.P. = 710.30

STA 335+00
T.O.P. = 709.80

STA 337+00
T.O.P. = 708.70

+0.13 %

+0.13 %

720
715
710
705

331+00	331+50	332+00	332+50	333+00	333+50	334+00	334+50	335+00	335+50	336+00	336+50	337+00	337+50	338+00	338+50
719.73	719.73	719.66	719.80	719.79	719.86	719.87	719.93	720.00	719.99	720.04	720.06	720.16	720.12	720.35	720.19	720.42	720.25	720.38	720.32	720.50	720.38	720.45	720.45	720.34	720.51	720.49	720.58	720.42	720.63	720.47

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PROFILE	31	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050119_pp.dgn 7/31/2015 9:32:25 AM blehrli

NOTE: CLASS 1, TYPE B EROSION MAT REQUIRED IN ALL DISTURBED AREAS ASSOCIATED WITH THE FORCE MAIN INSTALLATION PROJECT FROM STA 331+00 - STA 338+50

SLOPE INTERCEPT AND SILT FENCE

SLOPE INTERCEPT

SAWCUT AND REMOVE EXISTING ASPHALT DRIVEWAY. REPLACE WITH 2-INCH ASPHALT PAVEMENT AND 6-INCH BASE AGGREGATE DENSE, 1-1/4-INCH.

STA 341+00, 60' LT

700 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

STA 341+50, 57' LT

STA 342+50, 50' LT

TRACER WIRE TERMINAL BOX

EXISTING PAVED SHOULDER DO NOT DISTURB

SIGN

SIGN

SIGN

R/W

R/W

60'

50'

CAUTION

CAUTION

MH

MH

MH

0 25 50

338+00 339+00 340+00 341+00 342+00 343+00 344+00 345+00

PROPOSED NB R/L PROFILE

-0.07 %

-0.27 %

PROPOSED PROFILE OVER FORCE MAIN

EXISTING GROUND

STA 339+50
T.O.P. = 709.20

T.O.P. PROPOSED 16" F.M.

STA 343+00
T.O.P. = 709.95

720
715
710
705

720.42 720.63 | 720.47 720.66 | 720.54 720.67 | 720.47 720.64 | 720.52 720.61 | 720.48 720.58 | 720.36 720.55 | 720.54 720.51 | 720.41 720.47 | 720.31 720.40 | 720.28 720.30 | 720.15 720.18 | 719.97 720.04 | 719.72 719.91 | 719.57 719.76 | 719.33 719.57

338+00 338+50 339+00 339+50 340+00 340+50 341+00 341+50 342+00 342+50 343+00 343+50 344+00 344+50 345+00 345+50

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PROFILE	32	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

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TRACER WIRE TERMINAL BOX

245 LF - 16" PVC FM

15

AIR RELEASE MH
W/48" X 54" HATCH
STA. 348+00, 50' LT
RIM = 718.95
I.E.= 710.50
BOTTOM MH = 709.45

445 LF - 16" PVC FM

R/W

345+00 346+00 347+00 348+00 349+00 350+00 351+00 352+00

50'

S.T.H. 35

CAUTION

CAUTION

SITE 47LC388

N

0 25 50

R/W

R/W

5

5

PROPOSED NB R/L PROFILE

PROPOSED PROFILE OVER FORCE MAIN

-0.65 %

EXISTING GROUND

T.O.P. PROPOSED 16" F.M.

STA 348+00
T.O.P. = 710.95

STA 349+50
T.O.P. = 709.35

STA 350+00
T.O.P. = 709.10

STA 352+00
T.O.P. = 707.60

720
715
710
705

719.63 719.76 719.44 719.57 719.22 719.36 718.95 719.11 718.63 718.83 718.51 718.52 718.31 718.20 718.12 717.87 717.74 717.55 717.36 717.22 716.99 716.90 716.64 716.57 716.41 716.25 716.12 715.92 715.74 715.60 715.42

345+00 345+50 346+00 346+50 347+00 347+50 348+00 348+50 349+00 349+50 350+00 350+50 351+00 351+50 352+00 352+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	33	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale.....$$

050121_pp.dgn 7/31/2015 9:32:26 AM blehrli

WISDOT/C

NO.	STA.	BM DESCRIPTION	ELEV.
1015	353+75	CHZL ☐ ON WEST END OF 60" RCCP CROSSDRAIN ON STH 35 IN SW QUAD OF ULMAN ST. & STH 35 ± 70' SOUTH OF INTERSECTION	712.510

ULMAN STREET

SIGN

TRACER WIRE TERMINAL BOX

R/W

SI

DO NOT DISTURB TREES BETWEEN STA 355+00 AND STA 361+50

TRACER WIRE TERMINAL BOX

160+00 161+00 162+00 163+00 164+00 165+00

141+00

352+00 353+00 354+00 355+00 356+00 357+00 358+00 359+00

50'

700 LF - 16" PVC FM

SIGN

142+00

R/W

CAUTION

SIGN

UTILITY POLE AT SLOPE EDGE. ADJUST GRADING TO AVOID GUY WIRE AND POLE

0 25 50

SPRUCE STREET

UTILITY POLE WITH LIGHT

UTILITY POLES IN DITCH/CUT SECTION ADJUSTMENT BY OTHERS

R/W

SPRUCE STREET

715 710 705 700

EXISTING GROUND

-0.63 %

STA 353+00
T.O.P. = 706.80

STA 353+70 NB
EXISTING 60" RCCP

PROPOSED 12" RCP
STORM SEWER

STA 353+70
T.O.P. = 706.25

PROPOSED PROFILE OVER FORCE MAIN

PROPOSED NB R/L PROFILE

PROPOSED 12" RCP
STORM SEWER

STA 355+50
T.O.P. = 704.50

T.O.P. PROPOSED 16" F.M.

STA 357+00
T.O.P. = 703.00

715.74	715.60	715.42	715.17	714.95	714.87	714.63	714.43	714.31	714.14	713.99	713.90	713.68	713.56	713.36	713.23	713.04	712.96	712.73	712.65	712.42	712.38	712.10	711.99	711.79	711.62	711.47	711.33	711.16
352+00		352+50	353+00		353+50		354+00		354+50		355+00		355+50		356+00		356+50		357+00		357+50		358+00		358+50		359+00		359+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PROFILE	34	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale.....$$

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WISDOT

PRIVATE STORM SEWER INTAKE DO NOT DISTURB

165+00 166+00 167+00 168+00

R/W

215 LF - 16" PVC FM

SCOTT DRIVE

00+96

PRIVATE STORM SEWER SYSTEM DO NOT DISTURB

505 LF - 16" PVC FM

INLET

INLET

SIGN

R/W

BM 1007

STA 364+75, 50' LT

POTHOLE UTILITY TO FIND EXACT ELEVATION OF WATER MAIN

STA 365+70, 55' LT

TRACER WIRE TERMINAL BOX

CAUTION

359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

50'

55'

B-32-09

AIR RELEASE MH
W/48" X 54" HATCH
STA. 361+50, 50' LT
RIM = 707.40
I.E. = 697.40
BOTTOM MH = 696.35

15

R/W

CAUTION

N

0 25 50

NO.	STA.	BM DESCRIPTION	ELEV.
1007	364+95	CHIZ X ON HYD RIM BOLT IN SW QUAD OF INTERSECTION OF PE AND STH 35, OPPOSITE INTERSECTION OF SPRING LAND AND STH 35	706.779

UTILITY POLES IN DITCH/CUT SECTION ADJUSTMENT BY OTHERS

UTILITY CABINET NEAR SLOPE INTERCPT LINE

SIGN

EXISTING SANITARY LINE•

SPRING LANE

•FOR EXISTING SANITARY LINE PROTECTION TEMORARY SHEETING IS REQUIRED FOR B-32-09 EXTENSION. CONFIRMATION OF LOCATION REQUIRED PRIOR TO SHEETING PLACEMENT.

PROPOSED NB R/L PROFILE

-0.63 %

EXISTING GROUND

PROPOSED PROFILE OVER FORCE MAIN

STA 361+50
T.O.P. = 698.85

T.O.P. PROPOSED 16" F.M.

STA 363+00
T.O.P. = 698.00

STA 364+00
T.O.P. = 697.50

STA 365+00
T.O.P. = 696.50

710 705 700 695

710.85 710.85 | 710.61 710.53 | 710.16 710.22 | 709.81 709.90 | 709.38 709.59 | 709.03 709.28 | 708.76 708.96 | 708.54 708.66 | 708.43 708.41 | 708.24 708.20 | 708.03 708.05 | 707.90 707.94 | 707.79 707.88 | 707.68 707.87 | 707.54 707.91

359+50 360+00 360+50 361+00 361+50 362+00 362+50 363+00 363+50 364+00 364+50 365+00 365+50 366+00 366+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PLOTTING	35	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale....$$

050123_pp.dgn 7/31/2015 9:32:27 AM blehrli

WISDOT/CADDS SHEET 40

COORDINATE PLACEMENT WITH B-32-09 EXTENSION

390 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

EXISTING UTILITY POLE LOCATED IN DITCH/CUT SECTION

STA 370+65, 65' LT
1 - 22.5° BEND

EVERGREEN WAY

285 LF - 16" PVC FM

STA 372+25, 65' LT

STA 373+25, 60' LT

STA 370+40, 55' LT
1 - 22.5° BEND
27 LF - 16" PVC FM

EXISTING SANITARY LINE*

EXISTING ABOVE GROUND GAS VALVE ASSEMBLY DO NOT DISTURB

EXISTING UTILITY POLE WITH LIGHT

PROPOSED WATER LINE PLACEMENT PRIOR TO ROADWAY CONTRACT. CONFIRMATION OF LOCATION DEPTH REQUIRED PRIOR TO STRUCTURE EXCAVATION

•FOR EXISTING SANITARY LINE PROTECTION SHEETING IS REQUIRED FOR B-32-09 EXTENSION. CONFIRMATION OF LOCATION REQUIRED PRIOR TO SHEETING PLACEMENT.

WALDEN PLACE

PROPOSED NB R/L PROFILE

+0.16%

EXISTING GROUND

PROPOSED 12" RCP STORM SEWERS

PROPOSED PROFILE OVER FORCE MAIN

PROPOSED 24" RCP STORM SEWER

2" RIGID INSULATION

T.O.P. PROPOSED 16" F.M.

STA 368+00
T.O.P. = 695.45

STA 371+00
T.O.P. = 697.00

STA 372+00
T.O.P. = 697.50

366+50	367+00	367+50	368+00	368+50	369+00	369+50	370+00	370+50	371+00	371+50	372+00	372+50	373+00	373+50
707.54 / 707.91	707.62 / 707.99	707.81 / 708.06	707.90 / 708.15	708.00 / 708.22	708.05 / 708.30	708.16 / 708.37	708.27 / 708.45	708.34 / 708.52	708.64 / 708.61	708.49 / 708.60	708.55 / 708.76	708.60 / 708.83	708.65 / 708.91	708.72

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PLOT	
				36 E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale....$$

050124_pp.dgn 7/31/2015 9:32:28 AM blehrli

WISDOT/CADDS SHEET 40

405 LF - 16" PVC FM

AIR RELEASE MH
W/48" X 54" HATCH
STA. 376+50, 60' LT
RIM = 709.00
I.E.= 699.55
BOTTOM MH = 698.50

16

285 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

SIGN

R/W

CAUTION

60'

CANOPY

MH

PROPOSED WATER LINE
PLACEMENT PRIOR TO
ROADWAY CONTRACT.
CONFIRMATION OF LOCATION/
DEPTH REQUIRED FOR ROADWAY
EXCAVATION

0 25 50

PROPOSED NB R/L PROFILE

EXISTING GROUND

+0.16%

PROPOSED 18" RCP
STORM SEWER

PROPOSED PROFILE OVER FORCE MAIN

STA 375+00
T.O.P. = 698.70

STA 376+50
T.O.P. = 701.00

STA 377+50
T.O.P. = 699.70

T.O.P. PROPOSED 16" F.M.

STA 379+00
T.O.P. = 697.60

715
710
705
700

708.72 708.99 | 708.74 709.07 | 708.76 709.14 | 708.86 709.22 | 708.92 709.30 | 709.09 709.38 | 709.07 709.45 | 709.10 709.53 | 709.22 709.61 | 709.25 709.69 | 709.30 709.76 | 709.40 709.84 | 709.48 709.92 | 709.59 710.00 | 709.68 710.07

373+50 374+00 374+50 375+00 375+50 376+00 376+50 377+00 377+50 378+00 378+50 379+00 379+50 380+00 380+50

PROJECT NO: 7190-06-81	HWY: STH 35	COUNTY: LA CROSSE	PLAN AND PLOT	37	E

FILE NAME $$:...designfile....$$ PLOT DATE $$:...plottingdate...$$ PLOT BY $$:...plotuser...$$ PLOT NAME : PLOT SCALE $$:....plotscale....$$

050125_pp.dgn 7/31/2015 9:32:29 AM blehrli

WISDOT/CADDS SHEET 40

SITE 47LC397

TRACER WIRE TERMINAL BOX

SAFETY FENCE REQUIRED. ARCHAEOLOGICAL SITE PROTECTION. NO SOIL DISTURBANCE BEYOND FENCE

700 LF - 16" PVC FM

TRACER WIRE TERMINAL BOX

SIGN

R/W

60'

CAUTION

CAUTION

0 25 50

PROPOSED NB R/L PROFILE

+0.16%

PROPOSED PROFILE OVER FORCE MAIN

EXISTING GROUND

STA 386+90 NB EXISTING 24" RCCP TO BE REMOVED

STA 381+00 T.O.P. = 698.00

T.O.P. PROPOSED 16" F.M.

STA 385+00 T.O.P. = 699.15

380+00	380+50	381+00	381+50	382+00	382+50	383+00	383+50	384+00	384+50	385+00	385+50	386+00	386+50	387+00	387+50
709.59	709.79	709.79	709.86	709.87	709.90	709.93	710.06	710.22	710.21	710.23	710.22	710.22	710.46	710.48	710.57
710.00	710.07	710.15	710.23	710.31	710.38	710.46	710.54	710.62	710.69	710.77	710.85	710.93	711.00	711.08	711.16

710 705 700 695

PROJECT NO:7190-06-81 | HWY:STH 35 | COUNTY:LA CROSSE | PLAN AND PROFILE | 38 | E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

050126_pp.dgn 7/31/2015 9:32:29 AM blehrli

SITE 47LC397

STATION EQUATION
STA 106+24.28, 0' RT =
STA 392+04.95, 99.43' LT

STA 392+04.95, 99.43' LT
1 - 16" PLUG
END OF F.M. PROJECT

EXISTING CURB & GUTTER
DO NOT DISTURB

EXISTING UTILITY POLE
WITH LIGHT

420 LF - 16" PVC FM

TRACER WIRE
TERMINAL BOX

AIR RELEASE MH
W/48" X 54" HATCH
STA. 391+50, 60' LT
RIM = 709.75
I.E.= 700.05
BOTTOM MH = 699.00

STA 391+69.4, 60' LT
1 - 45° BEND
11 LF - 16" PVC FM

60'

27+05

INL

CAUTION

R/W

SIGN

NO.	STA.	BM DESCRIPTION	ELEV.

PROPOSED NB R/L PROFILE

+0.16%

EXISTING GROUND

PROPOSED PROFILE
OVER FORCE MAIN

T.O.P. PROPOSED 16" FM

STA 390+00
T.O.P. = 700.50

STA 391+50
T.O.P = 701.50

STA 392+04.95
T.O.P. 701.25

STA 392+90 NB
EXISTING 12" RCCP
(TO REMAIN)

STA 393+87 NB
EXISTING 12" RCCP
(TO REMAIN)

715 / 710 / 705 / 700

710.48	710.57	710.70	710.58	710.86	710.93	711.27	711.31	711.61	711.84	711.98	712.13	712.23	712.32	712.43
711.08	711.16	711.24	711.31	711.39	711.47	711.55	711.62	711.70	711.78	711.86	711.93	712.06	712.13	712.17

387+00 387+50 388+00 388+50 389+00 389+50 390+00 390+50 391+00 391+50 392+00 392+50 393+00 393+50 394+00

PROJECT NO:7190-06-81	HWY:STH 35	COUNTY:LA CROSSE	PLAN AND PROFILE	39	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 40

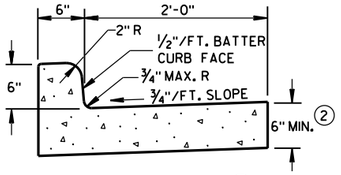
050127_pp.dgn 7/31/2015 9:32:30 AM bkehrli

Standard Detail Drawing List

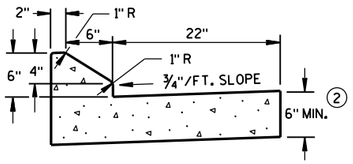
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-16A	CURB RAMPS TYPES 1 AND 1-A
08D05-16B	CURB RAMPS TYPES 2 AND 3
08D05-16C	CURB RAMPS TYPES 4A AND 4A1
08D05-16D	CURB RAMPS TYPE 4B AND 4B1
08D05-16E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
13C13-08	URBAN DOWELED CONCRETE PAVEMENT
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D27-02	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

6

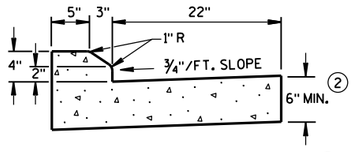
6



TYPES A & D ①

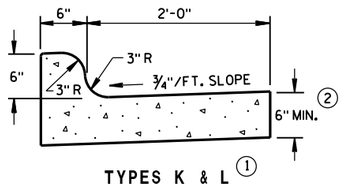


6" SLOPED CURB TYPES G & J ①

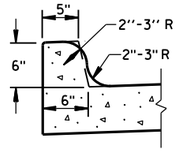


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

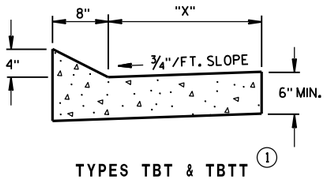


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

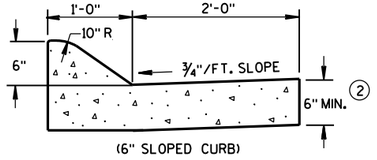
CONCRETE CURB & GUTTER 30"



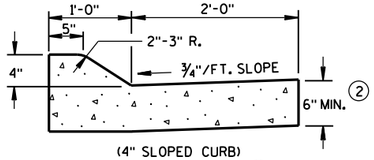
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

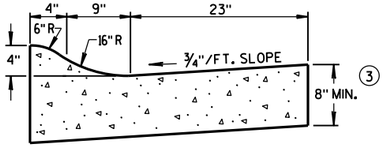


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ① ④

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

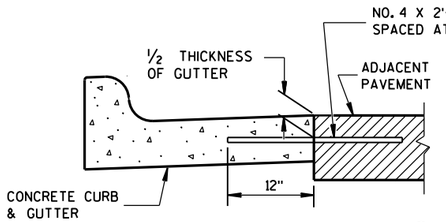
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

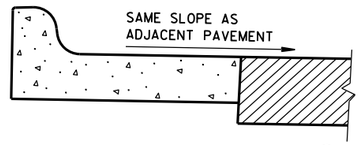
③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

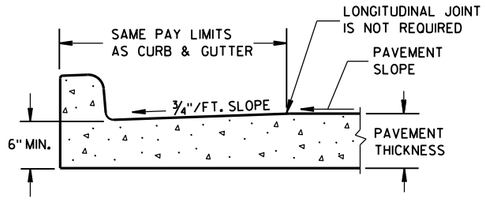
⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



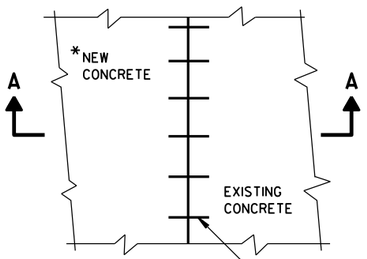
TYPICAL TIE BAR LOCATION ①



REVERSE SLOPE GUTTER ⑤
(TYPICAL FOR ALL CURB & GUTTER TYPES)

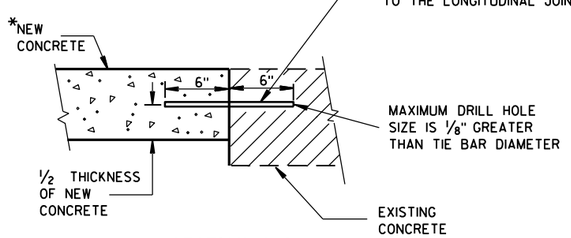


PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



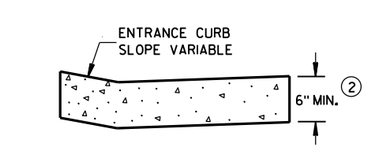
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

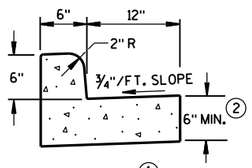


SECTION A-A

TIE BARS DRILLED
INTO EXISTING PAVEMENT

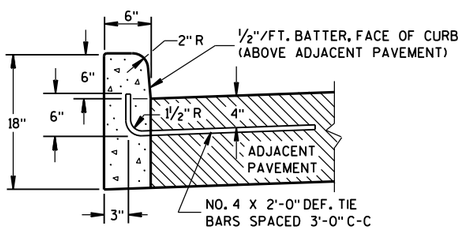


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

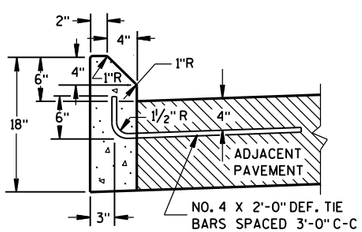


① TYPES A & D

CONCRETE CURB & GUTTER 18"

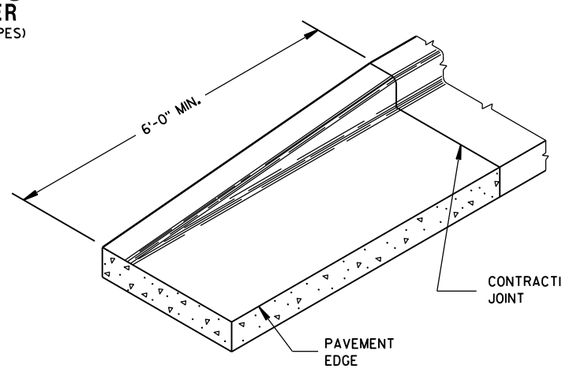


① TYPES A & D



① TYPES G & J

CONCRETE CURB



END SECTION CURB & GUTTER

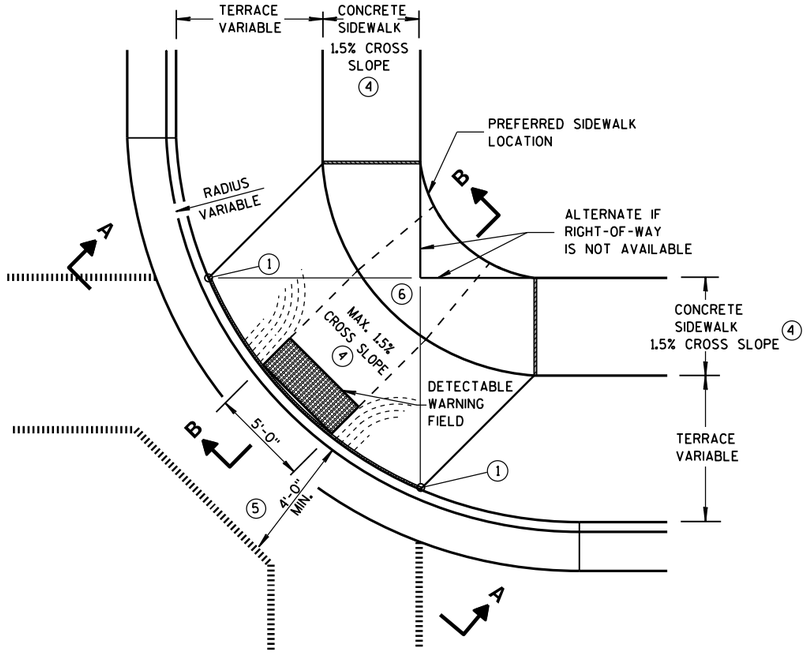
CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

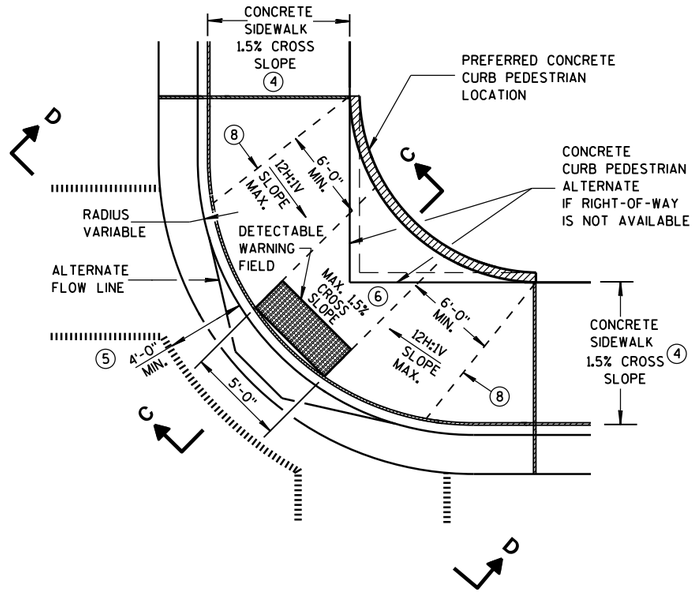
S.D.D. 8 D 1-18



PLAN VIEW

TYPE 1 RAMP

(CENTER OF CORNER RADIUS)



PLAN VIEW

TYPE 1-A RAMP

(NO TERRACE)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED.

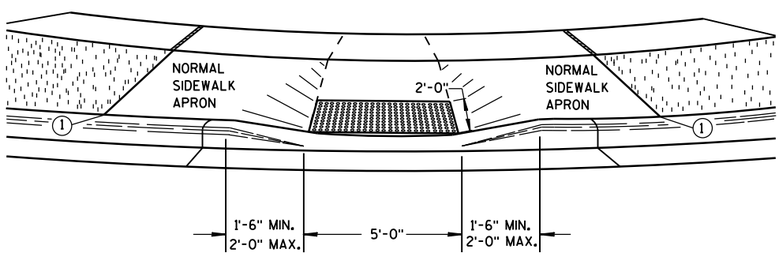
(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

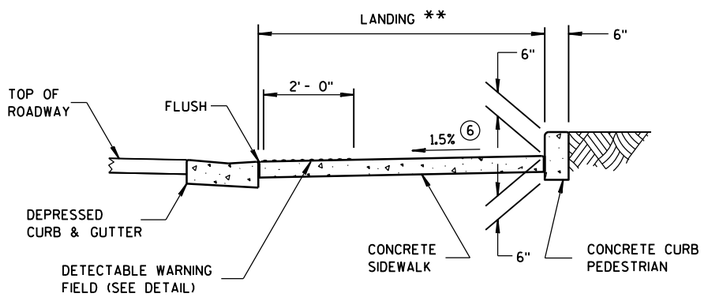
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.



VIEW A-A

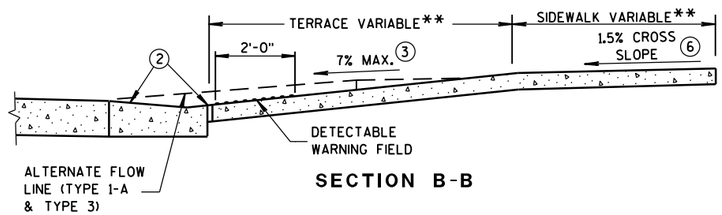
** WIDTH SHOWN ELSEWHERE IN THE PLANS



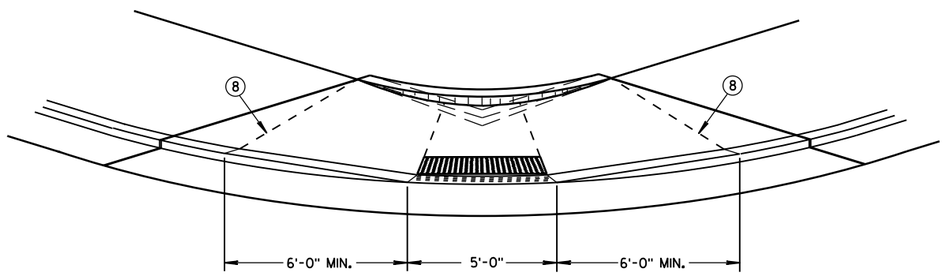
SECTION C-C

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



SECTION B-B

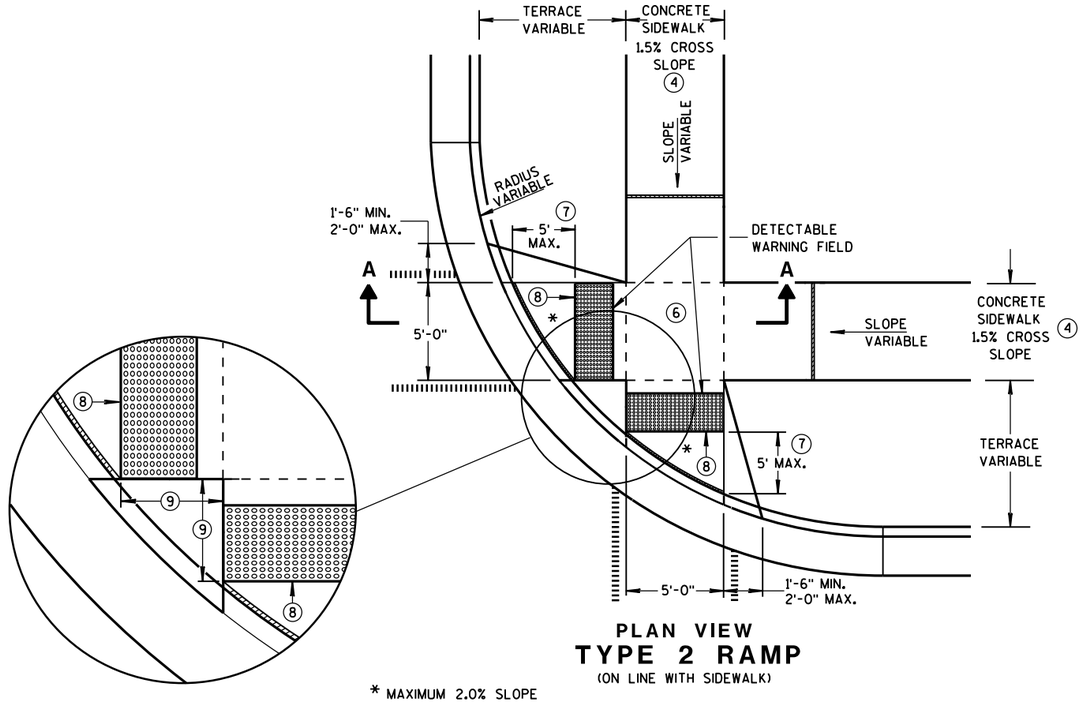


VIEW D-D

CURB RAMPS TYPES 1 AND 1-A

6

S.D.D. 8 D 5-16a

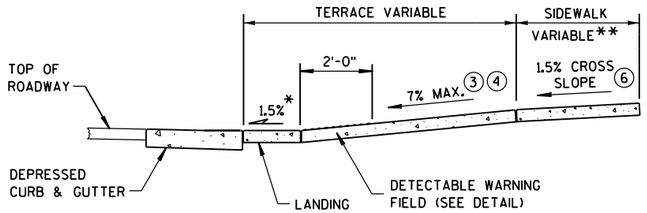


PLAN VIEW

TYPE 2 RAMP

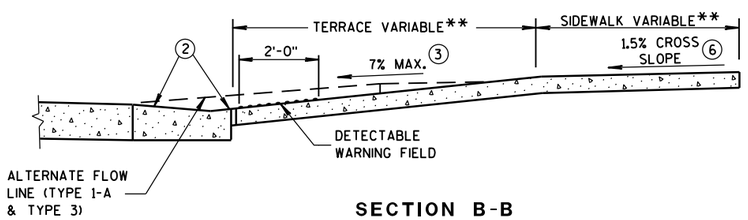
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B

GENERAL NOTES

USE THE TYPE 3 RAMP ONLY WHEN A TYPE 1 OR TYPE 2 CANNOT BE ACHIEVED BECAUSE OF FIELD CONDITIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

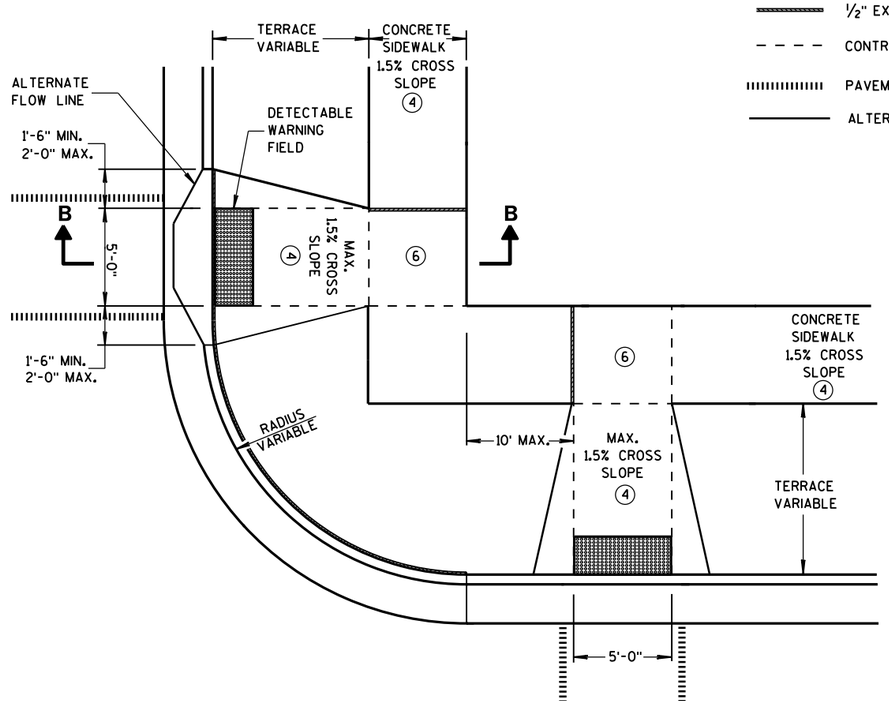
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, USE MULTIPLE DETECTABLE WARNING PANELS ACROSS THE RAMP AND STAGGER ADDITIONAL DETECTABLE WARNING PANEL(S) FORWARD TO REDUCE THIS DISTANCE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. 2" MINIMUM CURB HEIGHT.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

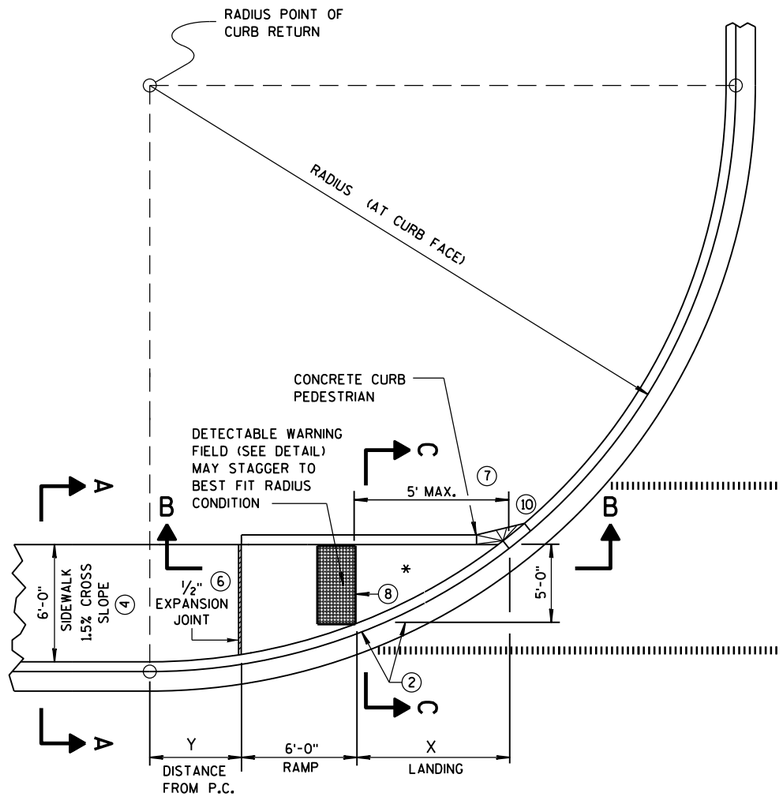
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

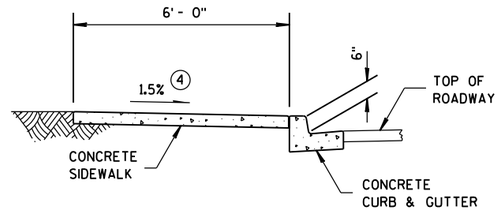
S.D.D. 8 D 5-16b



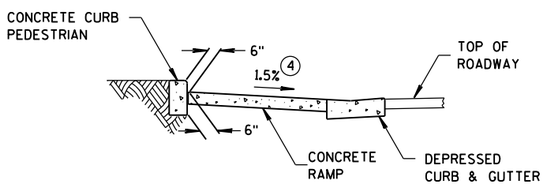
CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X	Y
20 FEET	6'-1¾"	2'-7¼"
30 FEET	7'-11¾"	4'-8¼"
40 FEET	9'-5¼"	6'-5"
50 FEET	10'-8¾"	7'-11¼"
60 FEET	11'-10¼"	9'-3½"

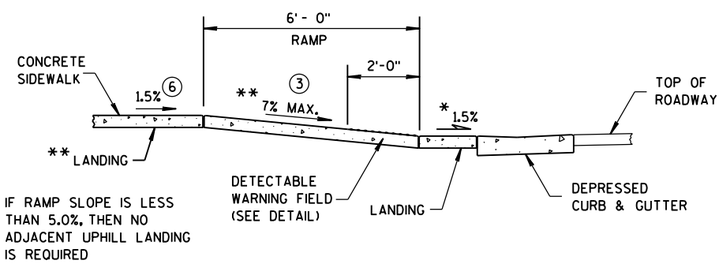
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

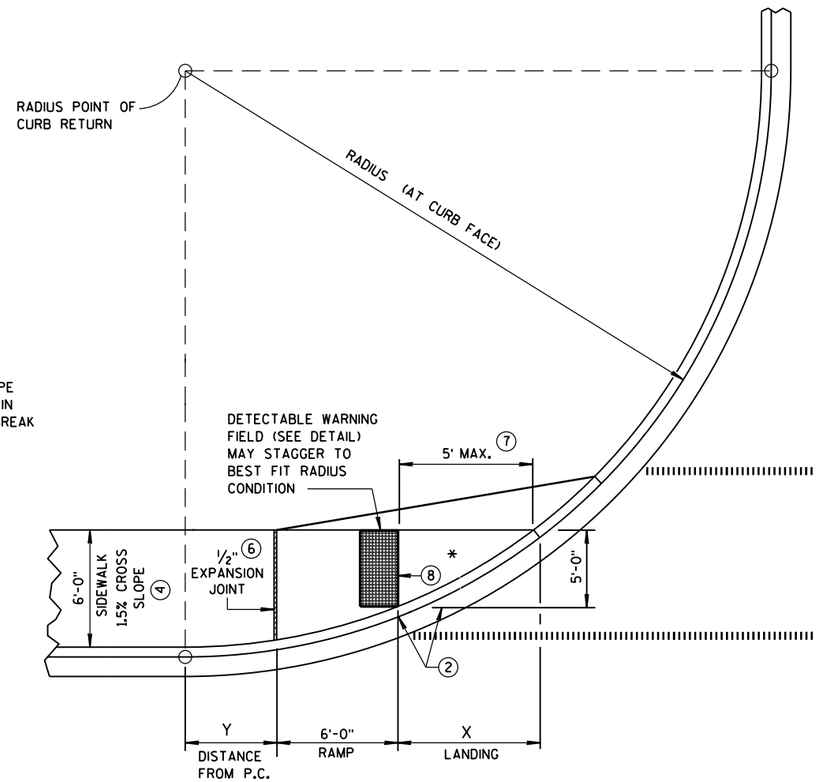


SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



CURB RAMP TYPE 4A1
PLAN VIEW

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

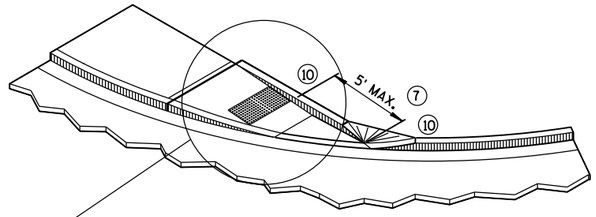
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

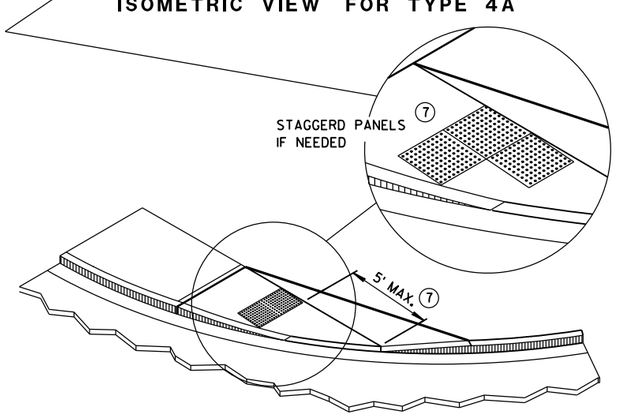
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, USE MULTIPLE DETECTABLE WARNING PANELS ACROSS THE RAMP AND STAGGER ADDITIONAL DETECTABLE WARNING PANEL(S) FORWARD TO REDUCE THIS DISTANCE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

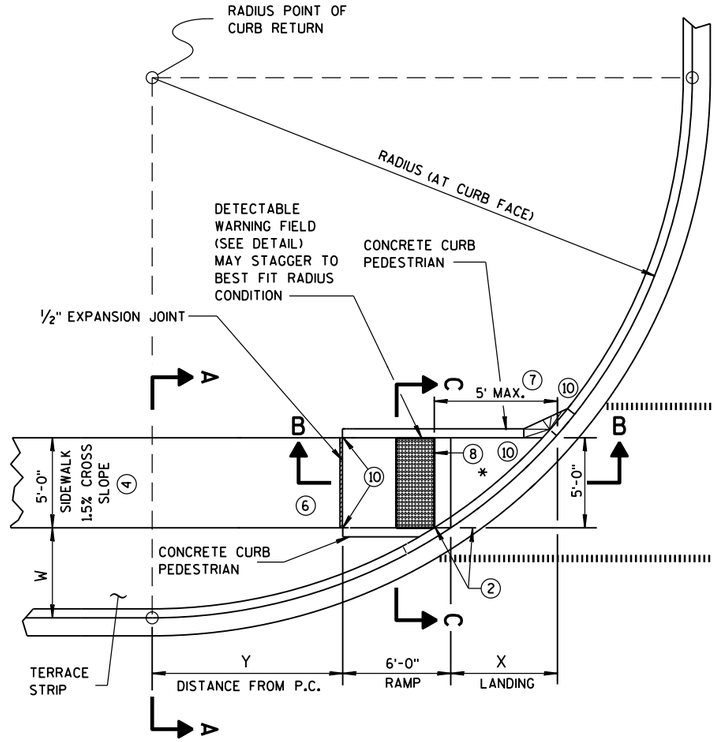
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 4A AND 4A1

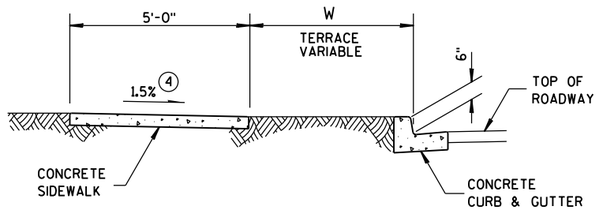
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

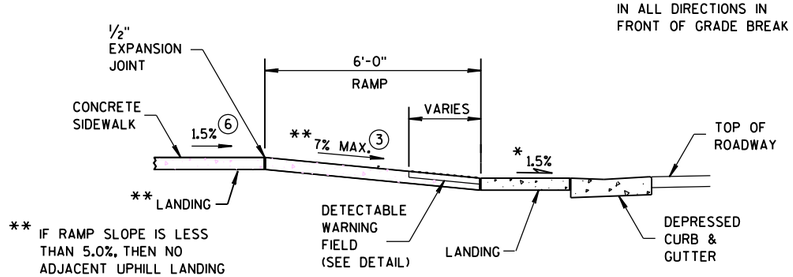
S.D.D. 8 D 5-16c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

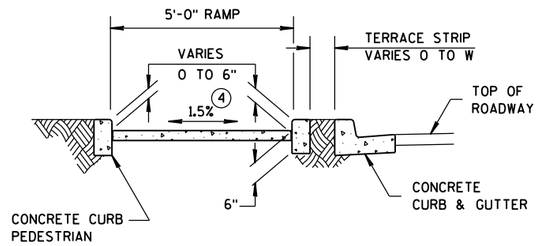
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-5½"	4'-6½"	4'-8½"	6'-0"	4'-1"	7'-2¾"	3'-7"	8'-3½"	3'-1½"	9'-2½"
30 FEET	7'-3¾"	7'-1"	6'-5½"	8'-11½"	5'-9¼"	10'-7"	5'-2½"	12'-0"	4'-8¾"	13'-3¼"
40 FEET	8'-9½"	9'-2½"	7'-10"	11'-5¼"	7'-1"	13'-4½"	6'-5¾"	15'-¾"	5'-11½"	16'-7¼"
50 FEET	10'-¾"	11'-¾"	9'-¼"	13'-7¼"	8'-2½"	15'-9½"	7'-6½"	17'-9"	6'-11¾"	19'-6¼"
60 FEET	11'-2½"	12'-8¾"	10'-¾"	15'-6½"	9'-2¼"	17'-11¾"	8'-5¾"	20'-1¾"	7'-10½"	22'-1½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

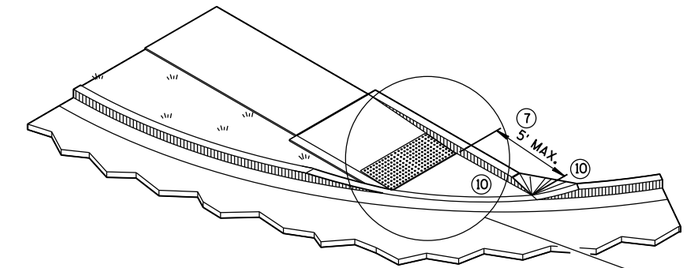
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

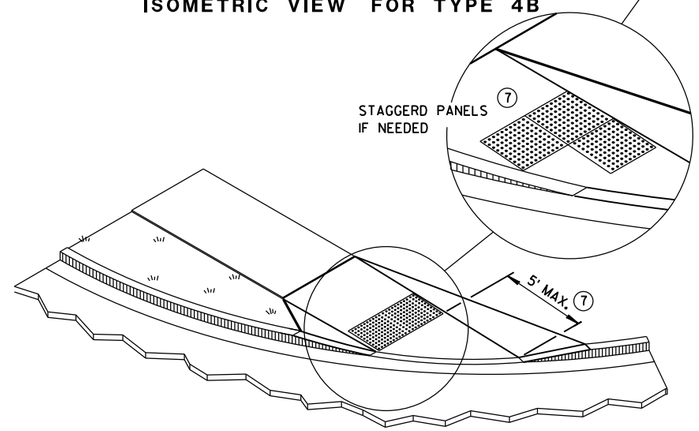
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, USE MULTIPLE DETECTABLE WARNING PANELS ACROSS THE RAMP AND STAGGER ADDITIONAL DETECTABLE WARNING PANEL(S) FORWARD TO REDUCE THIS DISTANCE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

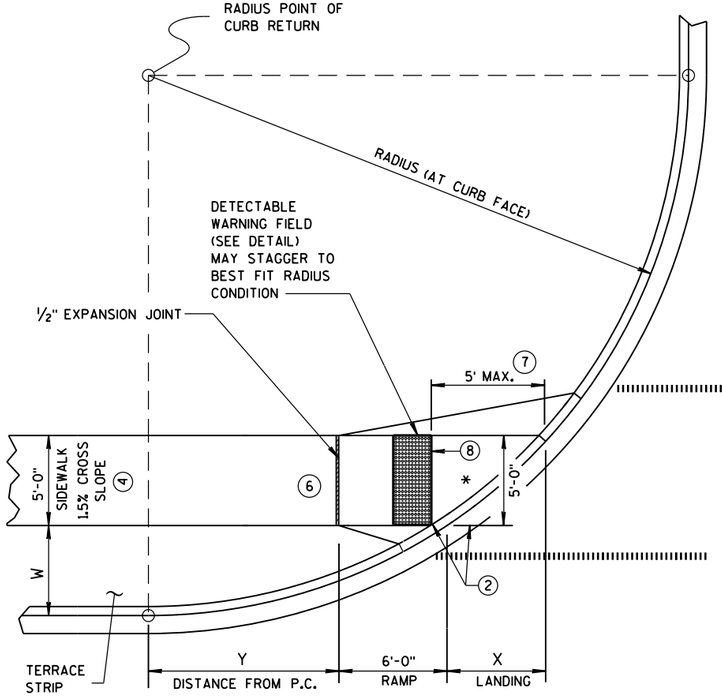
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



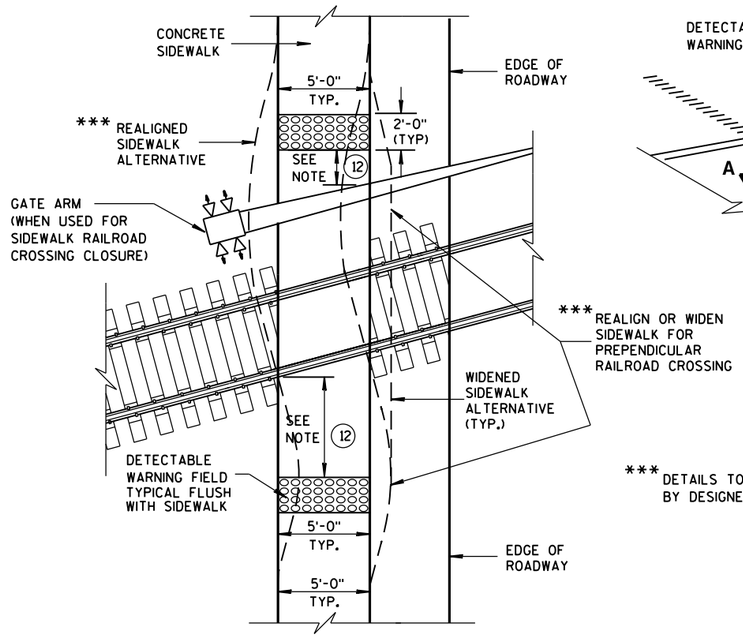
CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

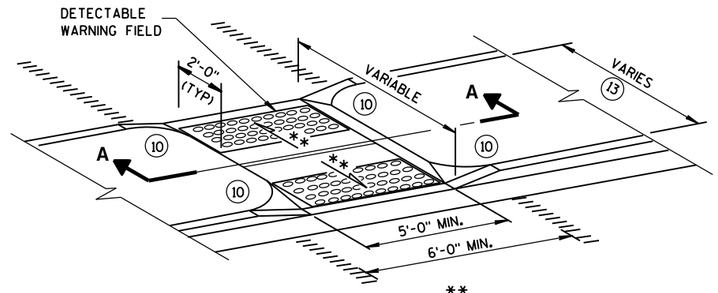
6

S.D.D. 8 D 5-16d



TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING

*** DETAILS TO BE DETERMINED BY DESIGNER



** 1% MIN. (PROVIDE DRAINAGE)

MEDIAN ISLAND
NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

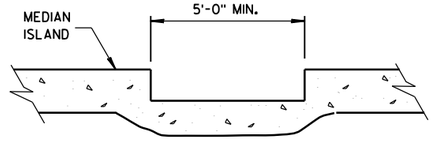
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

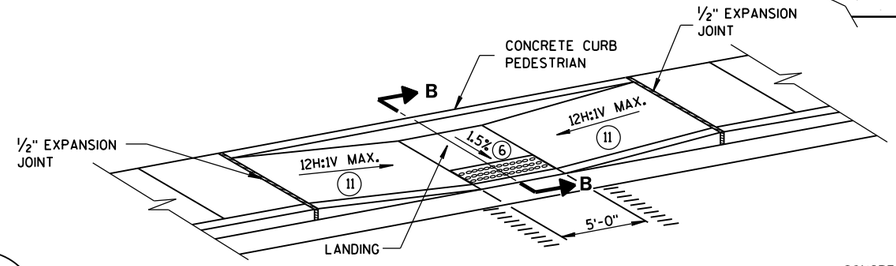
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



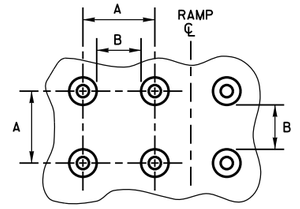
SECTION A-A



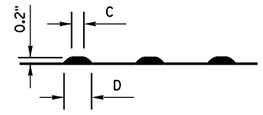
MID-BLOCK CROSSING
TYPE 7A

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

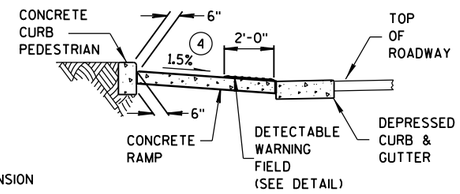


PLAN VIEW

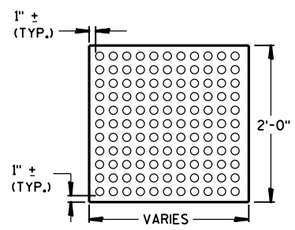


ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



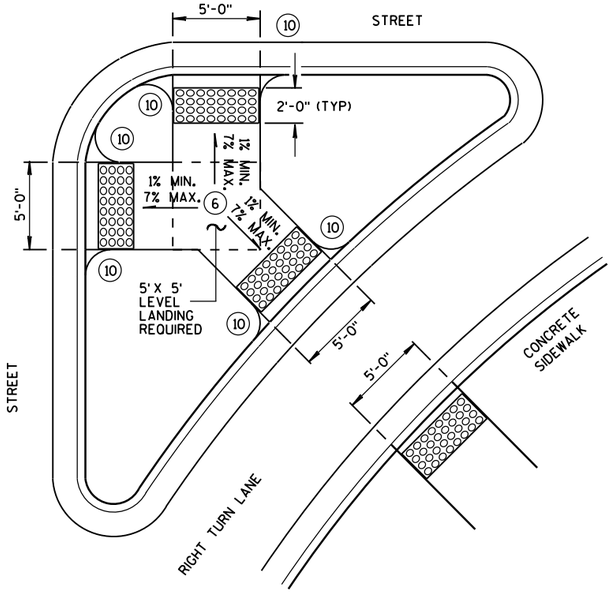
SECTION B-B



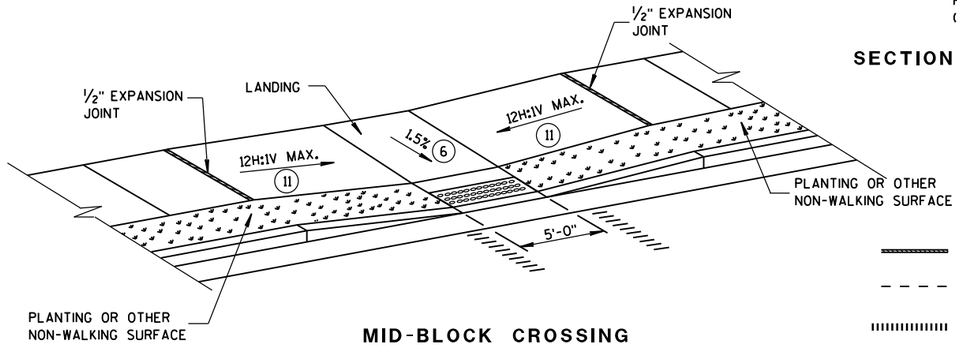
PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

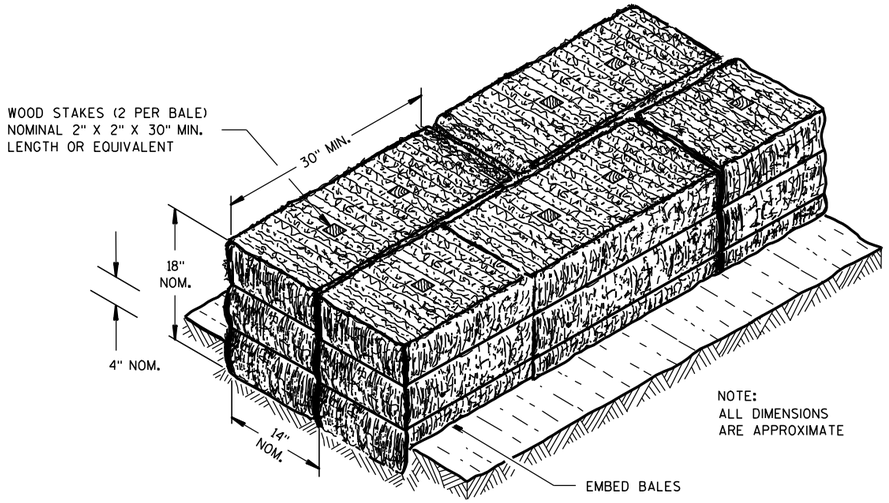
CURB RAMPS
TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

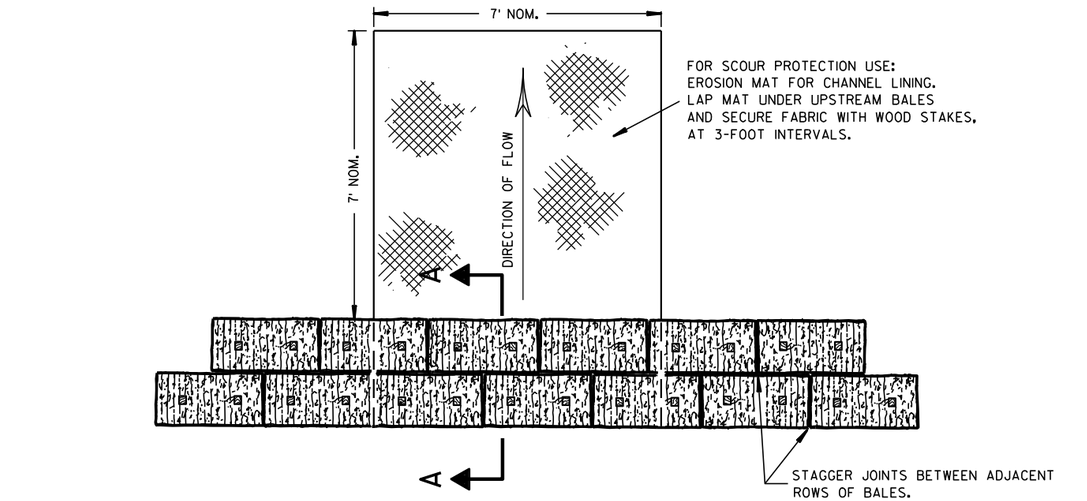
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

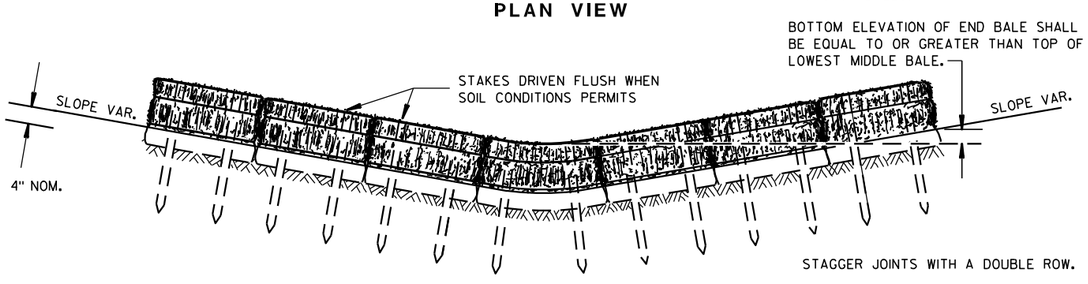
S.D.D. 8 D 5-16e



SECTION A-A



PLAN VIEW



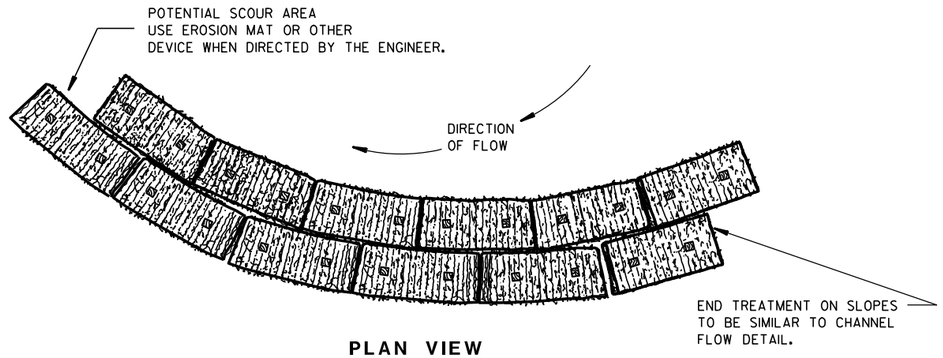
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

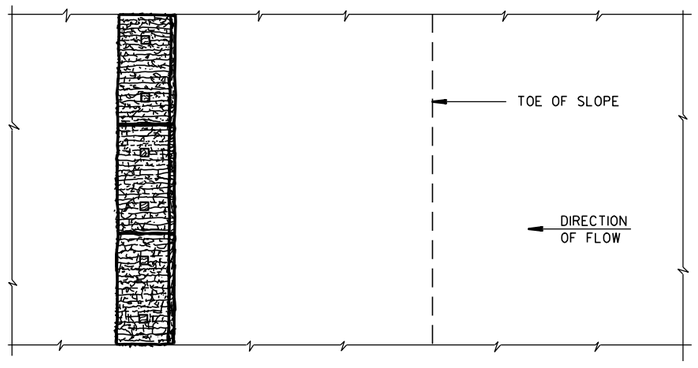
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

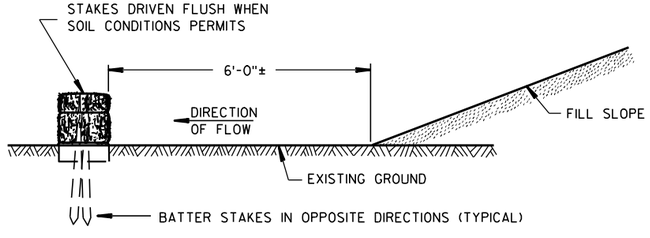


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

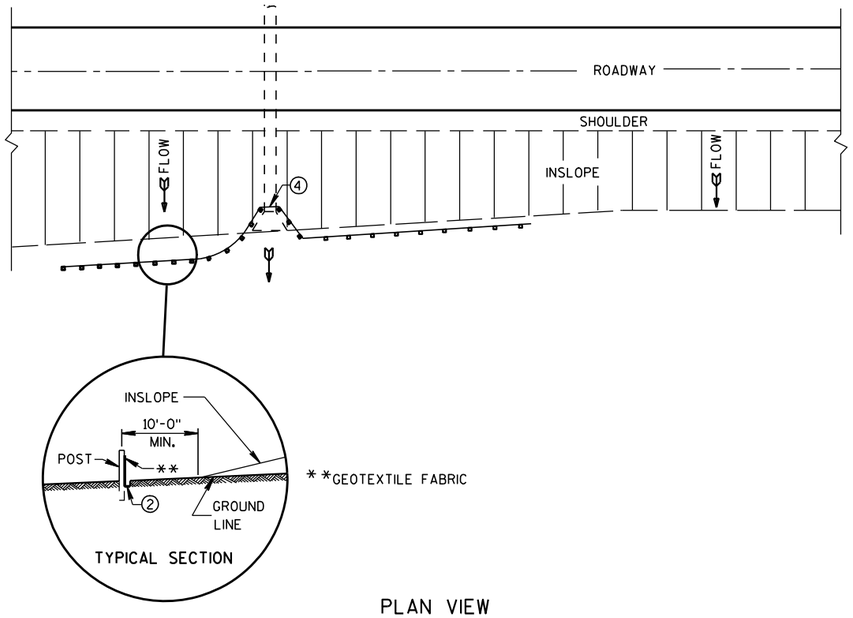
FHWA

6

S.D.D. 8 E 8-3

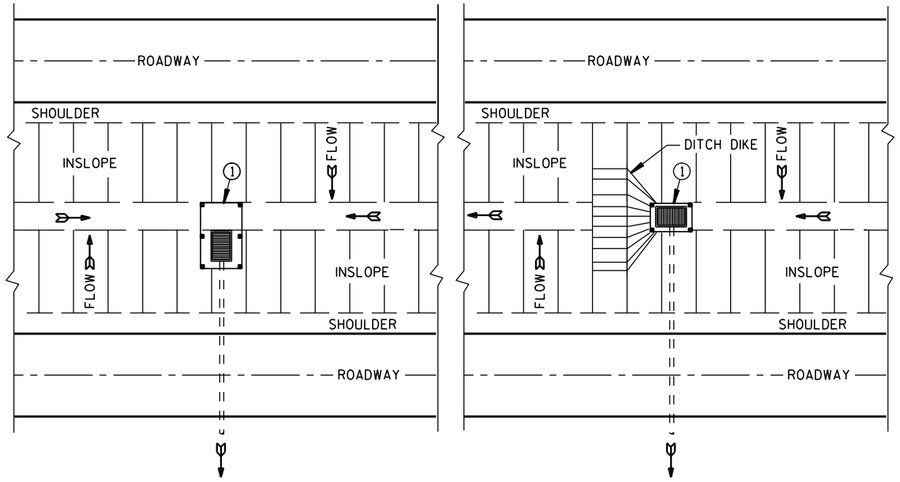
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

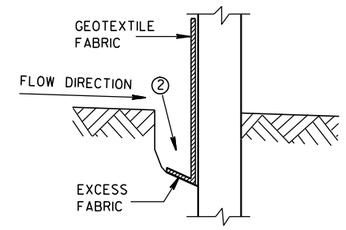
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

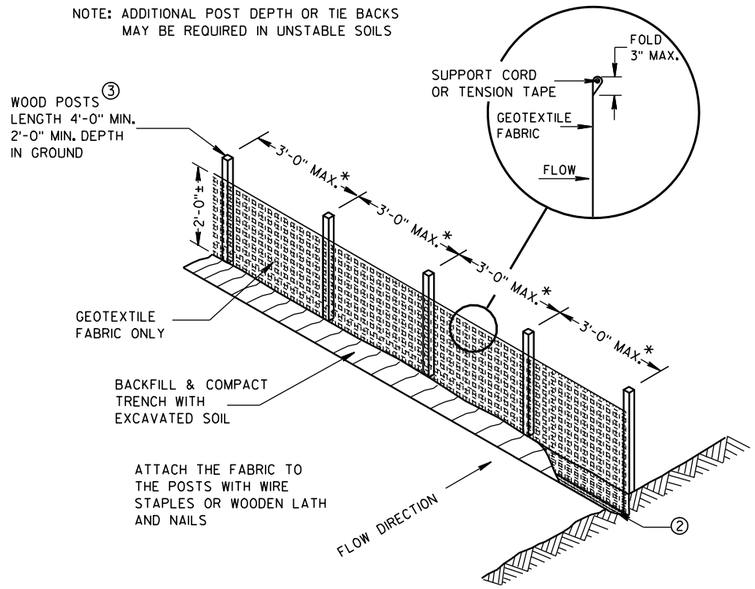
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

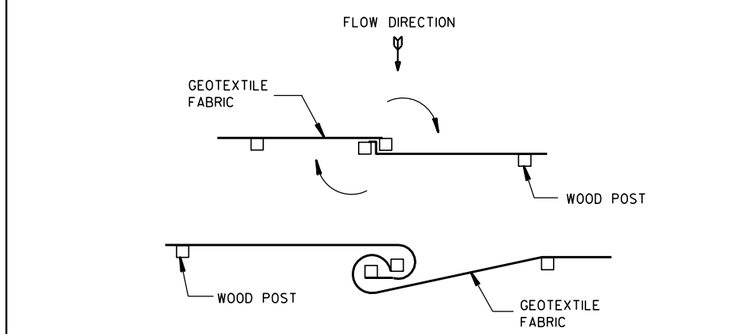
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



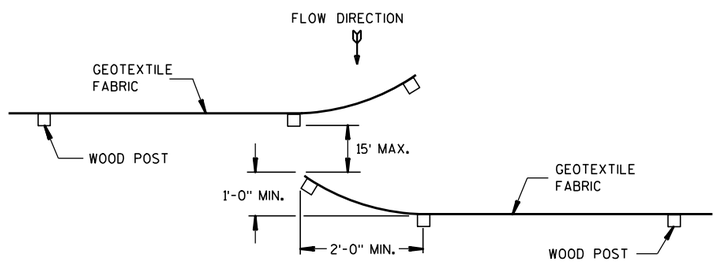
TRENCH DETAIL



SILT FENCE

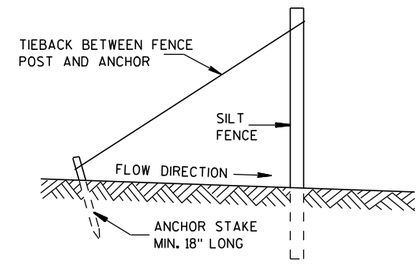


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

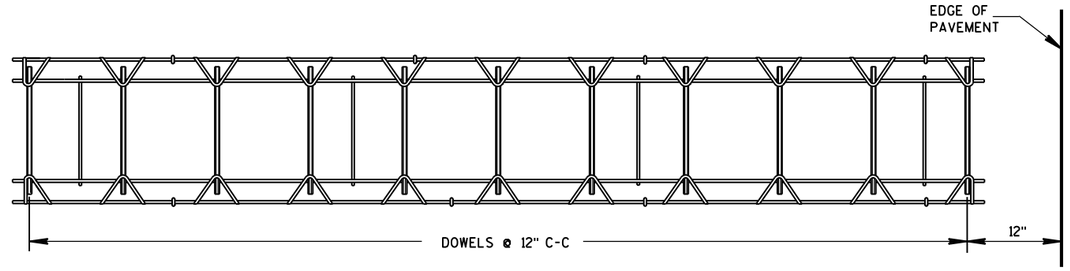
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

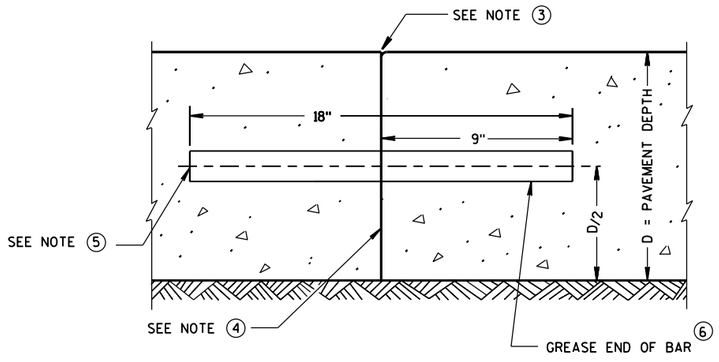


PLAN VIEW

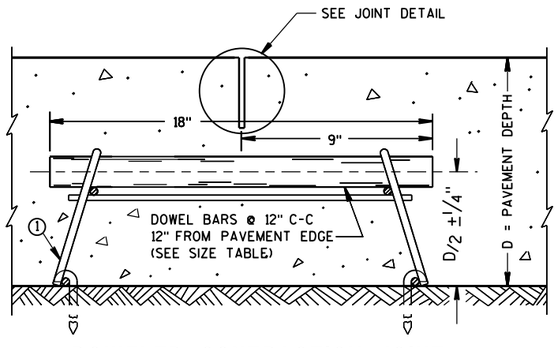


SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY ①



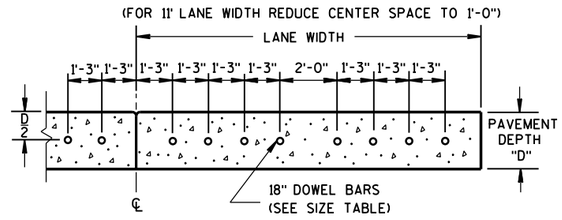
TRANSVERSE CONSTRUCTION JOINT



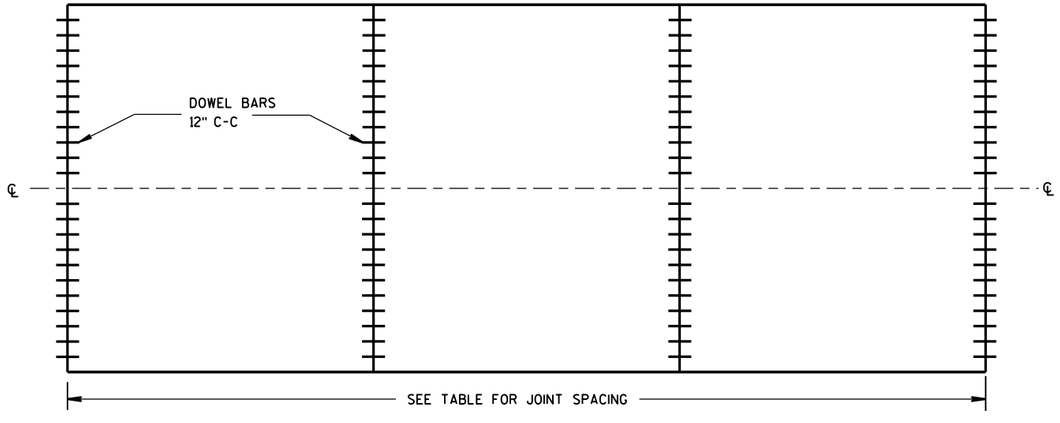
DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



DRILLED DOWEL BAR CONSTRUCTION JOINT ⑦



CONTRACTION JOINT LOCATIONS

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT SEAL OR FILL CONTRACTION JOINTS.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE LONGITUDINAL JOINT AND THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① **OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.**

② SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

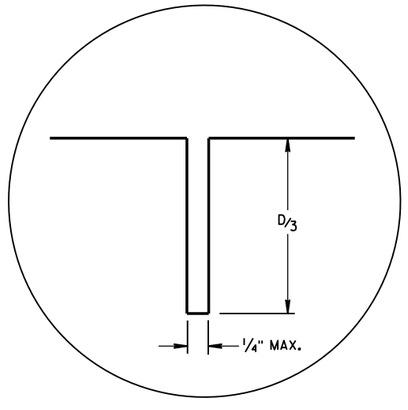
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼-INCH RADIUS AT FORMED JOINTS.

④ PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

⑤ INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.

⑥ APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

⑦ ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



JOINT DETAIL

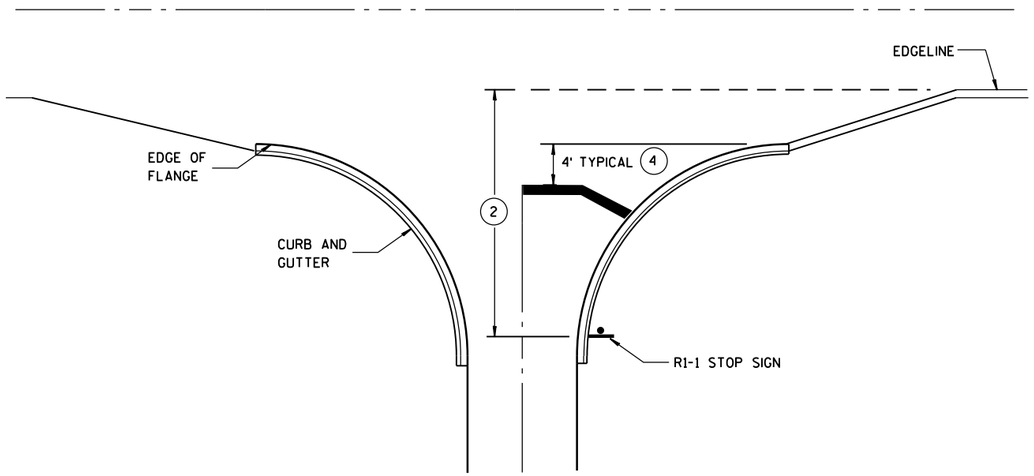
URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

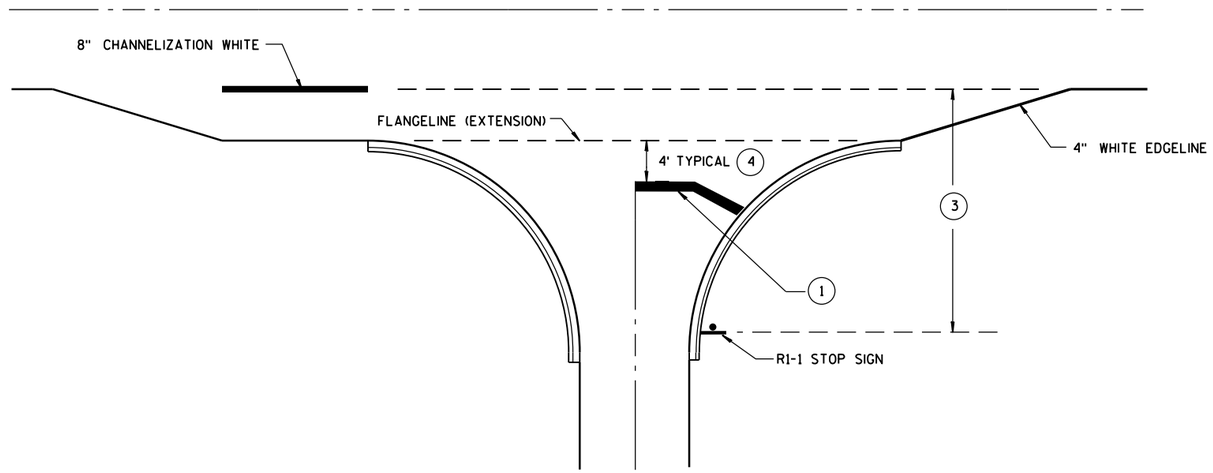
APPROVED
5/3/2013 DATE
/S/ Deb Bischoff
PAVEMENT POLICY & DE
FHWA

6

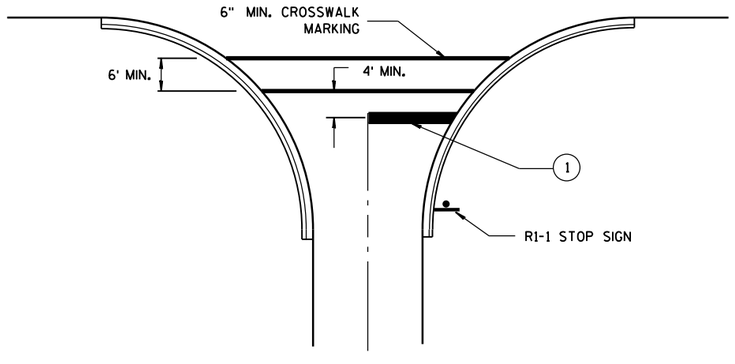
S.D.D. 13 C 13-8



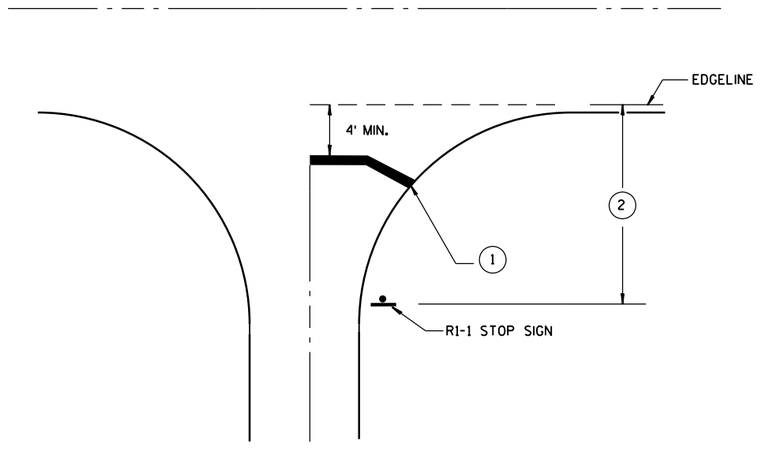
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/30/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

FHWA

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S.D.D. 15 C 33-1

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

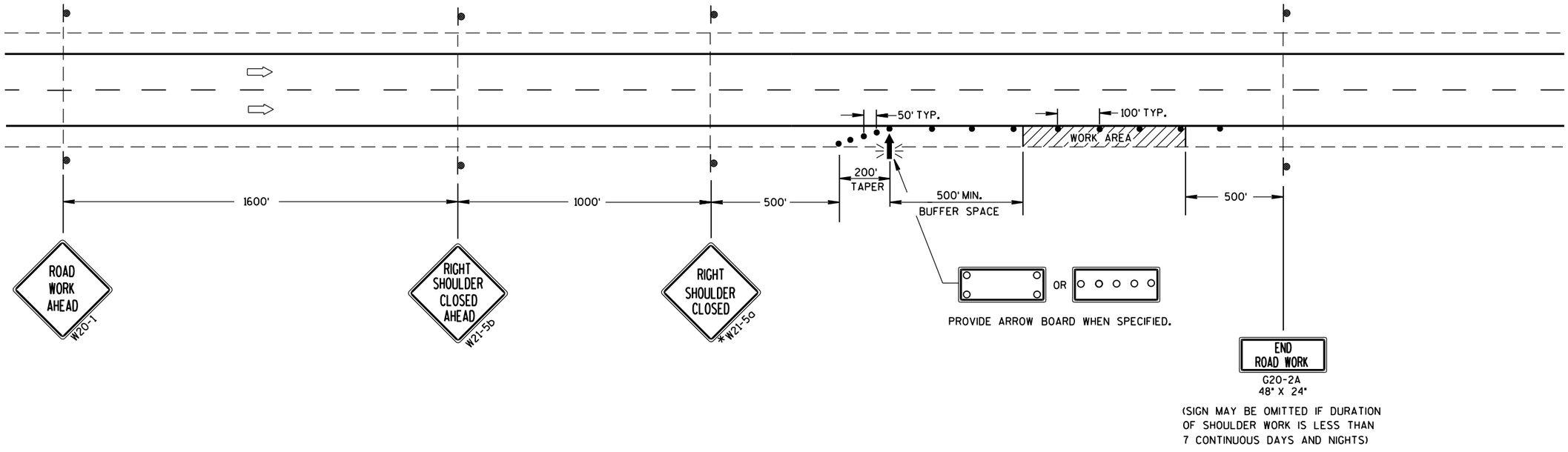
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

FHWA

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