NCL

DEC 2015

PROJECT ID: 6627-01-70

WITH: N/A

COUNTY: GREEN LAKE

ORDER OF SHEETS

TOTAL SHEETS = 38

19

N

DESIGN DESIGNATION

A.A.D.T. 2016	=	<100 (est.)
A.A.D.T. 2036	=	<100 (est.)
D.H.V. 2036	=	<15 (est.)
D.	=	60/40 (est.)
T.	=	10% (est.)
DESIGN SPEED	=	25 mph
ESALS	=	14,600 (est.)

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)
- HIGH VOLTAGE (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA
- EDGE OF STREAM
- RAILROAD
- FENCE

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

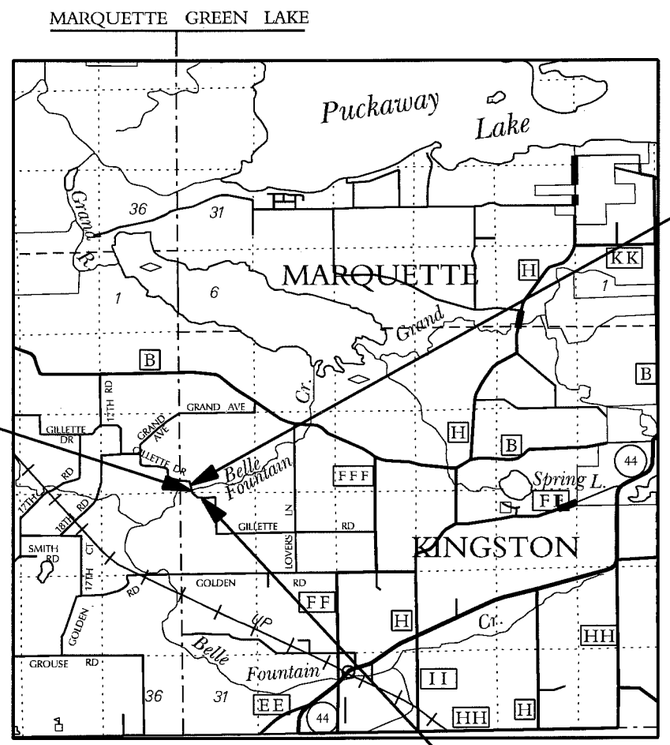
T KINGSTON, GILLETTE DRIVE

BELLE FOUNTAIN CRK BRIDGE B-24-0042

TOWN ROAD
GREEN LAKE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6627-01-70	WISC 2015647	1

STATE PROJECT NUMBER
6627-01-70



LAYOUT

Scale 0 1 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.095 MI.

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Green Lake County.

ACCEPTED FOR TOWN OF KINGSTON

7/2/15 DATE — Allen Hoffmann SIGNATURE

ACCEPTED FOR GREEN LAKE COUNTY

6/30/15 DATE — Amy M. Brooks HIGHWAY COMMISSIONER

ORIGINAL PLANS PREPARED BY:

MSA PROFESSIONAL SERVICES — TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL
1230 South Boulevard Baraboo, WI 53913
608-356-2771 1-800-362-4525 Fax: 608-356-2770
© MSA PROFESSIONAL SERVICES

WISCONSIN
LEAH J. RHODES
E-41726
BARABOO WI
PROFESSIONAL ENGINEER

6-29-2015 Date — Leah J Rhodes Signature

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	MSA Professional Services, Inc.
Designer	MSA Professional Services, Inc.
Management Consultant	Cedar Corporation

APPROVED FOR THE DEPARTMENT

DATE: 7-29-2015 (Management Consultant Signature)

E

STANDARD ABBREVIATIONS

AC	ACRE
AGG	AGGREGATE
<	ANGLE
ASPH	ASPHALTIC
AC	ASPHALT CEMENT
ADT	AVERAGE DAILY TRAFFIC
B & B	BALLED AND BURLAPPED
BM	BENCH MARK
CB	CATCH BASIN
℄ OR C/L	CENTER LINE
C-C	CENTER TO CENTER
CONC	CONCRETE
CO	COUNTY
CTH	COUNTY TRUNK HIGHWAY
CY	CUBIC YARD
CULV	CULVERT
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DIA OR ϕ	DIAMETER
DIST	DISTRICT
DWY	DRIVEWAY
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
ELEC	ELECTRIC
EL OR ELEV	ELEVATION
EMB	EMBANKMENT
EW	ENDWALL
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
EXP	EXPANSION
F-F	FACE TO FACE
FERT	FERTILIZER
FE	FIELD ENTRANCE
F/L	FLOW LINE
FT	FOOT
GN	GRID NORTH
HR	HANDICAP RAMP
HT	HEIGHT
CWT	HUNDREDWEIGHT
HYD	HYDRANT
IN DIA	INCH DIAMETER
INL	INLET
ID	INSIDE DIAMETER
I	INTERSECTION ANGLE
IE	INVERT ELEVATION
IP	IRON PIPE OR PIN
JCT	JUNCTION
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LCB	LONG CHORD BEARING
LS	LUMP SUM
MH	MANHOLE
N	NORTH
Y	NORTH GRID COORDINATE
OE	OUTLET ELEVATION
OL	OUT LOT
OD	OUTSIDE DIAMETER
OH	OVERHEAD LINES
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PE	PRIVATE ENTRANCE
R OR RAD	RADIUS
RR	RAILROAD
R	RANGE
℄ OR R/L	REFERENCE LINE
REQD	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
SALV	SALVAGED
SAN	SANITARY SEWER
SECT	SECTION
SHLDR	SHOULDER
SW	SIDEWALK
S	SOUTH
SB	SOUTHBOUND
SPECS	SPECIFICATIONS
SQ	SQUARE
SF OR SQ FT	SQUARE FEET
SY	SQUARE YARD
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
STD	STANDARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA	STATION
SS	STORM SEWER
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
T	TON
TC	TOP OF CURB
TN	TOWN
TRANS	TRANSITION
T	TRUCKS (percent of)
TYP	TYPICAL
UNCL	UNCLASSIFIED
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
VERT	VERTICAL
VC	VERTICAL CURVE
VOL	VOLUME
WM	WATER MAIN
WV	WATER VALVE
W	WEST
WB	WESTBOUND
YD	YARD

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 0.685 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.498 ACRES

DESIGN CONTACT

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LEAH J. RHODES, P.E.
1230 SOUTH BOULEVARD
BARABOO, WI 53913
PHONE: 608-355-8945
lrhodes@msa-ps.com

GREEN LAKE COUNTY
AMY BROOKS, COMMISSIONER
570 SOUTH STREET
GREEN LAKE, WI 54941
PHONE: 920-294-4062
abrooks@co.green-lake.wi.us

TOWN OF KINGSTON
ALLAN HOFFMANN, CHAIRMAN
N786 CTH H
DALTON, WI 53926
PHONE: 920-394-3293

DNR LIAISON

DEPARTMENT OF NATURAL RESOURCES
BOBBI JO FISCHER
ENVIRONMENTAL REVIEW AND ANALYSIS SPECIALIST
427 EAST TOWER DRIVE, SUITE 100
WAUTOMA, WI 54982
PHONE: 920-787-3015
bobbi.fischer@wisconsin.gov

GENERAL NOTES

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. OVERSOW PERMANENT SEEDING AREAS WITH TEMPORARY SEED AT 3 LBS PER 1000 SQUARE FEET.

AT THE TIME OF INITIAL SURVEY THERE WERE NO UTILITY FACILITIES LOCATED WITHIN THE PROJECT LIMITS. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE AREA THAT ARE NOT SHOWN.

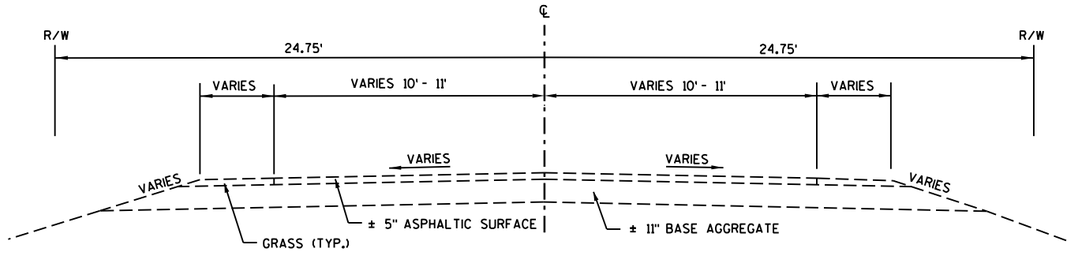
NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO USGS NAVD 88 (GEOID 03). BENCHMARK REFERENCES AT THE PROJECT SITE WERE SET BY THE CONSULTANT USING GPS TECHNOLOGY.

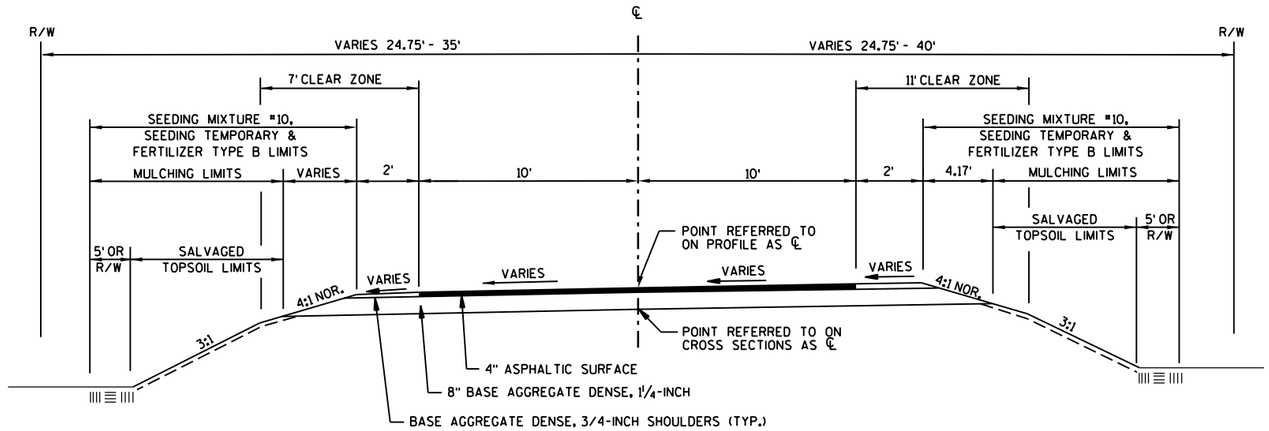
THE 4" ASPHALTIC SURFACE SHALL CONSIST OF A 1¾" UPPER LAYER WITH 12.5MM NOMINAL SIZE AGGREGATE AND A 2¼" LOWER LAYER WITH 19.0MM NOMINAL SIZE AGGREGATE.

SILT FENCE TO BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER AND IN PLACE PRIOR MAY 1ST.

WETLANDS ARE PRESENT OUTSIDE THE EXISTING TOE OF SLOPE. AREAS OUTSIDE THE SLOPE INTERCEPTS SHALL NOT BE DISTURBED.



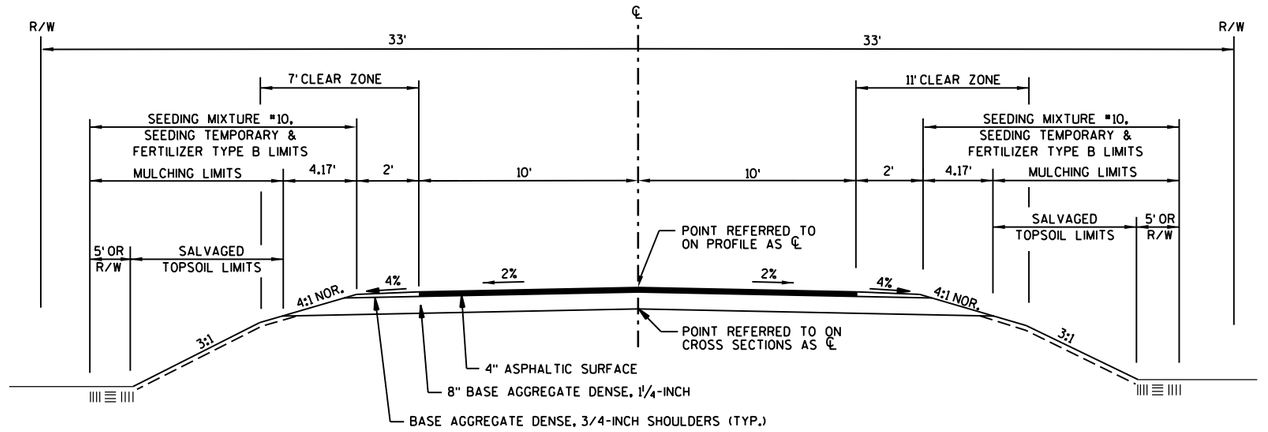
TYPICAL EXISTING SECTION



TYPICAL FINISHED SECTION

STA 8+86.77 - STA 9+90.75
STA 10+29.25 - STA 13+50

TAPER PAVEMENT WIDTH FROM 24.0' AT THE BRIDGE TO 20.0' AT 20' OFF ENDS OF THE BRIDGE.



TYPICAL FINISHED SECTION

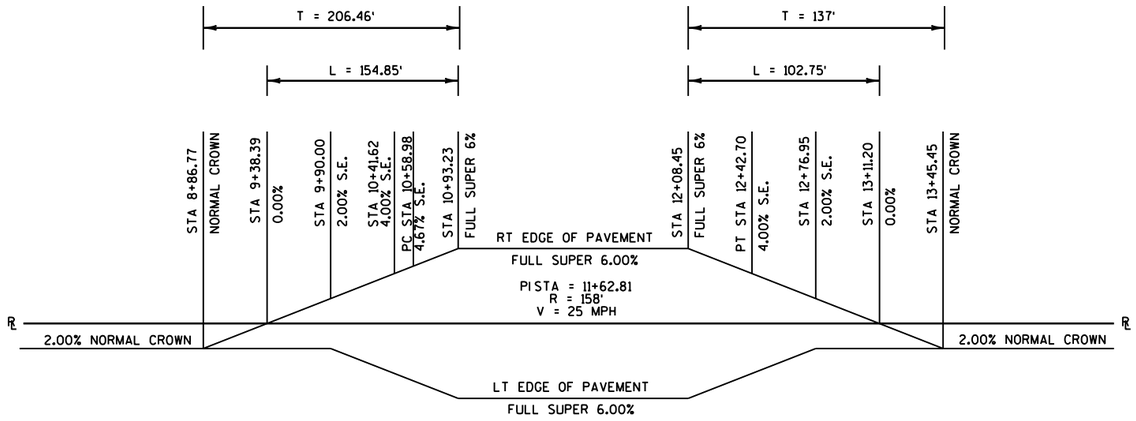
STA 8+50 - STA 8+86.77

PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	TYPICAL SECTIONS	SHEET 3	E

FILE NAME : P:\11500s\11500s\11507\11507002\caddWDOT\Planshts\11507002XC.dgn PLOT DATE : 11/13/2014 PLOT BY : lrhodes PLOT NAME : PLOT SCALE : 1:8

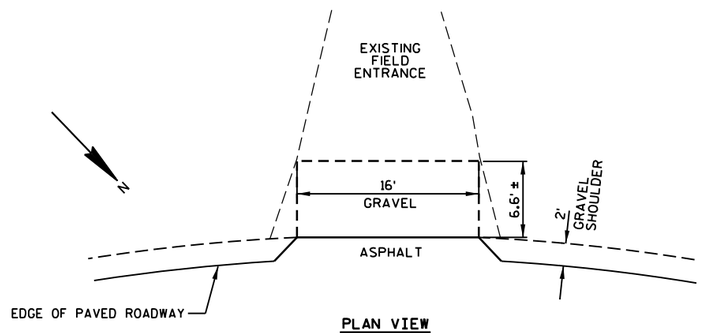
WISDOT/CADDS SHEET 42

11507002XC.dgn 11/13/2014 1:21:13 PM lrhodes

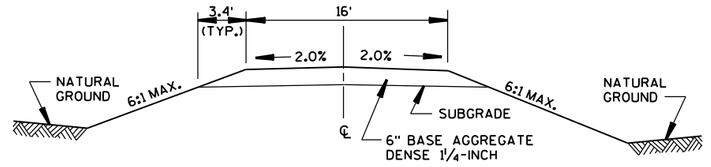


SUPERELEVATION DIAGRAM

STATION	SUPERELEVATION RATE	
	LT. EDGE	RT. EDGE
8+86.77	-2.00%	-2.00%
9+00.00	-2.00%	-1.49%
9+38.39	-2.00%	0.00%
9+50.00	-2.00%	0.45%
9+90.00	-2.00%	2.00%
10+00.00	-2.39%	2.39%
10+41.62	-4.00%	4.00%
10+50.00	-4.32%	4.32%
10+58.98	-4.67%	4.67%
10+93.23	-6.00%	6.00%
12+08.45	-6.00%	6.00%
12+42.70	-4.00%	4.00%
12+50.00	-3.57%	3.57%
12+76.95	-2.00%	2.00%
13+00.00	-2.00%	0.65%
13+11.20	-2.00%	0.00%
13+45.45	-2.00%	-2.00%



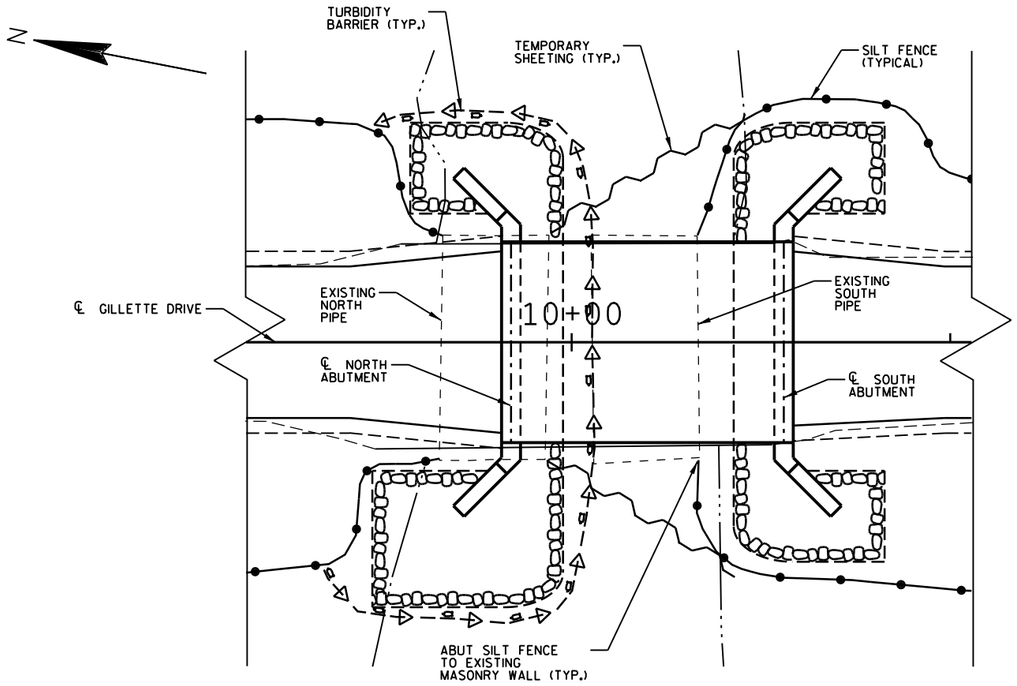
PLAN VIEW



TYPICAL SECTION

FIELD ENTRANCE DETAIL

STA. 11+55, RT.



EROSION CONTROL DETAIL

CONSTRUCTION SEQUENCE:

1. PLACE "TEMPORARY SHEETING EROSION CONTROL" TO ISOLATE CONSTRUCTION OF THE SOUTH ABUTMENT AND REMOVAL OF THE EXISTING SOUTH PIPE FROM THE ACTIVE STREAM.

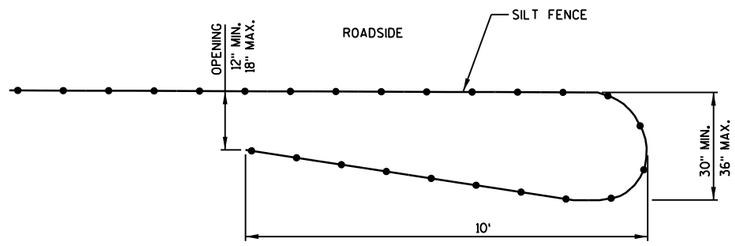
2. CONSTRUCT THE SOUTH ABUTMENT, REMOVE THE EXISTING SOUTH PIPE AND MATERIAL BETWEEN THE PIPES, AND PLACE THE SOUTH ABUTMENT RIPRAP WHILE FLOW IS CHANNELED THRU THE EXISTING NORTH PIPE.

3. REMOVE THE TEMPORARY SHEETING.

4. PLACE "TURBIDITY BARRIER" TO ISOLATE CONSTRUCTION OF THE NORTH ABUTMENT AND REMOVAL OF THE EXISTING NORTH PIPE FROM THE ACTIVE STREAM.

5. CONSTRUCT THE NORTH ABUTMENT, REMOVE THE EXISTING NORTH PIPE, AND PLACE THE NORTH ABUTMENT RIPRAP.

6. REMOVE THE TURBIDITY BARRIER.

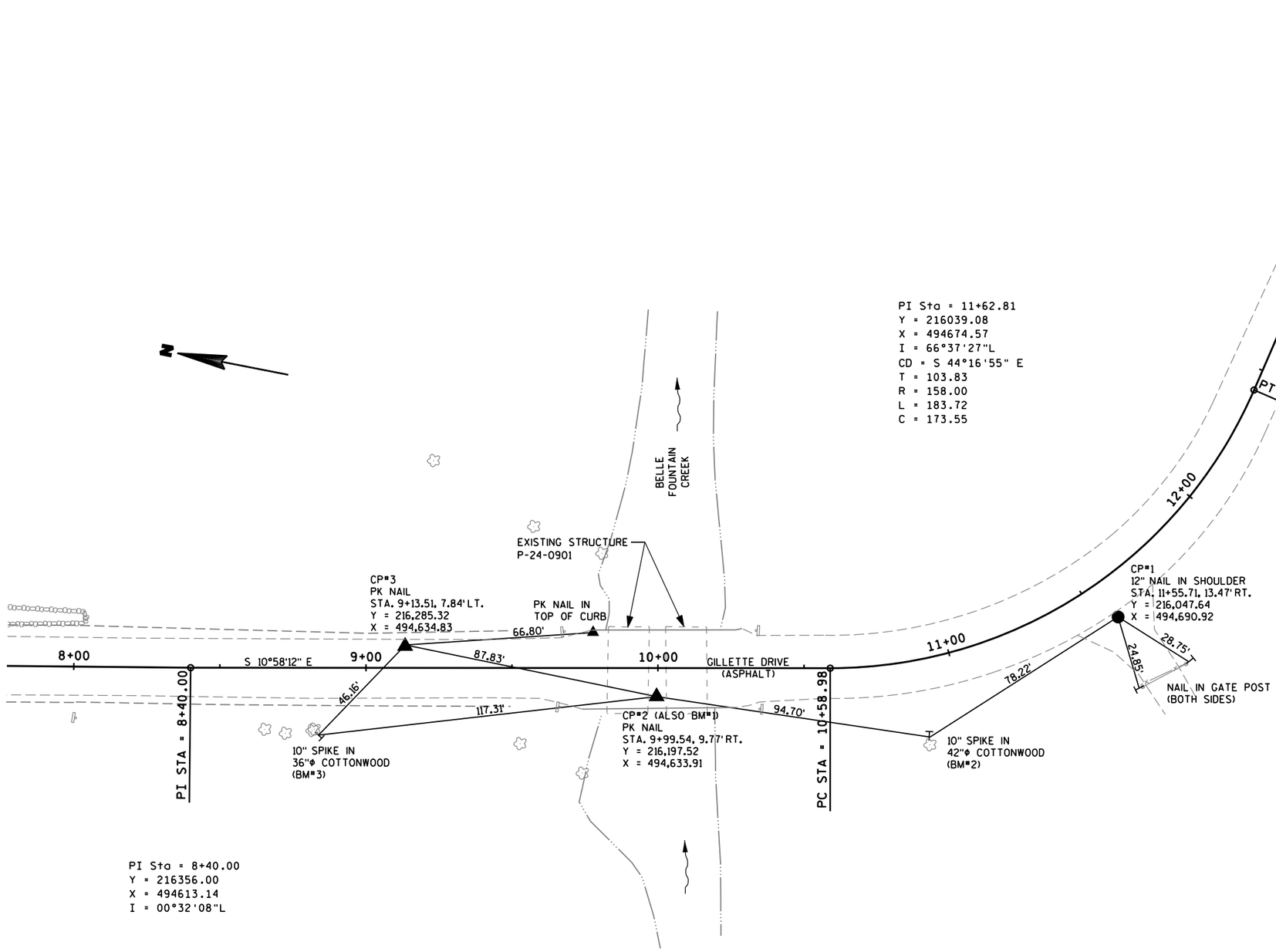


NOTES:
THE PURPOSE OF THE TURTLE TURN-AROUNDS ARE TO REDIRECT THE TURTLES AWAY FROM THE CONSTRUCTION ZONE. DESIGN SHOULD ALSO INCLUDE TRENCHED-IN SEDIMENT FENCING AND FENCING SUPPORTS ON THE UPSLOPE SIDE OF FENCE. SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE TURN-AROUND.

TEMPORARY TURTLE TURN-AROUND DETAIL

SEE PLAN & PROFILE SHEET FOR LOCATIONS

2



PROJECT TIES

ALL MEASUREMENTS ARE SLOPE DISTANCES.

PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	CONTROL POINT TIES	SHEET 5	E

DATE 06OCT15 E S T I M A T E O F Q U A N T I T I E S

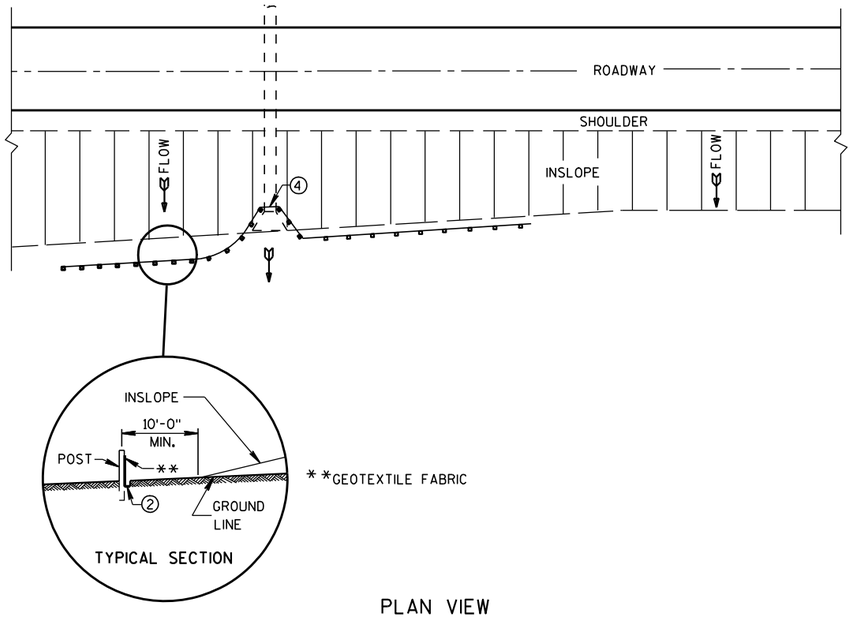
LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6627-01-70 QUANTITY
0010	201.0105	Clearing	STA	3.000	3.000
0020	201.0205	Grubbing	STA	3.000	3.000
0030	203.0600.S	Removing Old Structure Over Waterway With Minimal Debris (station) 01. 10+00	LS	1.000	1.000
0040	205.0100	Excavation Common	CY	515.000	515.000
0050	206.1000	Excavation for Structures Bridges (structure) 01. B-24-0042	LS	1.000	1.000
0060	210.0100	Backfill Structure	CY	245.000	245.000
0070	213.0100	Finishing Roadway (project) 01. 6627-01-70	EACH	1.000	1.000
0080	305.0110	Base Aggregate Dense 3/4-Inch	TON	60.000	60.000
0090	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	690.000	690.000
0100	455.0605	Tack Coat	GAL	52.000	52.000
0110	465.0105	Asphaltic Surface	TON	232.000	232.000
0120	502.0100	Concrete Masonry Bridges	CY	141.000	141.000
0130	502.3200	Protective Surface Treatment	SY	135.000	135.000
0140	502.3210	Pigmented Surface Sealer	SY	33.000	33.000
0150	505.0400	Bar Steel Reinforcement HS Structures	LB	4,010.000	4,010.000
0160	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	15,800.000	15,800.000
0170	516.0500	Rubberized Membrane Waterproofing	SY	11.000	11.000
0180	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	700.000	700.000
0190	606.0300	Riprap Heavy	CY	130.000	130.000
0200	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	150.000	150.000
0210	619.1000	Mobilization	EACH	1.000	1.000
0220	624.0100	Water	MGAL	53.000	53.000
0230	625.0500	Salvaged Topsoil	SY	515.000	515.000
0240	627.0200	Mulching	SY	1,170.000	1,170.000
0250	628.1504	Silt Fence	LF	1,280.000	1,280.000
0260	628.1520	Silt Fence Maintenance	LF	1,280.000	1,280.000
0270	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0280	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0290	628.6005	Turbidity Barriers	SY	140.000	140.000
0300	629.0210	Fertilizer Type B	CWT	1.000	1.000
0310	630.0110	Seeding Mixture No. 10	LB	24.000	24.000
0320	630.0200	Seeding Temporary	LB	45.000	45.000
0330	633.5100	Markers Row	EACH	12.000	12.000
0340	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	4.000	4.000
0350	637.2230	Signs Type II Reflective F	SF	12.000	12.000
0360	638.2602	Removing Signs Type II	EACH	4.000	4.000
0370	638.3000	Removing Small Sign Supports	EACH	4.000	4.000
0380	642.5001	Field Office Type B	EACH	1.000	1.000
0390	643.0100	Traffic Control (project) 01. 6627-01-70	EACH	1.000	1.000
0400	643.0420	Traffic Control Barricades Type III	DAY	1,224.000	1,224.000
0410	643.0705	Traffic Control Warning Lights Type A	DAY	1,904.000	1,904.000
0420	643.0900	Traffic Control Signs	DAY	952.000	952.000
0430	645.0120	Geotextile Fabric Type HR	SY	265.000	265.000
0440	650.4500	Construction Staking Subgrade	LF	462.000	462.000
0450	650.5000	Construction Staking Base	LF	462.000	462.000
0460	650.6500	Construction Staking Structure Layout (structure) 01. B-24-0042	LS	1.000	1.000
0470	650.9910	Construction Staking Supplemental Control (project) 01. 6627-01-70	LS	1.000	1.000
0480	650.9920	Construction Staking Slope Stakes	LF	462.000	462.000
0490	690.0150	Sawing Asphalt	LF	40.000	40.000

3

Standard Detail Drawing List

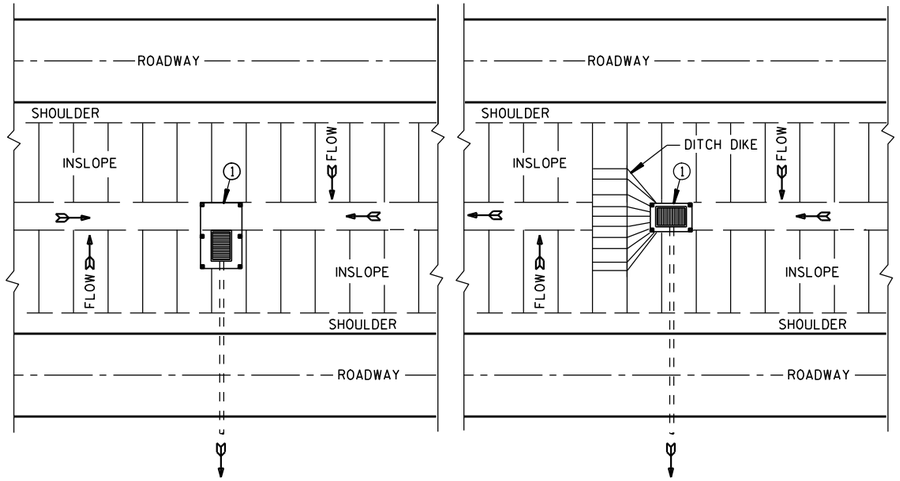
08E09-06	SILT FENCE
08E11-02	TURBIDITY BARRIER
12A03-10	NAME PLATE (STRUCTURES)
15A01-12A	MARKER POST FOR RIGHT-OF-WAY
15C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C06-07	SIGNING & MARKING FOR TWO LANE BRIDGES

6



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.

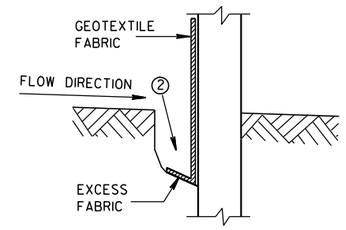
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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.

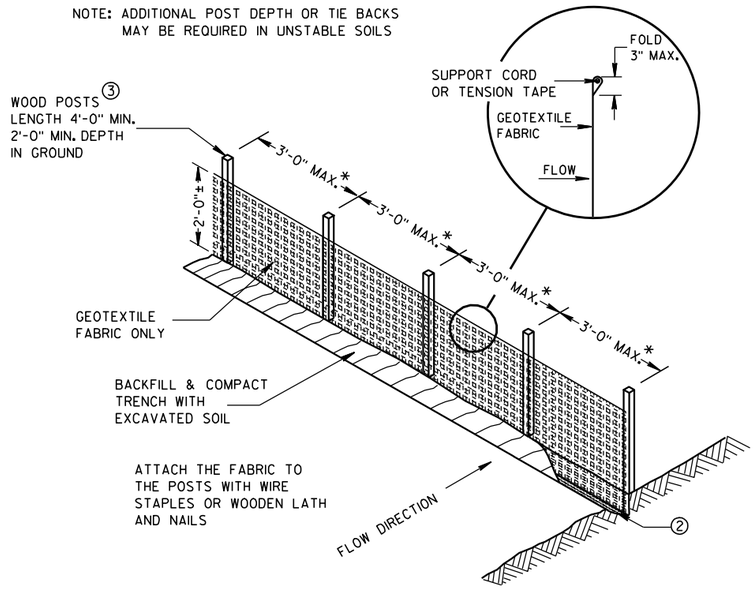
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

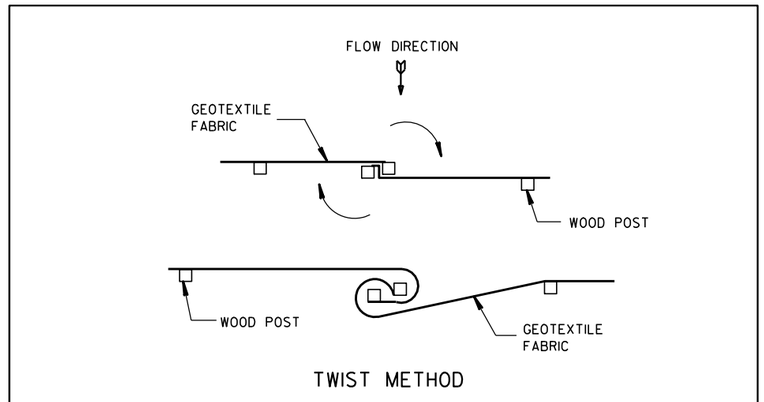
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



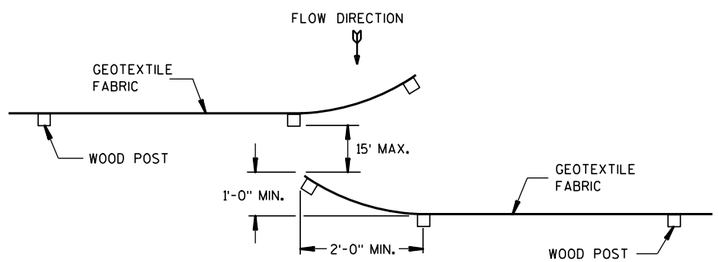
TRENCH DETAIL



SILT FENCE

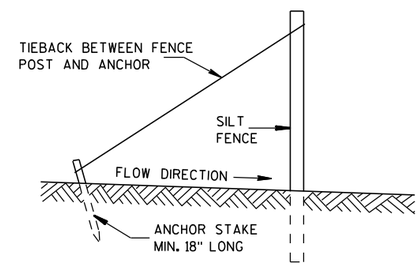


TWIST METHOD



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

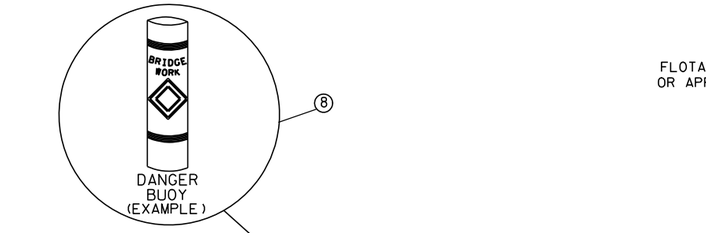
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

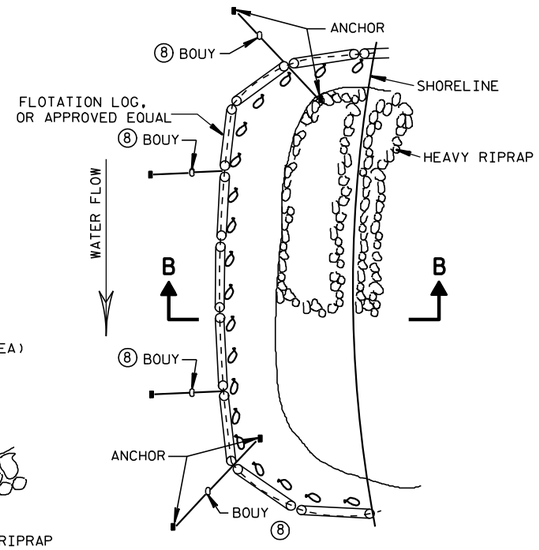
S.D.D. 8 E 9-6

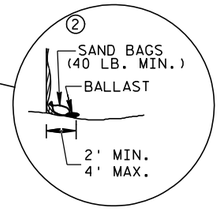
6

S.D.D. 8 E 9-6

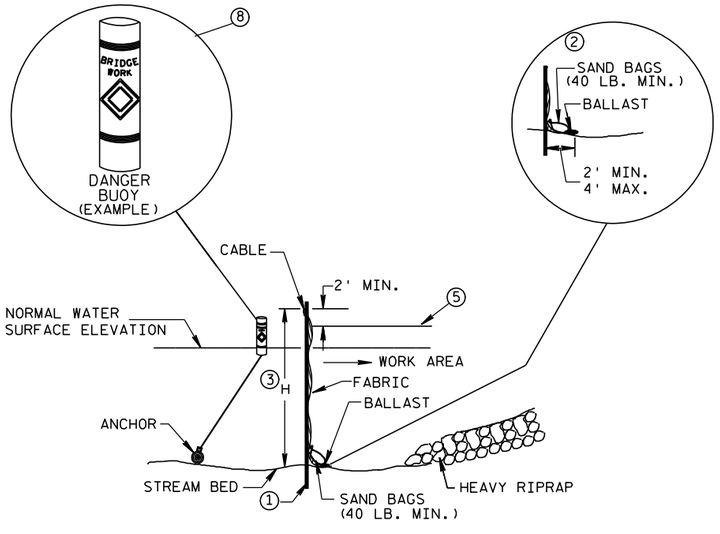


SECTION B-B

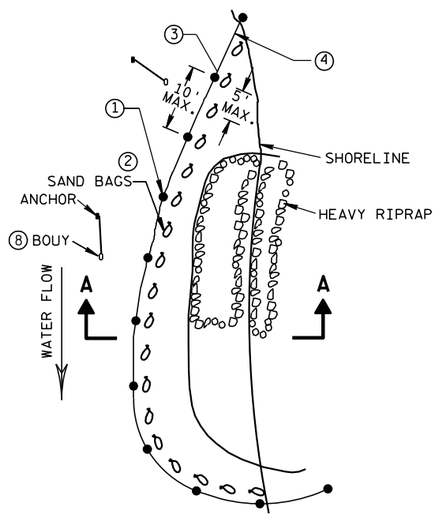




TURBIDITY BARRIER FLOAT ALTERNATIVE
CAUTION - SEE NOTE 6



SECTION A-A



PLAN VIEW

TURBIDITY BARRIER STANDARD POST INSTALLATION

TURBIDITY BARRIER PLACEMENT DETAILS

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.

TURBIDITY BARRIER MAY BE REMOVED AT THE ENGINEERS DISCRETION, WHEN PERMANENT EROSION CONTROL MEASURES HAVE BEEN ESTABLISHED.

① DRIVEN STEEL POSTS, PIPES, OR CHANNELS. LENGTH SHALL BE SUFFICIENT TO SECURELY SUPPORT BARRIER AT HIGH WATER ELEVATIONS.

② SANDBAGS TO BE USED AS ADDITIONAL BALLAST WHEN ORDERED BY THE ENGINEER TO MEET ADVERSE FIELD CONDITIONS. SPACE AS APPROPRIATE FOR SITE CONDITIONS.

③ WHEN BARRIER HEIGHT, H, EXCEEDS 8 FT., POST SPACING MAY NEED TO BE DECREASED.

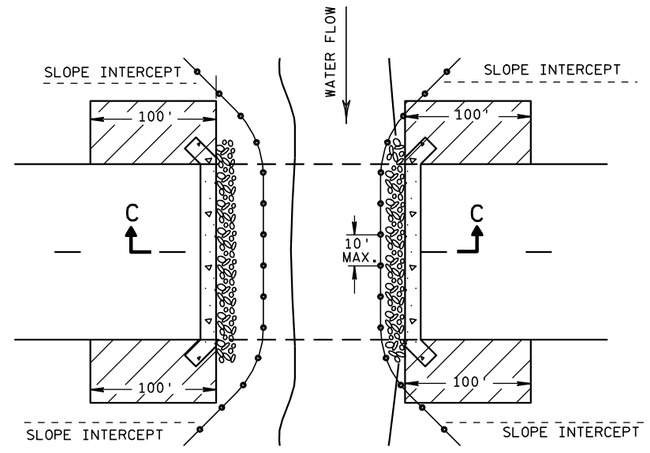
④ IN WATERWAYS SUBJECT TO FLUCTUATING WATER ELEVATIONS, PROVISIONS SHOULD BE MADE TO ALLOW THE WATER TO EQUALIZE ON EACH SIDE OF THE BARRIER. THIS MAY BE ACCOMPLISHED BY LEAVING A PORTION OF THE BARRIER OPEN ON THE UPSTREAM END.

⑤ ESTIMATED HIGH WATER ELEVATION DURING CONSTRUCTION PERIOD. MIMIMUM BARRIER HEIGHT SHALL BE 2'GREATER THAN EITHER THE 02 ELEVATION OR THE ESTIMATED HIGH WATER ELEVATION DURING CONSTRUCTION, WICHEVER IS GREATER.

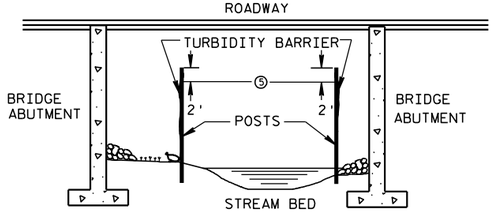
⑥ FLOAT ALTERNATIVE WILL ONLY BE ALLOWED WITH WRITTEN APPROVAL OF THE ENGINEER, AND IS MEANT FOR LOCATIONS WHERE BED ROCK PREVENTS THE INSTALLATION OF POSTS.

⑦ ALLOW SUFFICIENT SLACK VERTICALLY AND HORIZONTALLY SO THAT SEDIMENT BUILD UP WILL NOT SEPARATE OR LOWER THE TURBIDITY BARRIER.

⑧ USE AS DIRECTED BY COAST GUARD OR DNR PERMIT WHEN WORKING IN NAVIGABLE WATERWAYS.



PLAN VIEW



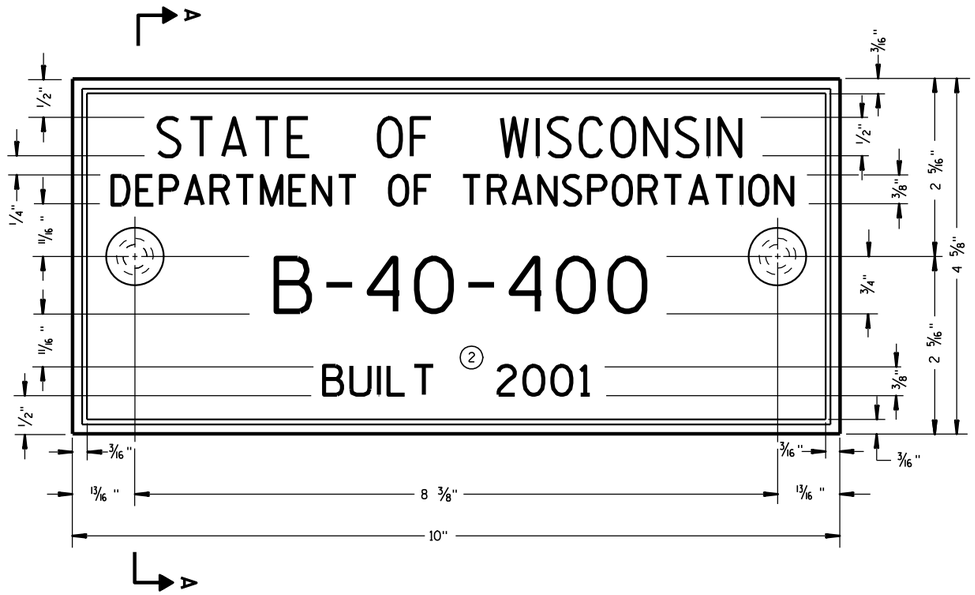
SECTION C-C

TURBIDITY BARRIER DETAIL SHOWING TYPICAL PLACEMENT AT STRUCTURES

TURBIDITY BARRIER	
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 11-2



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

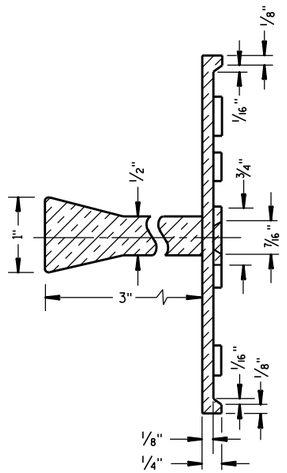
GENERAL NOTES

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.

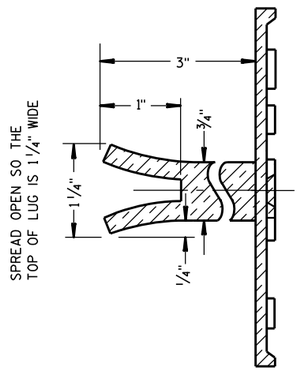
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

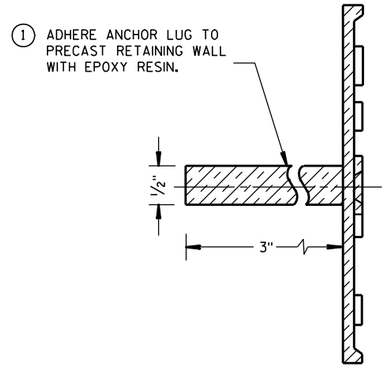
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



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

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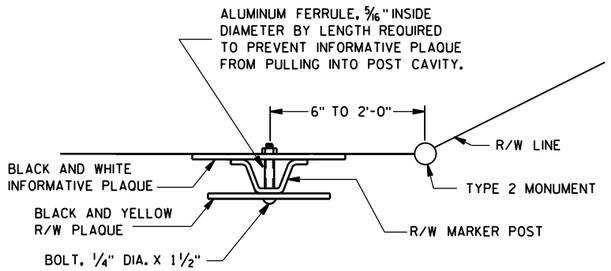
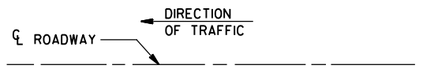
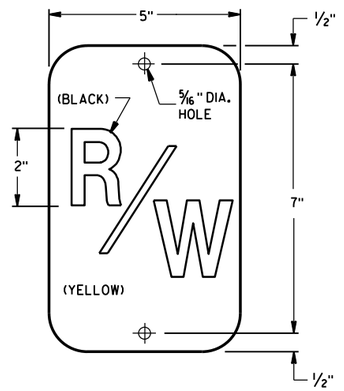
S.D.D. 12 A 3-10



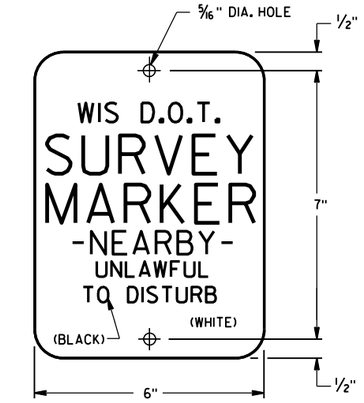


PLAN VIEW



R/W PLAQUE

THE RIGHT-OF-WAY PLAQUE AND INFORMATIVE PLAQUE WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.



INFORMATIVE PLAQUE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

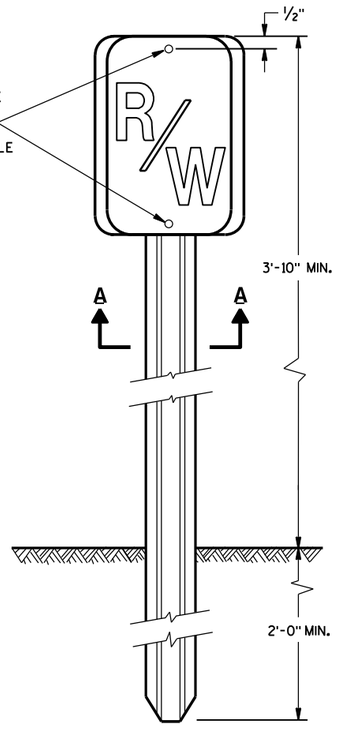
A STEEL MARKER POST FOR RIGHT-OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY, WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE "R/W" PLAQUE SHALL FACE THE ROADWAY AND THE INFORMATIVE PLAQUE SHALL FACE AWAY FROM THE ROADWAY. R/W AND INFORMATIVE PLAQUES WILL BE FURNISHED BY THE DEPARTMENT OF TRANSPORTATION.

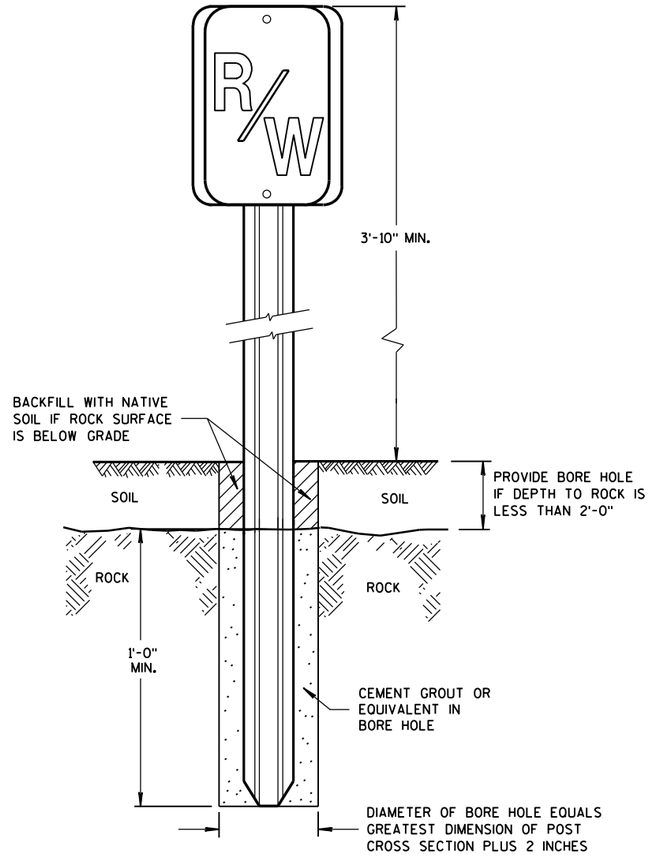
STEEL MARKER POSTS SHALL MEET THE MINIMUM MATERIAL REQUIREMENTS FOR STEEL DELINEATOR POSTS; EXCEPT POSTS PAINTED WITH FEDERAL YELLOW ENAMEL NEED NOT BE ZINC COATED.

(1) IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK TO A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 3'10" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR.

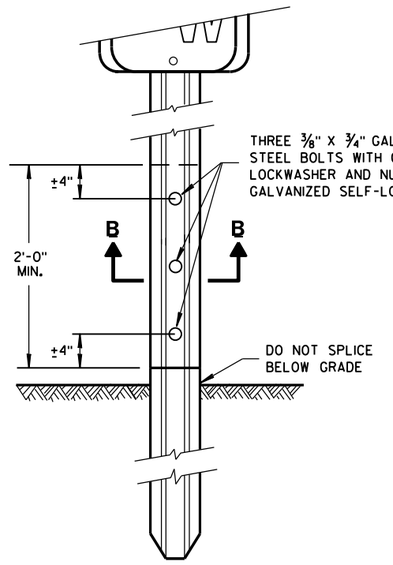
FILL THE BORE HOLE WITH CEMENT GROUT, OR EQUIVALENT. DEPENDING ON THE STABILITY OF THE ROCK.



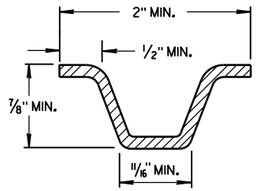
FRONT VIEW
STEEL MARKER POST



FRONT VIEW
ROCK INSTALLATION (1)

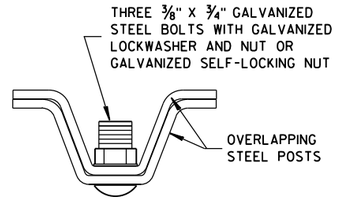


FRONT VIEW
SPLICE DETAIL



MIN. WEIGHT 1.12 LB./FT.

SECTION A-A



SECTION B-B

MARKER POST FOR RIGHT-OF-WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

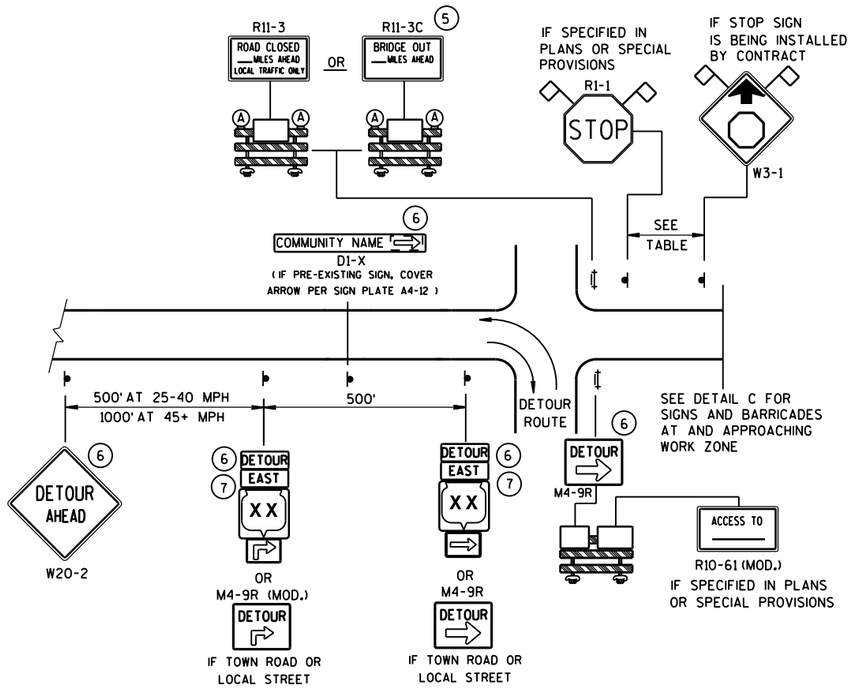
APPROVED
June, 2015 — DATE
/S/ Ray Kumapayi — CHIEF SURVEYING AND MAPPING ENGINEER
FHWA

6

S.D.D. 15 A 1-12a

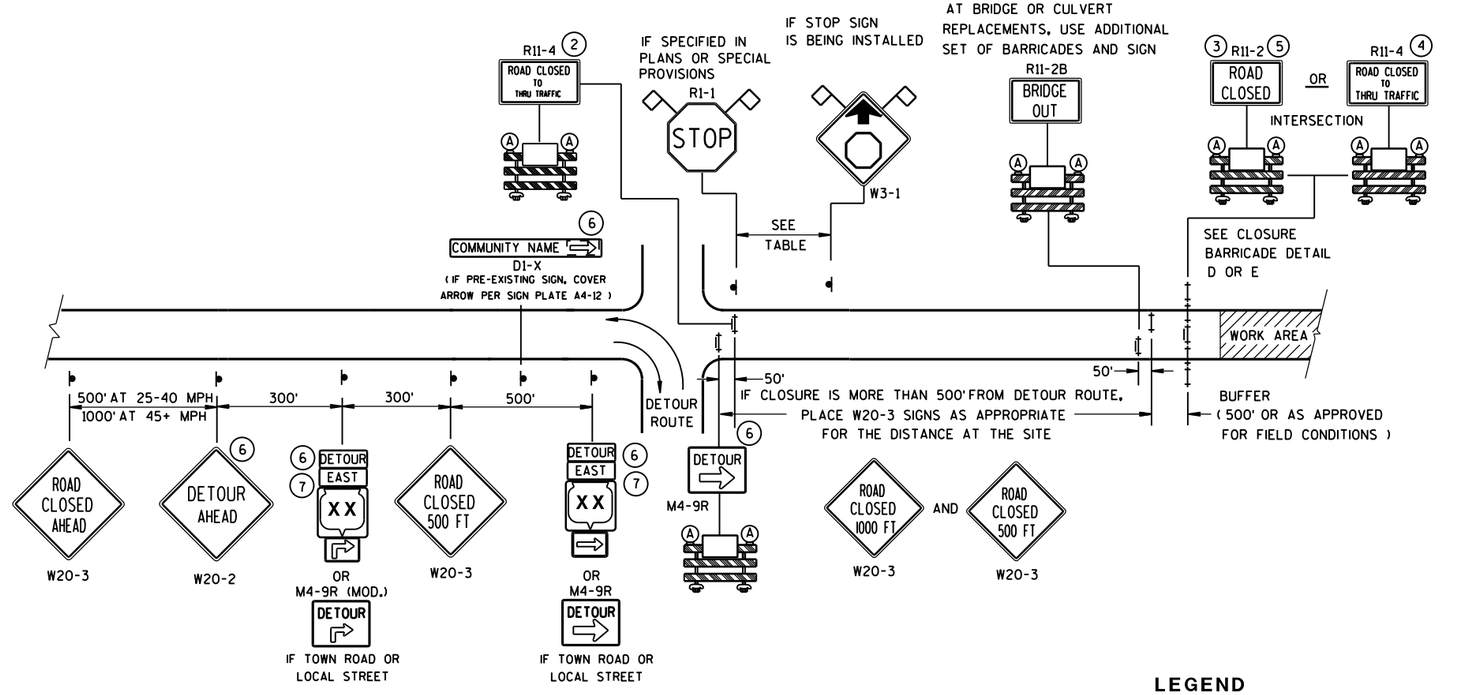
6

S.D.D. 15 A 1-12a



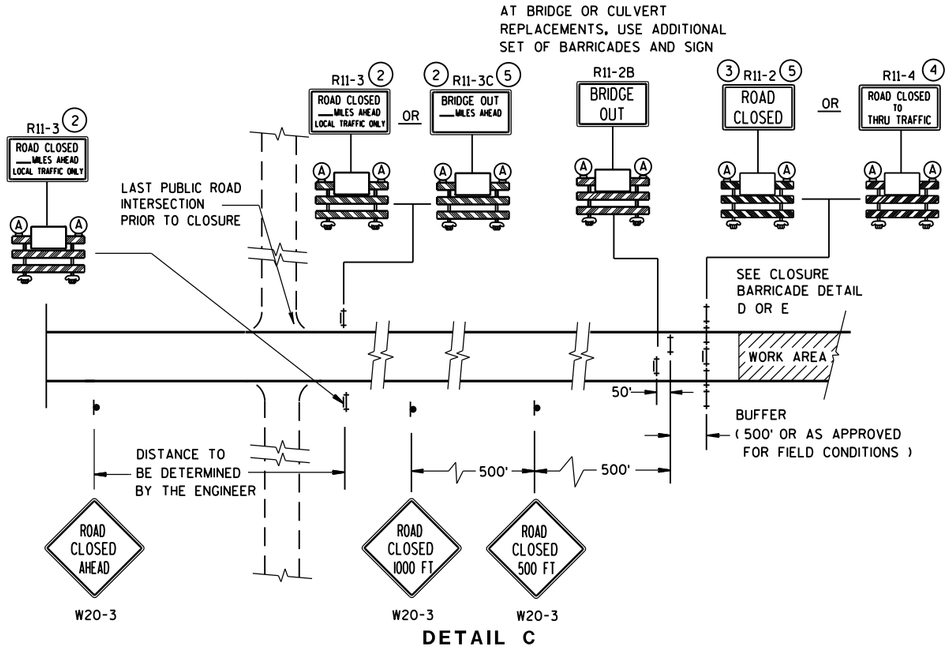
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

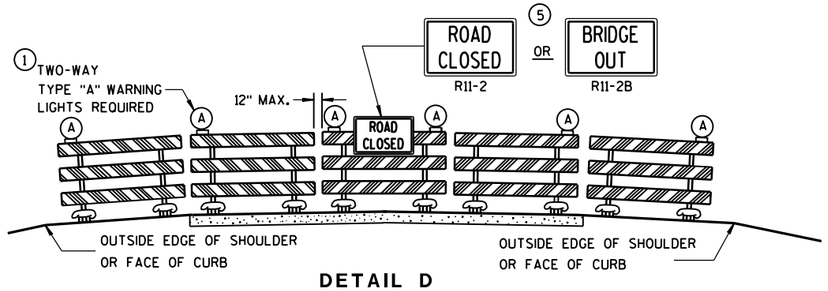
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 DATE — /S/ Travis Feltes STATE TRAFFIC ENGINEER — DESIGN

FHWA

6

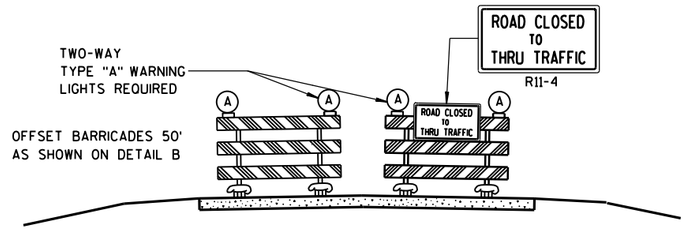
S.D.D. 15 C 2-5a



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.

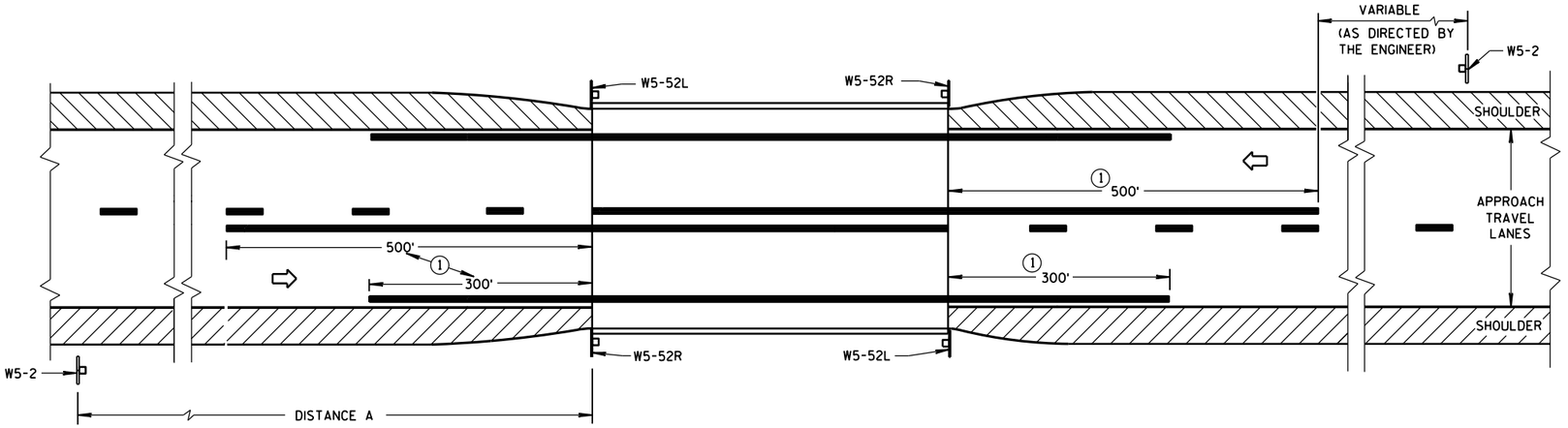
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 2-5b



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.

PAVEMENT MARKING SHOWN ON THIS DRAWING IS NOT REQUIRED UNLESS OTHERWISE SPECIFIED IN THE CONTRACT. WHEN SPECIFIED, PAVEMENT MARKING SHALL CONFORM TO THIS DRAWING AND OTHER CONTRACT REQUIREMENTS.

(1) MINIMUM DISTANCE UNLESS OTHERWISE SHOWN ON THE PLAN.

(2) FACE OF OBJECT MARKERS W5-52R, AND W5-52L SHALL BE COVERED WITH TYPE F REFLECTIVE SHEETING.

(3) LOCATE OBJECT MARKER POST(S) BEHIND GUARDRAIL WHEN PRESENT.

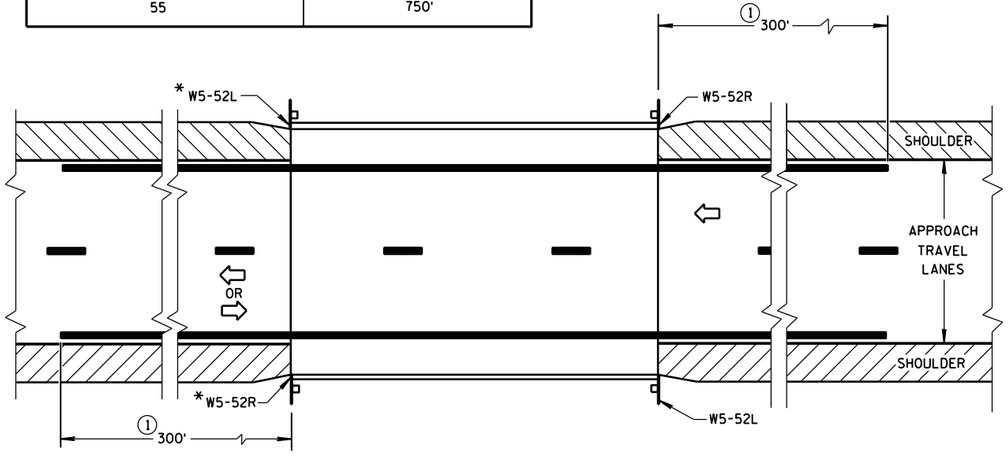
DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	750'

SITUATION 1

WARRANTING CRITERIA:

BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET

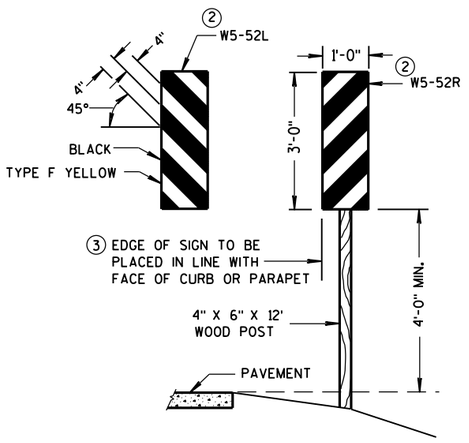


*OMIT ON ONE-WAY TRAVELLED WAYS

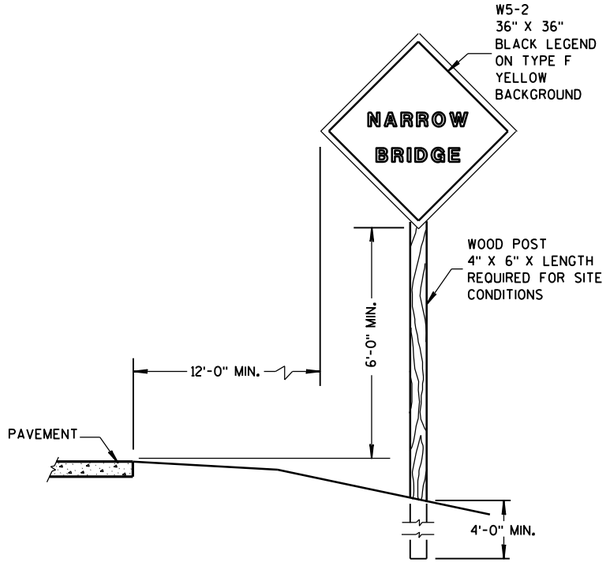
SITUATION 2

WARRANTING CRITERIA:

1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
2. BRIDGE IS LESS THAN 6 FEET WIDER (ON EACH SIDE) THAN APPROACH TRAVEL LANES.



OBJECT MARKER PLACEMENT



SIGN PLACEMENT

SIGNING & MARKING
FOR TWO LANE BRIDGES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3-2014 DATE

/S/ Travis Feltes STATE TRAFFIC ENGINEER

FHWA

6

S.D.D. 15 C 6-7

DATE 06OCT15 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	6627-01-70 QUANTITY
0500	715.0502	Incentive Strength Concrete Structures	DOL	846.000	846.000
0510	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	600.000	600.000
0520	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	300.000	300.000
0530	SPV.0090	Special 01. Temporary Sheeting Erosion Control	LF	60.000	60.000
0540	SPV.0195	Special 01. Select Crushed Material for Travel Corridor Interstitial Space	TON	57.000	57.000

P - PAY PLAN QUANTITY

201.0105 CLEARING
201.0205 GRUBBING

STATION	-	STATION	LOCATION	CLEARING STA	GRUBBING STA
8+50	-	10+00	LT & RT	2	2
10+00	-	11+00	RT	1	1
		TOTALS:		3	3

205.0100 EXCAVATION COMMON **P**

STATION	-	STATION	EXC. COMMON CY (3)	FILL CY (1)	EXPANDED FILL CY (2)	WASTE CY
8+50	-	9+82.8	178	67	86	92
10+16.8	-	13+50	337	26	34	303
		TOTALS:	515	93	120	395

(1) - NOT A BID ITEM - FOR INFORMATIONAL PURPOSES ONLY.
(2) - FILL EXPANSION 30%
(3) - EXISTING ASPHALTIC PAVEMENT IS INCLUDED IN COMMON EXCAVATION TOTALS. SEE EARTHWORK TABLE.

305.0110 BASE AGGREGATE DENSE 3/4-INCH
305.0120 BASE AGGREGATE DENSE 1 1/4-INCH
624.0100 WATER

STATION	-	STATION	BASE AGGREGATE DENSE 3/4-INCH TON	BASE AGGREGATE DENSE 1 1/4-INCH TON	WATER* MGAL
8+50.00	-	9+90.75	17	205	4
10+29.25	-	13+50.00	43	485	11
		TOTALS:	60	690	15

*ADDITIONAL QUANTITY INCLUDED IN EROSION CONTROL ITEMS.

455.0605 TACK COAT
465.0105 ASPHALTIC SURFACE

STATION	-	STATION	TACK COAT GAL	ASPHALTIC SURFACE TON
8+50	-	9+90.75	16	71
10+29.25	-	13+50	36	161
		TOTALS:	52	232

625.0500 SALVAGED TOPSOIL **P**
627.0200 MULCHING **P**
629.0210 FERTILIZER TYPE B **P**
630.0110 SEEDING MIXTURE NO. 10 **P**
630.0200 SEEDING TEMPORARY **P**
624.0100 WATER

STATION	-	STATION	LOCATION	SALVAGED TOPSOIL SY	MULCHING SY	FERTILIZER CWT	SEEDING #10 LB	SEEDING TEMPORARY LB	WATER* MGAL
8+50	-	9+90.75	LT	80	160	0.15	3	6	5
8+50	-	9+90.75	RT	130	210	0.15	4	7	6
10+29.25	-	13+50	LT	120	275	0.25	6	11	9
10+29.25	-	13+50	RT	85	290	0.25	6	12	10
UNDISTRIBUTED				100	235	0.20	5	9	8
		TOTALS:		515	1170	1	24	45	38

*ADDITIONAL QUANTITY INCLUDED WITH BASE AGGREGATE ITEMS

628.6005 TURBIDITY BARRIERS

LOCATION	SY
9+65 - 10+05	110
UNDISTRIBUTED	30
TOTALS:	140

SPV.0090.01 TEMPORARY SHEETING EROSION CONTROL

LOCATION	LF
9+96 - 10+23, LT & RT	60
TOTALS:	60

628.1504 SILT FENCE
628.1520 SILT FENCE MAINTENANCE

STATION	-	STATION	LOCATION	FENCE LF	MAINT. LF
8+50	-	9+90.75	LT & RT	310	310
10+29.25	-	13+50	LT & RT	720	720
UNDISTRIBUTED			-	250	250
			TOTALS:	1280	1280

628.1905 MOBILIZATION EROSION CONTROL
628.1910 MOBILIZATION EMERGENCY EROSION CONTROL

DESCRIPTION	MOBILIZATION EACH	EMERGENCY MOB. EACH
PROJECT 6627-01-70	2	2
TOTALS:	2	2

633.5100 MARKERS ROW

STATION	OFFSET	LOCATION	EACH
8+50	24.75'	LT	1
8+50	33'	LT	1
8+50	24.75'	RT	1
8+50	33'	RT	1
9+65	33'	LT	1
9+65	35'	LT	1
9+65	33'	RT	1
9+65	40'	RT	1
10+50	24.75'	LT	1
10+50	35'	LT	1
10+50	24.75'	RT	1
10+50	40'	RT	1
		TOTAL:	12

634.0612 POSTS WOOD 4x6-INCH x 12-FT
637.2230 SIGNS TYPE II REFLECTIVE F
638.2602 REMOVING SIGNS TYPE II
638.3000 REMOVING SMALL SIGN SUPPORTS

STATION	LOCATION	SIGN CODE	WOOD POSTS EACH	SIGNS TYPE II REFLECTIVE F SF	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	COMMENTS
9+85	LT	W5-52L	1	3	-	-	OBJECT MARKER
9+85	RT	W5-52R	1	3	-	-	OBJECT MARKER
9+66	LT & RT	-	-	-	2	2	OBJECT MARKERS AT EXISTING BRIDGE
10+35	LT & RT	-	-	-	2	2	OBJECT MARKERS AT EXISTING BRIDGE
10+35	LT	W5-52R	1	3	-	-	OBJECT MARKER
10+35	RT	W5-52L	1	3	-	-	OBJECT MARKER
		TOTALS:	4	12	4	4	

643.0100 TRAFFIC CONTROL 6627-01-70
643.0420 TRAFFIC CONTROL BARRICADES TYPE III
643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A
643.0900 TRAFFIC CONTROL SIGNS

DESCRIPTION	DAYS	TRAFFIC CONTROL EACH	TRAFFIC CONTROL BARRICADES TYPE III EACH	TRAFFIC CONTROL BARRICADES TYPE III DAYS	TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	TRAFFIC CONTROL SIGNS EACH	TRAFFIC CONTROL SIGNS DAYS
PROJECT 6627-01-70	68	1	18	1224	28	1904	14	952
		1		1224		1904		952

650.6500 CONSTRUCTION STAKING STRUCTURE LAYOUT B-24-0042

DESCRIPTION	STAKING LS
B-24-0042	1
TOTAL:	1

NOTE: CATEGORY 0020 ITEM

650.4500 CONSTRUCTION STAKING SUBGRADE
650.5000 CONSTRUCTION STAKING BASE
650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 6627-01-70
650.9920 CONSTRUCTION STAKING SLOPE STAKES

STATION	-	STATION	SUBGRADE LF	BASE LF	SUPPLEMENTAL CONTROL LS	SLOPE STAKES LF
8+50.00	-	9+90.75	141	141	-	141
10+29.25	-	13+50.00	321	321	-	321
		TOTALS:	462	462	1	462

690.0150 SAWING ASPHALT

STATION	LF
8+50	20
13+50	20
TOTAL:	40

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
6627-01-00		
FEDERAL PROJECT NUMBER	4.01	2

PLAT OF RIGHT-OF-WAY REQUIRED FOR

T KINGSTON, GILLETTE DRIVE

BELLE FOUNTAIN CRK BRIDGE B-24-0042

TOWN ROAD — GREEN LAKE COUNTY

CONSTRUCTION PROJECT NUMBER

6627-01-70

CONVENTIONAL ABBREVIATIONS

ACCESS POINT, DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET.AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	COR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.	**CURVE DATA**	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

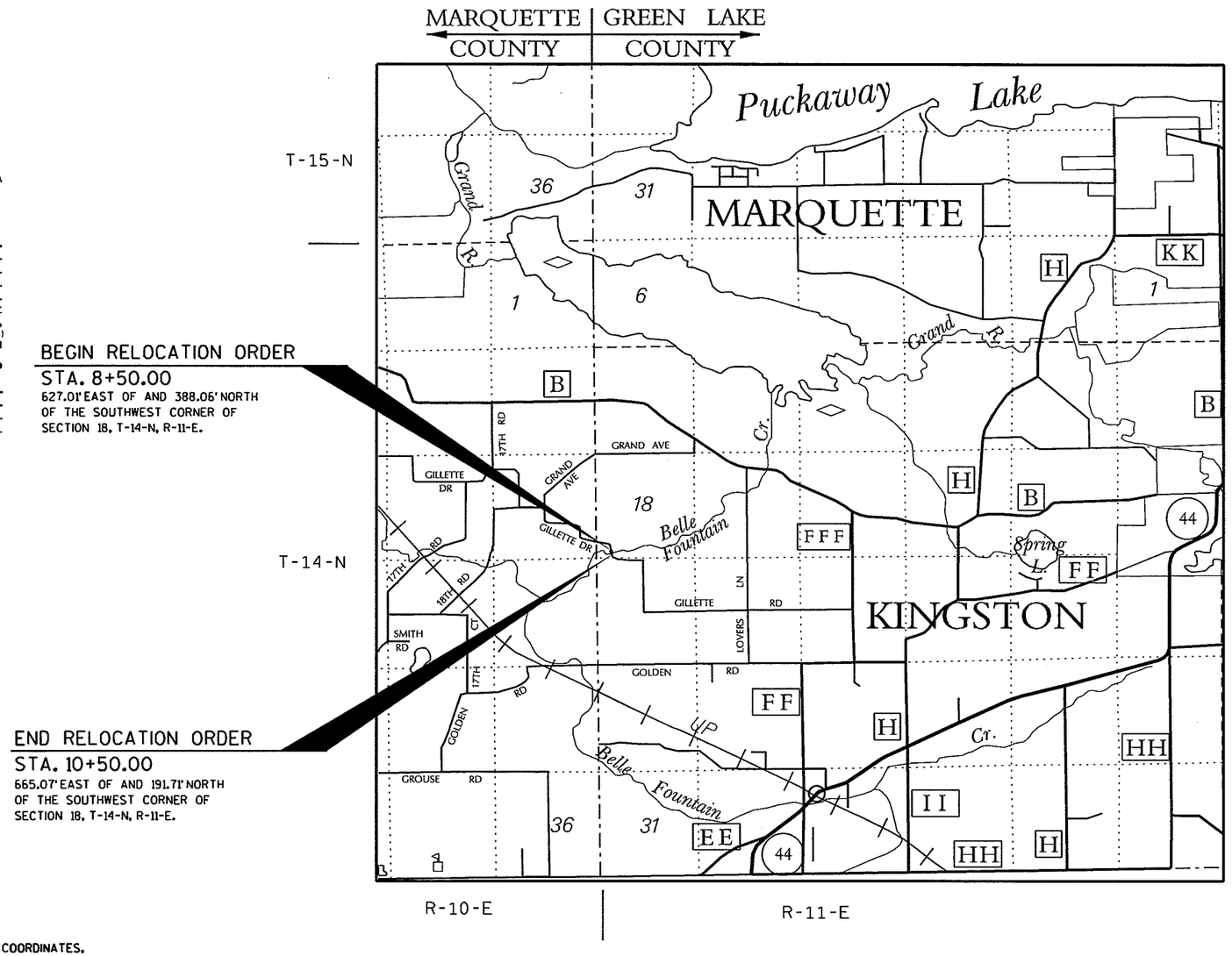
CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN — LP (1" UNLESS NOTED)
R/W MONUMENT — ●(SET)
R/W STANDARD — ▲(SET)
SIGN — ISIGN
SECTION CORNER MONUMENT — ●
SECTION CORNER SYMBOL — (SEC. COR. SEC.)
HIGHWAY EASEMENT
TEMPORARY LIMITED EASEMENT
PERMANENT LIMITED EASEMENT
R/W BOUNDARY POINT — RWB2D
PARCEL NUMBER — 102
UTILITY PARCEL NUMBER — 32
SIGN NUMBER (OFF PREMISE) — 21-1
BUILDING

PROPOSED R/W LINE
EXISTING H.E. LINE
PROPERTY LINE
LOT & TIE LINES
SLOPE INTERCEPTS
CORPORATE LIMITS
NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
NO ACCESS (BY ACQUISITION)
NO ACCESS (BY STATUTORY AUTHORITY)
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING CENTERLINE
PROPOSED REFERENCE LINE
PARALLEL OFFSET

CONVENTIONAL UTILITY SYMBOLS

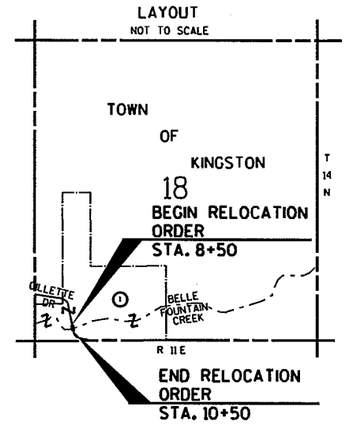
	NON COMPENSABLE	COMPENSABLE
WATER	—W—	
GAS	—G—	
TELEPHONE	—T—	
OVERHEAD TRANSMISSION LINES	—OH—	
ELECTRIC	—E—	
CABLE TELEVISION	—TV—	
FIBER OPTIC	—FO—	
SANITARY SEWER	—SAN—	
STORM SEWER	—SS—	
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		
ELECTRIC TOWER		



BEGIN RELOCATION ORDER
STA. 8+50.00
627.01' EAST OF AND 388.06' NORTH OF THE SOUTHWEST CORNER OF SECTION 18, T-14-N, R-11-E.

END RELOCATION ORDER
STA. 10+50.00
665.07' EAST OF AND 191.71' NORTH OF THE SOUTHWEST CORNER OF SECTION 18, T-14-N, R-11-E.

LAYOUT
NOT TO SCALE



NOTES

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, GREEN LAKE COUNTY NAD 83 (2011) IN US 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 MONUMENTS (TYPCIALLY 3/4" X 24" REBAR) 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".

LAYOUT
SCALE 0 — 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.038 MI.

N

ORIGINAL PLAT PREPARED BY:

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL
1230 Scrub Boulevard Baraboo, WI 53913
(608-356-2771 1-800-362-4505 Fax (608-356-2770
© MSA PROFESSIONAL SERVICES

WISCONSIN
GREGORY P. RHINEHART
S-1478
FRIENDSHIP, WI
LAND SURVEYOR

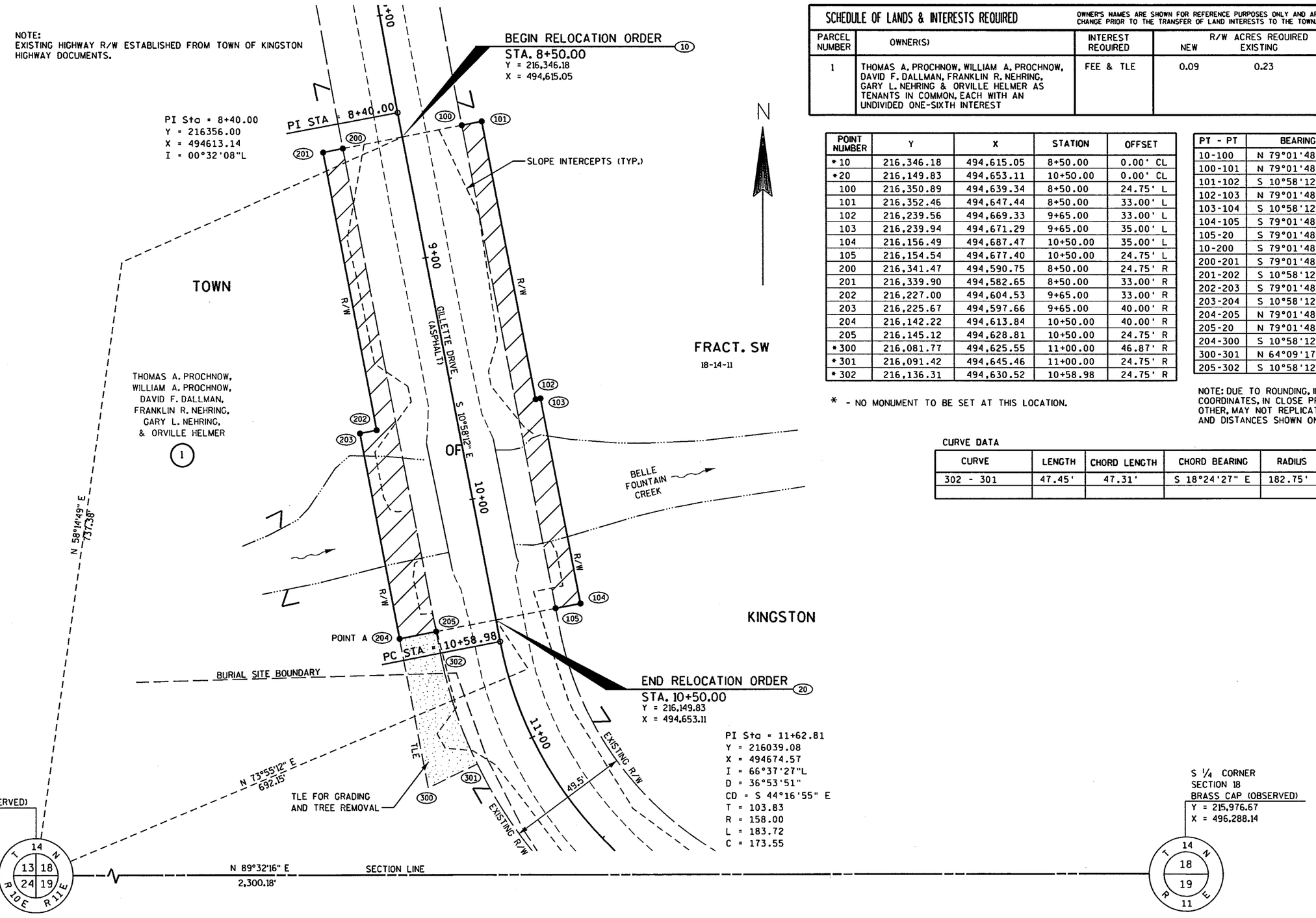
04/29/2015 (Date) — Gregory P. Rhinehart (Signature)

REVISION DATE

APPROVED FOR TOWN OF KINGSTON

DATE: 5-2-15 Allen D. Hoffmann (Signature)

18 E



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE TOWN.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	THOMAS A. PROCHNOW, WILLIAM A. PROCHNOW, DAVID F. DALLMAN, FRANKLIN R. NEHRING, GARY L. NEHRING & ORVILLE HELMER AS TENANTS IN COMMON, EACH WITH AN UNDIVIDED ONE-SIXTH INTEREST	FEE & TLE	0.09	0.23	0.32	0.02

POINT NUMBER	Y	X	STATION	OFFSET
*10	216,346.18	494,615.05	8+50.00	0.00' CL
*20	216,149.83	494,653.11	10+50.00	0.00' CL
100	216,350.89	494,639.34	8+50.00	24.75' L
101	216,352.46	494,647.44	8+50.00	33.00' L
102	216,239.56	494,669.33	9+65.00	33.00' L
103	216,239.94	494,671.29	9+65.00	35.00' L
104	216,156.49	494,687.47	10+50.00	35.00' L
105	216,154.54	494,677.40	10+50.00	24.75' L
200	216,341.47	494,590.75	8+50.00	24.75' R
201	216,339.90	494,582.65	8+50.00	33.00' R
202	216,227.00	494,604.53	9+65.00	33.00' R
203	216,225.67	494,597.66	9+65.00	40.00' R
204	216,142.22	494,613.84	10+50.00	40.00' R
205	216,145.12	494,628.81	10+50.00	24.75' R
*300	216,081.77	494,625.55	11+00.00	46.87' R
*301	216,091.42	494,645.46	11+00.00	24.75' R
*302	216,136.31	494,630.52	10+58.98	24.75' R

* - NO MONUMENT TO BE SET AT THIS LOCATION.

PT - PT	BEARING	DISTANCE
10-100	N 79°01'48" E	24.75'
100-101	N 79°01'48" E	8.25'
101-102	S 10°58'12" E	115.00'
102-103	N 79°01'48" E	2.00'
103-104	S 10°58'12" E	85.00'
104-105	S 79°01'48" W	10.25'
105-20	S 79°01'48" W	24.75'
10-200	S 79°01'48" W	24.75'
200-201	S 79°01'48" W	8.25'
201-202	S 10°58'12" E	115.00'
202-203	S 79°01'48" W	7.00'
203-204	S 10°58'12" E	85.00'
204-205	N 79°01'48" E	15.25'
205-20	N 79°01'48" E	24.75'
204-300	S 10°58'12" E	61.57'
300-301	N 64°09'17" E	22.12'
205-302	S 10°58'12" E	8.98'

NOTE: DUE TO ROUNDING, INVERSING BETWEEN COORDINATES, IN CLOSE PROXIMITY WITH EACH OTHER, MAY NOT REPLICATE THE BEARINGS AND DISTANCES SHOWN ON THIS PLAT.

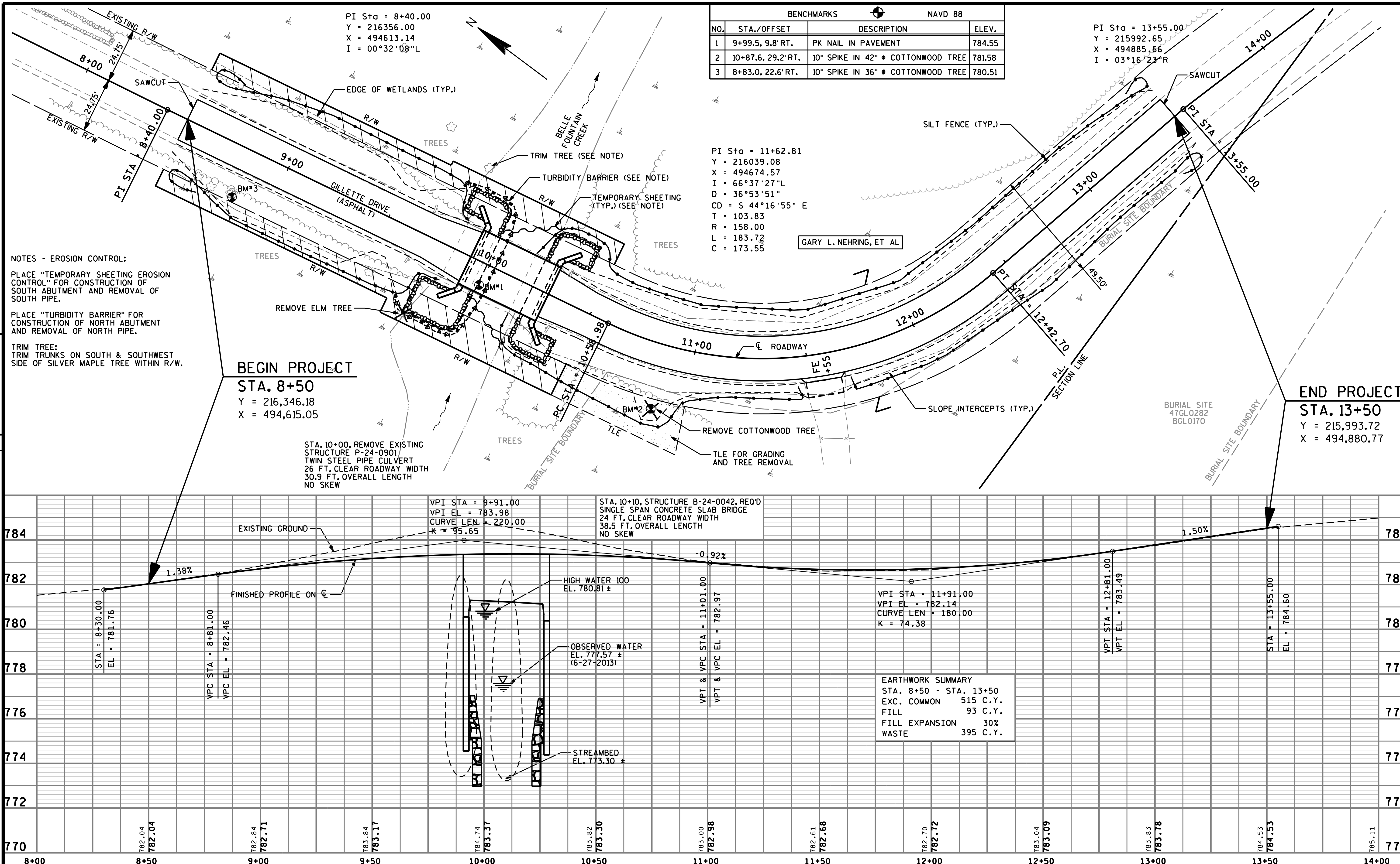
CURVE DATA

CURVE	LENGTH	CHORD LENGTH	CHORD BEARING	RADIUS
302 - 301	47.45'	47.31'	S 18°24'27" E	182.75'

4

4

REVISION DATE	DATE 04/29/2015	SCALE, FEET 0 20 40	HWY: TOWN ROAD	STATE R/W PROJECT NUMBER 6627-01-00	PLAT SHEET 4.02	
	GRID FACTOR N/A		COUNTY: GREEN LAKE	CONSTRUCTION PROJECT NUMBER 6627-01-70	PS&E SHEET 19	E



NOTES - EROSION CONTROL:

PLACE "TEMPORARY SHEETING EROSION CONTROL" FOR CONSTRUCTION OF SOUTH ABUTMENT AND REMOVAL OF SOUTH PIPE.

PLACE "TURBIDITY BARRIER" FOR CONSTRUCTION OF NORTH ABUTMENT AND REMOVAL OF NORTH PIPE.

TRIM TREE:
TRIM TRUNKS ON SOUTH & SOUTHWEST SIDE OF SILVER MAPLE TREE WITHIN R/W.

BENCHMARKS — NAVD 88

NO.	STA./OFFSET	DESCRIPTION	ELEV.
1	9+99.5, 9.8' RT.	PK NAIL IN PAVEMENT	784.55
2	10+87.6, 29.2' RT.	10" SPIKE IN 42" ϕ COTTONWOOD TREE	781.58
3	8+83.0, 22.6' RT.	10" SPIKE IN 36" ϕ COTTONWOOD TREE	780.51

EARTHWORK SUMMARY
STA. 8+50 - STA. 13+50

EXC. COMMON	515 C.Y.
FILL	93 C.Y.
FILL EXPANSION	30%
WASTE	395 C.Y.

5

5

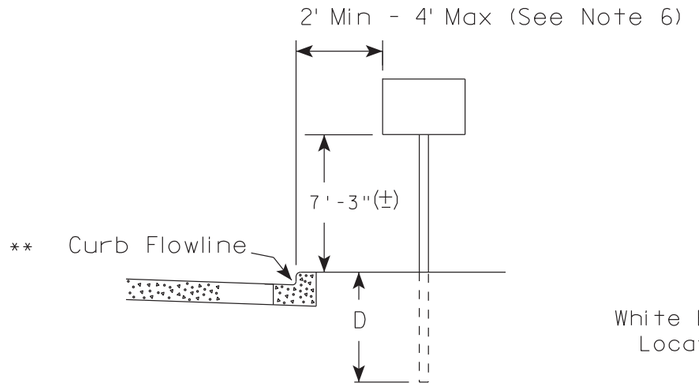
PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	PLAN & PROFILE - GILLETTE DRIVE	SHEET	E

FILE NAME : P:\11500s\11500s\11507\11507002\caddWDOT\Planshts\Panp01.dgn   PLOT DATE : 6/30/2015   PLOT BY : bhalley   PLOT NAME :   PLOT SCALE : 1:40

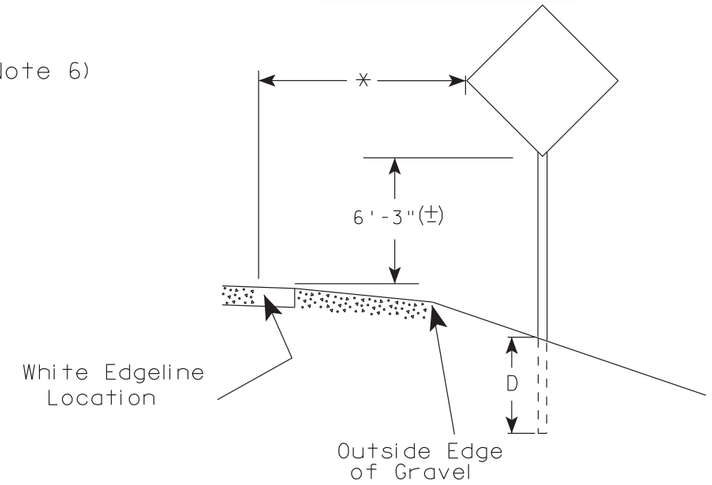
WISDOT/CADDS SHEET 30

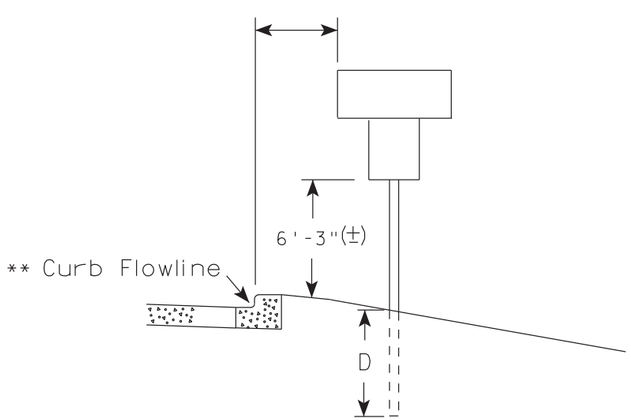
Panp01.dgn 6/30/2015 3:37:06 PM bhalley

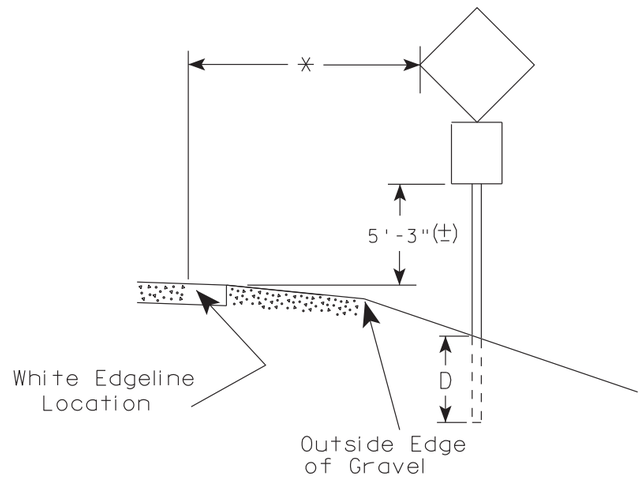
URBAN AREA



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, 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

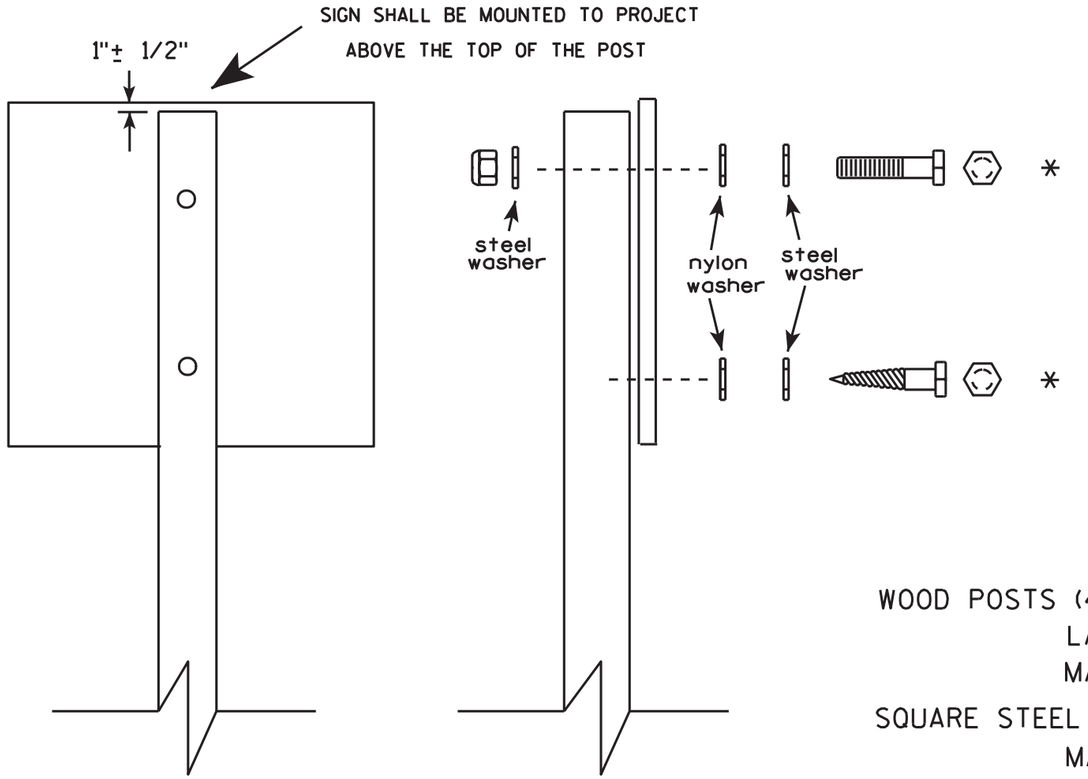
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-3.19

7

7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 21	E



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

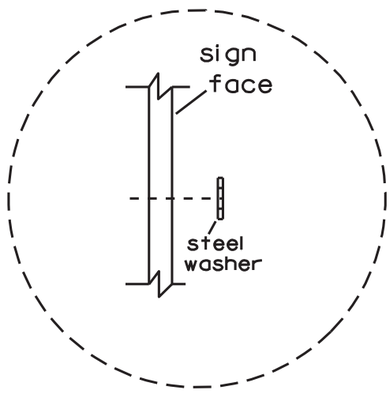
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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.

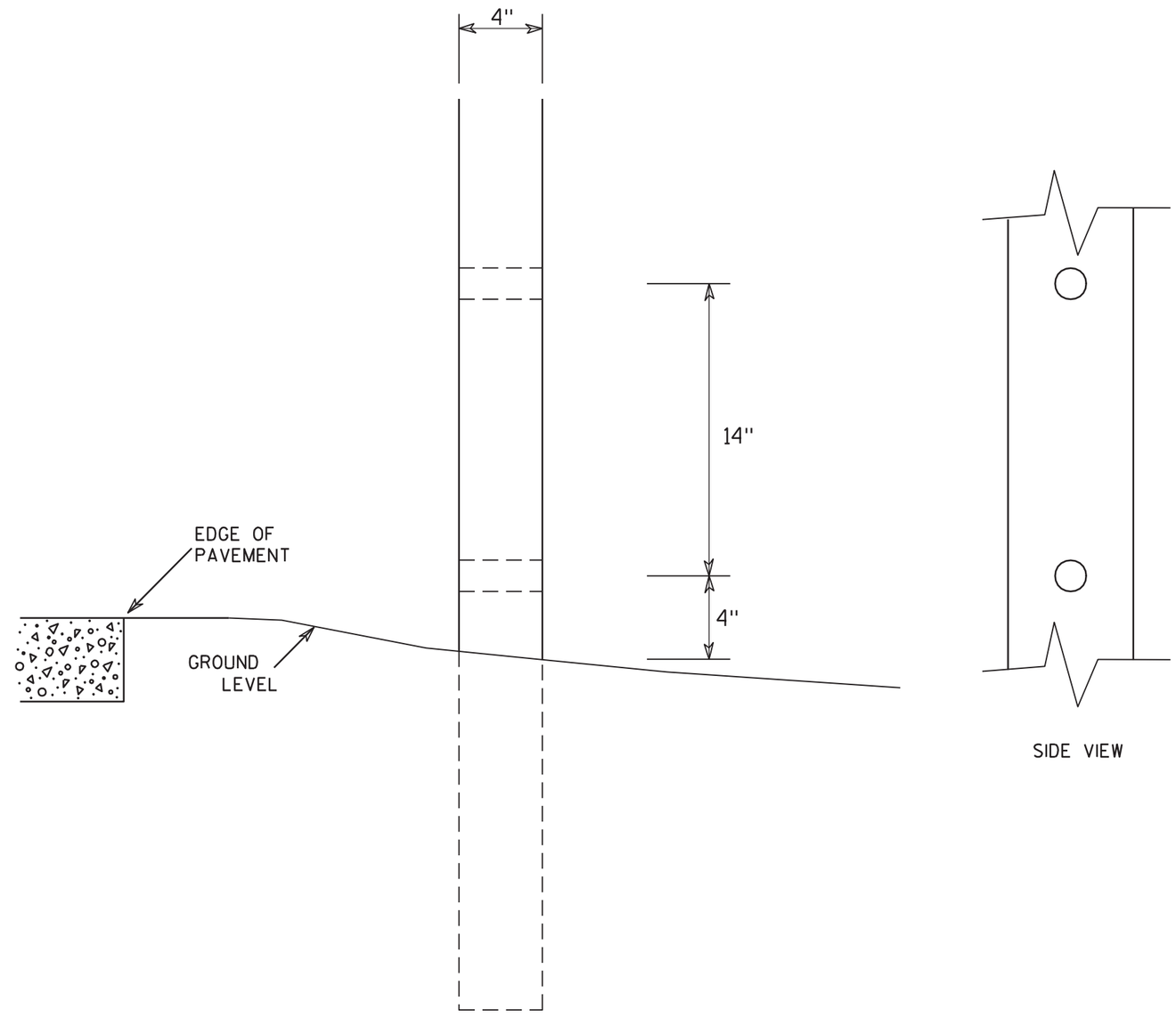
ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/10 PLATE NO. A4-8.7

PROJECT NO: | SHEET NO: E



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

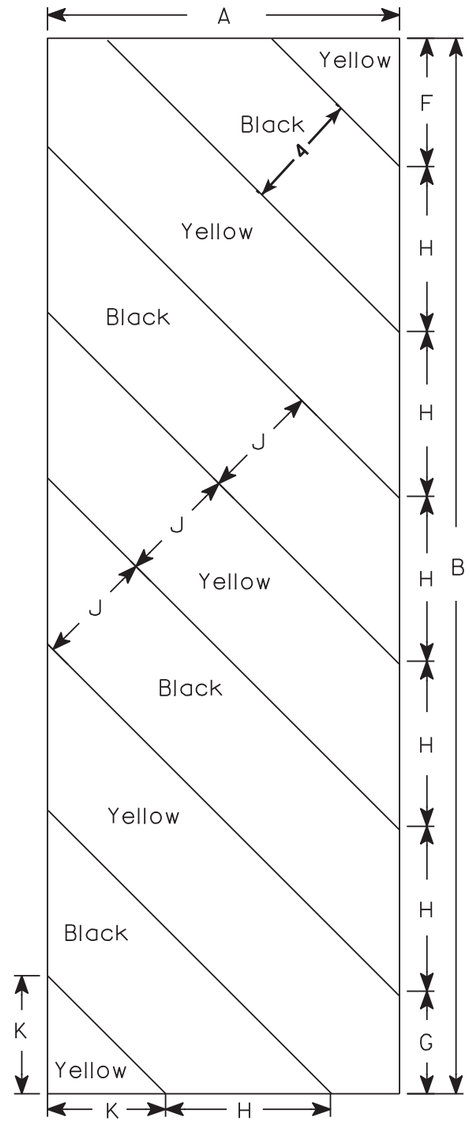
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

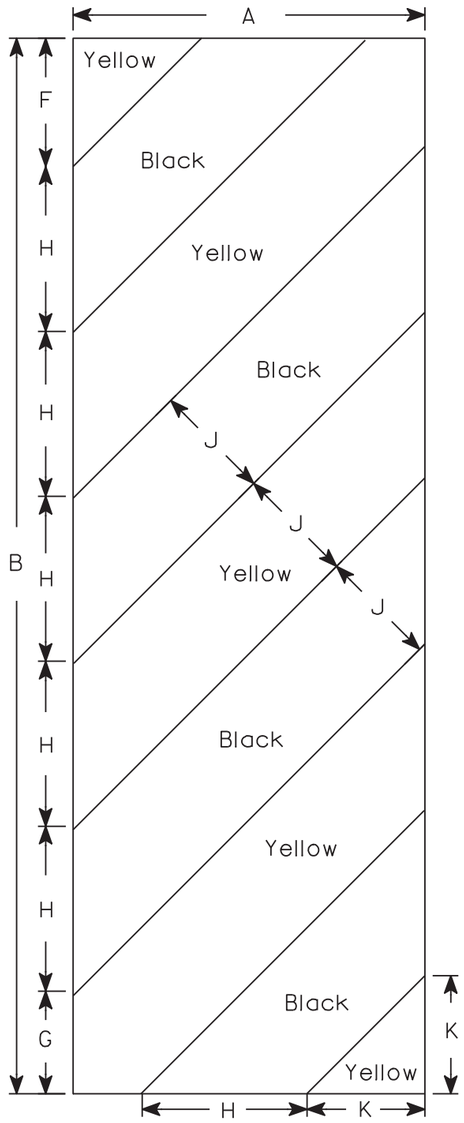
APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W5-52L



W5-52R

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. Alternate colors of stripes as shown.

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	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

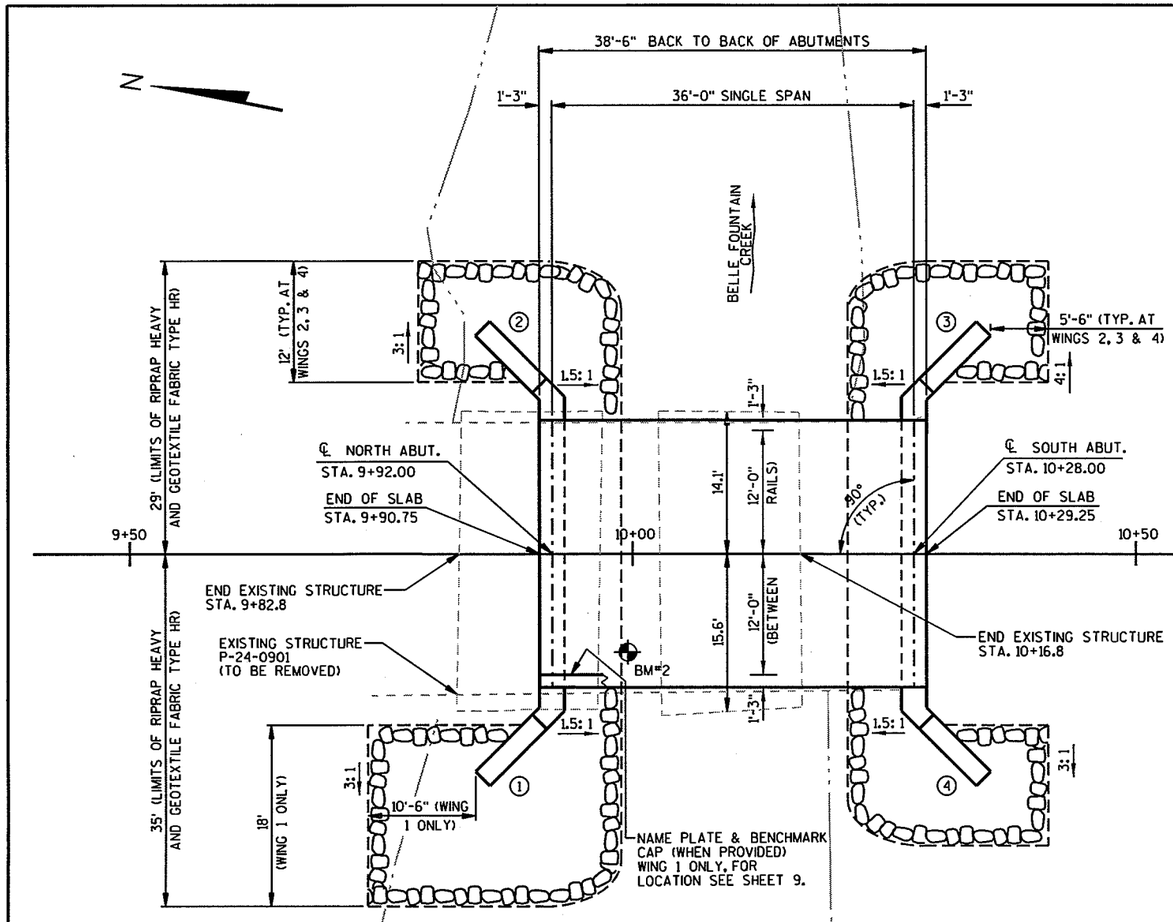
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W5-52.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

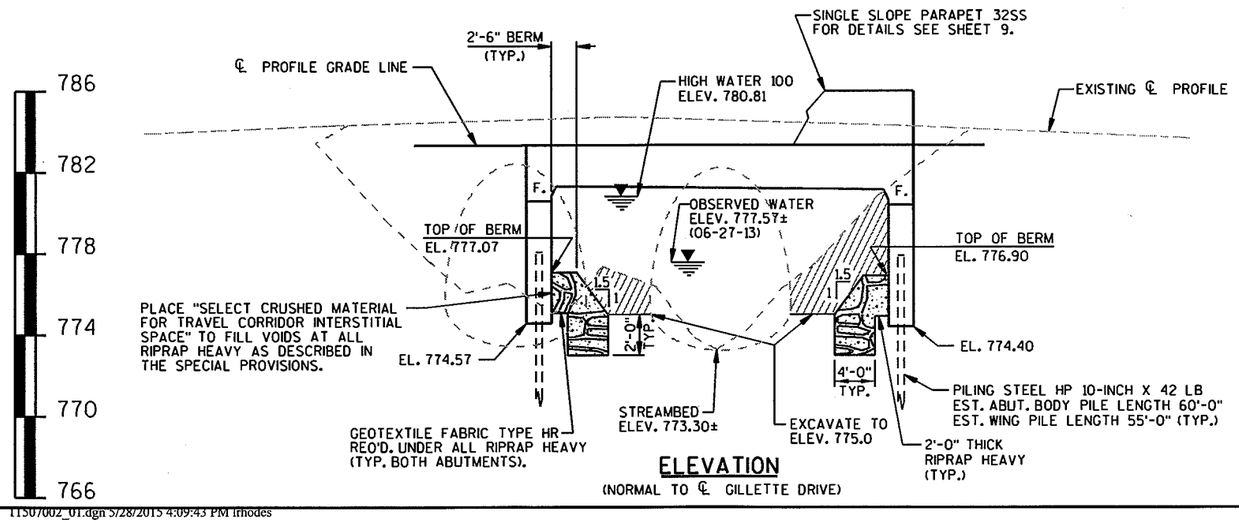


℄ CURVE DATA
PI STA. 11+62.81
Y = 216039.08
X = 494674.57
I = 66°37'27"L
D = 36°53'51"
CD = S 44°16'55" E
T = 103.83'
R = 158.00'
L = 183.72'
C = 173.55
PC STA. 10+58.98
PT STA. 12+42.70

○ - INDICATES WING NUMBER

▨ - REMOVAL OF THIS MATERIAL IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES BRIDGES B-24-0042".

PLAN
(SINGLE SPAN FLAT CONCRETE SLAB)



ELEVATION
(NORMAL TO ℄ GILLETTE DRIVE)

STATE PROJECT NUMBER
6627-01-70

BENCHMARKS ⌖ NAVD 88

NO.	STA./OFFSET	DESCRIPTION	ELEV.
1	9+99.5, 9.8' RT.	PK NAIL IN PAVEMENT	784.55
2	10+87.6, 29.2' RT.	10" SPIKE IN 42" ϕ COTTONWOOD TREE	781.58
3	8+83.0, 22.6' RT.	10" SPIKE IN 36" ϕ COTTONWOOD TREE	780.51

DESIGN DATA

LIVE LOAD:
DESIGN LOADING : HL-93
INVENTORY RATING FACTOR : 1.06
OPERATIONAL RATING FACTOR : 1.38

TRAFFIC DATA:
A.A.D.T. (2016) = < 100
A.A.D.T. (2036) = < 100
R.D.S. = 25 MPH

WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS.

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:
CONCRETE MASONRY, SLAB & PARAPETS — $f'c$ = 4,000 P.S.I.
ALL OTHER — $f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.
PILING STEEL HP — fy = 50,000 P.S.I.

FOUNDATION DATA:
ABUTMENTS TO BE SUPPORTED ON PILING STEEL HP 10-INCH X 42 LB. PILES TO BE DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 140 TONS PER PILE. ESTIMATED ABUT. BODY PILE LENGTHS ARE 60'-0", ESTIMATED WING PILE LENGTHS ARE 55'-0".

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA:
100 YEAR FREQUENCY
DRAINAGE AREA — 34.1 SQ. MI.
Q_{100} — 900 C.F.S.
VELOCITY — 5.63 FT./SEC.
WATERWAY AREA — 160 SQ. FT.
SCOUR CRITICAL CODE — 8
HIGH WATER $_{100}$ ELEVATION — 780.81
Q_2 ELEVATION (310 C.F.S.) — 779.05
ROADWAY OVERFLOW DESIGN FREQUENCY
OVERTOPPING FREQUENCY — > 100 YEARS

LIST OF DRAWINGS

CONSULTANT DESIGN CONTACT:
LEAH RHODES
(608) 355-8945

BRIDGE OFFICE CONTACT:
WILLIAM DREHER
(608) 266-8489

WISCONSIN
LEAH J. RHODES
E-41726
BARABOO
WI
PROFESSIONAL ENGINEER
6/1/2015

NO.	DATE	REVISION	BY

MSA PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL
1230 South Boulevard Baraboo, WI 53913
608-356-2771 1-800-362-4505 Fax: 608-356-2770

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
ACCEPTED William C. Dreher SDR 08/04/15
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-24-0042

GILLETTE DRIVE OVER BELLE FOUNTAIN CREEK

COUNTY	TOWN/~~CITY/VILLAGE~~
GREEN LAKE	KINGSTON

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JAS	LJR	RLR	LJR

GENERAL PLAN

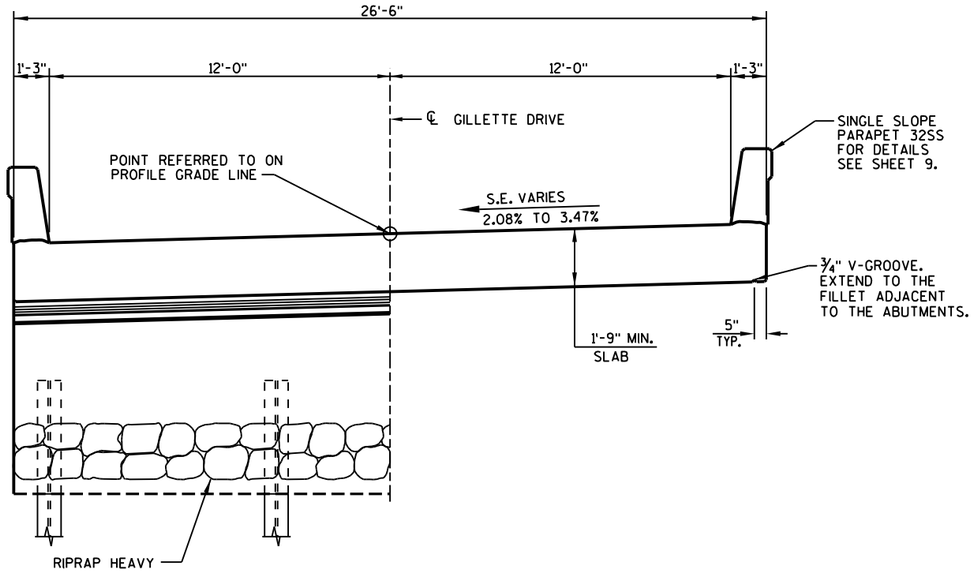
SHEET 25 OF 9

FILE= 11507002_01.DGN
DATE= 5/28/2015

11507002_01.dgn 5/28/2015 4:09:43 PM lrhodes

STATE PROJECT NUMBER

6627-01-70



AT ABUTMENTS

IN SPAN

CROSS SECTION THRU BRIDGE

(LOOKING SOUTH)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

THE FIRST DIGIT OF A THREE DIGIT BAR MARK AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFY THE BAR SIZE.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE FABRIC TYPE HR TO THE LIMITS SHOWN ON SHEET 1 AND ON THE ABUTMENT SHEETS OR AS DIRECTED BY THE ENGINEER.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES" FOR THE ABUTMENTS.

SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

THIS STRUCTURE WILL REPLACE EXISTING STRUCTURE P-24-0901, A 30.9 FT. LONG TWIN STEEL PIPE CULVERT.

AT THE ABUTMENTS ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE. THE BACKFILL STRUCTURE ESTIMATED QUANTITIES ASSUMED A 1½:1 EXCAVATION SLOPE AT THE ABUTMENTS.

DO NOT PLACE FILL ABOVE 3'-0" FROM THE BOTTOM OF ABUTMENT UNTIL THE SUPERSTRUCTURE IS IN PLACE.

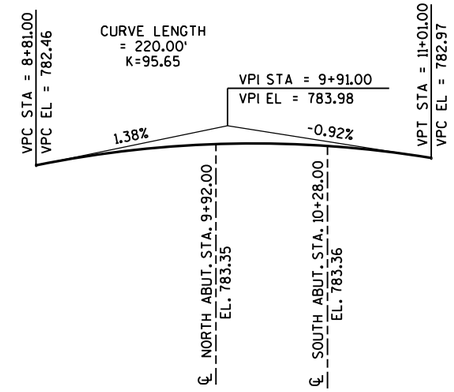
PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE TOP OF SLAB, TO THE TOPS OF WINGS, AND TO THE EXPOSED FRONT FACES OF WINGS.

PIGMENTED SURFACE SEALER SHALL BE APPLIED TO THE INSIDE FACES, THE TOP FACES, AND THE VERTICAL ENDS OF THE PARAPETS.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO USGS NAVD 88 (GEOID 03). BENCHMARK REFERENCES AT THE PROJECT SITE WERE SET BY THE CONSULTANT USING GPS TECHNOLOGY.

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEM	UNIT	NORTH ABUT.	SOUTH ABUT.	SUPER	TOTAL
203.0600.S.01	REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STATION 10+00	LS	-	-	-	1
206.1000.01	EXCAVATION FOR STRUCTURES BRIDGES (B-24-0042)	LS	-	-	-	1
210.0100	BACKFILL STRUCTURE	CY	120	125	-	245
502.0100	CONCRETE MASONRY BRIDGES	CY	31	31	79	141
502.3200	PROTECTIVE SURFACE TREATMENT	SY	15	17	103	135
502.3210	PIGMENTED SURFACE SEALER	SY	-	-	33	33
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	1995	2015	-	4010
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1490	1495	12815	15800
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	5.5	5.5	-	11
550.1100	PILING STEEL HP (10-INCH x 42 LB)	LF	350	350	-	700
606.0300	RIPRAP HEAVY	CY	75	55	-	130
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	75	75	-	150
645.0120	GEOTEXTILE FABRIC TYPE HR	SY	150	115	-	265
SPV.0195.01	SELECT CRUSHED MATERIAL FOR TRAVEL CORRIDOR INTERSTITIAL SPACE	TON	33	24	-	57
	NON-BID ITEMS					
	PREFORMED FILLER	SIZE	-	-	-	½", ¾"



PROFILE GRADE LINE - GILLETTE DRIVE

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY RLR | PLANS CK'D. LJR

CROSS SECTION, QUANTITIES & NOTES

SHEET 2 OF 9
26

FILE= 11507002_02.DGN
DATE=6/29/2015

11507002_02.dgn 6/29/2015 4:12:07 PM rrabska

STATE PROJECT NUMBER

6627-01-70

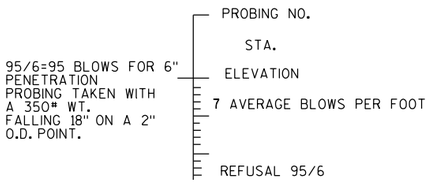
ABBREVIATIONS

F — FINE M — MEDIUM C — COARSE
WS — WEATHERED SO — SOUND

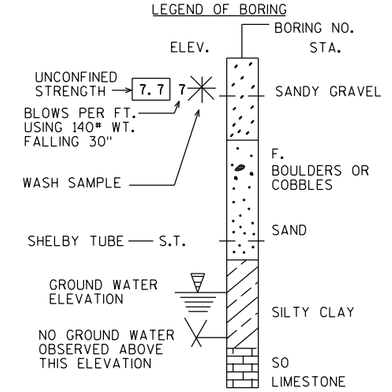
MATERIAL SYMBOLS

TOPSOIL SILT SANDSTONE
SAND PEAT LIMESTONE
GRAVEL CLAY IGNEOUS ROCK

LEGEND OF PROBING



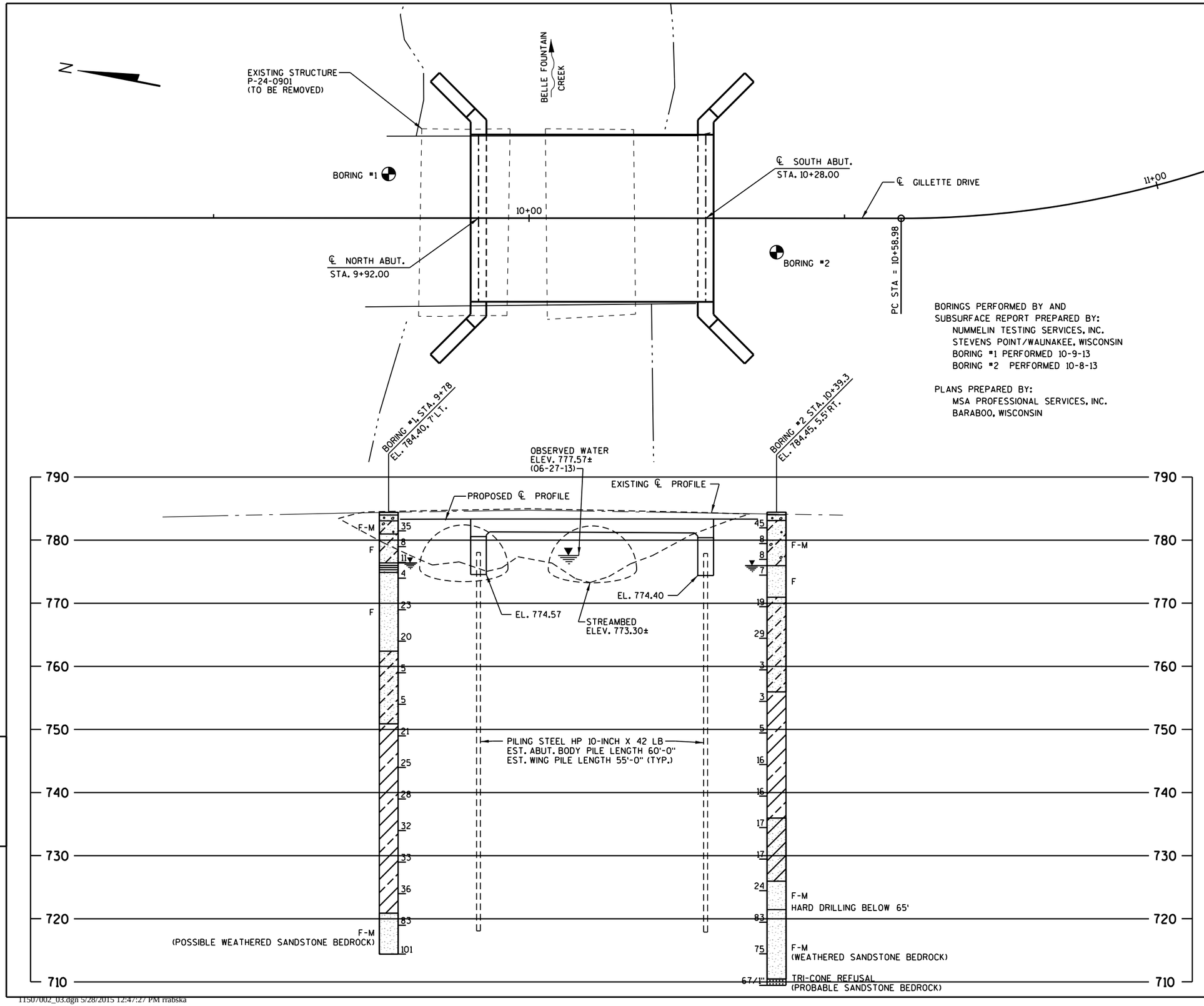
LEGEND OF BORING



UNLESS OTHERWISE SPECIFIED, THE BLOWS PER FOOT AT THE LOCATIONS INDICATED ARE BASED ON DRIVING A 2" O.D. X 1.4" I.D. SPLIT SPOON SAMPLER WITH A 140# HAMMER HAVING A FREE FALL OF 30". THE BLOW COUNT IS TAKEN IN UNDISTURBED SOIL IMMEDIATELY BELOW A CASED OR OPEN HOLE ELIMINATING SIDE FRICTION ON THE DRIVE PIPE.

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

TO OBTAIN RELATIVE DATA CONCERNING THE CHARACTER OF MATERIAL IN AND UPON WHICH THE FOUNDATION MIGHT BE BUILT, BORINGS AND/OR SOUNDINGS WERE MADE AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING. THE DATA PRESENTED HEREIN REPRESENTS THE FINDINGS OF THE SUBSURFACE EXPLORATIONS MADE. HOWEVER, BECAUSE THE DEPTHS INVESTIGATED ARE LIMITED AND THE AREA OF THE BORINGS AND/OR SOUNDINGS IS VERY SMALL IN RELATION TO THE ENTIRE AREA, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT CONDITIONS BELOW THE DEPTHS INVESTIGATED OR THAT THE CLASSIFICATION OF MATERIAL ENCOUNTERED IN THESE INVESTIGATIONS IS NECESSARILY TYPICAL OF THE ENTIRE SITE.



NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY RLR PLANS CK'D. LJR

SUBSURFACE EXPLORATION

SHEET 3 OF 9
27

8

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11507002_03.dgn 5/28/2015 12:47:27 PM rrabska

FILE=11507002_03.dgn
DATE= 5/28/2015

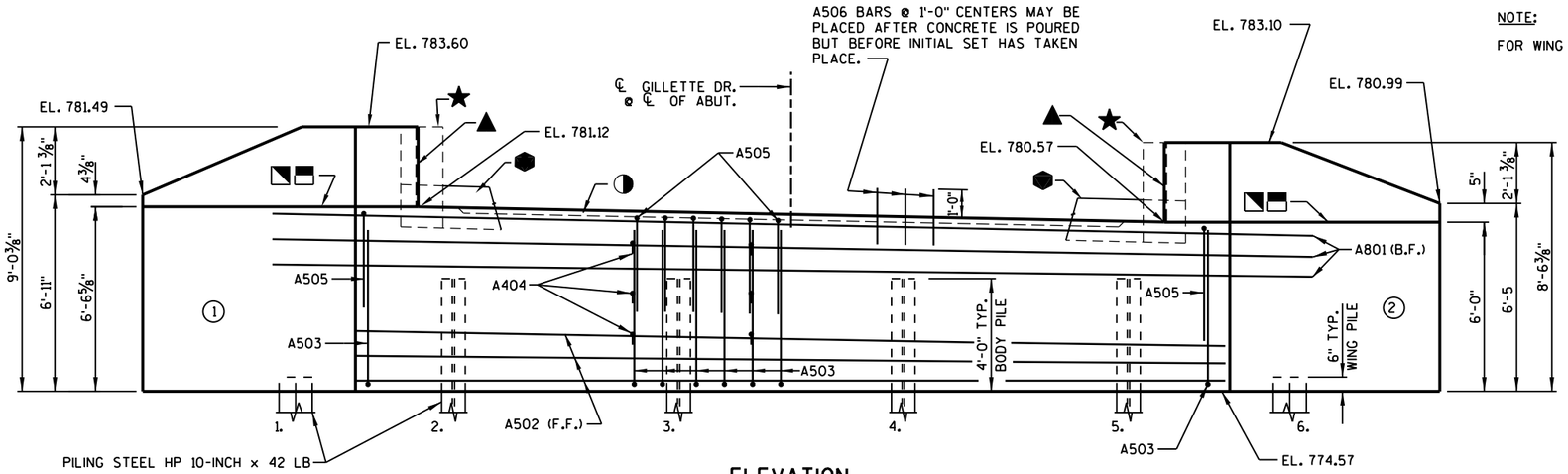
STATE PROJECT NUMBER

6627-01-70

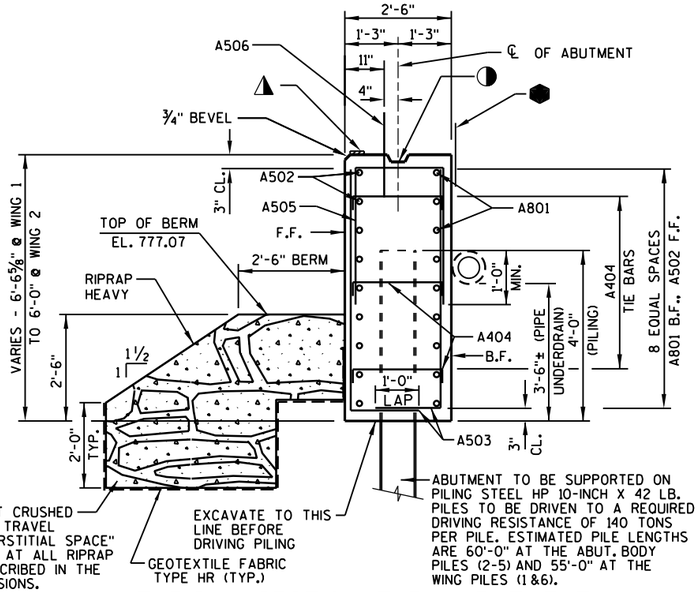
A506 BARS @ 1'-0" CENTERS MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE.

NOTE:

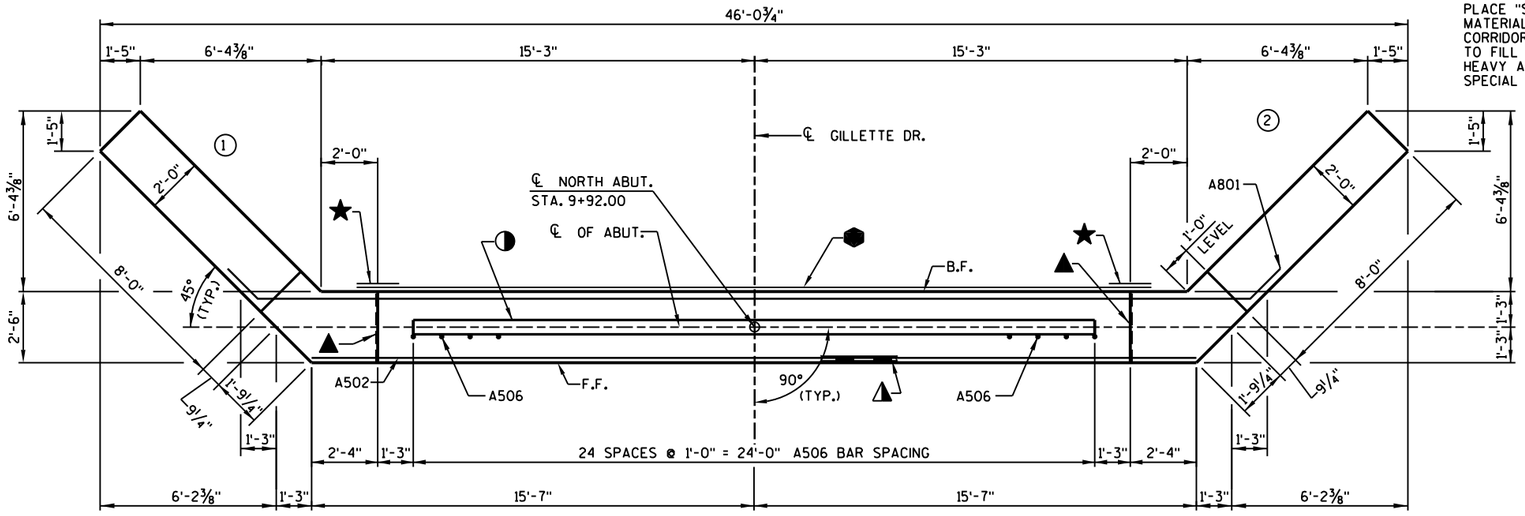
FOR WING DETAILS SEE SHEET 5.



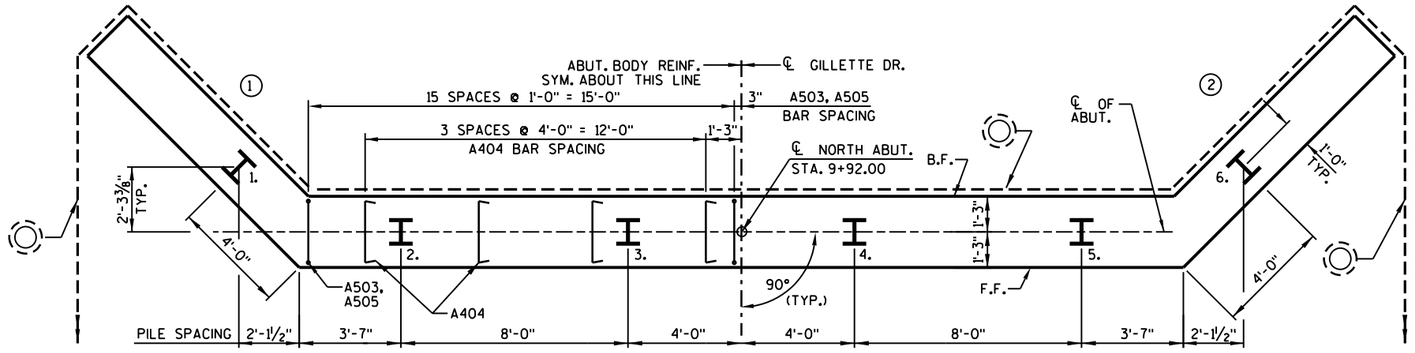
ELEVATION
(LOOKING NORTH)



TYPICAL SECTION THRU ABUTMENT



PLAN



PILE PLAN

LEGEND

- ◯ — INDICATES WING NUMBER
- ◑ — KEYED CONSTRUCTION JOINT FORMED BY BEVELED 2x6.
- ▲ — ½" FILLER EXTEND AS SHOWN. SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY, NON-BITUMINOUS JOINT SEALER. (1" DEEP & HOLD ⅛" BELOW SURFACE OF CONCRETE).
- ◭ — 4"× ¾" FILLER, EXTEND FULL LENGTH OF ABUTMENT BETWEEN EDGES OF SLAB.
- ★ — VERTICAL 18" WIDE RUBBERIZED MEMBRANE WATERPROOFING. EXTEND FROM 9" BELOW BRIDGE SEAT TO TOP OF WINGS.
- ⬢ — HORIZONTAL 18" WIDE RUBBERIZED MEMBRANE WATERPROOFING. EXTEND BETWEEN WINGS.
- ◓ — OPTIONAL KEYED CONST. JOINT ON WING FORMED BY BEVELED 2 X 6. IF JOINT IS USED, PLACE ⬢ ON B.F. OF WING. COST OF ⬢ INCLUDED IN BID ITEM "CONCRETE MASONRY BRIDGES".
- ◹ — ¾" "V" GROOVE ON FRONT FACE OF WING WALL, REQUIRED ONLY WHERE CONSTRUCTION JOINT IS USED.
- ◎ — PIPE UNDERDRAIN WRAPPED 6-INCH. EXTEND THRU GEOTEXTILE FABRIC AT FACE OF RIPRAP HEAVY. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. PROVIDE RODENT PROTECTION AT ENDS OF PIPE.

F.F.— FRONT FACE B.F.— BACK FACE CL.— CLEAR

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY	PLANS CK'D.
RLR	LJR

NORTH ABUTMENT

SHEET 4 OF 9
28

FILE= 1150700Z_04.DGN
DATE= 5/28/2015

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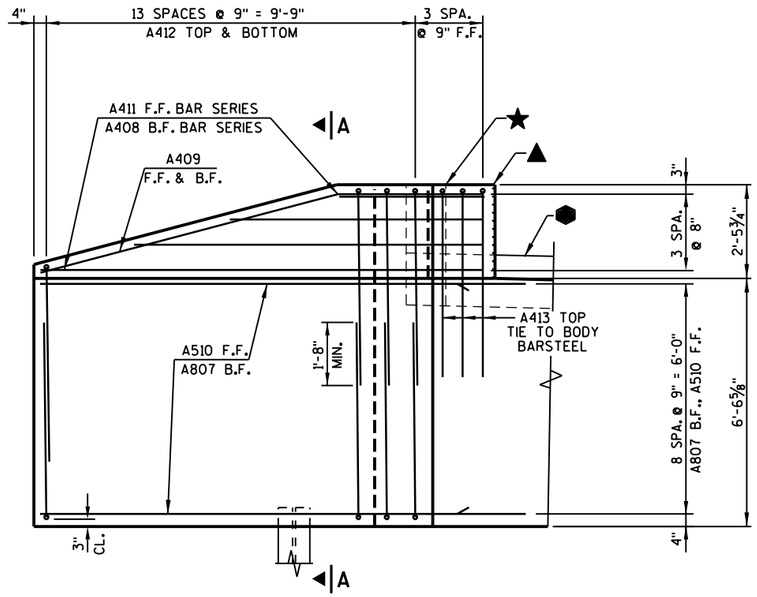
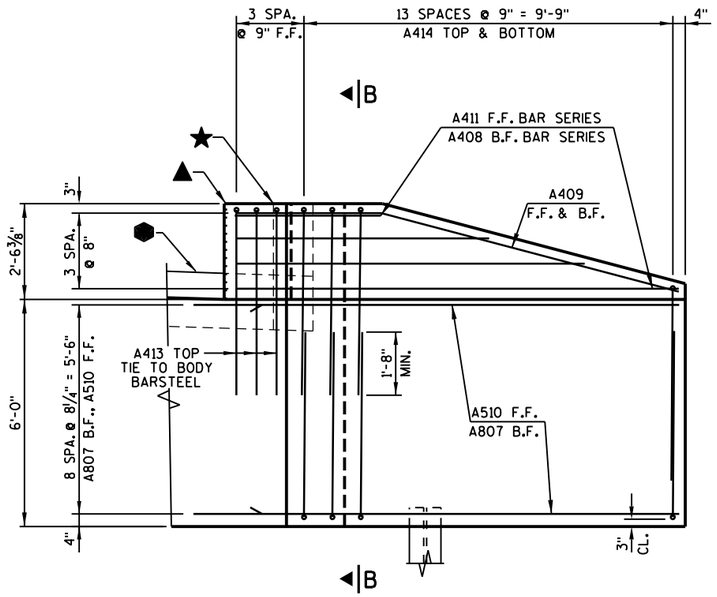
STATE PROJECT NUMBER

6627-01-70



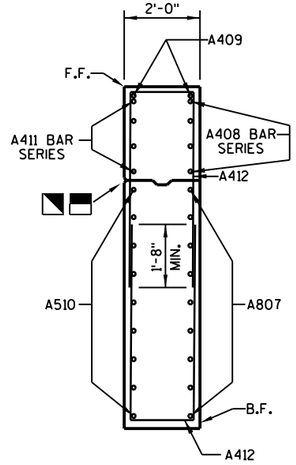
ELEVATION - WING 1

(LOOKING AT F.F. OF WING)

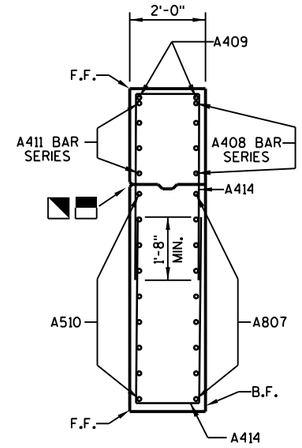


ELEVATION - WING 2

(LOOKING AT F.F. OF WING)

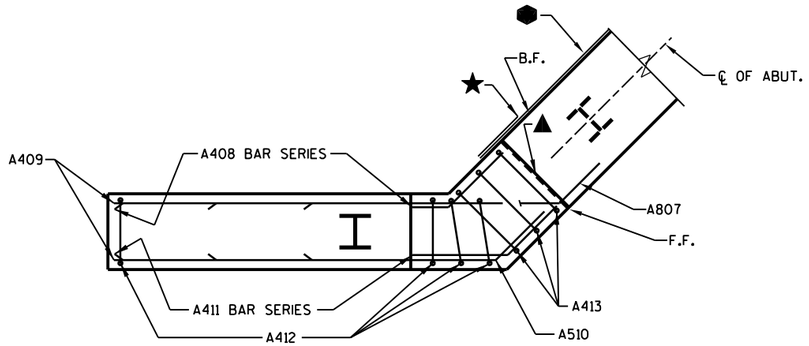


SECTION A-A
THRU WING 1

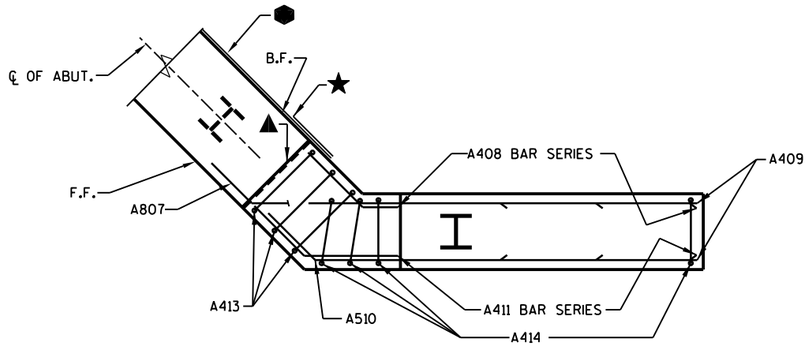


SECTION B-B
THRU WING 2

UNCOATED 1995 LBS.
COATED 1490 LBS.



PLAN - WING 1



PLAN - WING 2

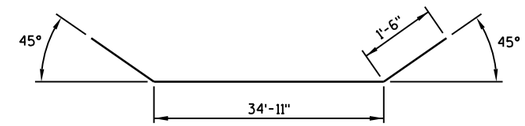
BILL OF BARS

MARK	NUMBER REQUIRED COATED	NUMBER REQUIRED UNCOATED	LENGTH	BENT	BAR SERIES	LOCATION
A801	-	9	37'-8"	X		ABUTMENT BODY - B.F. - HORIZ.
A502	-	9	31'-1"			ABUTMENT BODY - F.F. - HORIZ.
A503	-	64	6'-11"	X		ABUTMENT BODY - F.F. & B.F. - VERT.
A404	-	24	2'-9"	X		ABUTMENT BODY - TIES - HORIZ.
A505	-	32	8'-9"	X		ABUTMENT BODY - TOP - VERT.
A506	25	-	2'-0"			ABUTMENT BODY - TOP DOWEL - VERT.
A807	18	-	13'-2"	X		WINGS - B.F. - HORIZ.
A408	8	-	6'-9"	X	Ⓢ	WINGS - B.F. - HORIZ.
A409	4	-	10-6"	X		WINGS - F.F. & B.F. - TOP - HORIZ.
A510	18	-	11'-8"	X		WINGS - F.F. - HORIZ.
A411	8	-	8'-3"	X	Ⓢ	WINGS - F.F. - HORIZ.
A412	28	-	11'-10"	X		WING 1 - VERT.
A413	6	-	10'-8"	X		WINGS ℄ ABUT. CORNER - VERT.
A414	28	-	11'-4"	X		WING 2 - VERT.

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BAR.

Ⓢ - LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BENT BARS IF USED IN BAR SERIES TABLE SHALL BE BENT AFTER CUTTING.

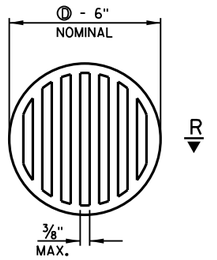


A801

RODENT SHIELD NOTES:

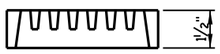
ORIENT SHIELD SO SLOTS ARE VERTICAL.

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 ATTACHEMENT OF THIS SHIELD TO 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. THE RODENT SHIELD SHALL BE INCLUDED IN THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".



RODENT SHIELD

Ⓓ - DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING.

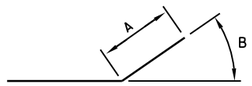


SECTION R-R

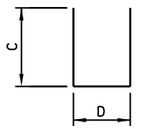
BAR MARK	NO. REQ'D.	LENGTH
A408	2 SERIES OF 4	2'-10" TO 10'-8"
A411	2 SERIES OF 4	4'-5" TO 12'-1"

BAR SERIES TABLE

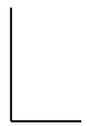
SEE LEGEND ON SHEET 4 FOR DESCRIPTION OF ★ ⬢ ◥ ▭ ▲



MARK	A	B
A807 A510	1'-6"	45°
A408	1'-10"	45°
A409	2'-5"	15°
A411	2'-0"	45°



MARK	C	D
A404	4½"	2'-2"
A505	3'-5"	2'-2"
A412	5'-2"	1'-8"
A413	4'-4"	2'-2"
A414	4'-11"	1'-8"



A503

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY RLR | PLANS CK'D. LJR

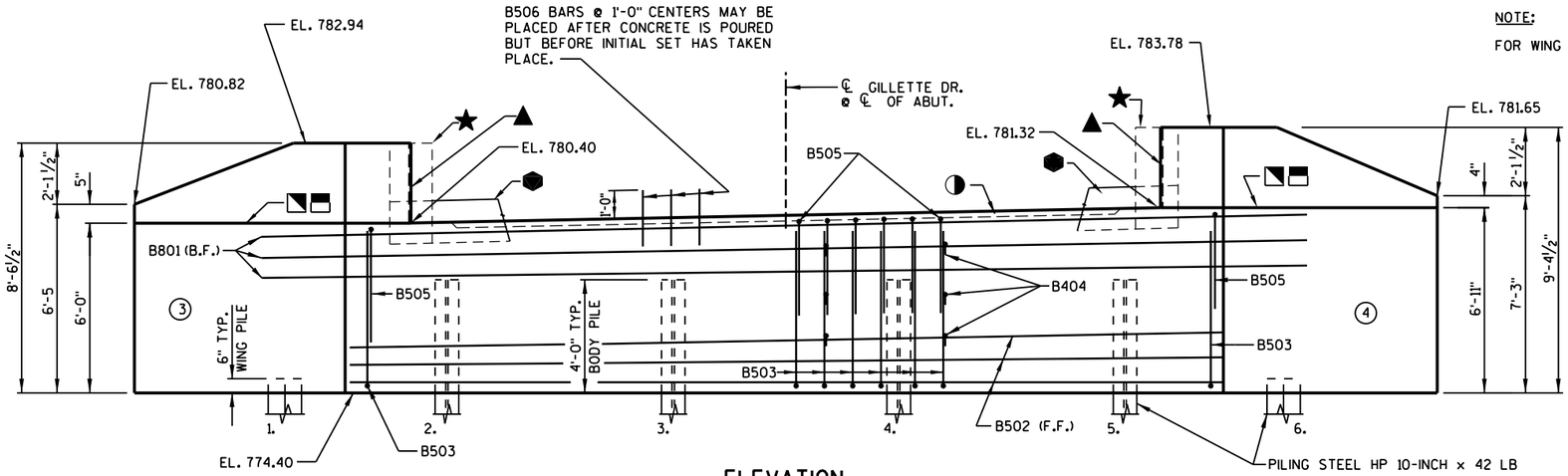
NORTH ABUTMENT DETAILS

SHEET 5 OF 9
29

FILE= 1150T002_05.DGN
DATE= 5/28/2015

STATE PROJECT NUMBER

6627-01-70

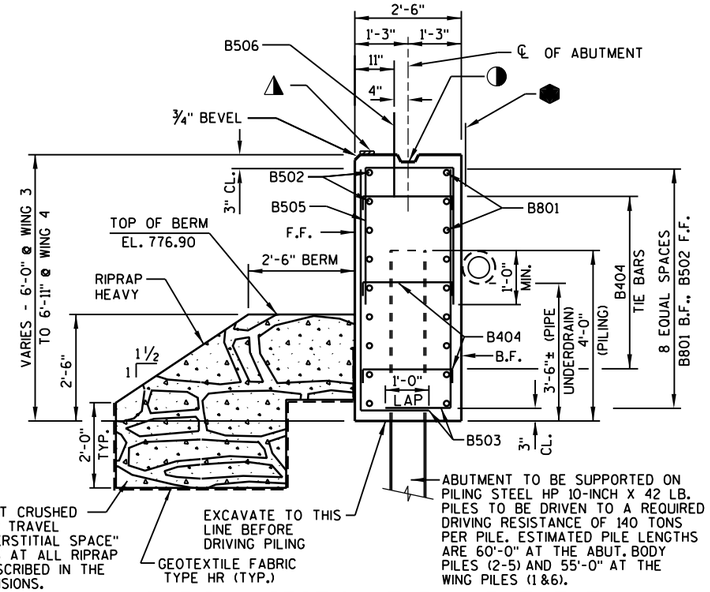


NOTE:

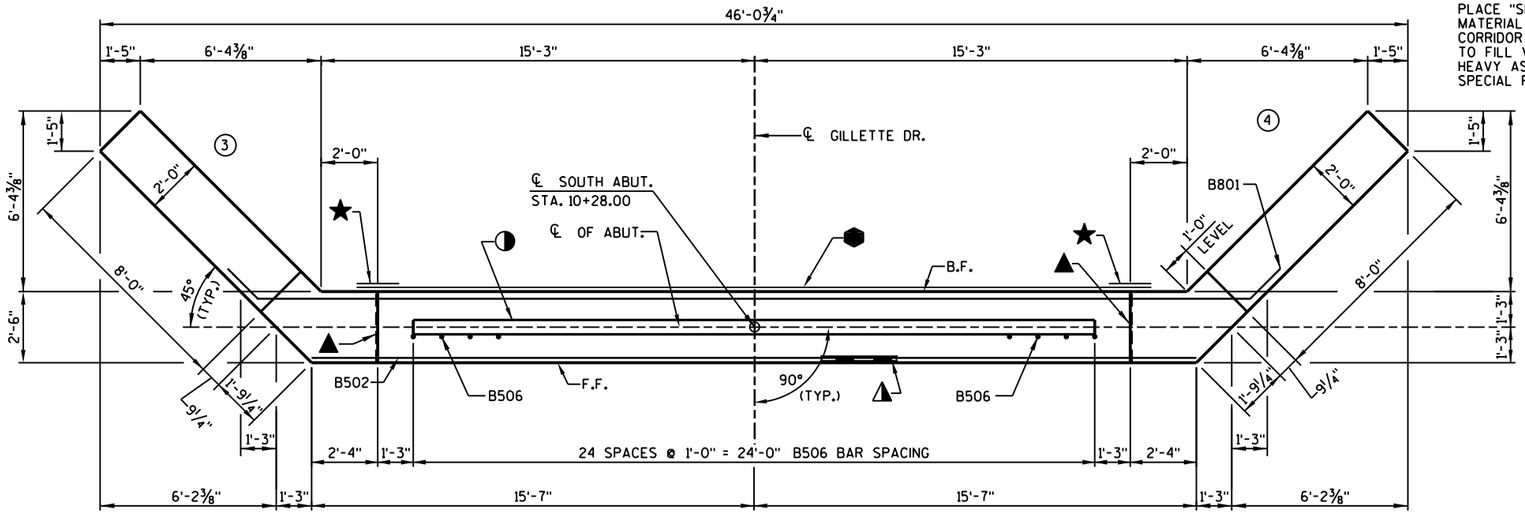
FOR WING DETAILS SEE SHEET 7.

ELEVATION

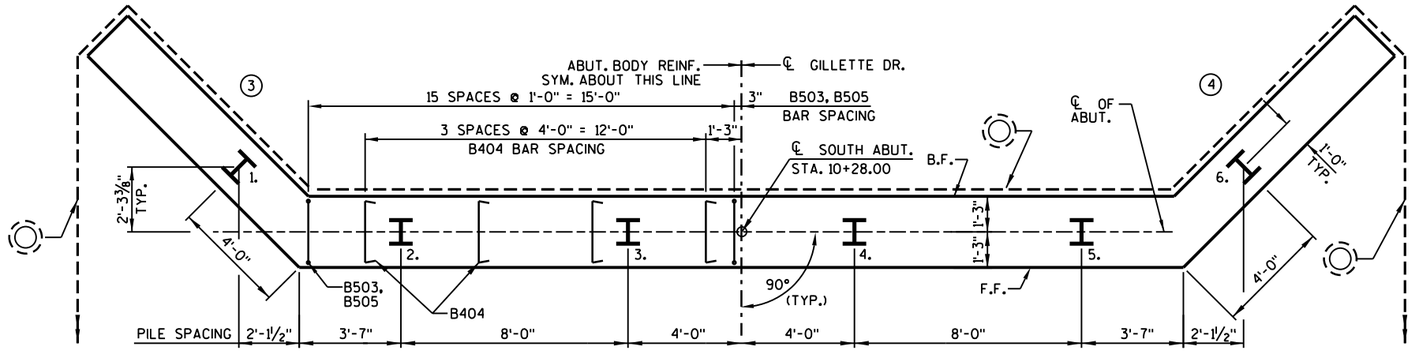
(LOOKING SOUTH)



TYPICAL SECTION THRU ABUTMENT



PLAN



PILE PLAN

LEGEND

- ◯ — INDICATES WING NUMBER
- ◑ — KEYED CONSTRUCTION JOINT FORMED BY BEVELED 2x6.
- ▲ — ½" FILLER EXTEND AS SHOWN. SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY, NON-BITUMINOUS JOINT SEALER. (1" DEEP & HOLD ⅛" BELOW SURFACE OF CONCRETE).
- ◭ — 4"× ¾" FILLER, EXTEND FULL LENGTH OF ABUTMENT BETWEEN EDGES OF SLAB.
- ★ — VERTICAL 18" WIDE RUBBERIZED MEMBRANE WATERPROOFING. EXTEND FROM 9" BELOW BRIDGE SEAT TO TOP OF WINGS.
- ⬢ — HORIZONTAL 18" WIDE RUBBERIZED MEMBRANE WATERPROOFING. EXTEND BETWEEN WINGS.
- ◓ — OPTIONAL KEYED CONST. JOINT ON WING FORMED BY BEVELED 2 X 6. IF JOINT IS USED, PLACE ⬢ ON B.F. OF WING. COST OF ⬢ INCLUDED IN BID ITEM "CONCRETE MASONRY BRIDGES".
- ◥ — ¾" "V" GROOVE ON FRONT FACE OF WING WALL, REQUIRED ONLY WHERE CONSTRUCTION JOINT IS USED.
- ◎ — PIPE UNDERDRAIN WRAPPED 6-INCH. EXTEND THRU GEOTEXTILE FABRIC AT FACE OF RIPRAP HEAVY. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. PROVIDE RODENT PROTECTION AT ENDS OF PIPE.

F.F. — FRONT FACE B.F. — BACK FACE CL. — CLEAR

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY	PLANS CK'D.
RLR	LJR

SOUTH ABUTMENT

SHEET 6 OF 9
30

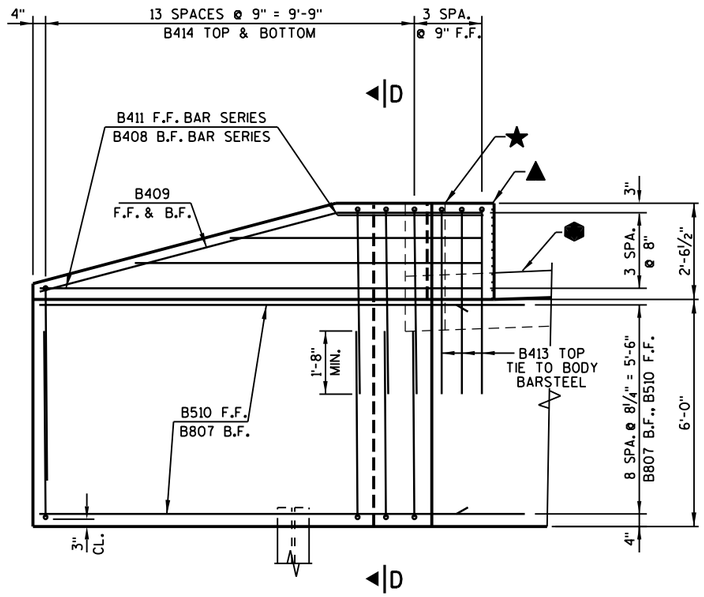
FILE= 1150702_06.DGN
DATE= 5/28/2015

8

8

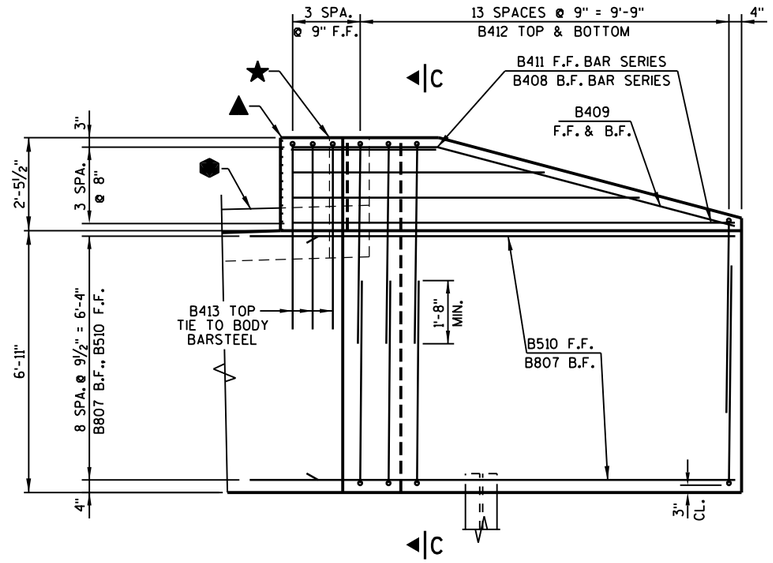
STATE PROJECT NUMBER

6627-01-70



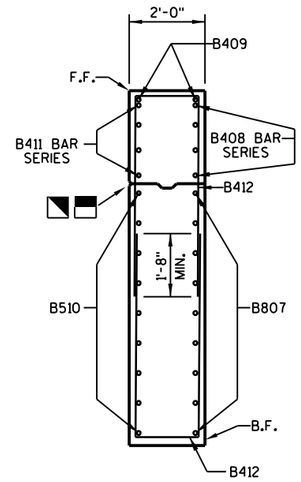
ELEVATION - WING 3

(LOOKING AT F.F. OF WING)

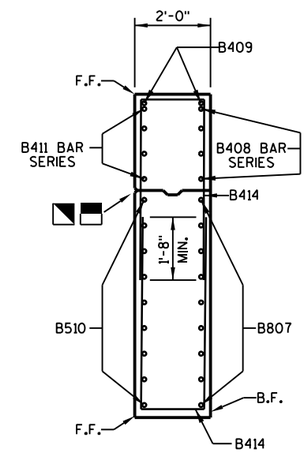


ELEVATION - WING 4

(LOOKING AT F.F. OF WING)

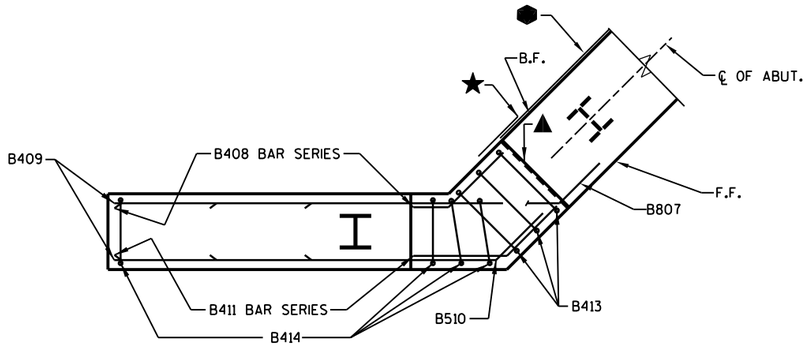


SECTION C-C
THRU WING 4

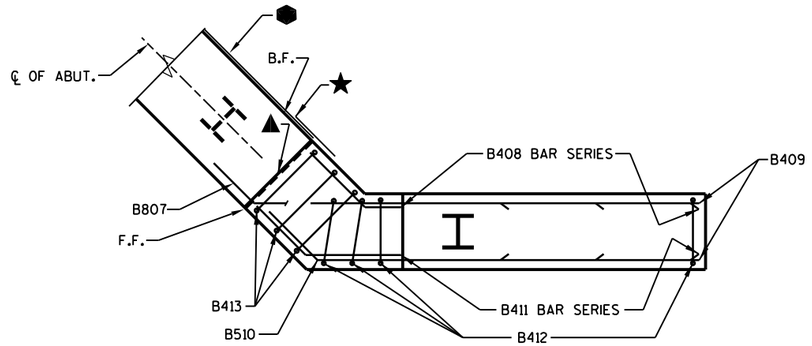


SECTION D-D
THRU WING 3

UNCOATED 2015 LBS.
COATED 1495 LBS.



PLAN - WING 3



PLAN - WING 4

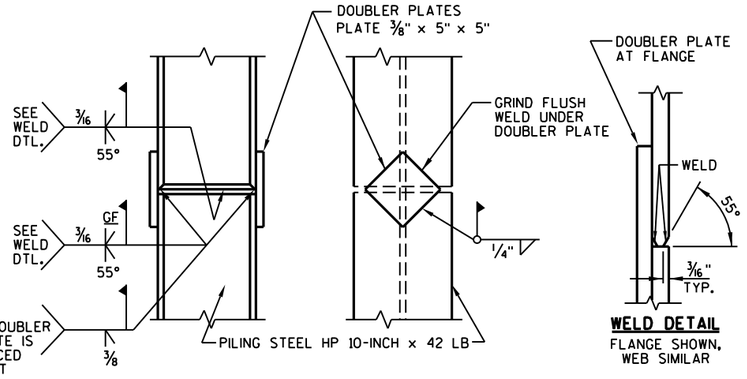
BILL OF BARS

MARK	NUMBER REQUIRED COATED	NUMBER REQUIRED UNCOATED	LENGTH	BENT	BAR SERIES	LOCATION
B801	-	9	37'-8"	X		ABUTMENT BODY - B.F. - HORIZ.
B502	-	9	31'-1"			ABUTMENT BODY - F.F. - HORIZ.
B503	-	64	6'-11"	X		ABUTMENT BODY - F.F. & B.F. - VERT.
B404	-	24	2'-9"	X		ABUTMENT BODY - TIES - HORIZ.
B505	-	32	9'-5"	X		ABUTMENT BODY - TOP - VERT.
B506	25	-	2'-0"			ABUTMENT BODY - TOP DOWEL - VERT.
B807	18	-	13'-2"	X		WINGS - B.F. - HORIZ.
B408	8	-	6'-9"	X	Ⓢ	WINGS - B.F. - HORIZ.
B409	4	-	10-6"	X		WINGS - F.F. & B.F. - TOP - HORIZ.
B510	18	-	11'-8"	X		WINGS - F.F. - HORIZ.
B411	8	-	8'-3"	X	Ⓢ	WINGS - F.F. - HORIZ.
B412	28	-	12'-2"	X		WING 4 - VERT.
B413	6	-	10'-8"	X		WINGS @ ABUT. CORNER - VERT.
B414	28	-	11'-4"	X		WING 3 - VERT.

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BAR.

Ⓢ - LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BENT BARS IF USED IN BAR SERIES TABLE SHALL BE BENT AFTER CUTTING.

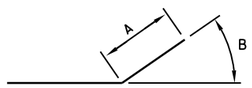


PILE SPLICE DETAILS

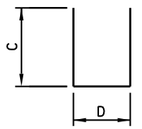
BAR MARK	NO. REQ'D.	LENGTH
B408	2 SERIES OF 4	2'-10" TO 10'-8"
B411	2 SERIES OF 4	4'-5" TO 12'-1"

BAR SERIES TABLE

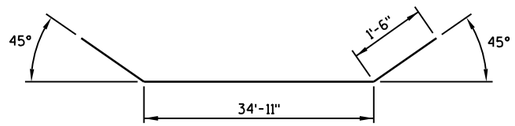
SEE LEGEND ON SHEET 6 FOR DESCRIPTION OF ★ ⬢ ◥ ▭ ▲



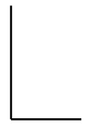
MARK	A	B
B807 B510	1'-6"	45°
B408	1'-10"	45°
B409	2'-5"	15°
B411	2'-0"	45°



MARK	C	D
B404	4½"	2'-2"
B505	3'-9"	2'-2"
B412	5'-4"	1'-8"
B413	4'-4"	2'-2"
B414	4'-11"	1'-8"



B801



B503

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY RLR | PLANS CK'D. LJR

SOUTH ABUTMENT DETAILS

SHEET 7 OF 9
31

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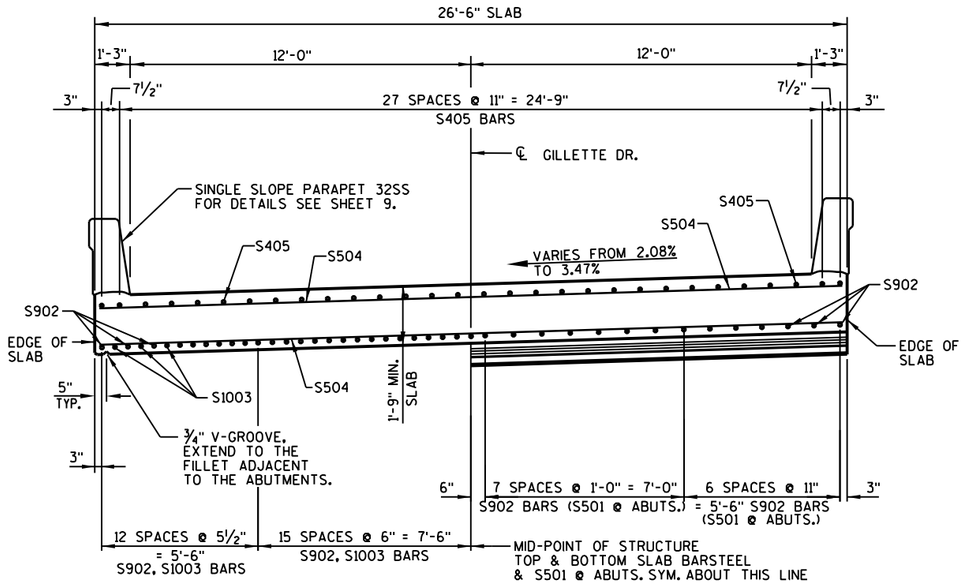
FILE= 11507002_07.DGN
DATE= 5/28/2015

STATE PROJECT NUMBER

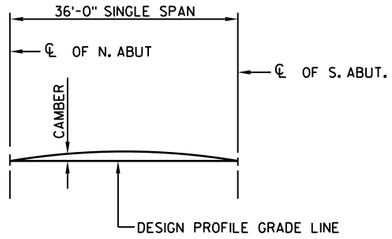
6627-01-70



IN SPAN AT ABUTMENTS

CROSS SECTION THRU BRIDGE

(LOOKING SOUTH)



CAMBER DIAGRAM

CAMBER SPANS AS SHOWN ABOVE AND IN THE TABLE OF VALUES TO PROVIDE FOR DEAD LOAD DEFLECTION AND FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT. DEAD LOAD DEFLECTION APPROXIMATES 1/3 OF CAMBER VALUES SHOWN.

NOTE:

SEE SHEET 9 FOR PARAPET BARS PLACED IN SLAB.

GENERAL NOTES

ALL SLAB THICKNESS DIMENSIONS ARE MINIMUM. ANY TOLERANCES NECESSARY TO CORRECT CONSTRUCTION DISCREPANCIES ARE TO BE PLUS (+).

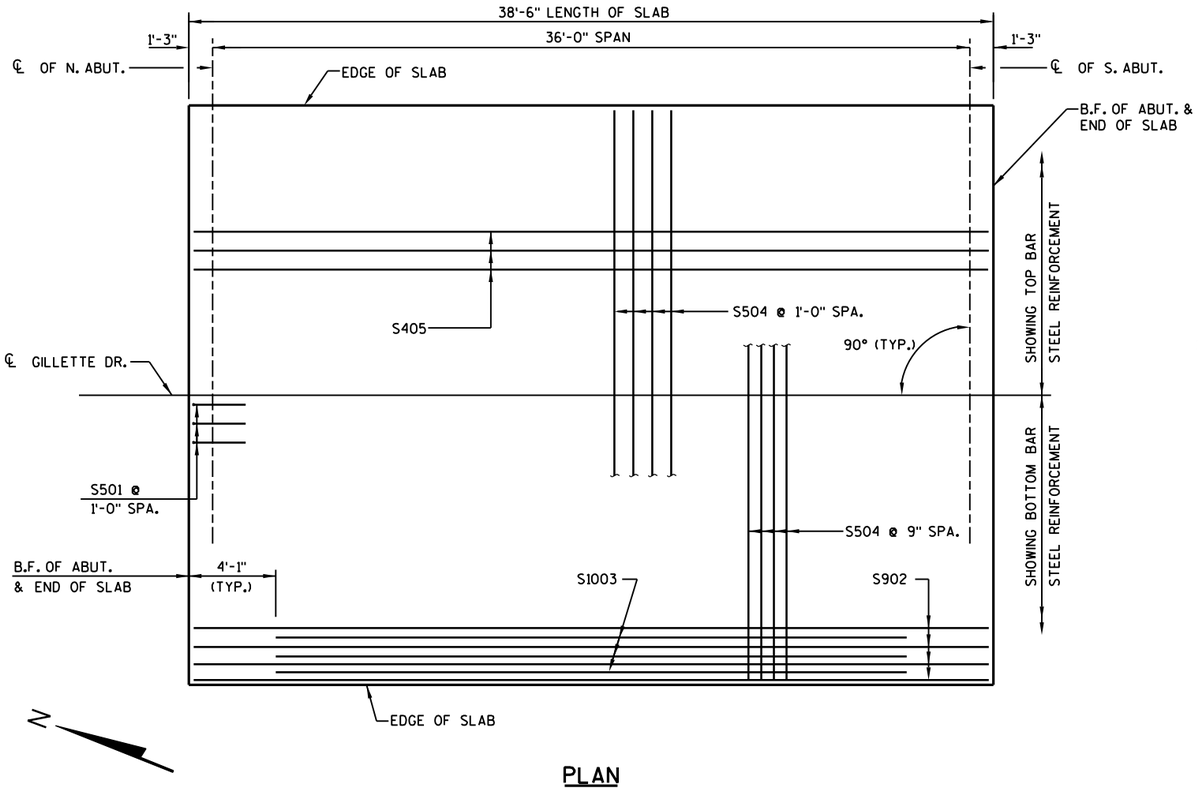
TOP TRANSVERSE BARS IN SLAB SHALL BE SUPPORTED BY INDIVIDUAL BAR CHAIRS AT APPROXIMATELY 3'-0" CENTERS EACH WAY. BOTTOM LONGITUDINAL BARS SHALL BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

PRIOR TO RELEASING SLAB FALSEWORK, TAKE TOP OF SLAB ELEVATIONS AT THE ℄ OF ABUTMENTS AND AT THE 5/10 POINT TO VERIFY CAMBER. TAKE ELEVATIONS ALONG EDGES OF SLAB AND STRUCTURE ℄.

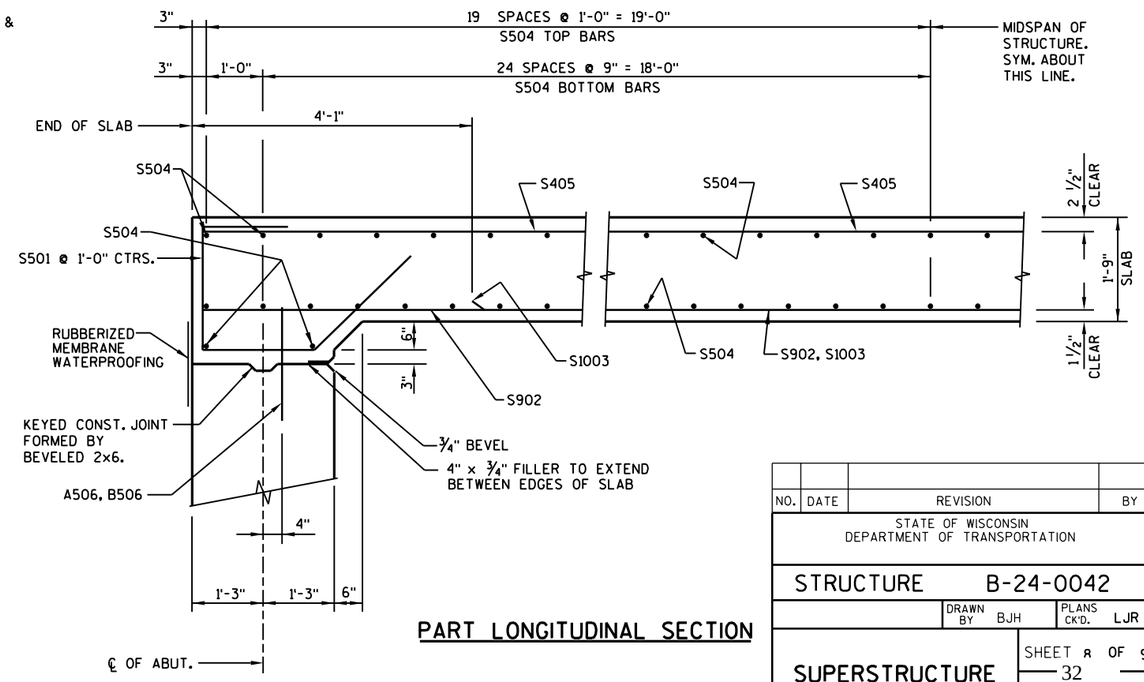
TOP OF SLAB ELEVATIONS AND CAMBER VALUES

LOCATION	SPAN POINT	EAST SLAB EDGE	C/L GILLETTE DRIVE	WEST SLAB EDGE	CAMBER VALUE (INCHES)
NORTH ABUT.	1.0	783.10	783.35	783.60	0.00
	1.1	783.09	783.36	783.62	0.3
	1.2	783.08	783.36	783.65	0.6
	1.3	783.07	783.37	783.67	0.8
	1.4	783.05	783.37	783.69	1.0
	1.5	783.04	783.37	783.71	1.0
	1.6	783.02	783.37	783.72	1.0
	1.7	783.01	783.37	783.74	0.8
	1.8	782.99	783.37	783.75	0.6
	1.9	782.97	783.37	783.77	0.3
SOUTH ABUT.	2.0	782.94	783.36	783.78	0.0

NOTE: SLAB ELEVATIONS AT FACE OF PARAPET ARE THE SAME ELEVATION AS THE SLAB EDGE.



PLAN



PART LONGITUDINAL SECTION

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

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SUPERSTRUCTURE

SHEET R OF 9
32

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DATE=6/1/2015

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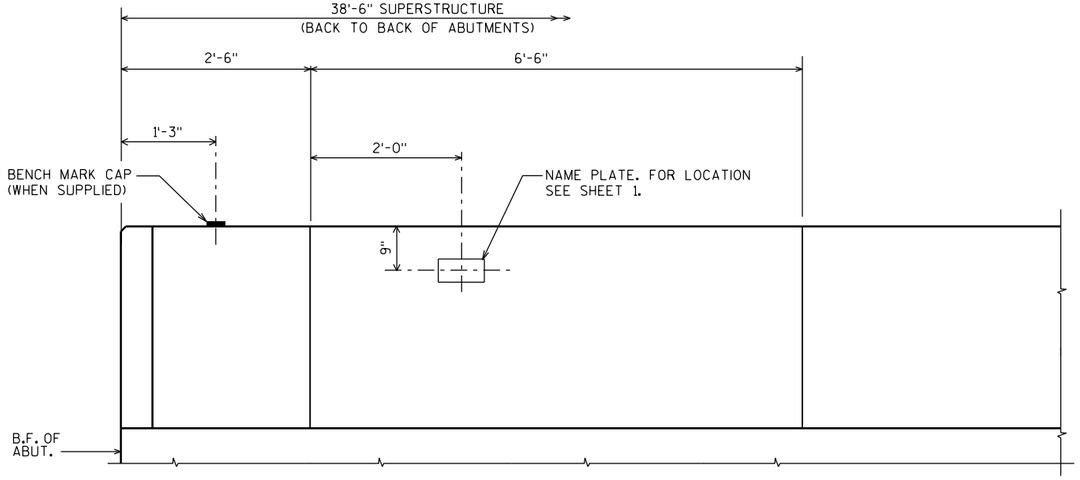
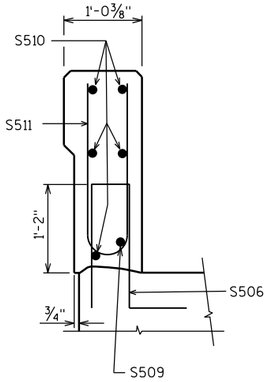
11507002_08.dgn 6/1/2015 11:49:20 AM rrabska

STATE PROJECT NUMBER

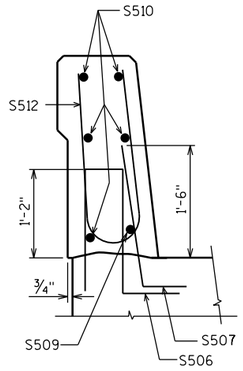
6627-01-70



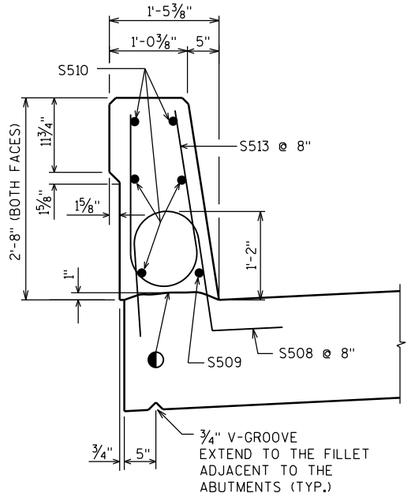
INSIDE ELEVATION



SECTION A-A
AT END OF PARAPET

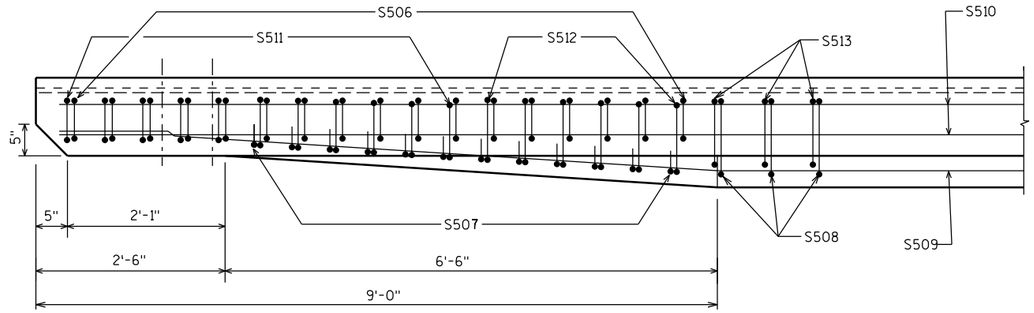


SECTION B-B
AT END OF PARAPET

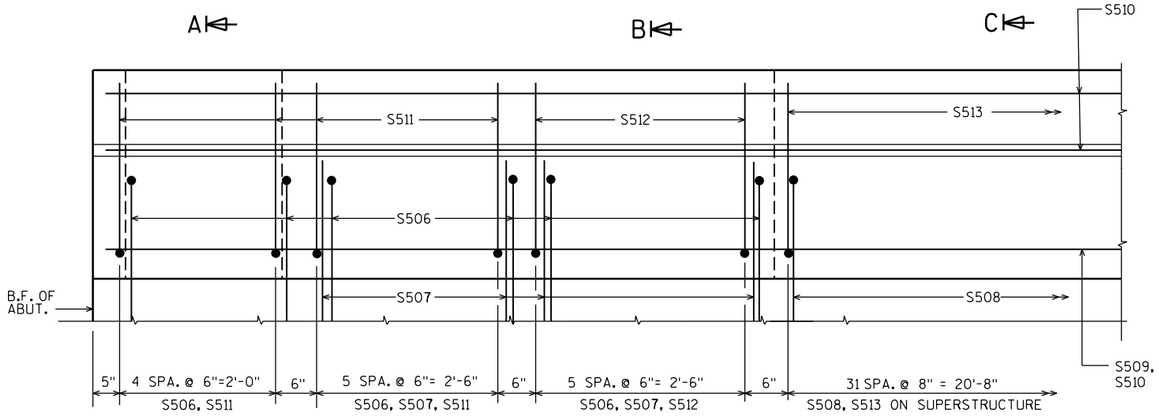


SECTION C-C THRU
PARAPET ON BRIDGE

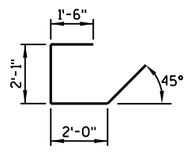
◐ CONST. JOINT - STRIKE OFF AS SHOWN.



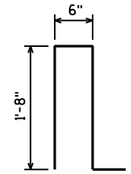
PLAN



OUTSIDE ELEVATION



S501

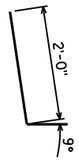


S506

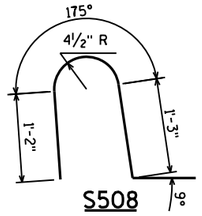
BILL OF BARS (COATED) 12,815 LBS.

MARK	NO. REQ'D.	LENGTH	BENT	LOCATION
S501	56	7'-4"	X	DIAPHRAGM @ ABUTS. - LONGIT.
S902	28	38'-2"		SLAB BOTTOM - LONGIT.
S1003	27	30'-4"		SLAB BOTTOM - LONGIT.
S504	94	26'-2"		SLAB TOP & BOTTOM - TRANS.
S405	30	38'-2"		SLAB TOP - LONGIT.
S506	68	4'-4"	X	SLAB & PARAPET END - STIRRUP - VERT.
S507	48	2'-9"	X	SLAB & PARAPET END - VERT.
S508	64	4'-5"	X	SLAB & PARAPET - STIRRUP - VERT.
S509	4	20'-6"	X	PARAPET - LONGIT.
S510	10	38'-2"		PARAPET - LONGIT.
S511	44	4'-9"	X	PARAPET END - STIRRUP - VERT.
S512	24	4'-10"	X	PARAPET END - STIRRUP - VERT.
S513	64	5'-0"	X	PARAPET - STIRRUP - VERT.

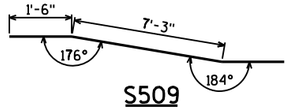
DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT OF BAR.
EPOXY COAT ALL SUPERSTRUCTURE BAR STEEL REINFORCEMENT.



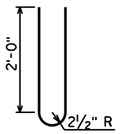
S507



S508



S509



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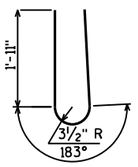

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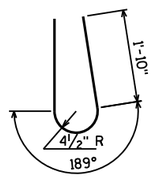


S513

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-24-0042

DRAWN BY BJH | PLANS CK'D. LJR

SINGLE SLOPE
PARAPET 32SS

SHEET 9 OF 9
33

FILE= 11507002_9.DGN
DATE= 5/28/2015

8

8

PROJECT I.D. 6627-01-70 EARTHWORK SUMMARY

STA	EXCAVATION COMMON CY	EXCAVATION ROCK CY	FILL (1) CY	EXPANDED FILL (2) CY	WASTE CY	BORROW CY
8+50.00						
	34	0	11	14	20	-20
8+86.77						
	58	0	24	31	27	-27
9+38.39						
	68	0	24	31	37	-37
9+75.00						
	18	0	8	10	8	-8
9+82.80						
STRUCTURE B-24-0042						
10+16.80						
	38	0	4	5	33	-33
10+41.62						
	62	0	6	8	54	-54
10+93.23						
	54	0	2	3	51	-51
11+55.00						
	49	0	0	0	49	-49
12+08.45						
	31	0	2	3	28	-28
12+42.70						
	53	0	8	10	43	-43
13+00.00						
	45	0	4	5	40	-40
13+45.45						
	5	0	0	0	5	-5
13+50.00						
SUBTOTALS						
NORTH APPROACH	178	0	67	86	92	-92
SOUTH APPROACH	337	0	26	34	303	-303
UNUSABLE PAVEMENT (3)						43
TOTALS	**515**	**0**	**93**	**120**	**395**	**-352**

(1) - NOT A BID ITEM - FOR INFORMATIONAL PURPOSES ONLY.
(2) - FILL EXPANSION 30%
(3) - EXISTING PAVEMENT BASED ON AVERAGE THICKNESS OF 5" OF ASPHALT PER BORING LOG.

9

9

PROJECT NO: 6627-01-70 | HWY: GILLETTE DRIVE | COUNTY: GREEN LAKE | EARTHWORK | SHEET E

FILE NAME : P:\11500s\11500s\11507\11507002\Estimate\11507002_MiscQty & Earthwork Borders.dgn PLOT DATE : 5/27/2015 PLOT BY : jsnyder PLOT NAME : PLOT SCALE : 1:20 WISDOT/CADDS SHEET 49

11507002_MiscQty & Earthwork Borders.dgn 5/27/2015 1:29:23 PM jsnyder

STRUCTURE B-24-0042

9 + 75

-17.00
781.77
4%
2.00%
1.42%
1.42%
21.00
781.32
4:1
4:1
-16.17
781.98
-26.38
778.64
3:1
782.30
16.17
782.53
3:1
31.52
777.81
R/W
R/W

9 + 38.39

-17.00
781.55
4%
2.00%
0.00%
0%
21.00
780.88
4:1
4:1
-16.17
781.76
-22.31
779.79
3:1
782.08
16.17
782.08
3:1
28.70
778.31
R/W
R/W

8 + 86.77

-17.00
781.01
4%
2.00%
2.00%
4%
21.00
780.01
4:1
4:1
-16.17
781.22
-24.61
778.47
3:1
781.54
16.17
781.22
3:1
30.16
776.96
R/W
R/W

8 + 50

± 2.6%
± 2.9%
-15.24
780.64
781.04
MATCH EXISTING
15.95
780.57
R/W
R/W
BEGIN PROJECT
STA. 8+50

8 + 00

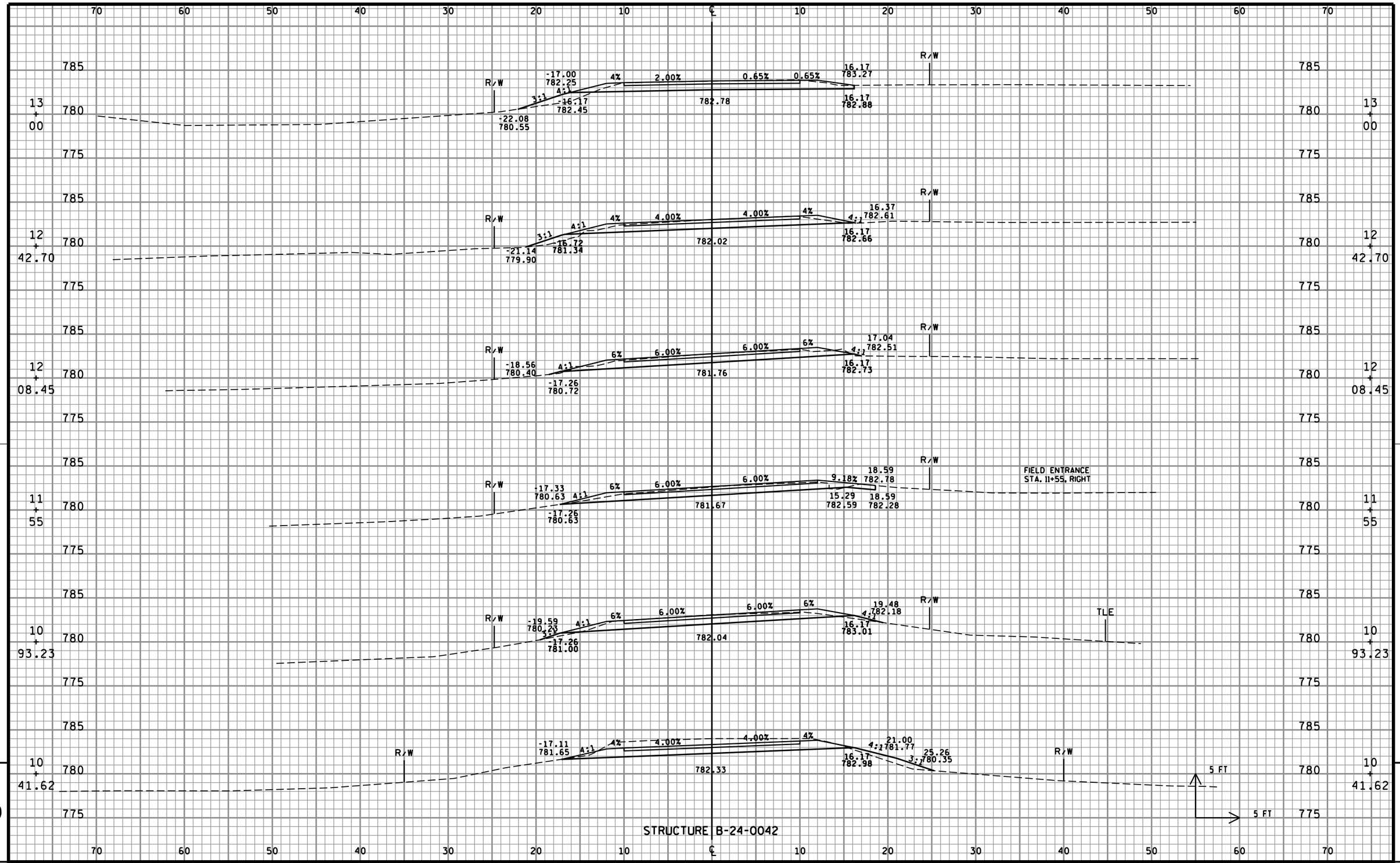
R/W
R/W
5 FT
5 FT

785
780
775

PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	CROSS SECTIONS: GILLETTE DRIVE	SHEET	E

FILE NAME : P:\11500s\11500s\11507\11507002\caddWDOT\Planshts\xsect 01.DGN
PLOT DATE : 6/1/2015
PLOT BY : rrabska
PLOT NAME :
PLOT SCALE : 1:1.99999
WISDOT/CADDS SHEET 21

xsect 01.DGN 6/1/2015 1:06:10 PM rrabska



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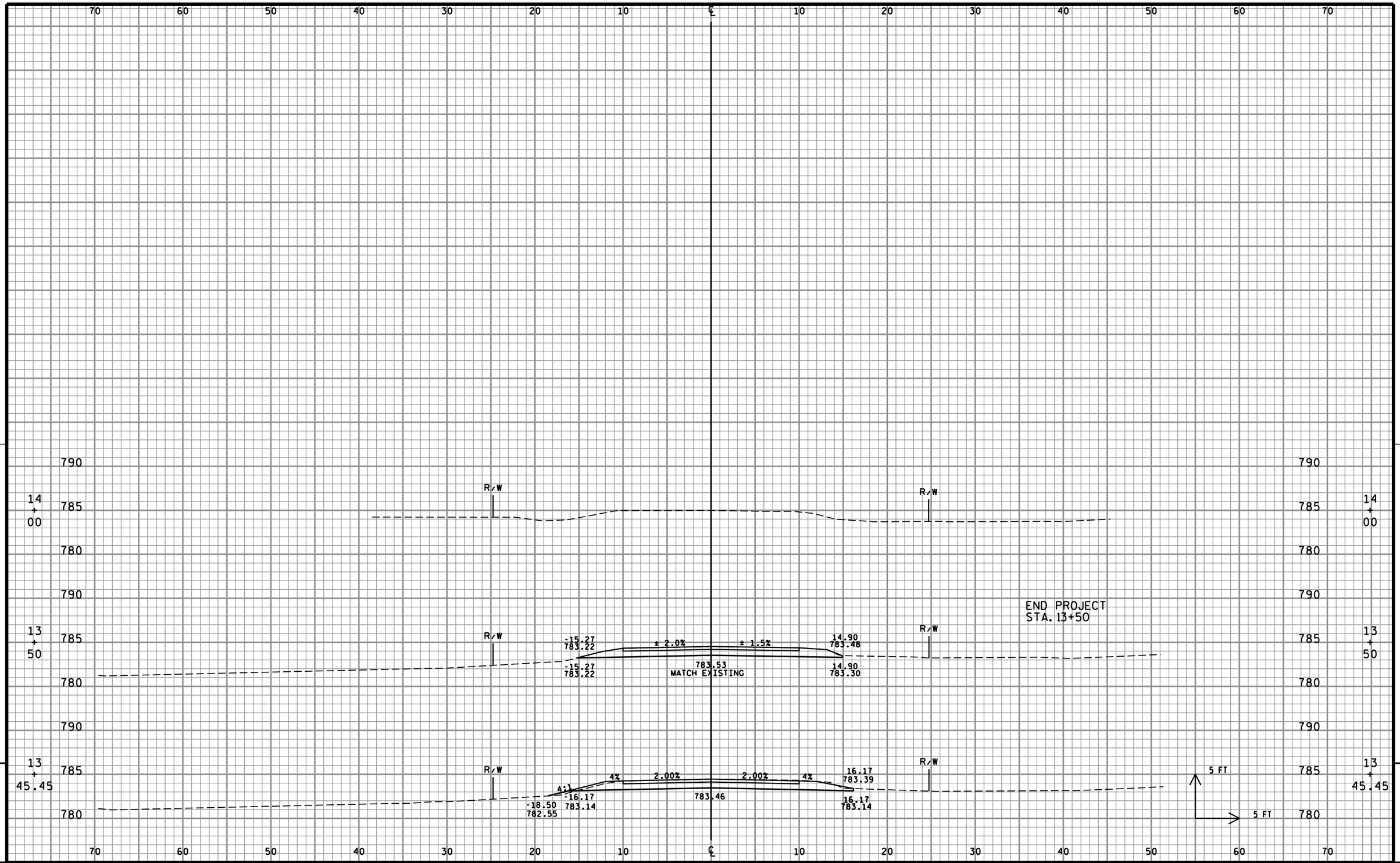
PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	CROSS SECTIONS: GILLETTE DRIVE	SHEET	E

FILE NAME : P:\11500s\11500s\11507\11507002\caddWDOT\Planshts\xsect 02.DGN PLOT DATE : 5/28/2015 PLOT BY : lrhodes PLOT NAME : PLOT SCALE : 1:1.99999

WISDOT/CADDS SHEET 21

xsect 02.DGN 5/28/2015 5:56:00 PM lrhodes



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9

PROJECT NO: 6627-01-70	HWY: GILLETTE DRIVE	COUNTY: GREEN LAKE	CROSS SECTIONS: GILLETTE DRIVE	SHEET	E

FILE NAME : P:\11500s\11500s\11507\11507002\caddWDOT\Planshts\xsect 03.DGN PLOT DATE : 11/13/2014 PLOT BY : bhalley PLOT NAME : PLOT SCALE : 1:1.99999

WISDOT/CADDS SHEET 21

xsect 03.DGN 11/13/2014 1:27:39 PM bhalley

Wisconsin Department of Transportation

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