LAX

JAN 2018

PROJECT ID: 1661-05-76

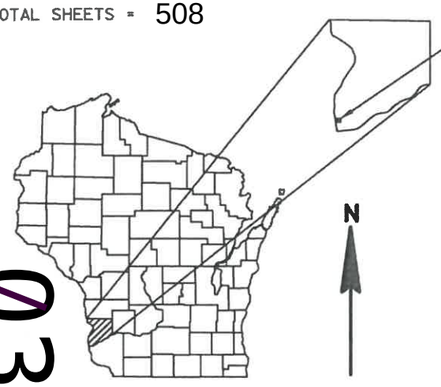
WITH: 1661-05-86

COUNTY: CRAWFORD

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 = 508



03

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MARQUETTE RD, PRAIRIE DU CHIEN

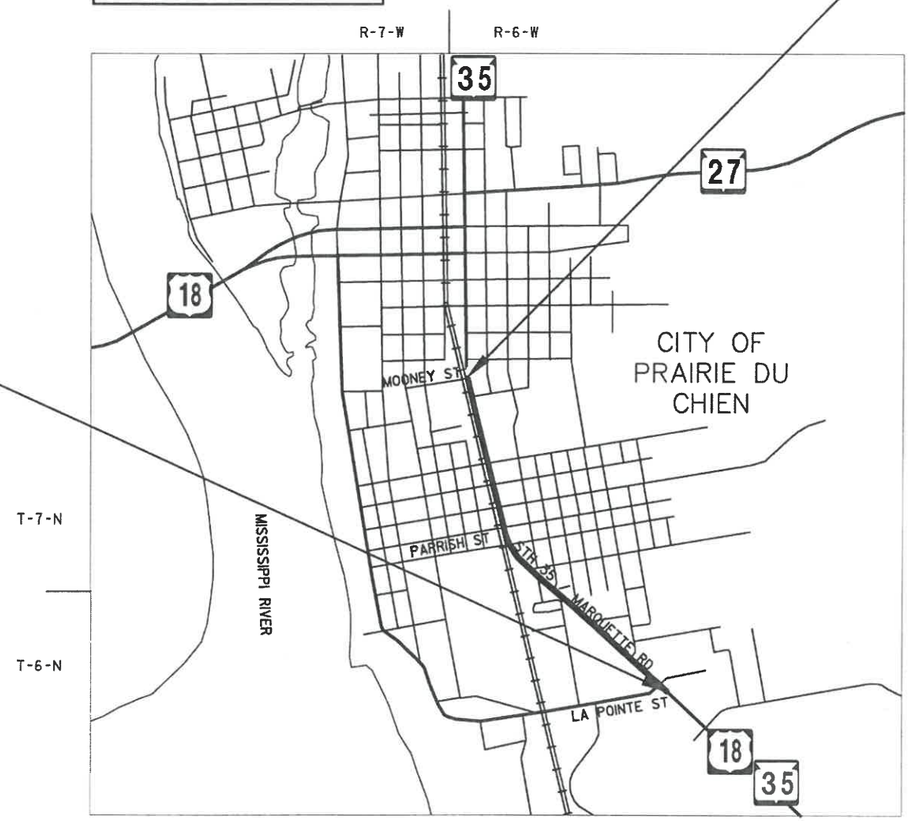
LA POINTE ST TO MOONEY ST

STH 35
CRAWFORD COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1661-05-76	WISC 2018035	1

STATE PROJECT NUMBER
1661-05-76

END PROJECT
STA. 88+50



BEGIN PROJECT
STA. 6+75
Y = 113,045.00
X = 323,191.35

DESIGN DESIGNATION

A.A.D.T.	(2017)	= 12,300
A.A.D.T.	(2037)	= 15,400
D.H.V.		= 1,879
D.D.		= 58/42
T.		= 5.5%
DESIGN SPEED		= 30 MPH AND 35 MPH
ESALS		= 2,900,000

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
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	

LAYOUT
SCALE 0 1/2 MILE

TOTAL NET LENGTH OF CENTERLINE = 1.548 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (2014), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 WITH 1991 ADJUSTMENT (NAD88(91)).

ORIGINAL PLANS PREPARED BY

KNIGHT Engineers & Architects
831 Critter Court
Suite 400
Onalaska, WI 54650
Phone: (608) 519-1455

WISCONSIN
RYAN B. McKANE
E-37669
HOLMEN, WI
PROFESSIONAL ENGINEER

7/25/17 (Date) (Signature)

COMMUNITY SENSITIVE DESIGN AND CATEGORY 0040 PLANS PREPARED BY

WISCONSIN
MATT K. MUCHOW
E-42383
REEDSBURG WI
PROFESSIONAL ENGINEER

7-25-17 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	KNIGHT E/A, INC.
Project Manager	CRAIG FISHER
Regional Examiner	
Regional Supervisor	IAN WINGER

APPROVED FOR THE DEPARTMENT

DATE: 07-27-2017 (Signature)

E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 7/24/2017 4:26 PM

PLOT BY : ANDERSEN, KEVIN

PLOT NAME :

WISDOT/CADDS SHEET 10

STANDARD ABBREVIATIONS

AC	ACRE
AGG	AGGREGATE
AH	AHEAD
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ASPH	ASPHALTIC
AVG	AVERAGE
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
BR	BRIDGE
CL or C/L	CENTER LINE
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CO	COUNTY
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CABC	CRUSHED AGGREGATE BASE COURSE
CY or CUYD	CUBIC YARD
CULV	CULVERT
CP	CULVERT PIPE
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DIA	DIAMETER
DISCH	DISCHARGE
E	EAST
EB	EASTBOUND
EL or ELEV	ELEVATION
EW	ENDWALL
ENT	ENTRANCE
EXC	EXCAVATION
EX	EXISTING
FERT	FERTILIZER
FE	FIELD ENTRANCE
FL or F/L	FLOW LINE
FT	FOOT
HE	HIGHWAY EASEMENT
HMA	HOT MIX ASPHALT
CWT	HUNDREDWEIGHT
INL	INLET
INV	INVERT
JCT	JUNCTION
LT	LEFT
L	LENGTH OF CURVE
LIN FT or LF	LINEAR FOOT
LS	LUMP SUM
NC	NORMAL CROWN
N	NORTH
NB	NORTHBOUND
NO	NUMBER
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PE	PRIVATE ENTRANCE
R	RADIUS
RL or R/L	REFERENCE LINE
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
SHLDR	SHOULDER
SB	SOUTHBOUND
SF or SQ FT	SQUARE FEET
SY or SQ YD	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
SE	SUPERELEVATION
T	TANGENT
TEMP	TEMPORARY
TWLTL	TWO-WAY LEFT-TURN LANE
UG	UNDERGROUND
USH	UNITED STATES HIGHWAY
V	VELOCITY OR DESIGN SPEED
VC	VERTICAL CURVE
WB	WESTBOUND
YD	YARD

GENERAL NOTES

- ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.
- ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION. ANY CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPICAL SECTIONS SHOW THE GENERAL FEATURES THROUGHOUT THE PROJECT. PAVEMENT SLOPES, TERRACE SLOPES, ETC., MAY VARY WITHIN THE LIMITS OF THE SECTION.
- NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND MULCHED OR E-MAT AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES. IN SITUATIONS WHEN SIGNIFICANT WORK OPERATIONS ARE IMMEDIATELY IN FRONT OF DRIVEWAY, OWNER SHOULD BE CONTACTED PRIOR TO REMOVAL SO ARRANGEMENTS CAN BE MADE.
- WHEN PORTIONS OF EXISTING ASPHALTIC SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THROUGH THE ASPHALTIC SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS. THE LOCATION OF SAW JOINTS AND THE AMOUNT REMOVED AT SIDE ROADS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- PAVING LIMITS ARE TO BE DETERMINED BY THE ENGINEER.
- CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS.
- EXACT LOCATIONS OF ENTRANCES SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD.
- 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.
- INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- WHEN THE QUANTITY OF BASE AGGREGATE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.
- CONCRETE SIDEWALK 4-INCH ALONG MARQUETTE ROAD WILL BE PAID FOR AS SPV "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH". SEE COMMUNITY SENSITIVE DESIGN PLANS FOR DETAIL.
- CONCRETE SIDEWALK 6-INCH ALONG MARQUETTE ROAD WILL BE PAID FOR AS SPV "CONCRETE SIDEWALK, PICTURE FRAME, 6-INCH". SEE COMMUNITY SENSITIVE DESIGN PLANS FOR DETAIL.
- REVERSE CURB LOCATIONS DEPICTED ON PLAN DETAILS.
- WHEN ASPHALTIC SURFACE IS SPECIFIED AS 3", PERFORM WORK IN ONE 3" LIFT.
  WHEN ASPHALTIC SURFACE IS SPECIFIED AS 4", PERFORM WORK IN ONE 1 3/4" UPPER LIFT AND ONE 2 1/4" LOWER LIFT
  WHEN ASPHALTIC SURFACE IS SPECIFIED AS 5", PERFORM WORK IN ONE 2 1/4" UPPER LIFT AND ONE 2 3/4" LOWER LIFT
  APPLY TACK COAT BETWEEN LIFTS OF ASPHALTIC SURFACE (APPLICATION RATE = 0.055 GAL/SY)

2

UTILITY CONTACTS

MIKE OLSEN
ATC MANAGEMENT, INC. - ELECTRICITY
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54115-6113
(920) 338-6582
MOLSEN@ATCLLC.COM

MICHAEL BROLIN
ALLIANT ENERGY - ELECTRICITY
4902 N BILTMORE LANE
SUITE 1000
MADISON, WI 53713
(608) 458-4871
MICHAELBROLIN@ALLIANTENERGY.COM

LARRY GATES
CITY OF PRAIRIE DU CHIEN - WATER
724 E BLACKHAWK AVE
PRAIRIE DU CHIEN, WI 53821
(608) 326-8213
WATER@PRAIRIEDUCHIEN-WI.GOV

KEVIN ZICKERT
CENTURYLINK - COMMUNICATION LINE
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
(262) 392-5200
KEVIN.ZICKERT@CENTURYLINK.COM

GLEN GOODRICH
CITY OF PRAIRIE DU CHIEN - SEWER
400 W LOCKWOOD
PRAIRIE DU CHIEN, WI 53821
(608) 326-8534
WWTF@PRAIRIEDUCHIEN-WI.GOV

CHRIS EGGERT
MEDIACOM WISCONSIN LLC - COMMUNICATION LINE
207 W PEARLE ST
P.O. BOX 226
DECORAH, IA 52101-0226
(563) 419-5160
CEGGERT@MEDIACOMCC.COM

JANE ROSSING
MADISON GAS AND ELECTRIC COMPANY - GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-7099
GROSSING@MGE.COM

DAN TITLBACH
CITY OF PRAIRIE DU CHIEN - STREETS
625 E WASHINGTON ST
PRAIRIE DU CHIEN, WI 53821
(608) 326-2525

OTHER CONTACTS

RICHARD YEOMANS
PRAIRIE DU CHIEN AIRPORT - AIRPORT FACILITY
37735 HWY 18
PRAIRIE DU CHIEN, WI 53821
(608) 326-2118
RYEOMANS@CENTURYTEL.NET

BNSF UTILITY HOTLINE
1-800-533-2891 (RR SIGNAL LINES ONLY)

ORDER OF TYPICAL SECTION & DETAIL SHEETS

1. GENERAL NOTES
2. PROJECT OVERVIEW
3. TYPICAL SECTIONS
4. CONSTRUCTION DETAILS
5. REMOVAL PLAN
6. CURB RAMP DETAILS
7. ISLAND DETAILS
8. INTERSECTION DETAILS
9. PLAN DETAILS
10. PAVING DETAILS
11. EROSION CONTROL
12. STORM SEWER PLAN AND PROFILE
13. CSD PLANS (BY VIERBICHER)
14. PERMANENT SIGNING
15. LIGHTING PLAN (BY MUERMANN)
16. TRAFFIC SIGNAL PLAN
17. PAVEMENT MARKING
18. TRAFFIC CONTROL & STAGING
19. DETOUR PLAN
20. ALIGNMENT DETAIL
21. ALIGNMENT CONTROL POINTS

AREA CONTACTS

WISDOT PROJECT MANAGER
CRAIG FISHER
3550 MORMON COULEE RD
LA CROSSE, WI 54601
PHONE: (608) 785-9946
CRAIG.FISHER@DOT.WI.GOV

DESIGN CONTACT
KNIGHT E/A
KEVIN ANDERSEN
831 CRITTER CT, SUITE 400
ONALASKA, WI 54650
PHONE: (608) 713-9275
KANDERSEN@KNIGHTEA.COM

WISDNR: CRAWFORD COUNTY
KAREN KALVELAGE
DNR SERVICE CENTER
3550 MORMON COULEE RD
LA CROSSE, WI 54601
PHONE: (608) 785-9115
KAREN.KALVELAGE@WISCONSIN.GOV

CSD PLAN AND CAT 0040 CONTACT
VIERBICHER
MATT MUCHOW, PE
400 VIKING DRIVE
REEDSBURG, WI 53959
(608) 768-4809
MMUC@VIERBICHER.COM

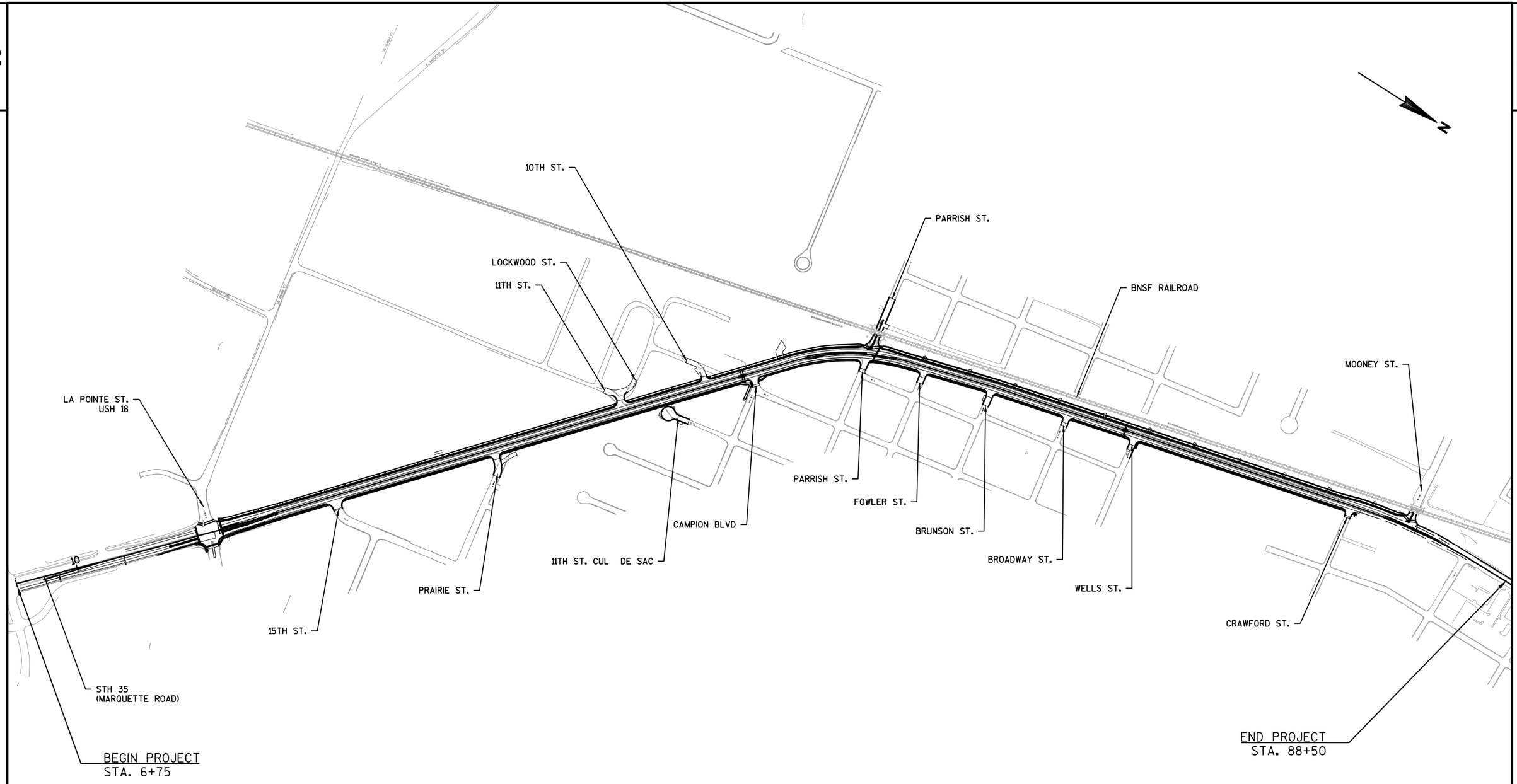
LIGHTING PLAN CONTACT
MUERMANN
RUSSELL JENSEN, PE
116 FREMONT ST
P.O. BOX 235
KIEL, WI 53042
(920) 894-7800
RUSS@ME-PE.COM

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

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	GEN NOTES, STAND ABBR, & CONTACTS	SHEET 3	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

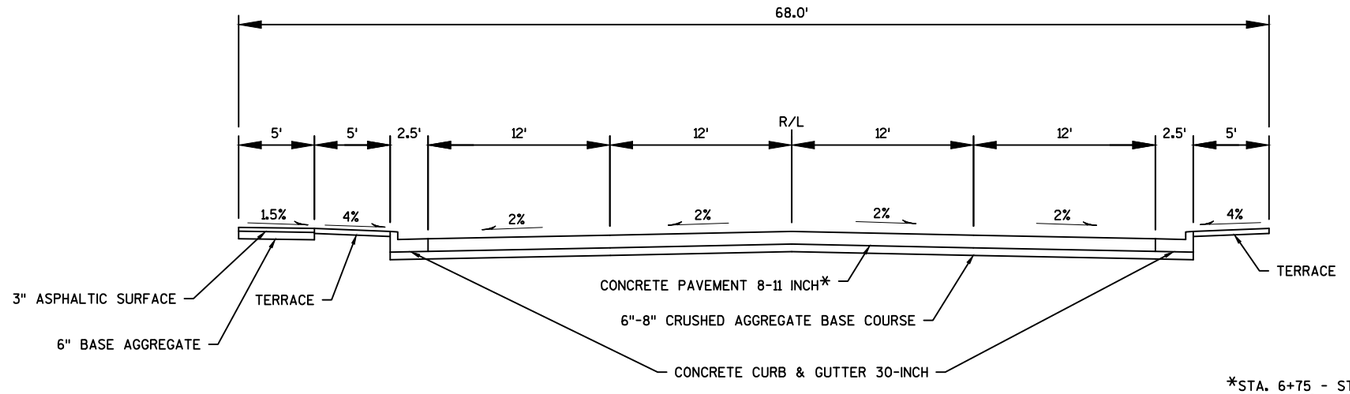
2



SCALE, FEET 0 250 500

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PROJECT OVERVIEW	SHEET 4	E

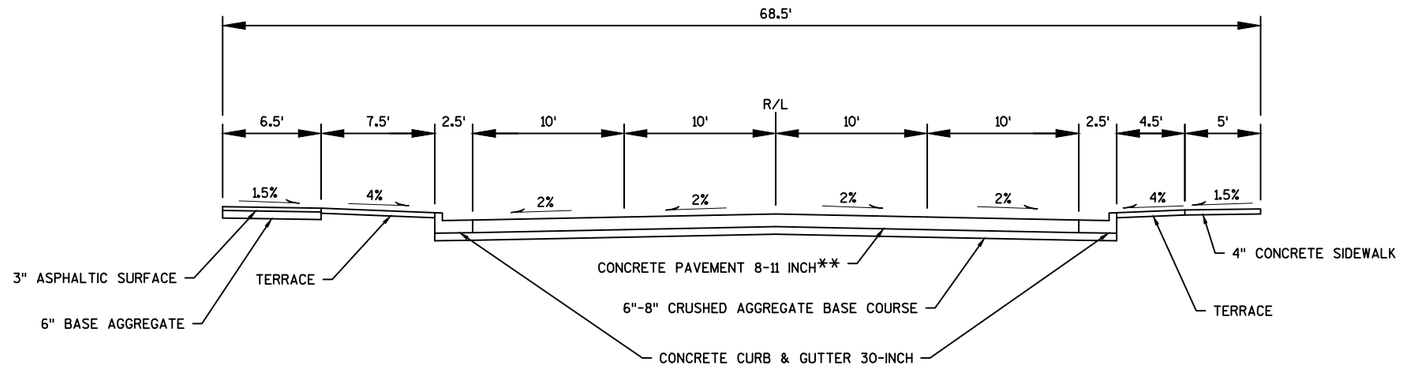
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\020201_PO.DWG
LAYOUT NAME - SHEET - (2)
PLOT DATE : 7/24/2017 3:55 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42



*STA. 6+75 - STA. 21+90 CONCRETE PAVEMENT IS DOWELED
STA. 21+90 - STA. 53+00 CONCRETE PAVEMENT IS NON-DOWELED

TYPICAL EXISTING SECTION

STA 6+75 TO STA 53+00
STH 35
(LA POINTE ST TO PARRISH ST)



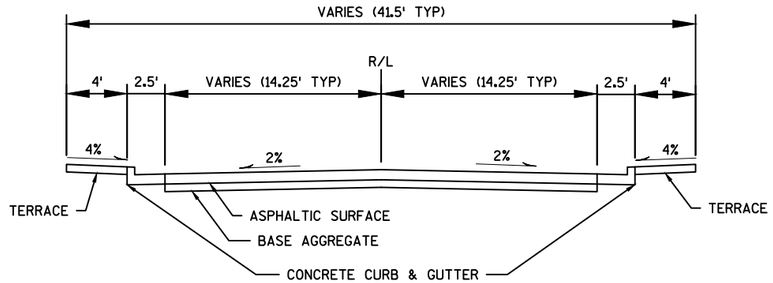
TYPICAL EXISTING SECTION

STA 53+00 TO STA 86+00
STH 35
(PARRISH ST TO MOONEY ST)

**STA. 53+00 - STA. 79+84 CONCRETE PAVEMENT IS MESH/WIRE REINFORCED
STA. 79+84 - STA. 86+00 CONCRETE PAVEMENT IS DOWELED

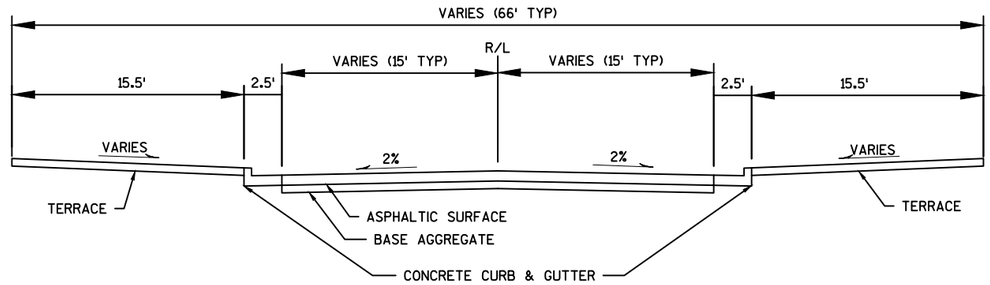
PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 5	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - ****
PLOT DATE : 7/27/2017 9:00 AM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



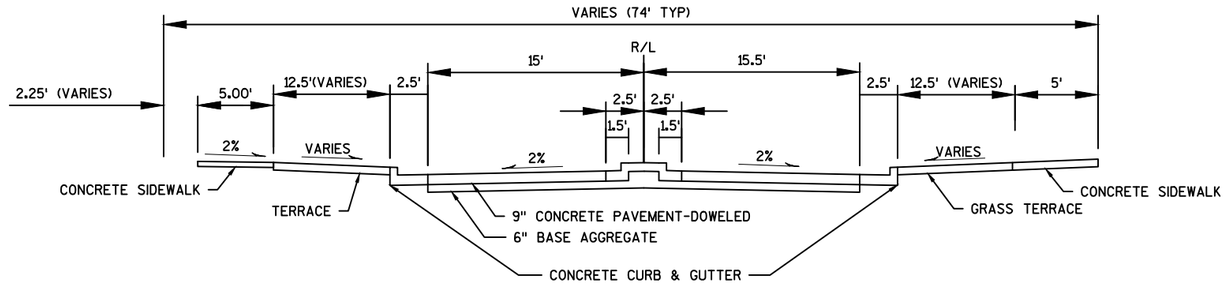
TYPICAL EXISTING SECTION - SIDE ROADS

15TH ST	FOWLER ST
PRAIRIE ST	BRUNSON ST
11TH ST	BROADWAY ST
LOCKWOOD ST	WELLS ST
10TH ST	CRAWFORD ST
CAMPION BLVD	



TYPICAL EXISTING SECTION

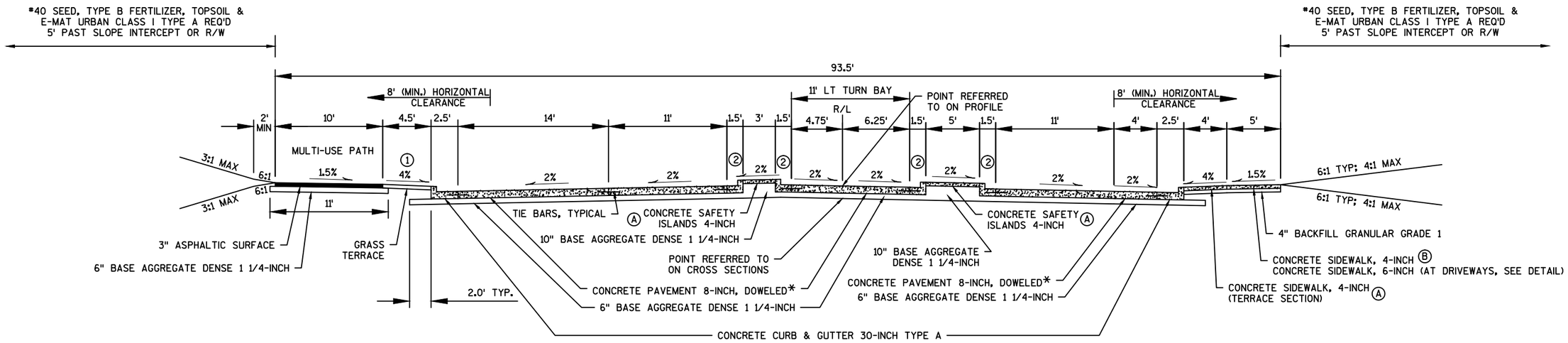
PARRISH ST-NEAR RR TRACKS



TYPICAL EXISTING SECTION

MOONEY ST
NEAR RR TRACKS

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 6	E



TYPICAL FINISHED SECTION

STA 17+69 TO STA 18+75
STH 35

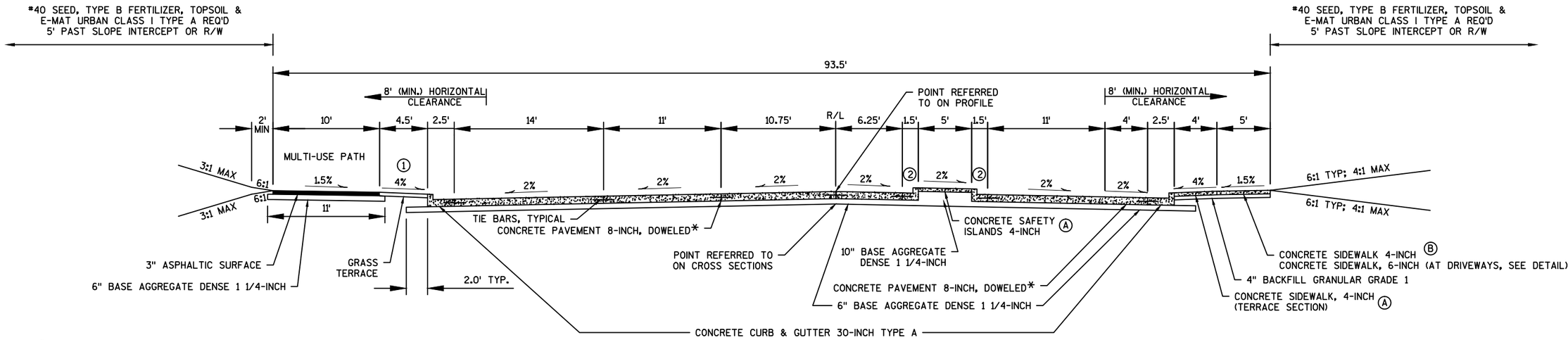
(A) COLORED/TEXTURED, SEE CSD PLANS

(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

(2) CONCRETE CURB & GUTTER 18-INCH, TYPE A

* REDUCE TRANSVERSE JOINT SPACING TO 12'



TYPICAL FINISHED SECTION

STA 18+75 TO STA 19+25
STH 35

(A) COLORED/TEXTURED, SEE CSD PLANS

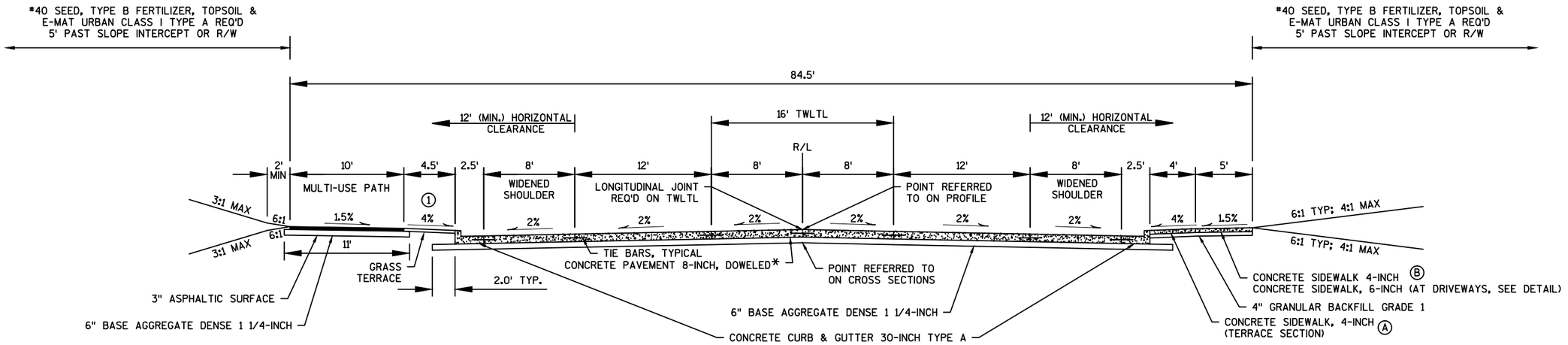
(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

(2) CONCRETE CURB & GUTTER 18-INCH, TYPE A

* REDUCE TRANSVERSE JOINT SPACING TO 12'

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 7	E



TYPICAL FINISHED SECTION

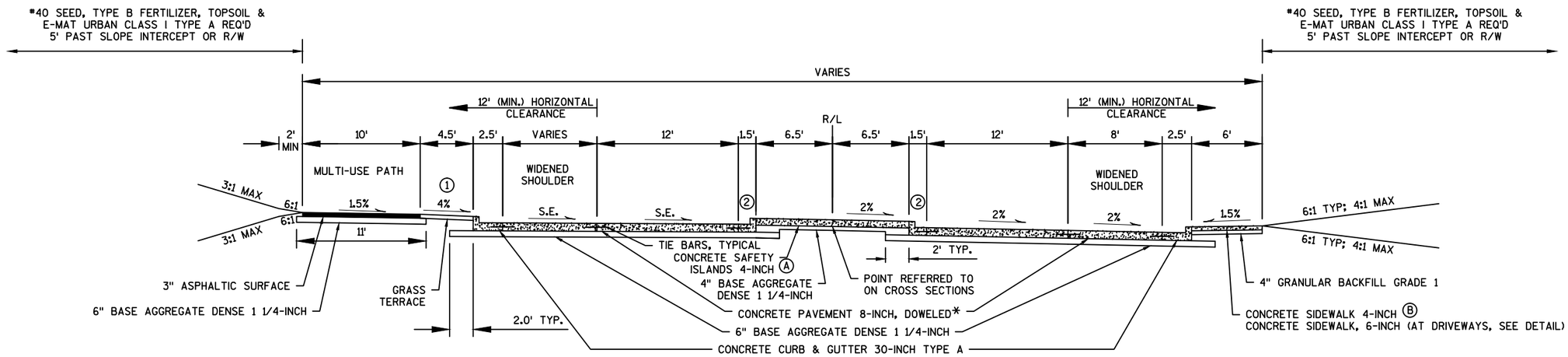
STA 19+25 TO STA 49+00
STH 35

(A) COLORED/TEXTURED, SEE CSD PLANS

(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

* REDUCE TRANSVERSE JOINT SPACING TO 12'



TYPICAL FINISHED SECTION

STA 49+00 TO STA 52+87
STA 53+18 TO STA 53+84
STH 35

(A) COLORED/TEXTURED, SEE CSD PLANS

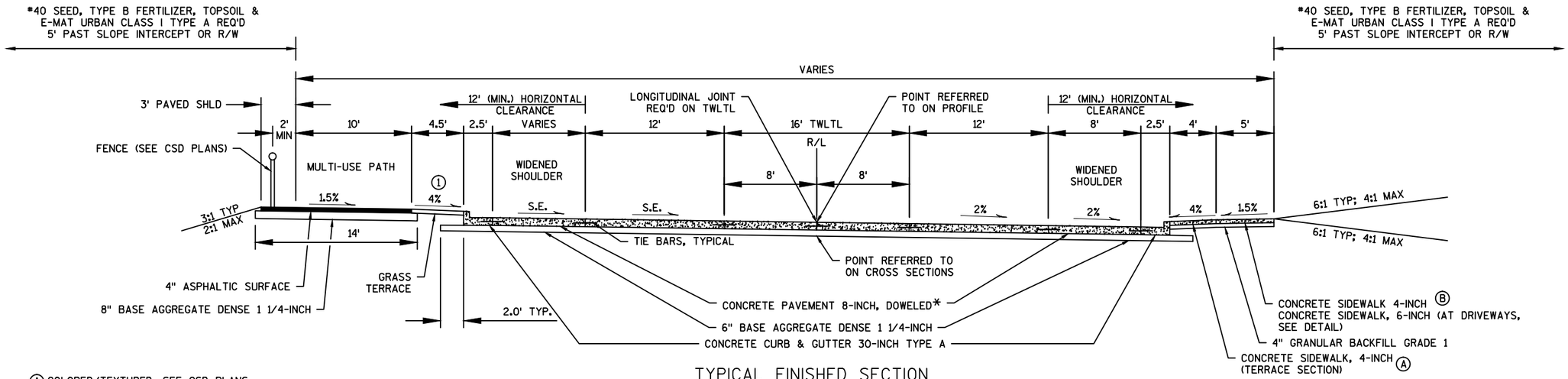
(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

(2) CONCRETE CURB & GUTTER 18-INCH, TYPE A

* REDUCE TRANSVERSE JOINT SPACING TO 12'

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 8	E



TYPICAL FINISHED SECTION

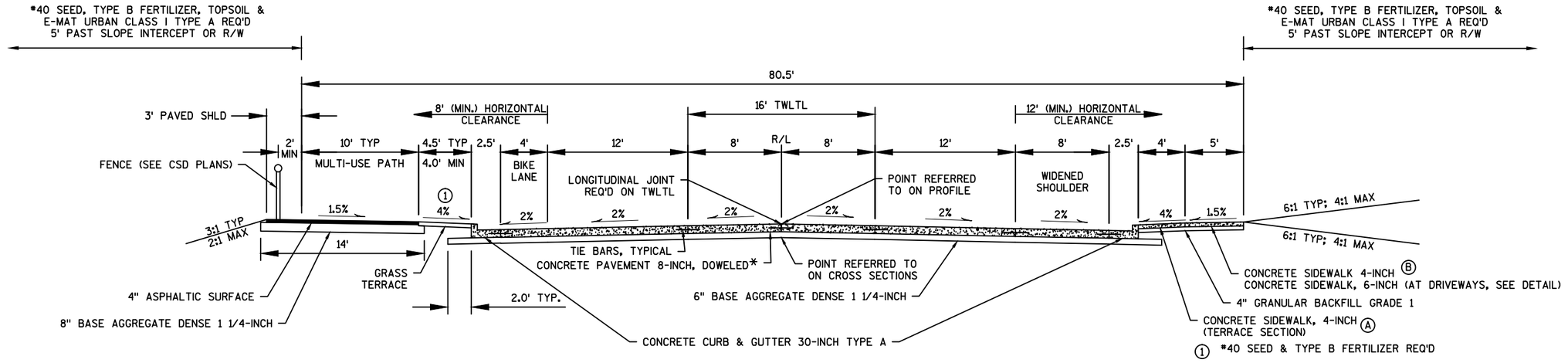
STA 52+87 TO STA 53+18
STA 53+84 TO STA 55+27
STH 35

(A) COLORED/TEXTURED, SEE CSD PLANS

(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

* REDUCE TRANSVERSE JOINT SPACING TO 12'



TYPICAL FINISHED SECTION

STA 55+27 TO STA 86+00
STH 35

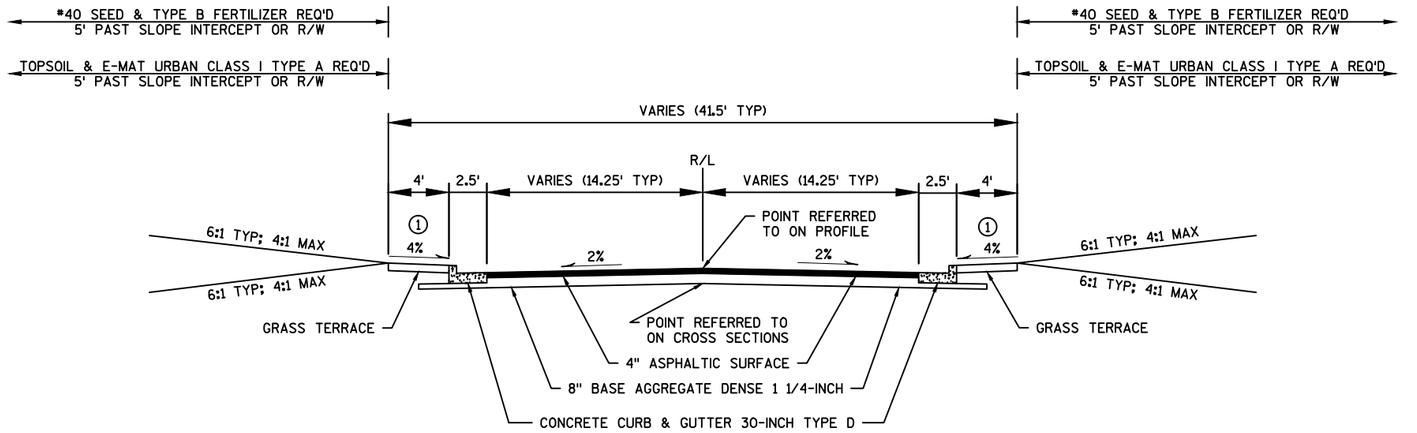
(A) COLORED/TEXTURED, SEE CSD PLANS

(B) PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

(1) *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

* REDUCE TRANSVERSE JOINT SPACING TO 12'

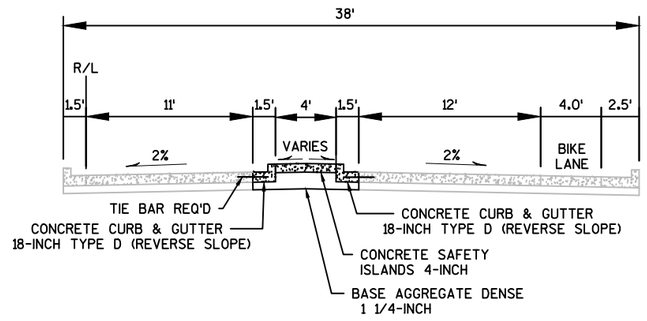
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 9	E



TYPICAL FINISHED SECTION - SIDE ROADS

11TH ST
LOCKWOOD ST
10TH ST
CAMPION BLVD
FOWLER ST
BRUNSON ST
BROADWAY ST
WELLS ST
CRAWFORD ST
PRAIRIE ST

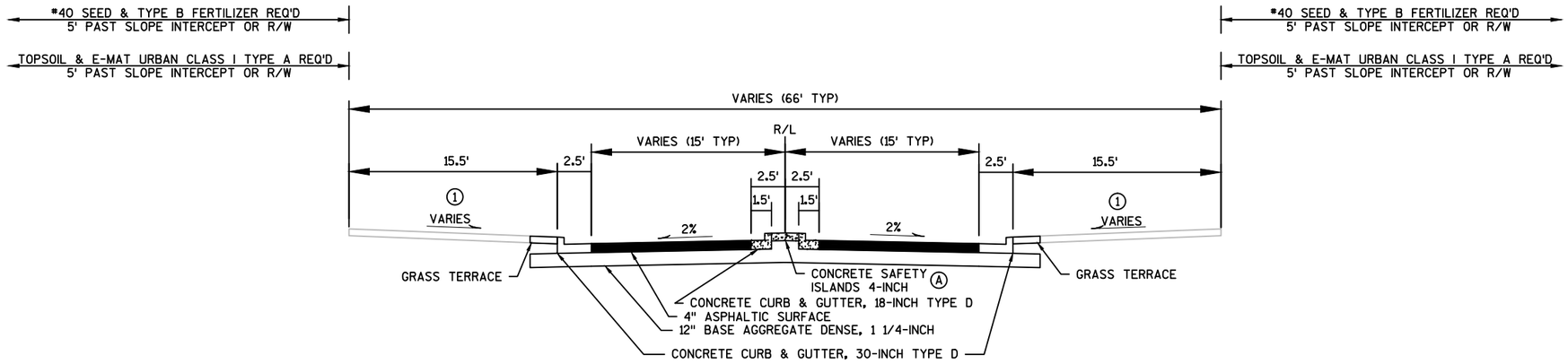
① *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D



TYPICAL FINISHED SECTION

CONCRETE SAFETY ISLAND
STA 14+90 TO STA 16+60
STH 35

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 10	E



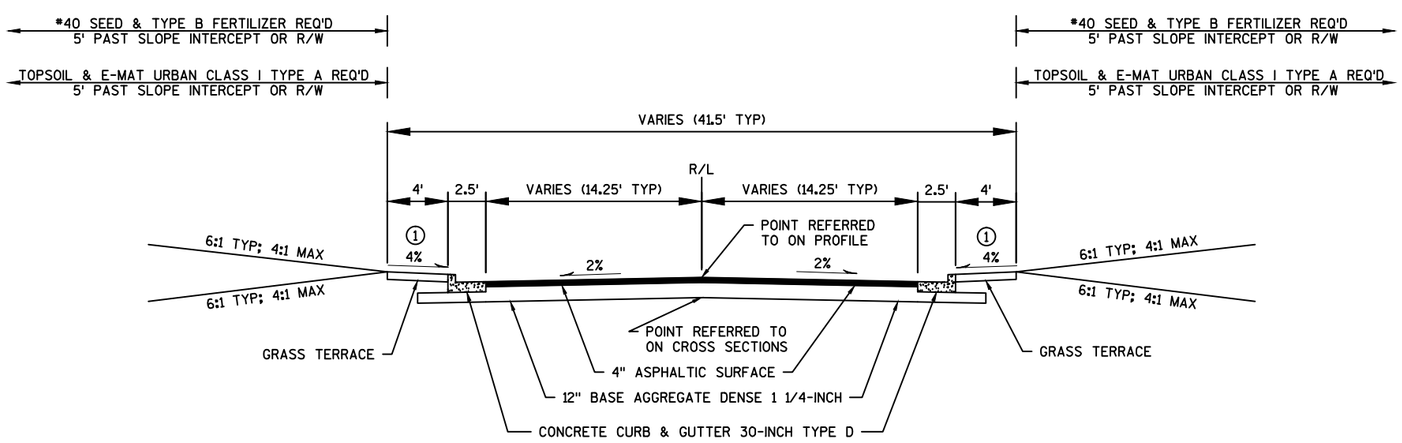
TYPICAL FINISHED SECTION

PARRISH ST-WEST
NEAR RR TRACKS

Ⓐ COLORED/TEXTURED, SEE CSD PLANS

Ⓑ PAID FOR AS "CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH" (6-INCH AT DRIVEWAYS).

① *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

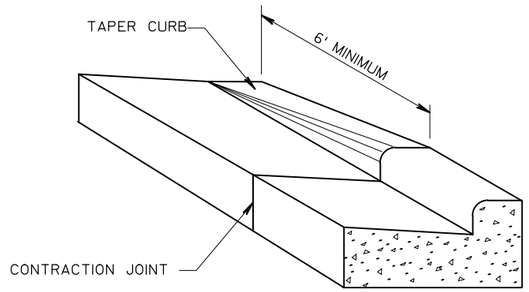


TYPICAL FINISHED SECTION - SIDE ROADS

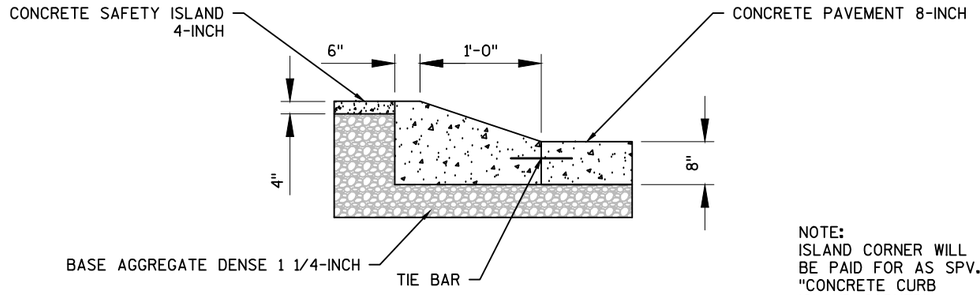
15TH ST
PARRISH ST

① *40 SEED & TYPE B FERTILIZER REQ'D
4" TOPSOIL & E-MAT URBAN CLASS I TYPE A REQ'D

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TYPICAL SECTIONS	SHEET 11	E

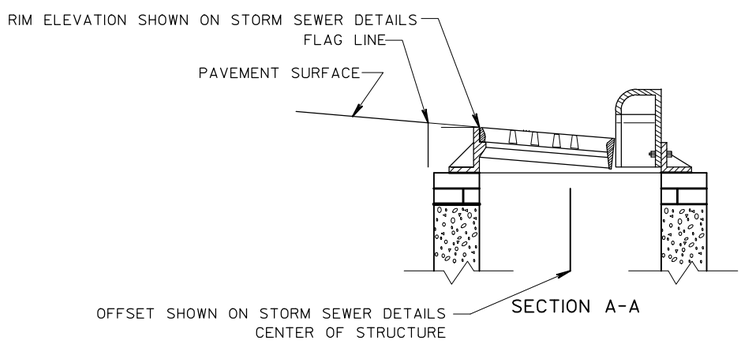


DETAIL OF CURB & GUTTER TERMINI

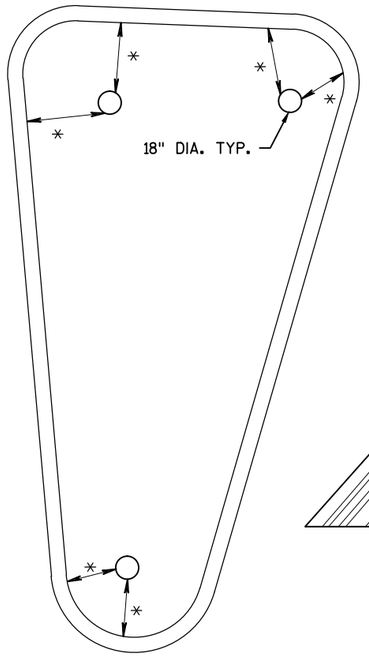


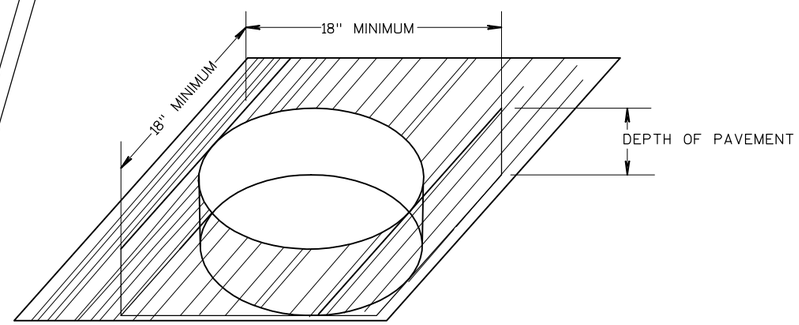
NOTE:
ISLAND CORNER WILL BE PAID FOR AS SPV. "CONCRETE CURB ISLAND CORNER"

ISLAND CORNER DETAIL
PROFILE VIEW



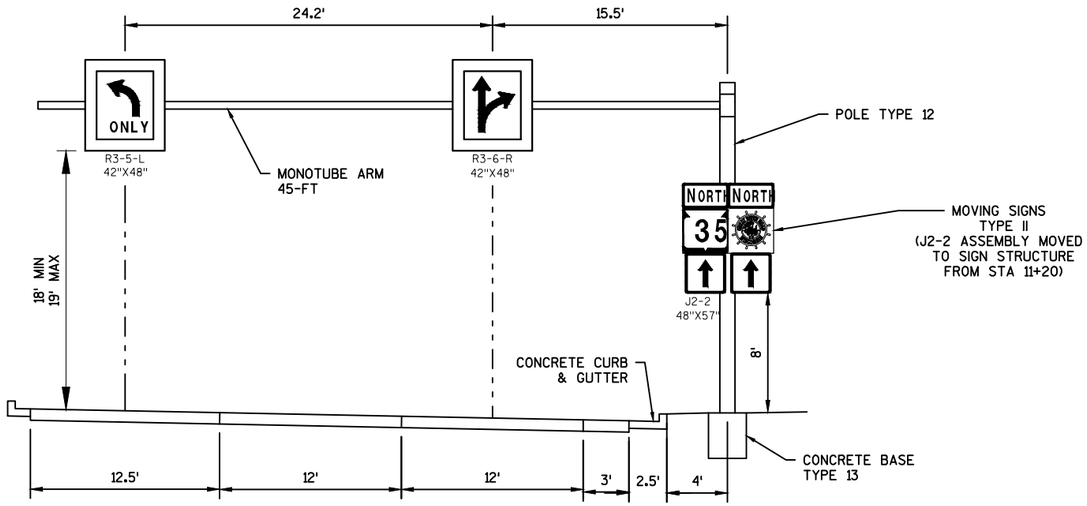
DETAIL OF CURB AND GUTTER AT INLETS





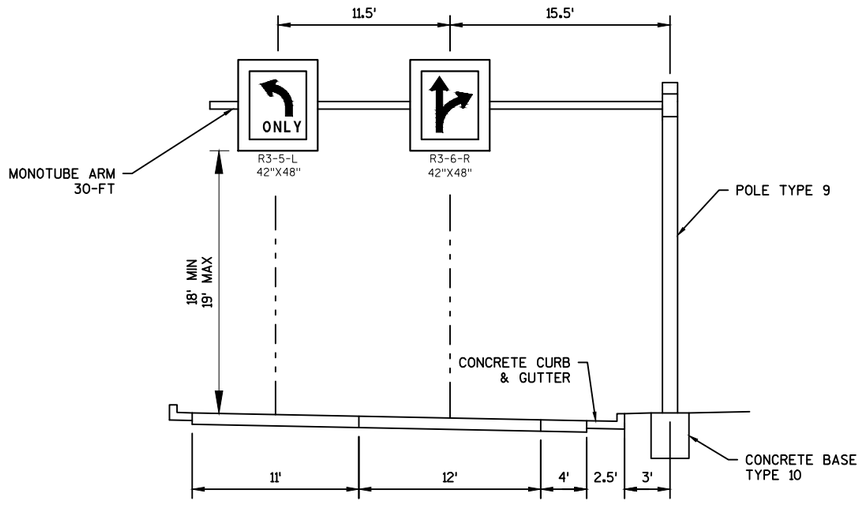
DETAIL OF OPENINGS IN ISLAND FOR SIGN PLACEMENT

* NOTE: ALL CIRCLE OPENINGS IN ISLAND FOR SIGN PLACEMENTS SHALL BE DETERMINED BY SIGN SIZE AND NUMBER. A 2" MINIMUM FROM BACK OF CURB IS REQUIRED.



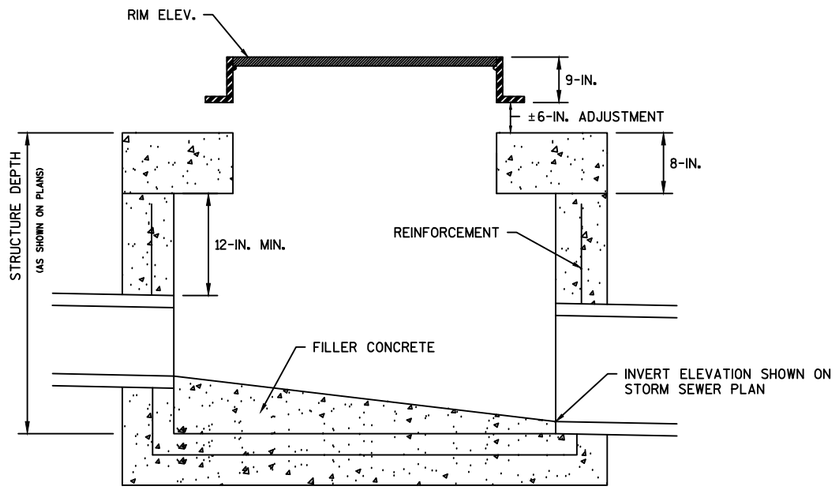
MONOTUBE SIGN STRUCTURE S-12-0011

STA 12+50 RT
NOT DRAWN TO SCALE



MONOTUBE SIGN STRUCTURE S-12-0014

STA 9+00 RT
NOT DRAWN TO SCALE

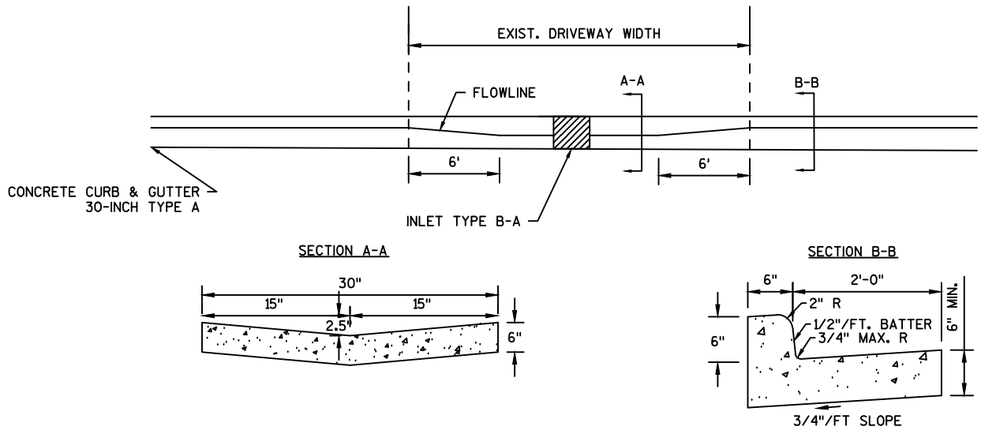


MANHOLES AND INLETS
(REINFORCED & PRECAST REINFORCED CONCRETE)

USED IN DEPTH COMPUTATIONS

PIPE	WALL THICKNESS
12"	2" = 0.17'
15"	2¼" = 0.19'
18"	2½" = 0.21'
21"	2¾" = 0.23'
24"	3" = 0.25'
27"	3¼" = 0.27'
30"	3½" = 0.29'
36"	4" = 0.33'

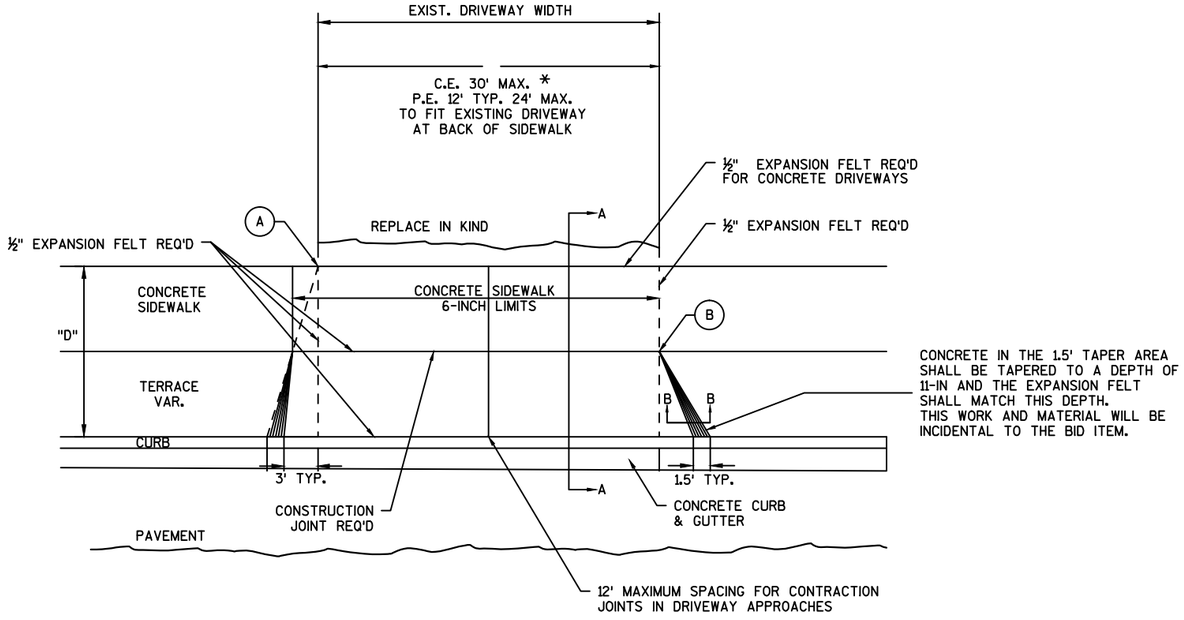
DETAIL FOR COMPUTING MANHOLE AND INLET ELEVATIONS



CURB & GUTTER TRANSITION FOR INLET IN DRIVEWAY

STA 26+50 - STA 26+80

2



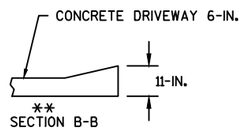
CONCRETE IN THE 1.5' TAPER AREA SHALL BE TAPERED TO A DEPTH OF 11-IN AND THE EXPANSION FELT SHALL MATCH THIS DEPTH. THIS WORK AND MATERIAL WILL BE INCIDENTAL TO THE BID ITEM.

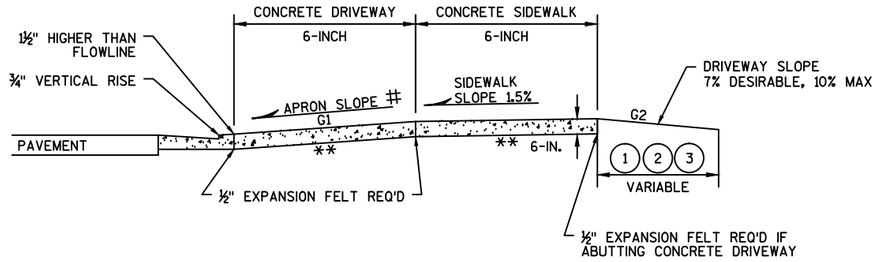
PLAN VIEW

(A) WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK

(B) WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK

* UNLESS WIDTH SHOWN OTHERWISE IN PLAN





TYPICAL SIDEWALK SECTION

SECTION A-A

(1) CONCRETE DRIVEWAY 6-INCH

(2) 6" BASE AGG. DENSE 1¼-INCH

(3) 3" ASPHALTIC SURFACE OVER 6" BASE AGG. DENSE 1¼ -INCH BASE

** 6" BASE AGG. DENSE 1¼-INCH REQ'D UNDER CONCRETE DRIVEWAY

\# -------APRON SLOPE (G1)-------

TERRACE WIDTH	MIN %	DESIRABLE %	MAX %
3-FT	7.0	8.5	9.0
4-FT	5.0	7.0	9.0
5-FT	4.0	7.0	9.0
6-FT	4.0	7.0	9.0
7-FT	3.5	7.0	9.0
8-FT	3.0	7.0	9.0

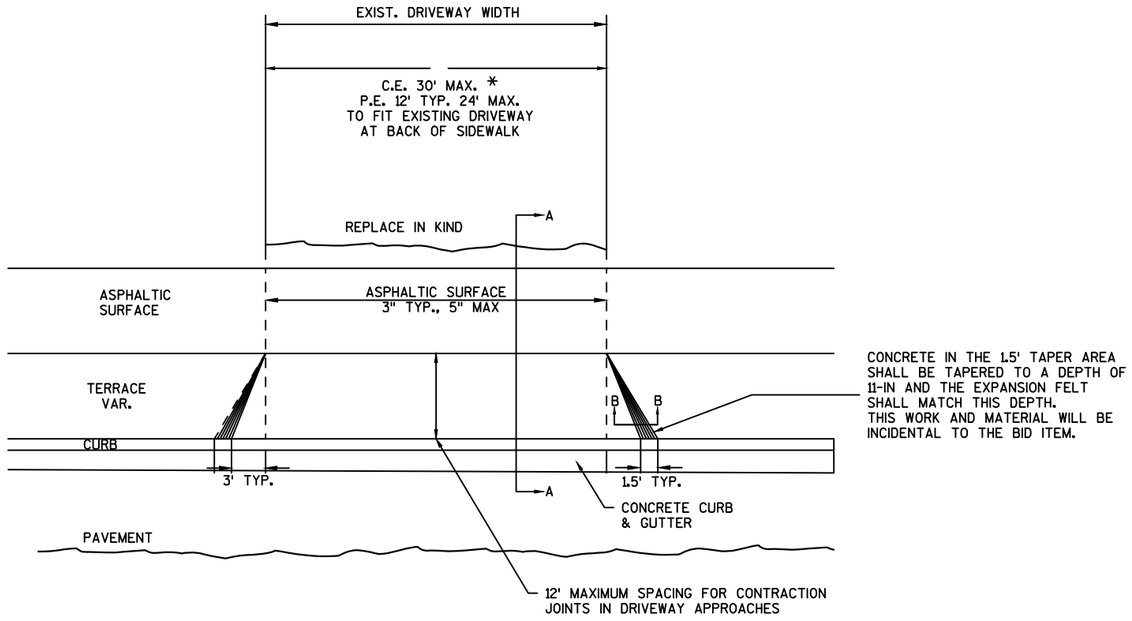
NOTE:

ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

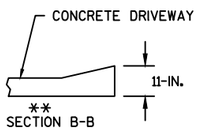
DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER

WITH CONCRETE SIDEWALK

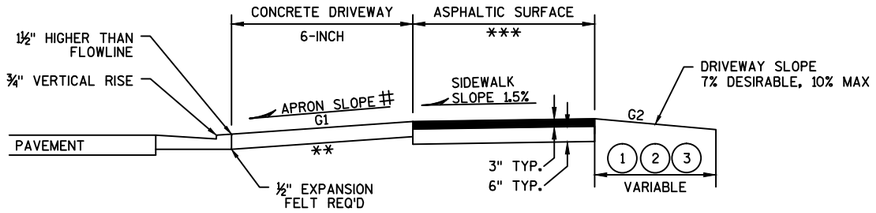


CONCRETE IN THE 1.5' TAPER AREA SHALL BE TAPERED TO A DEPTH OF 11-IN AND THE EXPANSION FELT SHALL MATCH THIS DEPTH. THIS WORK AND MATERIAL WILL BE INCIDENTAL TO THE BID ITEM.

PLAN VIEW



* UNLESS WIDTH SHOWN OTHERWISE IN PLAN



TYPICAL SIDEWALK SECTION

SECTION A-A

1. CONCRETE DRIVEWAY 6-INCH
2. 6" BASE AGG. DENSE 1¼-INCH
3. 3" ASPHALTIC SURFACE OVER 6" BASE AGG. DENSE 1¼ -INCH BASE

\#

TERRACE WIDTH	-------APRON SLOPE (G1)------- MIN %	DESIRABLE %	MAX %
3-FT	7.0	8.5	9.0
4-FT	5.0	7.0	9.0
5-FT	4.0	7.0	9.0
6-FT	4.0	7.0	9.0
7-FT	3.5	7.0	9.0
8-FT	3.0	7.0	9.0

NOTE:

ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

* UNLESS OTHERWISE SHOWN IN PLANS

** 6" BASE AGG. DENSE 1¼-INCH REQ'D UNDER CONCRETE DRIVEWAY

*** 5" ASPHALTIC SURFACE OVER 10" BAD 1-¼ INCH AT STATIONS:
- 19+71 - 19+95 LT
- 26+53 - 26+88 LT
- 32+52 - 32+82 LT
- 33+80 - 34+10 LT
- 46+57 - 46+87 LT
- 48+26 - 48+83 LT

DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER

WITH ASPHALTIC SURFACE

2

2

LEGEND

REMOVING ASPHALTIC SURFACE

REMOVING CONCRETE SIDEWALK

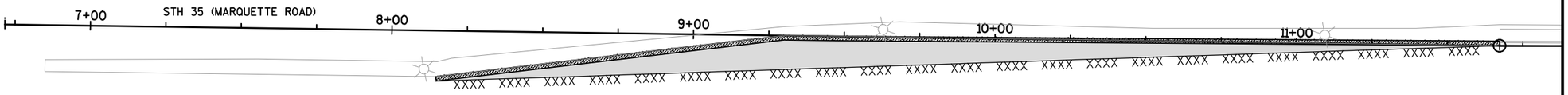
REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)

REMOVING CURB & GUTTER

REMOVING PAVEMENT

CLEARING AND GRUBBING

SAWCUT



INL

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET	E

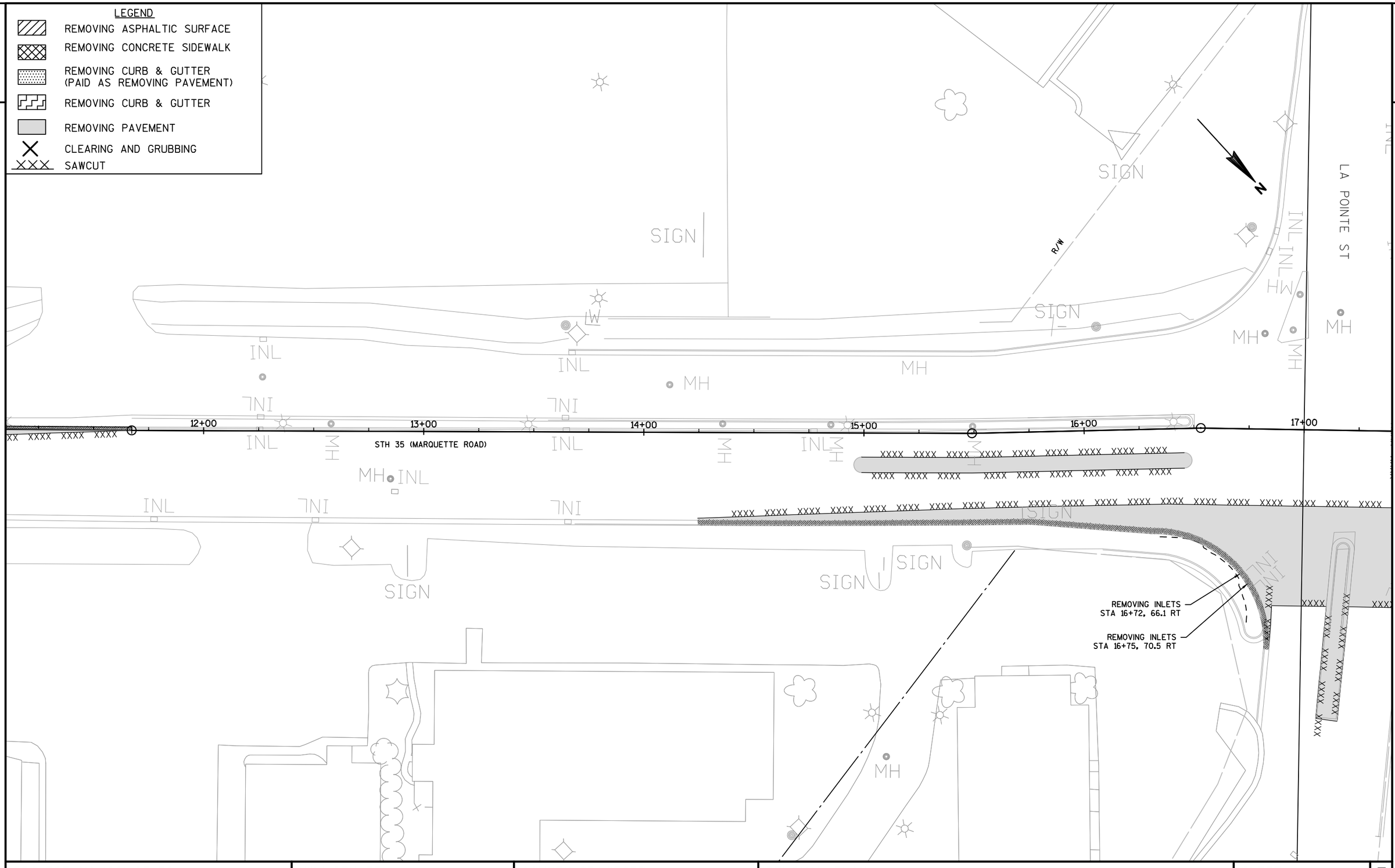
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG
LAYOUT NAME - SHEET - (1A)

PLOT DATE : 11/8/2017 1:24 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 17	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG
LAYOUT NAME - SHEET - (1A)

PLOT DATE : 11/8/2017 1:24 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GROUBBING
- XXXX SAWCUT

POINTE ST

REMOVING MANHOLES STA 19+29, 43.8 LT

REMOVING INLETS STA 20+25, 30.8 LT

REMOVING INLETS STA 21+65, 24.5 LT

SLOPE INTERCEPT

STH 35 R/W

TLE

REMOVING INLETS STA 17+79, 1.0 RT

REMOVING MANHOLES STA 18+35, 11.1 LT

REMOVING MANHOLES STA 23+33, 16.0 RT

18+00 19+00 20+00 21+00 22+00 STH 35 (MARQUETTE ROAD) 23+00

RECONSTRUCTING MANHOLES STA 17+50, 17.7 RT

RAISED ISLAND

REMOVING MANHOLES STA 21+67, 13.3 RT

REMOVING INLETS STA 20+29, 28.2 RT

REMOVING INLETS STA 21+62, 25.4 RT

REMOVING MANHOLES STA 20+37, 15.3 RT

REMOVING INLETS STA 23+34, 25.6 RT

REMOVING INLETS STA 17+58, 56.8 RT

REMOVING INLETS STA 17+52, 65.2 RT

CANOPY

FILLER CAPS

CANOPY

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:25 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- XXX SAWCUT

SLOPE INTERCEPT
TLE
STH 35 R/W
REMOVING INLETS STA 23+78, 25.0 LT
REMOVING INLETS STA 27+06, 25.1 LT
REMOVING INLETS STA 27+19, 25.1 LT
REMOVING MANHOLES STA 23+33, 16.0 RT
23+00
24+00
25+00
STH 35 (MARQUETTE ROAD)
26+00
27+00
28+00
REMOVING INLETS STA 23+34, 25.6 RT
REMOVE AT JOINT
REMOVING MANHOLES STA 27+05, 19.5 RT
REMOVING INLETS STA 27+06, 25.7 RT
REMOVING INLETS STA 27+17, 25.6 RT
SLOPE INTERCEPT
STH 35 R/W
SMALL LIGHT POST STA 27+85, 42' RT REMOVE BY OTHERS
SMALL LIGHT POST STA 27+35, 40' RT REMOVE BY OTHERS
15TH ST

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 19	E

2

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- XXXX SAWCUT

SLOPE INTERCEPT

XXXX XXXX

TLE

REMOVING INLETS
STA 31+86, 24.8 LT

STH 35 R/W

SIGN

INL

28+00 29+00 STH 35 (MARQUETTE ROAD) 30+00 31+00 32+00 33+00 34+00

INL MH

REMOVING INLETS
STA 31+86, 25.0 RT

REMOVING MANHOLES
STA 31+87, 16.2 RT

SMALL LIGHT POST
STA 27+85, 42' RT
REMOVE BY OTHERS

SMALL LIGHT POST
STA 29+50, 44' RT
REMOVE BY OTHERS

SMALL LIGHT POST
STA 30+00, 45' RT
REMOVE BY OTHERS

SLOPE INTERCEPT

TLE

STH 35 R/W

HARDRA

FENCE, REMOVE BY OTHERS
STA 33+50-35+00, 40' RT

PRAIRIE ST

W

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 20	E

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

N

11TH ST

TLE

SIGN

SIGN

SLOPE INTERCEPT

REMOVING INLETS
STA 36+31, 25.6 LT

STH 35 R/W

SIGN

INL

34+00 STH 35 (MARQUETTE ROAD) 35+00 36+00 37+00 38+00 39+00

INL MH

REMOVING INLETS
STA 36+30, 24.7 RT

REMOVING MANHOLES
STA 36+31, 14.8 RT

SIGN

SLOPE INTERCEPT

TLE

SIGN

STH 35 R/W

SMALL LIGHT POST
STA 37+45, 42' RT
REMOVE (BY OTHERS

POOL

MINI
GOLF
COURSE

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 21	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:27 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

2

11TH ST

LOCKWOOD ST

11+00LW

REMOVING MANHOLES
STA 39+40, 33.7 LT

REMOVING INLETS
STA 40+07, 25.2 LT

SLOPE INTERCEPT

TLE

REMOVING MANHOLES
STA 42+88, 14.4 LT

STH 35 R/W

10TH ST

12+00TE

SIGN

INL

HW

39+00

STH 35 (MARQUETTE ROAD)

40+00

41+00

42+00

43+00

44+00

INL

MH

REMOVING INLETS
STA 40+05, 24.3 RT

REMOVING MANHOLES
STA 40+06, 16.2 RT

SLOPE INTERCEPT

STH 35 R/W

FENCE, REMOVE BY OTHERS
STA 40+90, 40' RT

REMOVING MANHOLES
STA 42+29, 62.2 RT

MH

REMOVING MANHOLES
STA 42+87, 15.3 RT

TLE

11+00EE

11+00EO

11TH ST

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 22	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:28 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

2

2

TLE

N

SIGN

41+00 TE

10+00 TE

STH 35 R/W

SLOPE INTERCEPT

XXXX

SIGN

REMOVING INLETS
STA 47+92, 29.7 LT

XXXX XXXX XXXX XXXX

INL

44+00 45+00 STH 35 (MARQUETTE ROAD) 46+00 47+00 48+00 49+00 50

INL

REMOVING INLETS
STA 47+88, 20.1 RT

SIGN

SIGN

SIGN

STH 35 R/W

TLE

SLOPE INTERCEPT

XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX

XXXX XXXX

SIGN, FENCE, & LANDSCAPING,
STA 46+30, 45' RT
REMOVE BY OTHERS

CAMPION BLVD

10TH ST

JVD

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- XXX SAWCUT

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 23	E

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

BURLINGTON NORTHERN & SANTA FE

STH 35 (MARQUETTE ROAD)

STH 35 R/W

TLE

SLOPE INTERCEPT

REMOVING MANHOLES
STA 50+17, 11.6 RT

REMOVING INLETS
STA 52+70, 30.5 LT

REMOVING INLETS
STA 52+52, 20.3 RT

REMOVING INLETS
STA 52+67, 45.4 RT

REMOVING MANHOLES
STA 52+80, 19.2 RT

REMOVING INLETS
STA 52+98, 55.1 RT

REMOVING FENCE

REMOVING INLETS
STA 54+51, 26.1 LT

FENCE, REMOVE BY OTHERS
STA 53+25-54+10, 29' RT

REMOVING INLETS
STA 54+48, 16.1 RT

REMOVING MANHOLES
STA 54+51, 11.9 RT

EXISTING DRIVEWAY
TO REMAIN

SPANISH ST

10+00PA

12+00PA

13+00PA

49+00 50+00 51+00 52+00 53+00 54+00 55+00

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 24	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:29 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

SLOPE INTERCEPT
RR P.L.
REMOVING FENCE
TLE
STH 35 R/W
REMOVING INLETS
STA 54+51, 26.1 LT
STH 35 (MARQUETTE ROAD)
55+00
56+00
57+00
58+00
59+00
60+00
REMOVING MANHOLES
STA 55+83, 21.9 RT
REMOVING MANHOLES
STA 56+40, 14.7 RT
REMOVING MANHOLES
STA 59+82, 35.5 RT
REMOVING MANHOLES
STA 59+60, 34.2 RT
REMOVING MANHOLES
STA 60+19, 24.9 RT
TLE
REMOVING MANHOLES
STA 54+51, 11.9 RT
REMOVING INLETS
STA 54+48, 16.1 RT
STH 35 R/W
MUELLER ST
REMOVING INLETS
STA 56+39, 19.3 RT
DAIRY QUEEN BUSHES &
OUTDOOR AREA
STA 57+15-57+50, 34' RT
REMOVE BY OTHERS
WOOD FENCE, BUSHES &
CONCRETE POST
STA 57+85, 41' RT
REMOVE BY OTHERS
SLOPE INTERCEPT
BRUNSON ST

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 25	E

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

N

RR P.L.
SLOPE INTERCEPT
TLE
REMOVING FENCE
RR P.L.
STH 35 R/W
REMOVE MANHOLE STA 59+60, 34.2 RT
REMOVING INLETS STA 63+95, 11.5 LT
60+00
61+00
62+00
63+00
64+00
65+00
STH 35 (MARQUETTE ROAD)
REMOVING MANHOLES STA 59+82, 35.5 RT
REMOVING MANHOLES STA 60+19, 24.9 RT
REMOVING MANHOLES STA 61+19, 6.4 RT
REMOVING INLETS STA 64+30, 30.1 RT
TLE
SLOPE INTERCEPT
REMOVING INLETS STA 63+50, 30.4 RT
STH 35 R/W
REMOVING MANHOLES STA 63+83, 35.0 RT
11+00BL
11+00BW
BROADWAY ST

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:31 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

BURLINGTON NORTHERN & SANTA FE

TLE

HE

RR P.L.

REMOVING FENCE

SLOPE INTERCEPT

RR P.L.

REMOVING INLETS
STA 67+21, 11.7 LT

STH 35 R/W

65+00 66+00 67+00 68+00 69+00 70+00 71+00

STH 35 (MARQUETTE ROAD)

REMOVING MANHOLES
STA 67+54, 28.3 RT

STH 35 R/W

REMOVING INLETS
STA 67+20, 30.2 RT

SLOPE INTERCEPT

TLE

R/W

FILLER CAPS

CANOPY

WELLS ST

11+00 NB

FILLER CAPS

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 27	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:32 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

SANTA FE

SLOPE INTERCEPT

TLE

REMOVING FENCE

STH 35 R/W

RR P.L.

REMOVING INLETS
STA 73+50, 12.8 LT

71+00 72+00 73+00 74+00 75+00 76+00

STH 35 (MARQUETTE ROAD)

REMOVING MANHOLES
STA 71+52, 27.3 RT

REMOVING INLETS
STA 73+50, 29.0 RT

STH 35 R/W

TLE

SLOPE INTERCEPT

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 28	E

2

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

N

SLOPE INTERCEPT

REMOVING FENCE

STH 35 R/W

RR P.L.

EXISTING HE

RECONSTRUCTING INLETS STA 80+70, 31.3 LT

REMOVING INLETS STA 81+40, 37.8 LT

REMOVING INLETS STA 81+42, 2.7 LT

RECONSTRUCTING INLETS STA 81+42, 4.2 RT

REMOVING MANHOLES STA 79+54, 32.9 RT

REMOVING INLETS STA 79+18, 29.0 RT

76+00 77+00 78+00 79+00 80+00 81+00

STH 35 (MARQUETTE ROAD)

SLOPE INTERCEPT

TLE

STH 35 R/W

11+00CR

CRAWFORD ST

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 29	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:33 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING CONCRETE SIDEWALK
- REMOVING CURB & GUTTER (PAID AS REMOVING PAVEMENT)
- REMOVING CURB & GUTTER
- REMOVING PAVEMENT
- CLEARING AND GRUBBING
- SAWCUT

MOONEY ST

12+00MN

13+00MN

11+00CR

CRAWFORD ST

N

TLE

EXISTING HE

REMOVING FENCE

SLOPE INTERCEPT

STH 35 R/W

RECONSTRUCTING INLETS
STA 80+70, 31.3 LT

REMOVING INLETS
STA 81+40, 37.8 LT

RECONSTRUCTING MANHOLES
STA 82+56, 34.1 LT

REMOVING INLETS
STA 82+49, 35.5 LT

RAISED ISLAND

STH 35 R/W

RECONSTRUCTING MANHOLES
STA 82+50, 0.1 LT

REMOVING INLETS
STA 81+42, 2.7 LT

80+00

81+00

82+00

83+00

84+00

85+00

STH 35 (MARQUETTE ROAD)

RECONSTRUCTING INLETS
STA 81+42, 4.2 RT

REMOVING INLETS
STA 82+13, 4.0 LT

REMOVING INLETS
STA 82+26, 3.9 LT

RAISED ISLAND

RECONSTRUCTING INLETS
STA 82+87, 4.0 LT

RECONSTRUCTING INLETS
STA 82+77, 4.1 LT

REMOVING INLETS
STA 79+18, 29.0 RT

SAW CUT AT
STA 80+00

STH 35 R/W

REMOVING MANHOLES
STA 79+54, 32.9 RT

VACUUM

VACUUM

VACUUM

SIGN

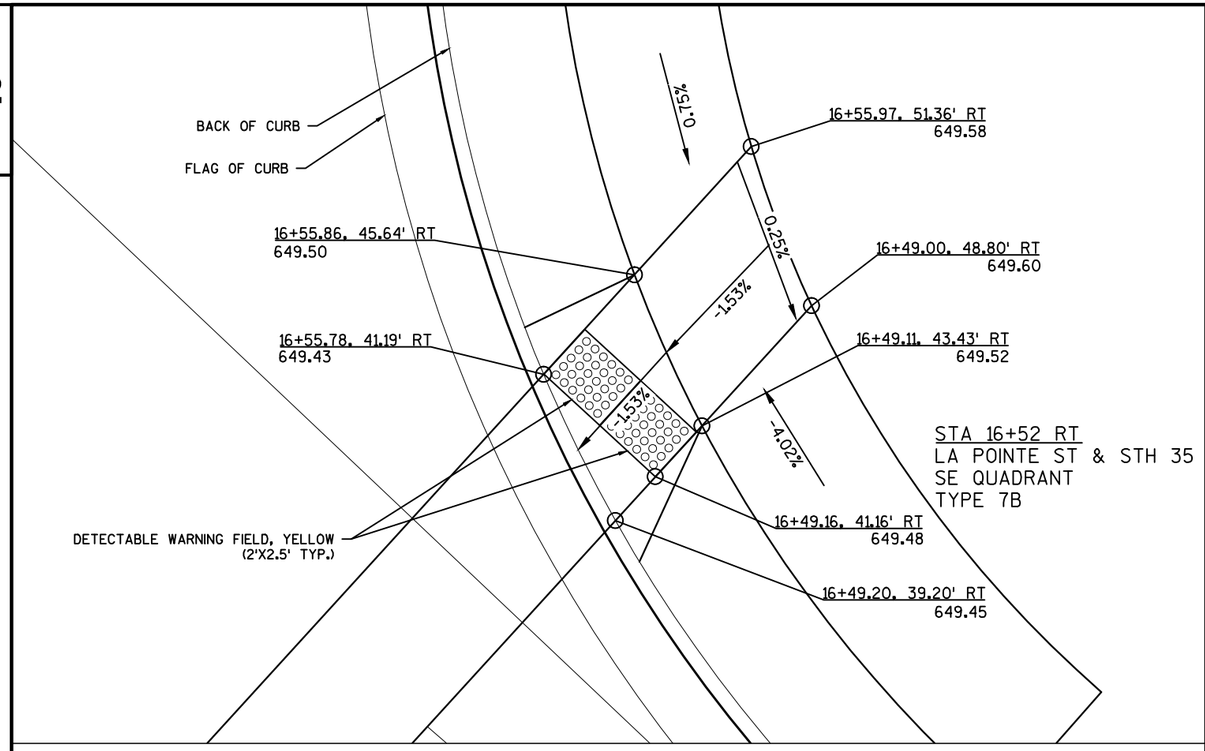
SIGN

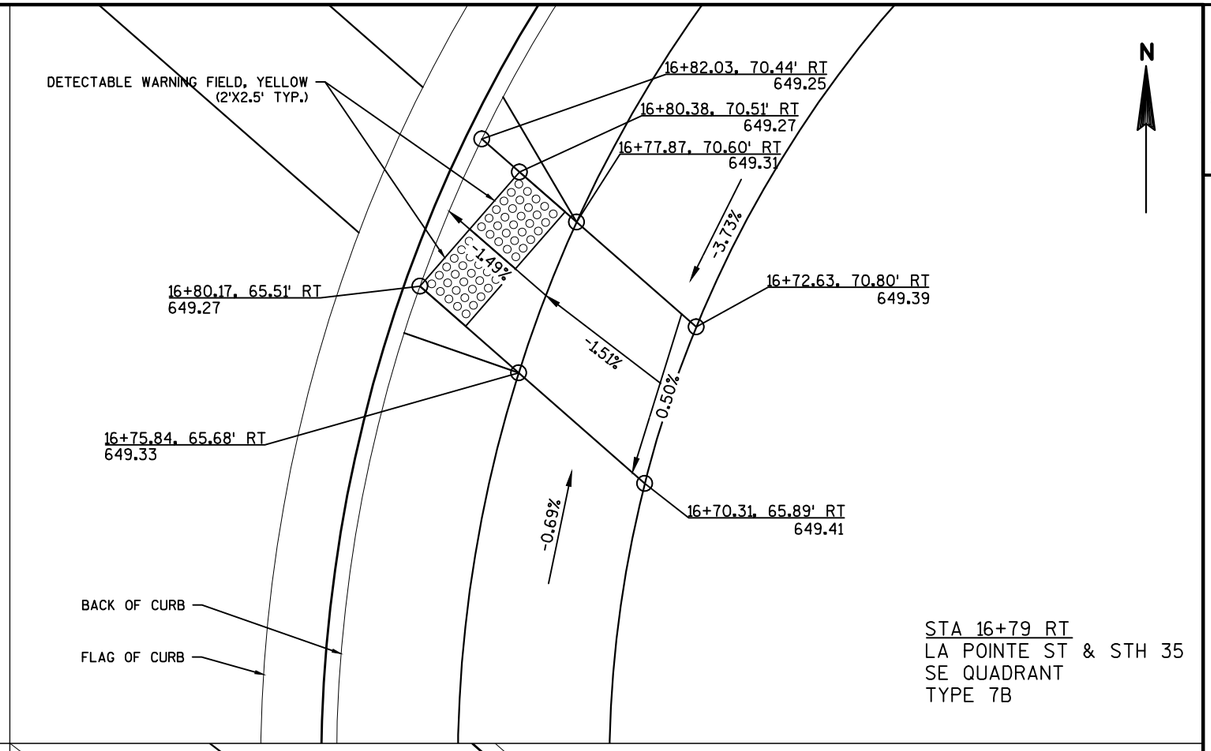
INL

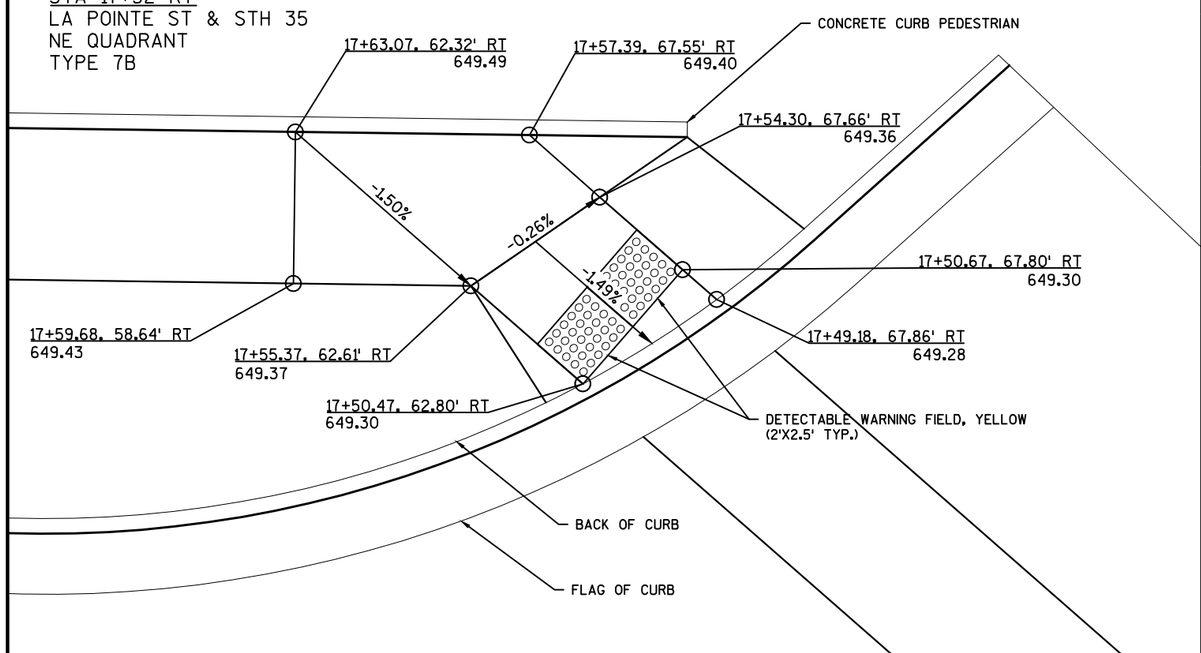
MH

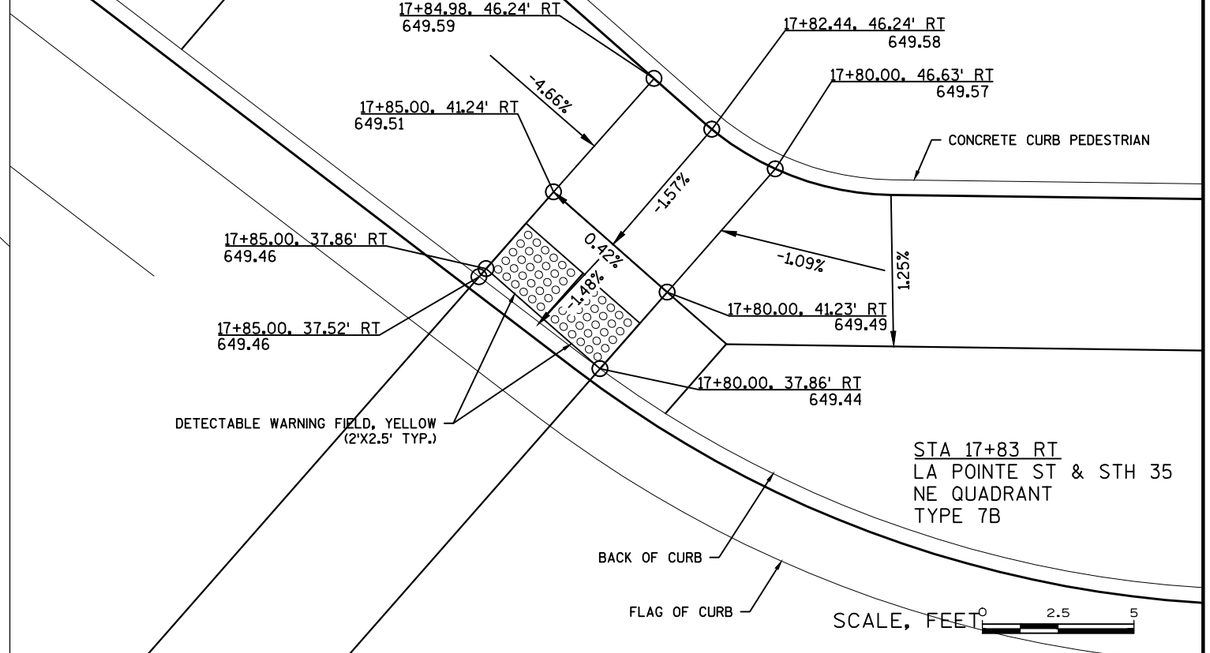
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	REMOVAL PLAN	SHEET 30	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021002_CD.DWG PLOT DATE : 11/8/2017 1:34 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF



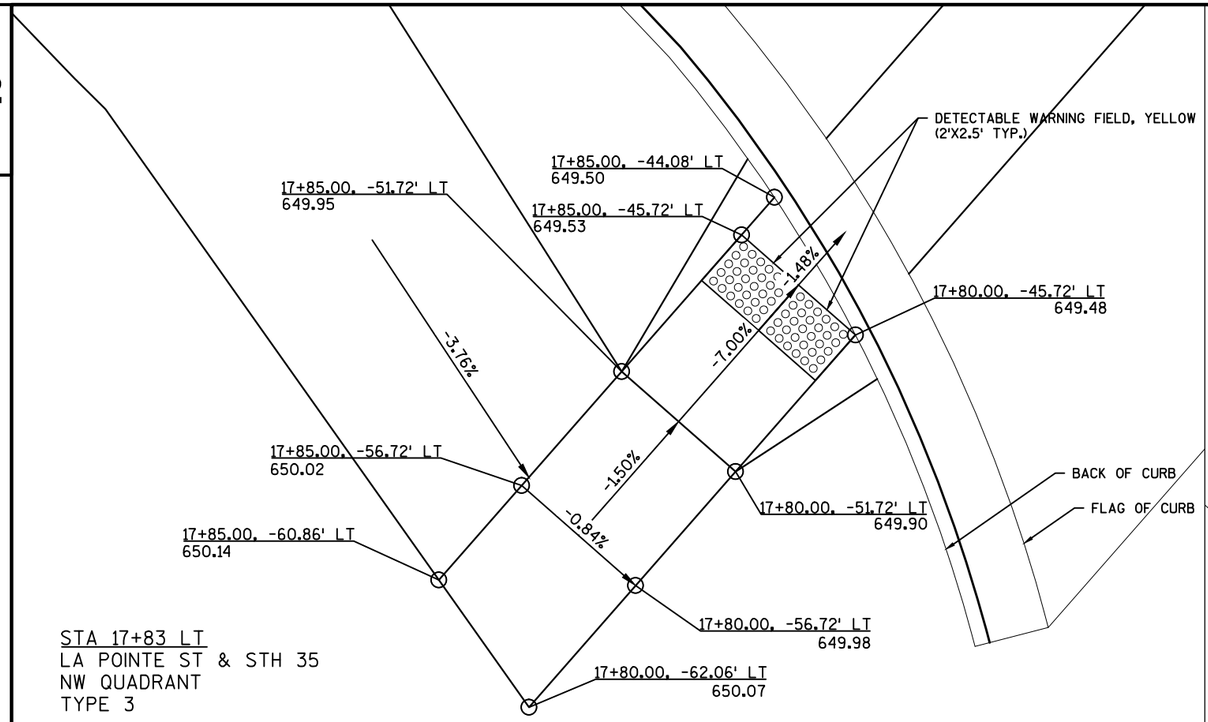




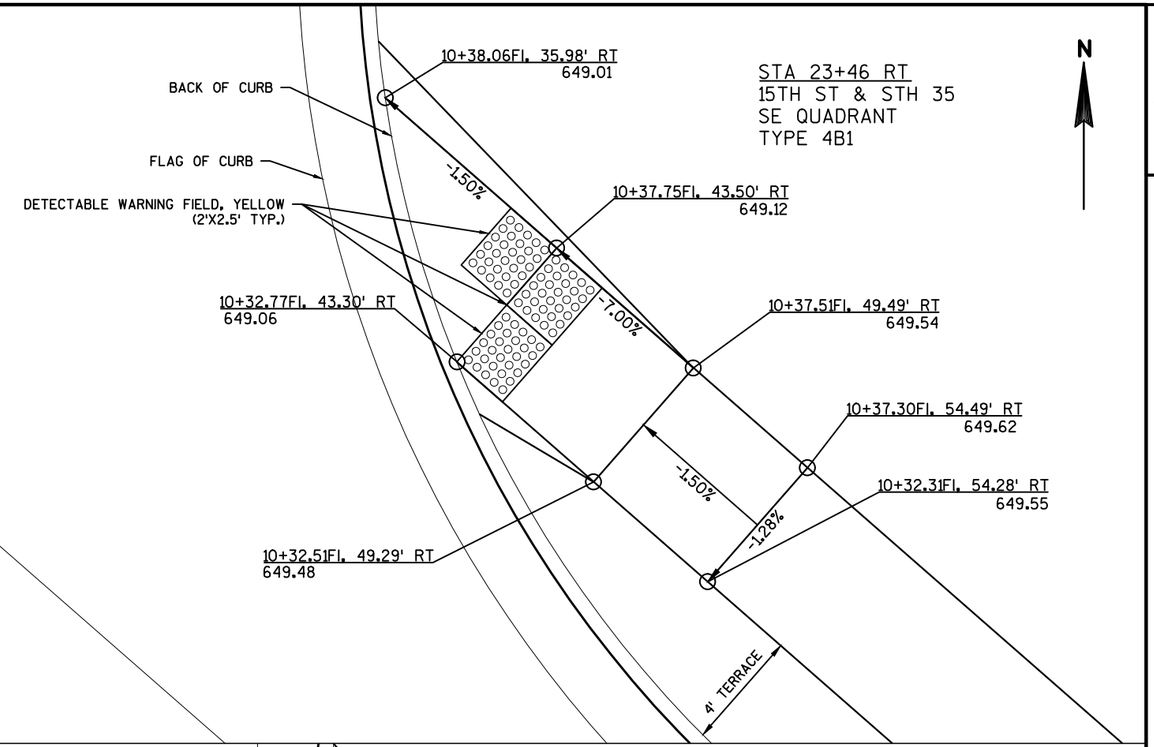


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 31	E

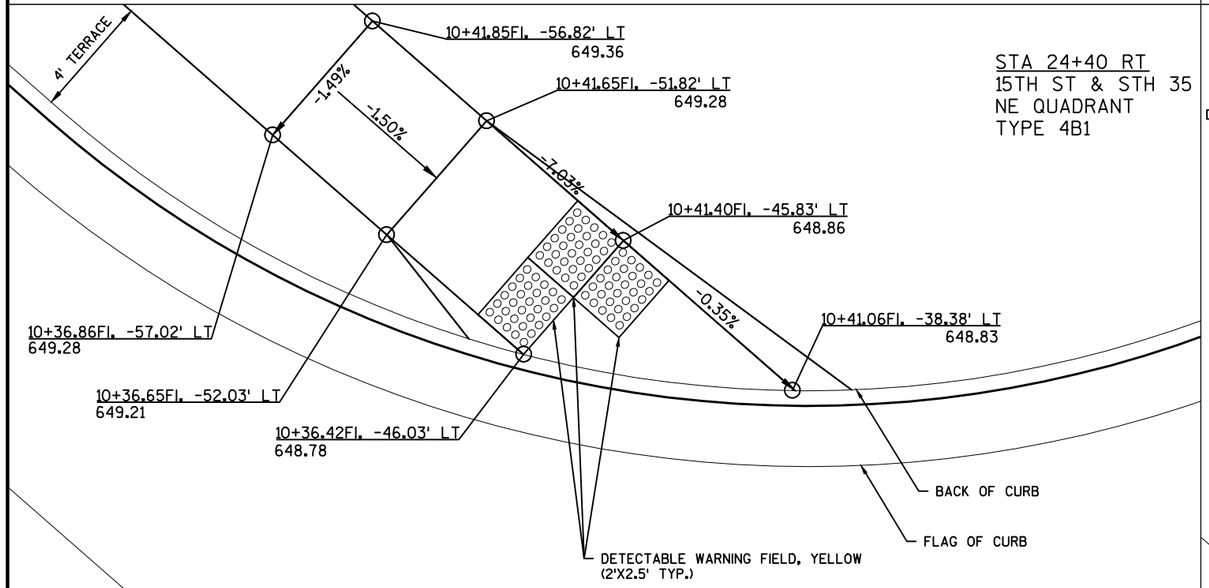
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021003_CD.DWG
LAYOUT NAME - 021003_CD - 021001
PLOT DATE : 7/24/2017 4:09 PM
PLOT BY : ANDERSEN, KEVIN
PLOT NAME :
PLOT SCALE : **********
WISDOT/CADDS SHEET 42



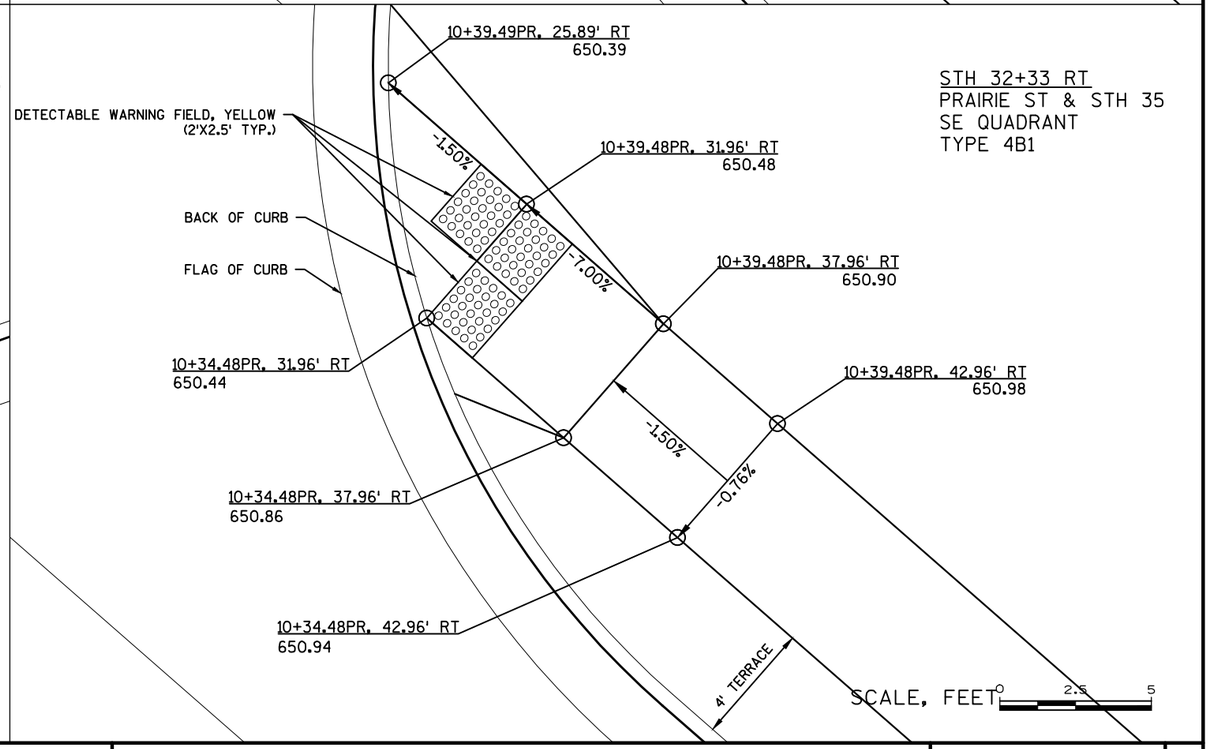
STA 17+83 LT
LA POINTE ST & STH 35
NW QUADRANT
TYPE 3



STA 23+46 RT
15TH ST & STH 35
SE QUADRANT
TYPE 4B1

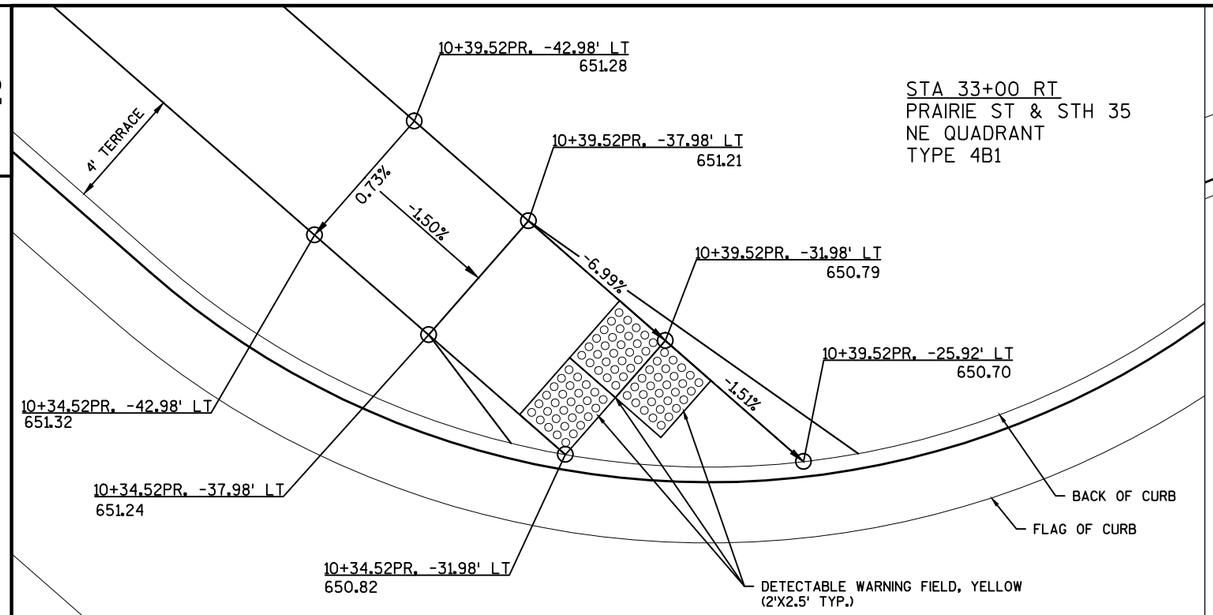


STA 24+40 RT
15TH ST & STH 35
NE QUADRANT
TYPE 4B1

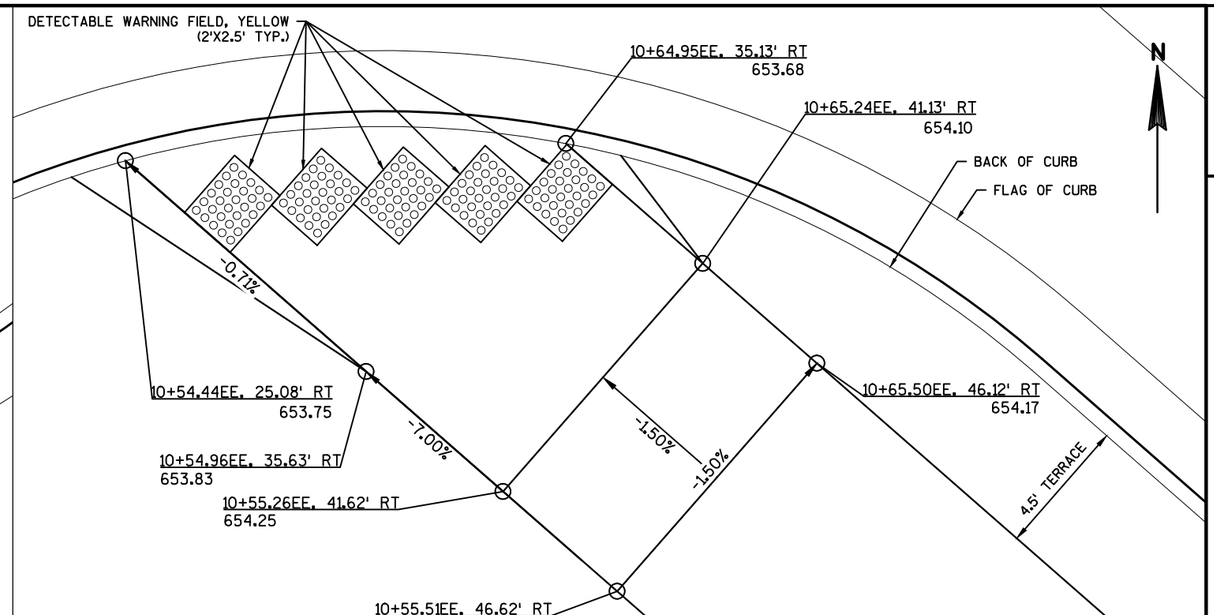


STH 32+33 RT
PRAIRIE ST & STH 35
SE QUADRANT
TYPE 4B1

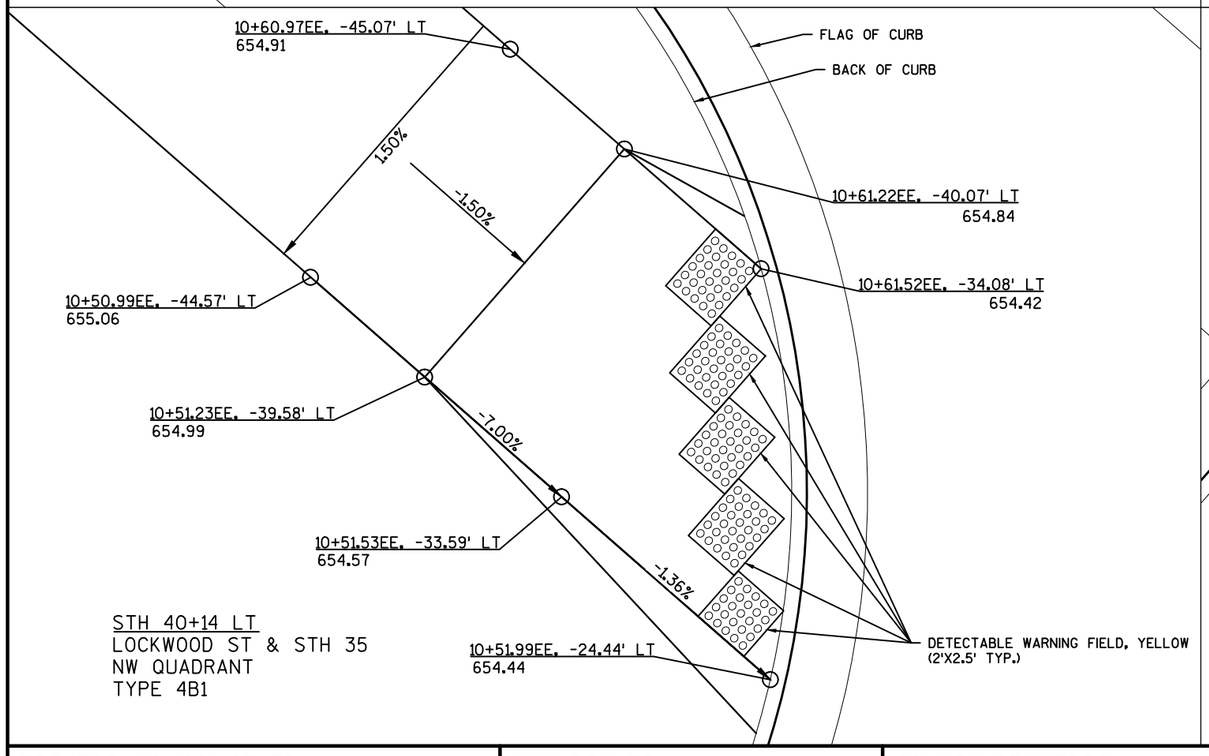
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 32	E



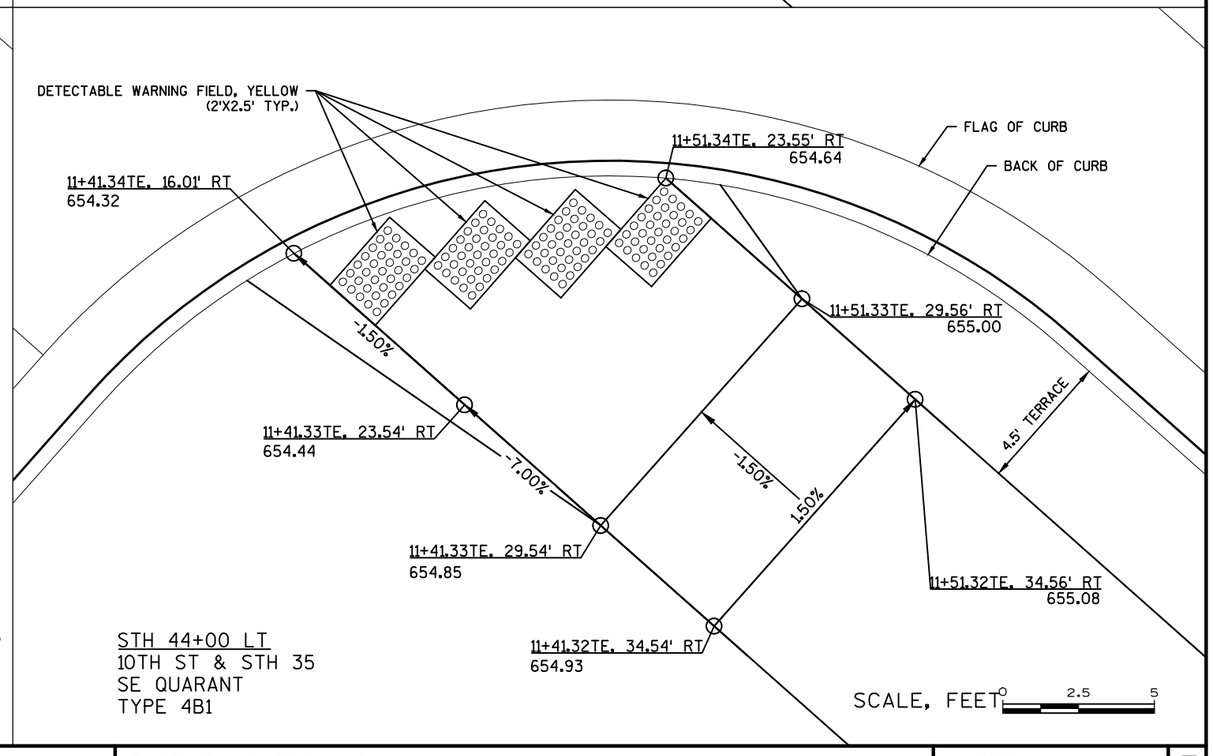
STA 33+00 RT
PRAIRIE ST & STH 35
NE QUADRANT
TYPE 4B1



STA 39+38 LT
LOCKWOOD ST & STH 35
SW QUADRANT
TYPE 4B1

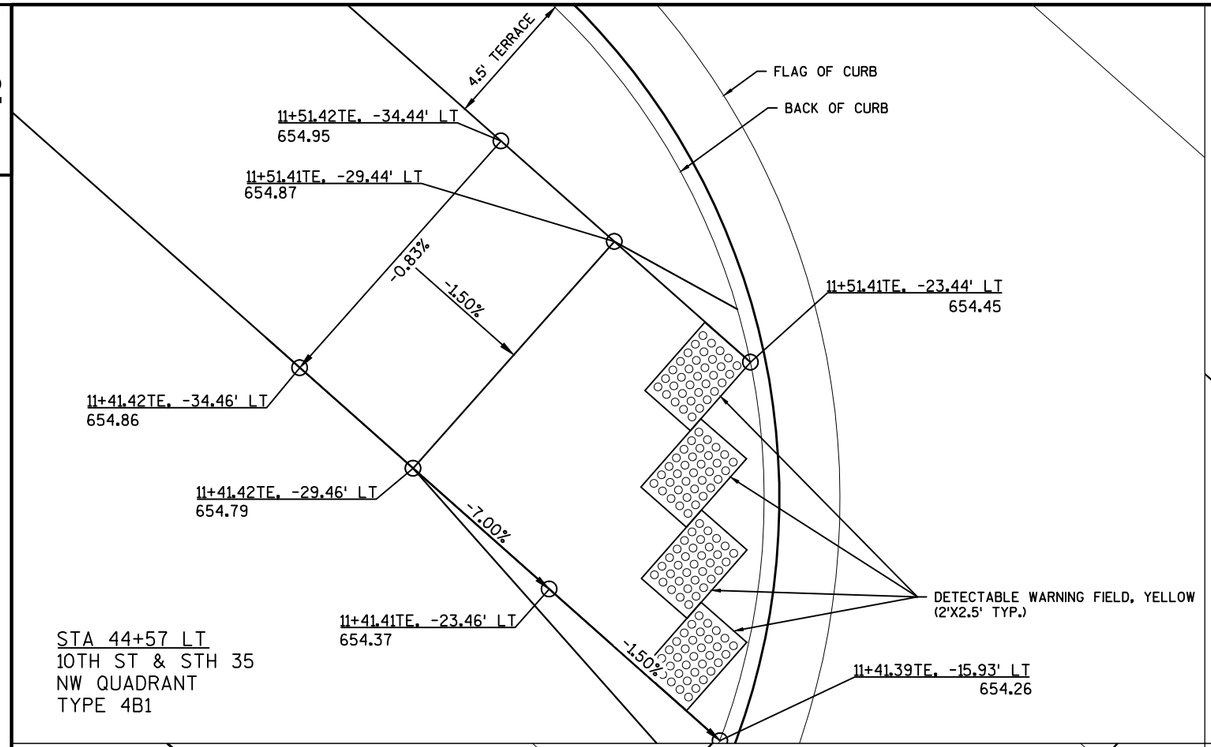


STH 40+14 LT
LOCKWOOD ST & STH 35
NW QUADRANT
TYPE 4B1

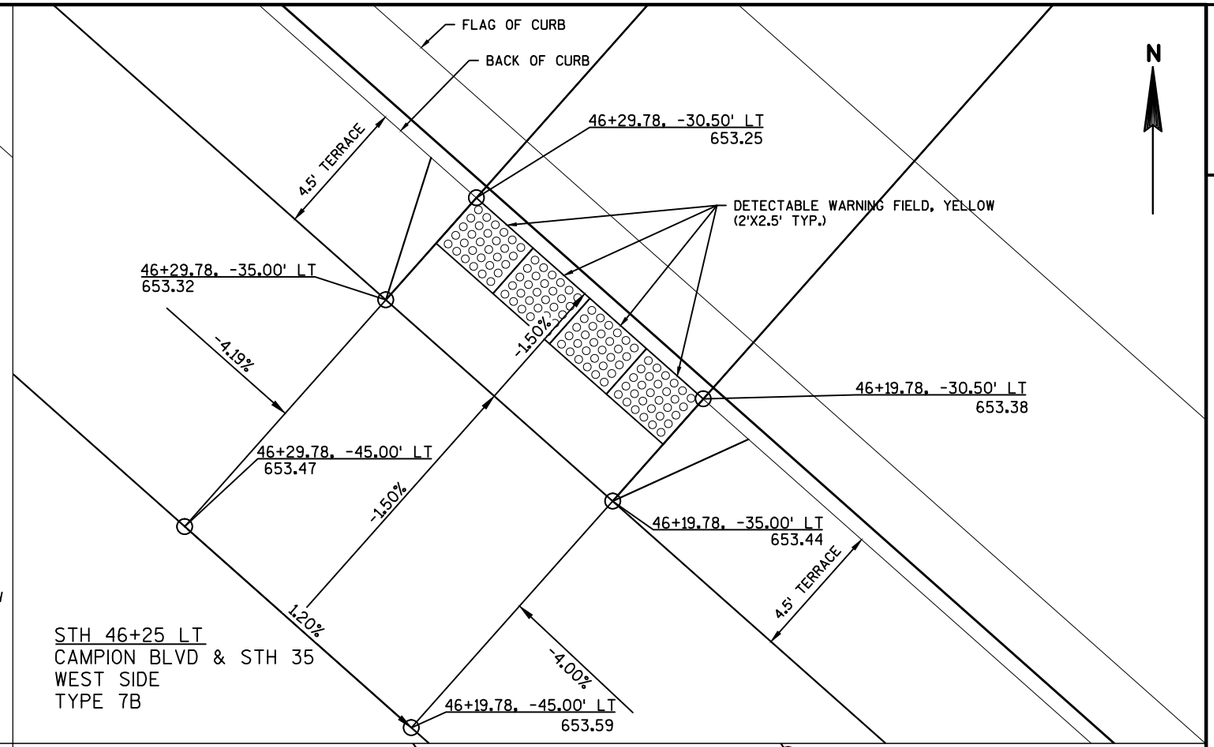


STH 44+00 LT
10TH ST & STH 35
SE QUARANT
TYPE 4B1

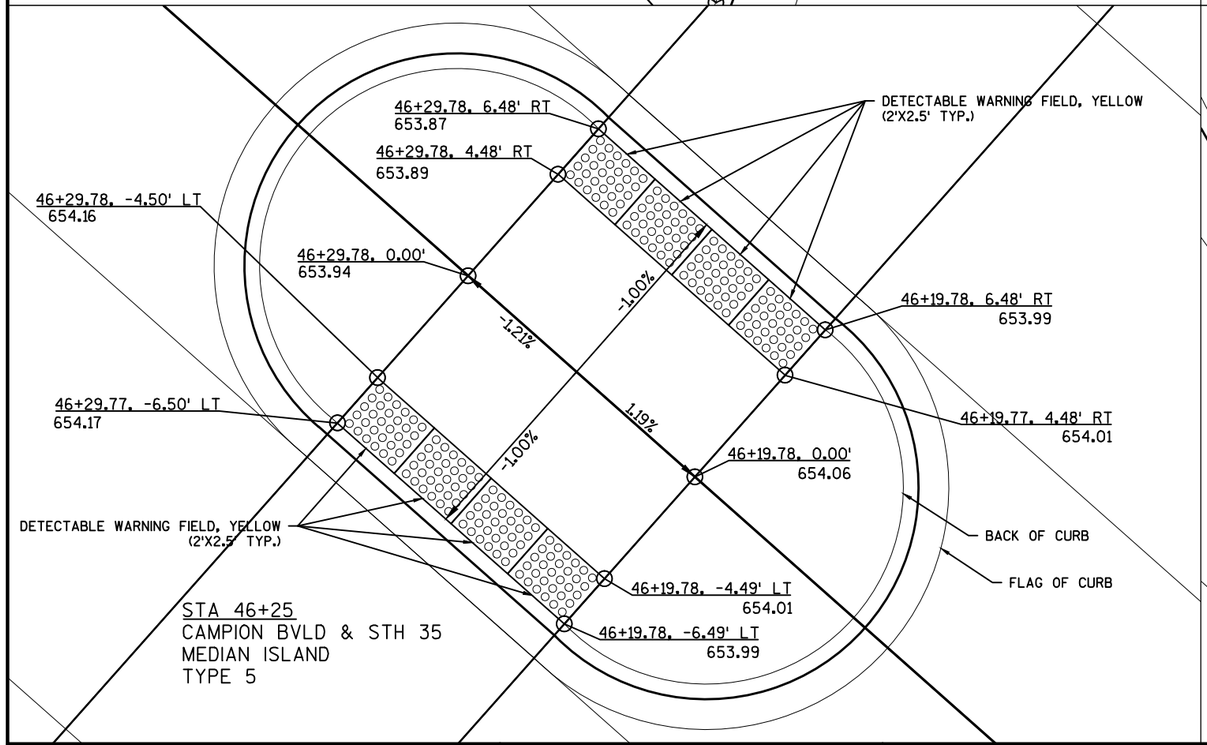
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 33	E



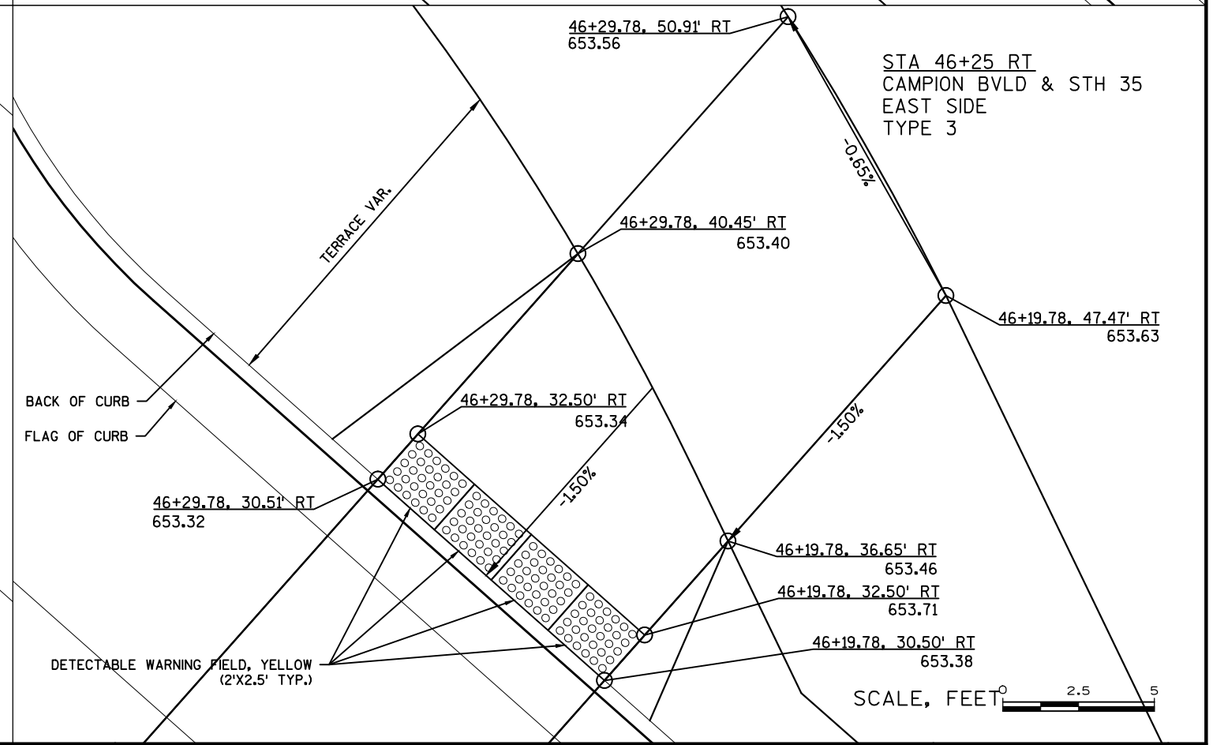
STA 44+57 LT
10TH ST & STH 35
NW QUADRANT
TYPE 4B1



STH 46+25 LT
CAMPION BLVD & STH 35
WEST SIDE
TYPE 7B



STA 46+25
CAMPION BVLD & STH 35
MEDIAN ISLAND
TYPE 5

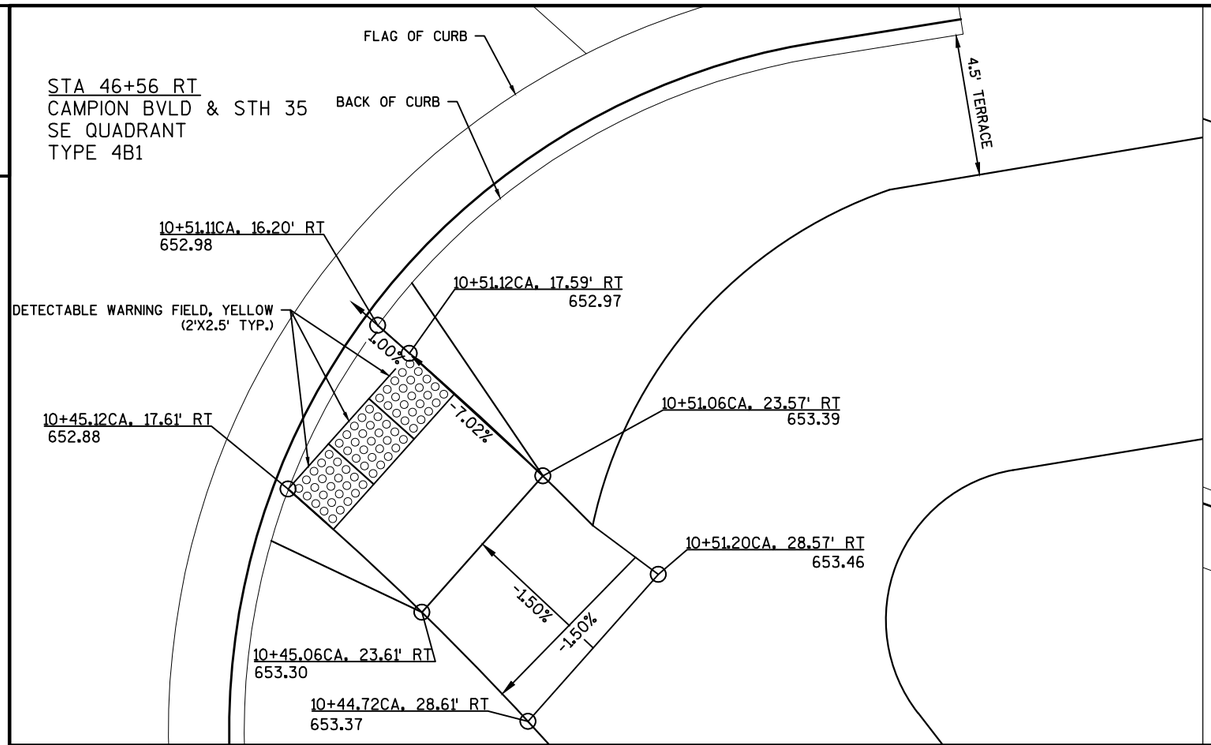


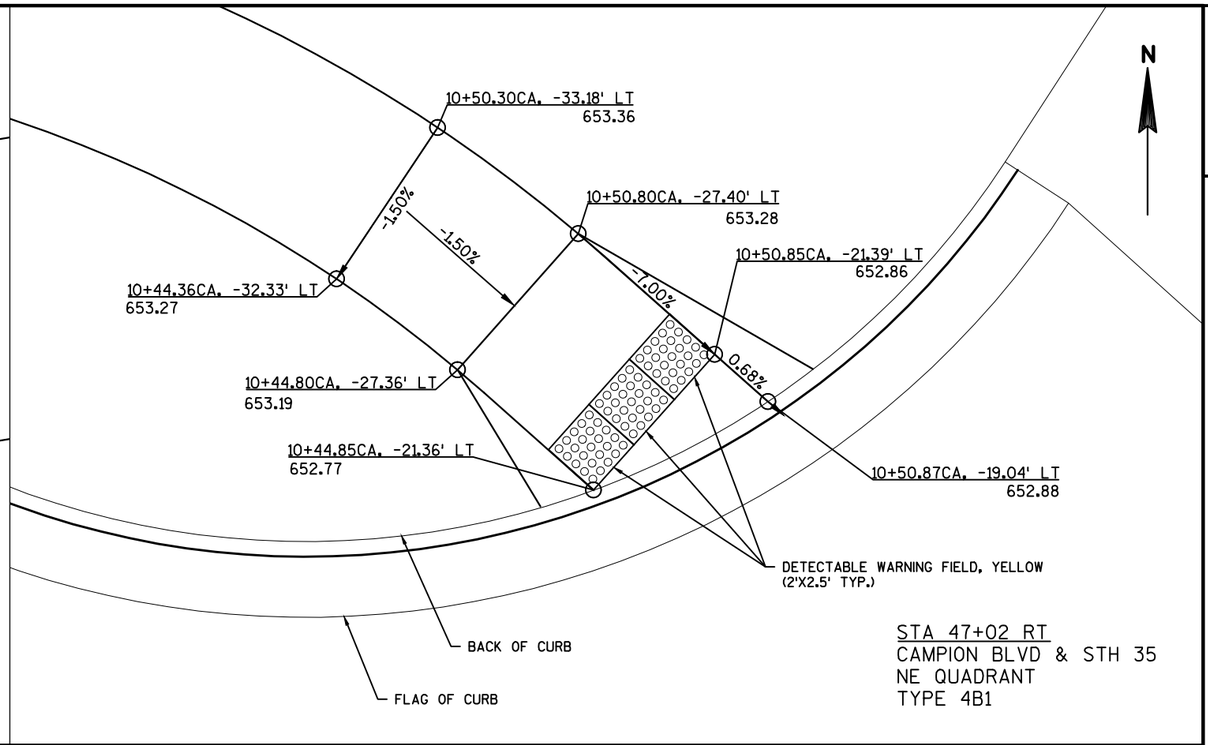
STA 46+25 RT
CAMPION BVLD & STH 35
EAST SIDE
TYPE 3

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 34	E

2

STA 46+56 RT
CAMPION BVLD & STH 35
SE QUADRANT
TYPE 4B1

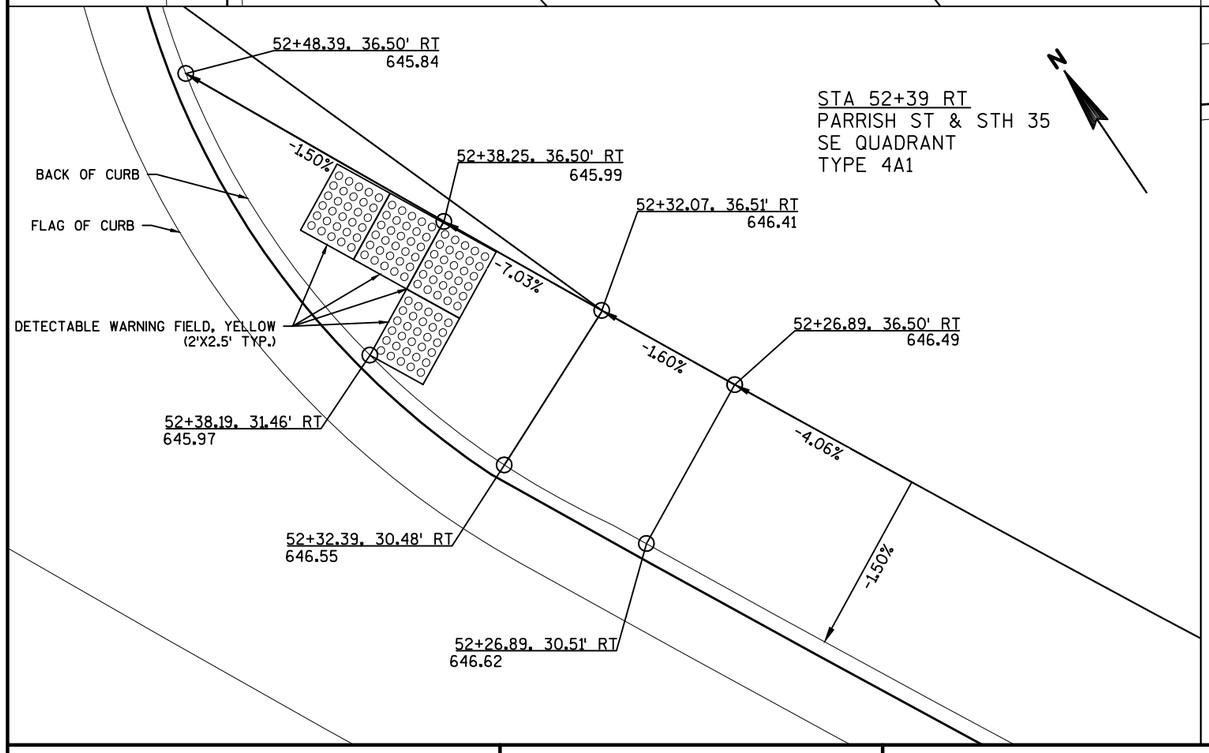




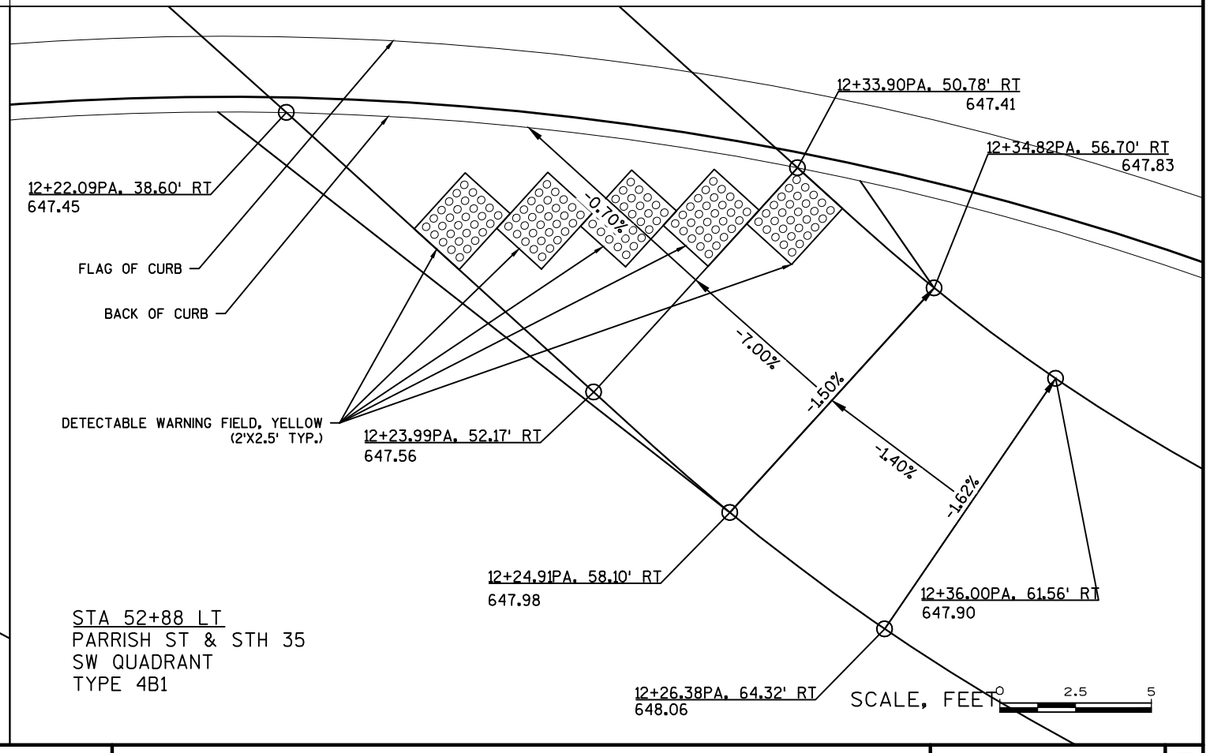
STA 47+02 RT
CAMPION BLVD & STH 35
NE QUADRANT
TYPE 4B1

2

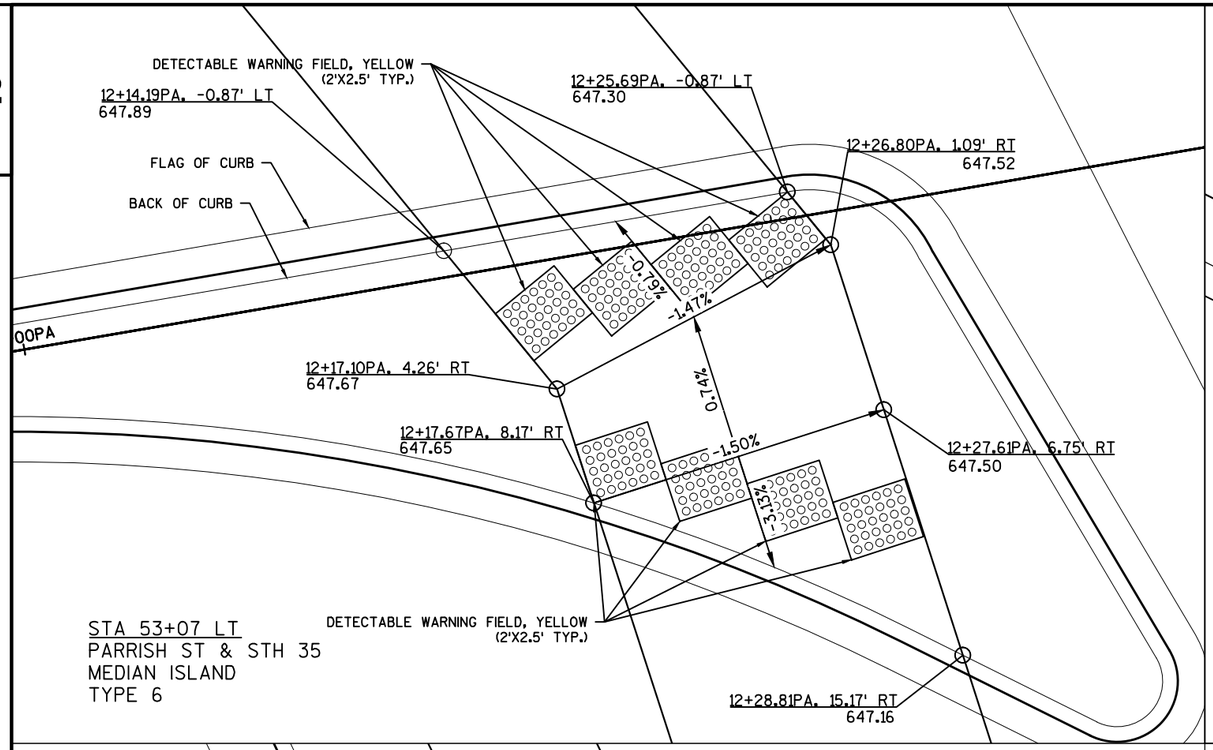
STA 52+39 RT
PARRISH ST & STH 35
SE QUADRANT
TYPE 4A1

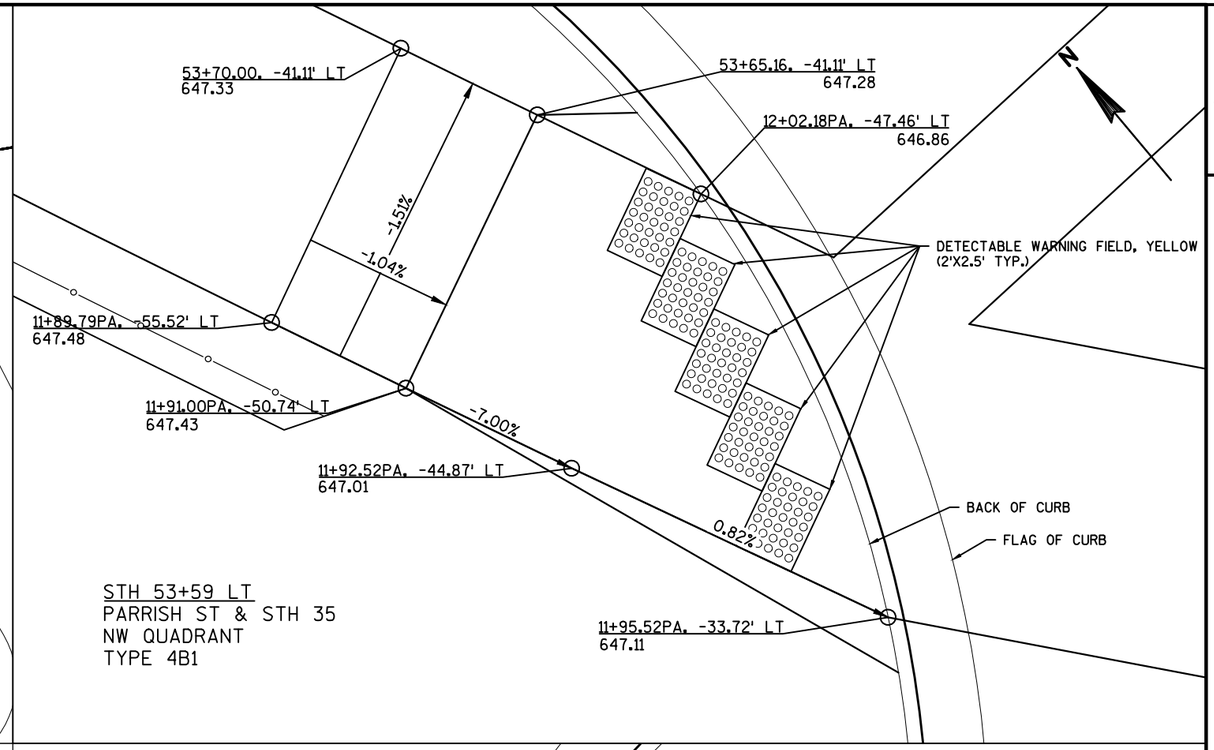


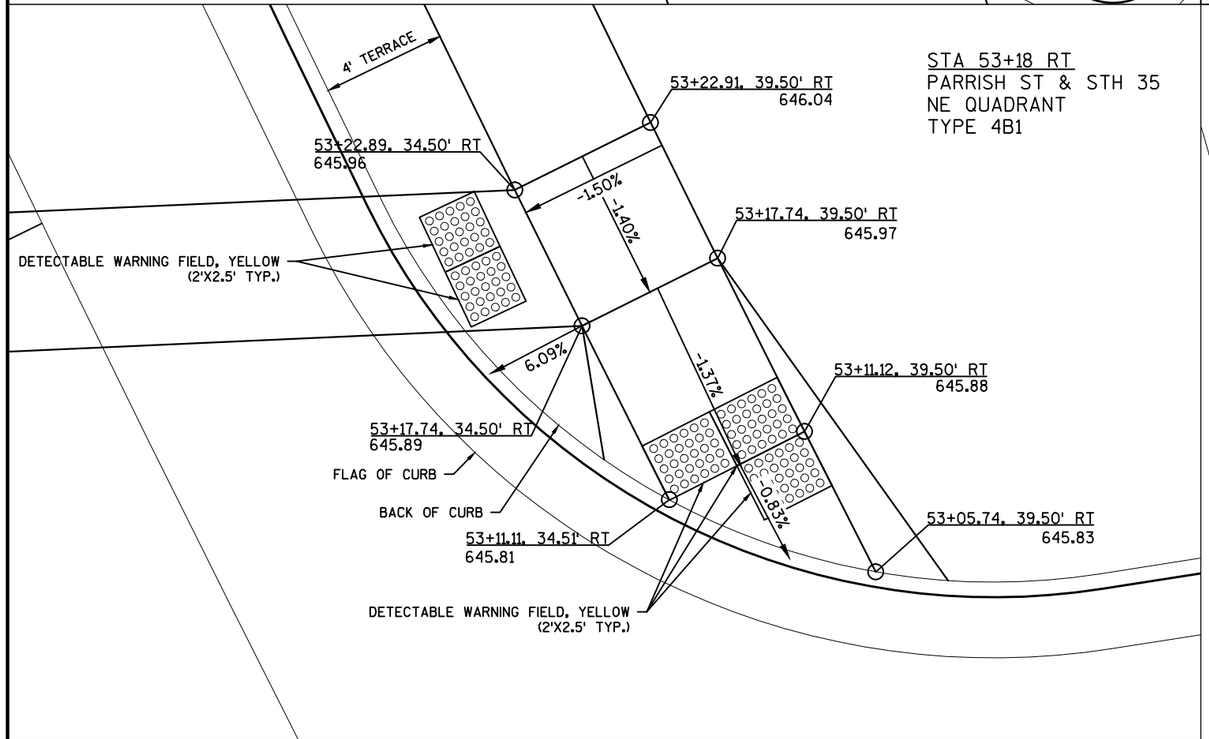
STA 52+88 LT
PARRISH ST & STH 35
SW QUADRANT
TYPE 4B1

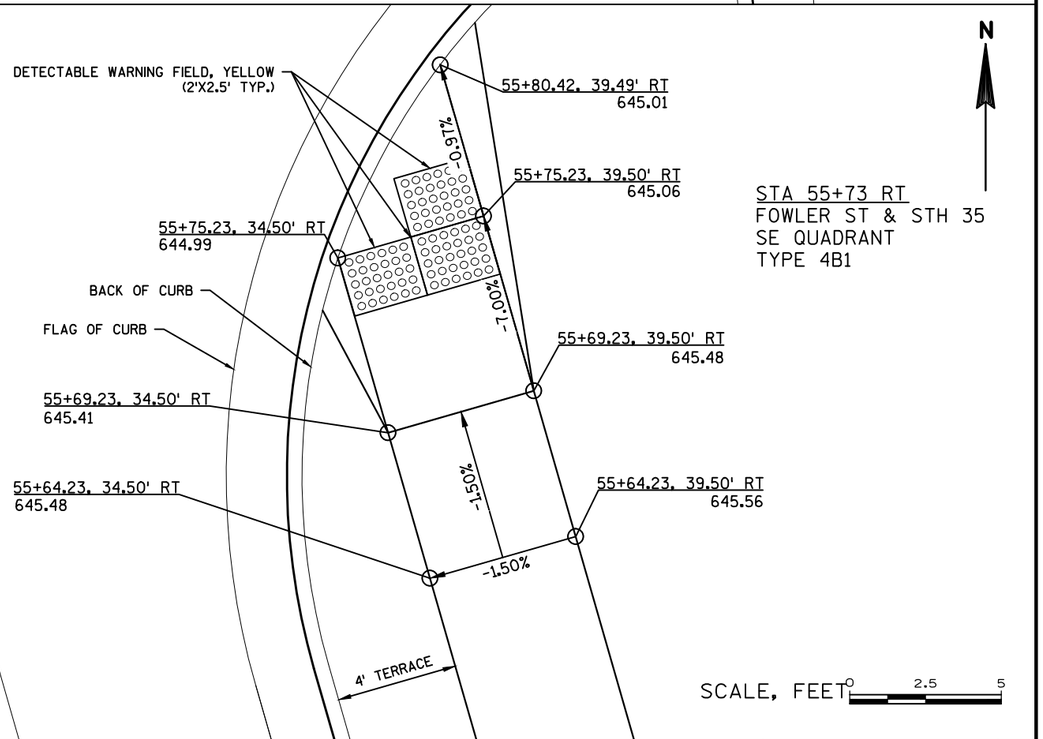


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 35	E

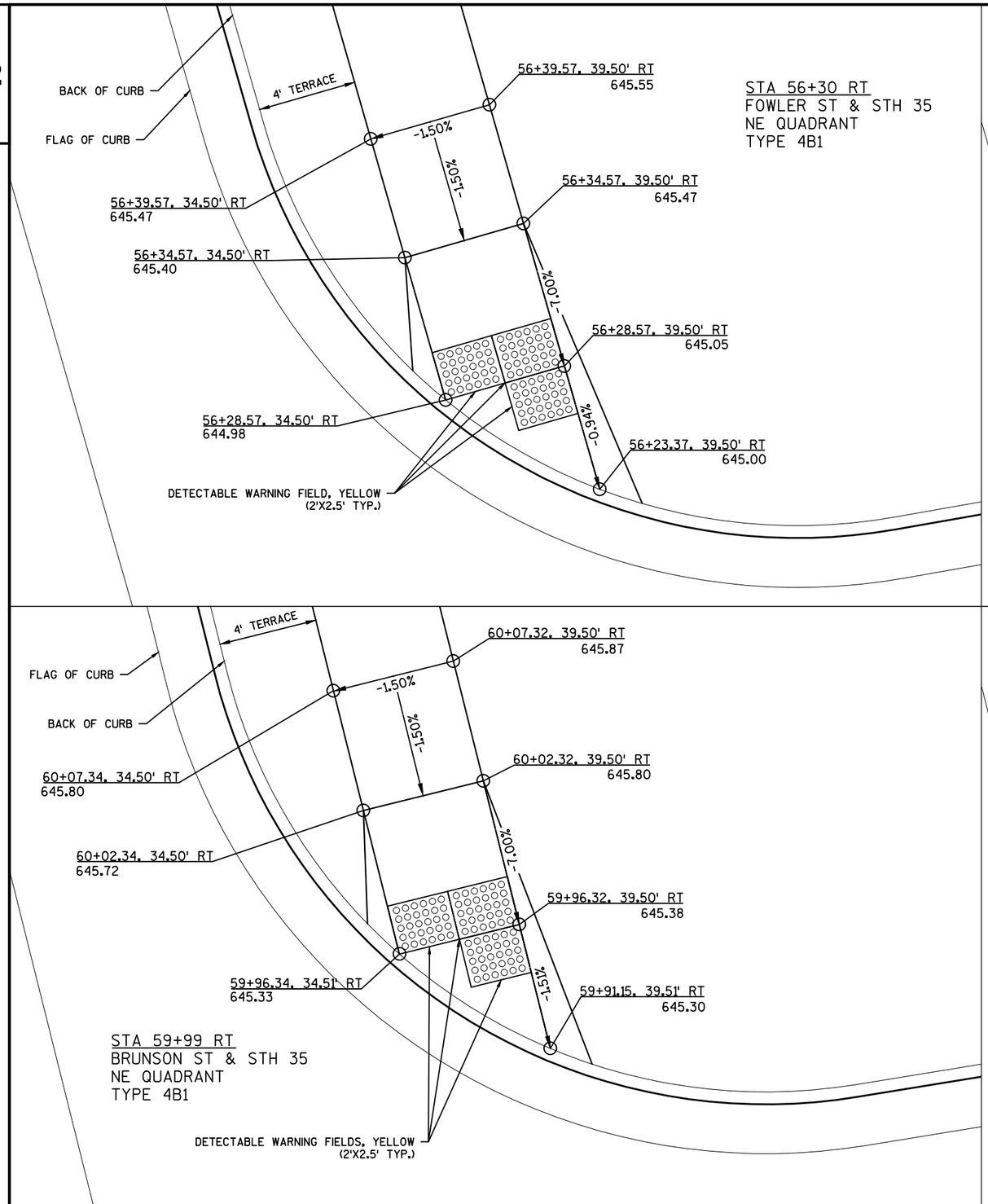


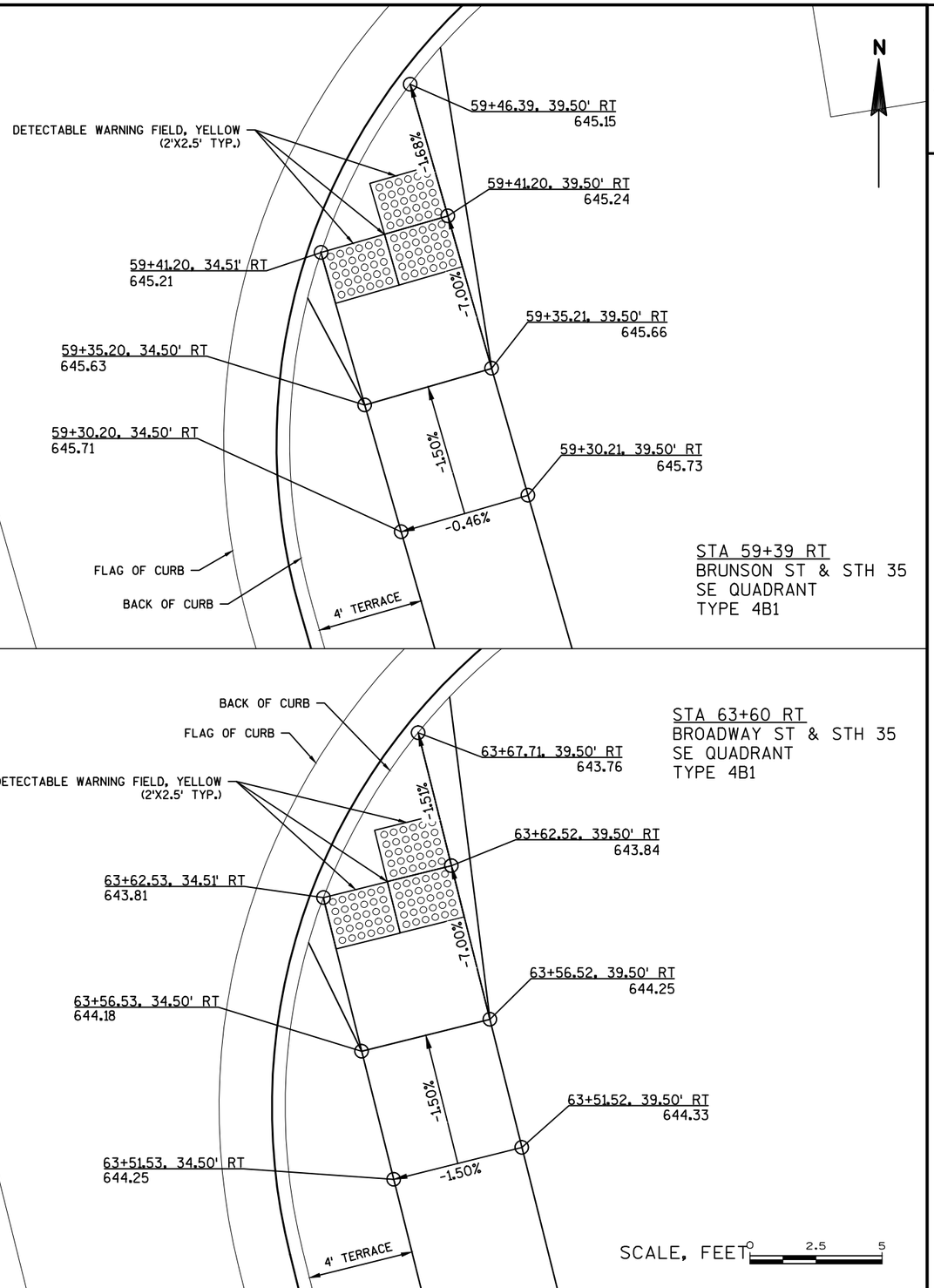




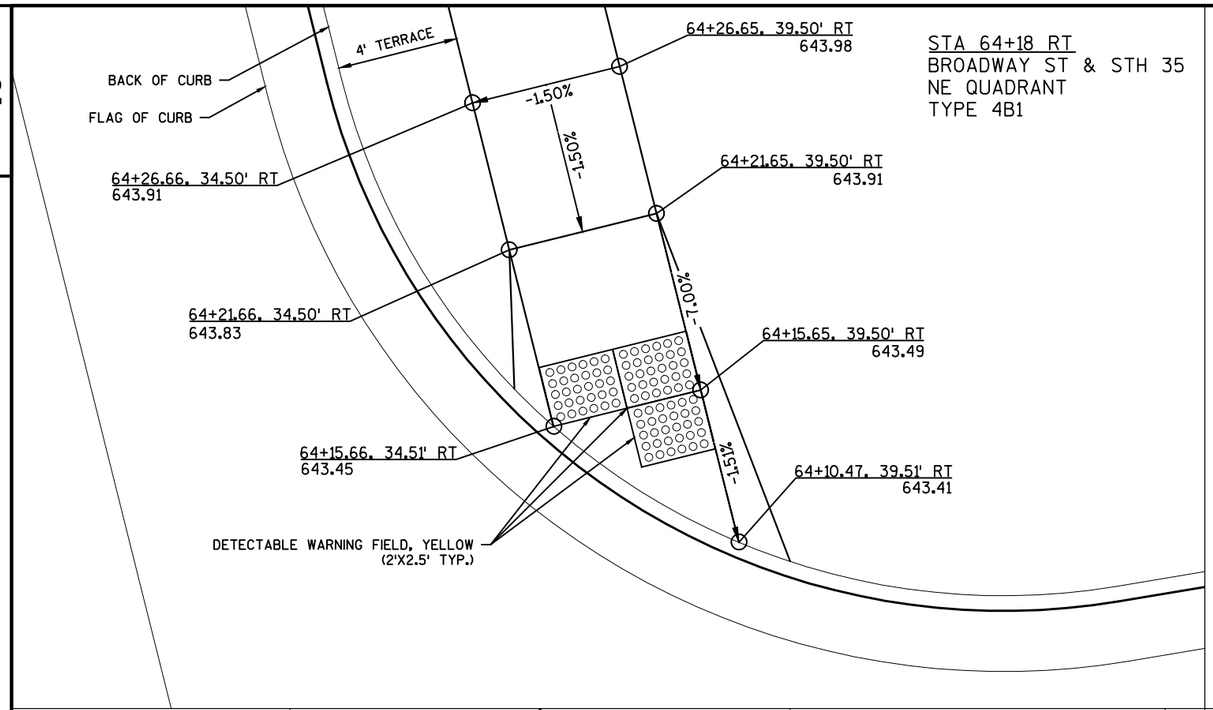


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 36	E

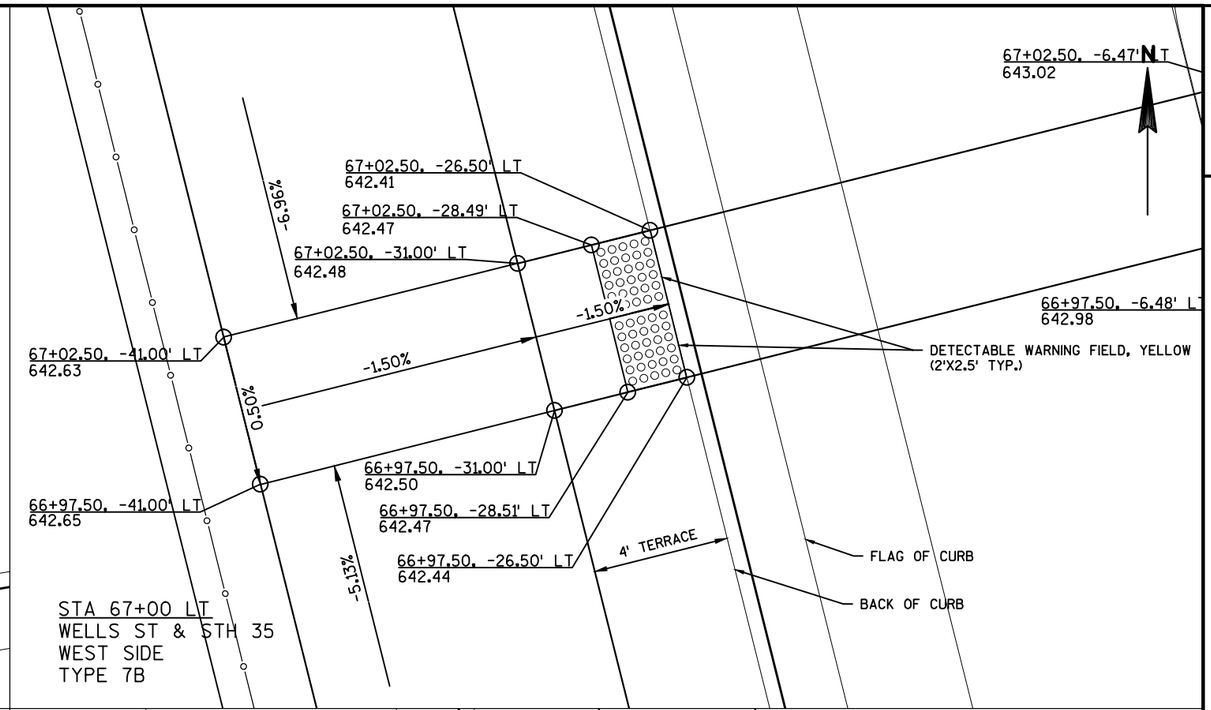




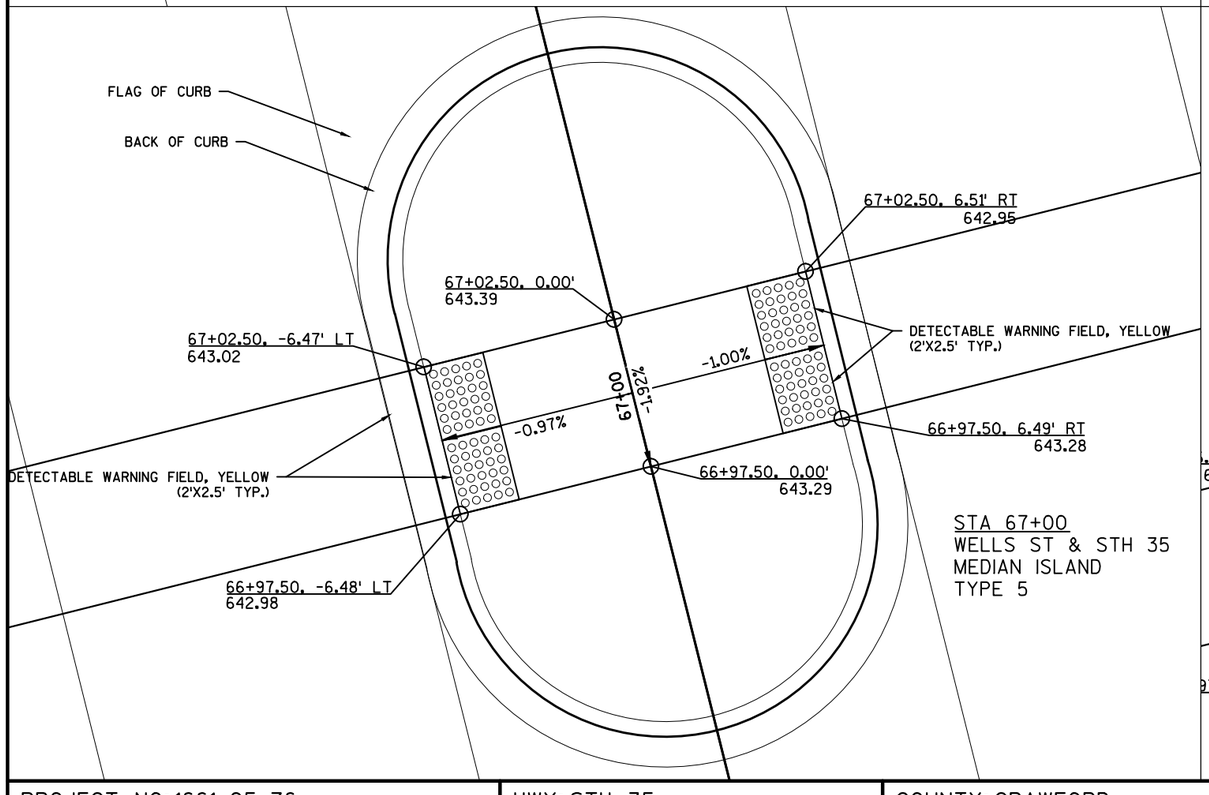
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 37	E



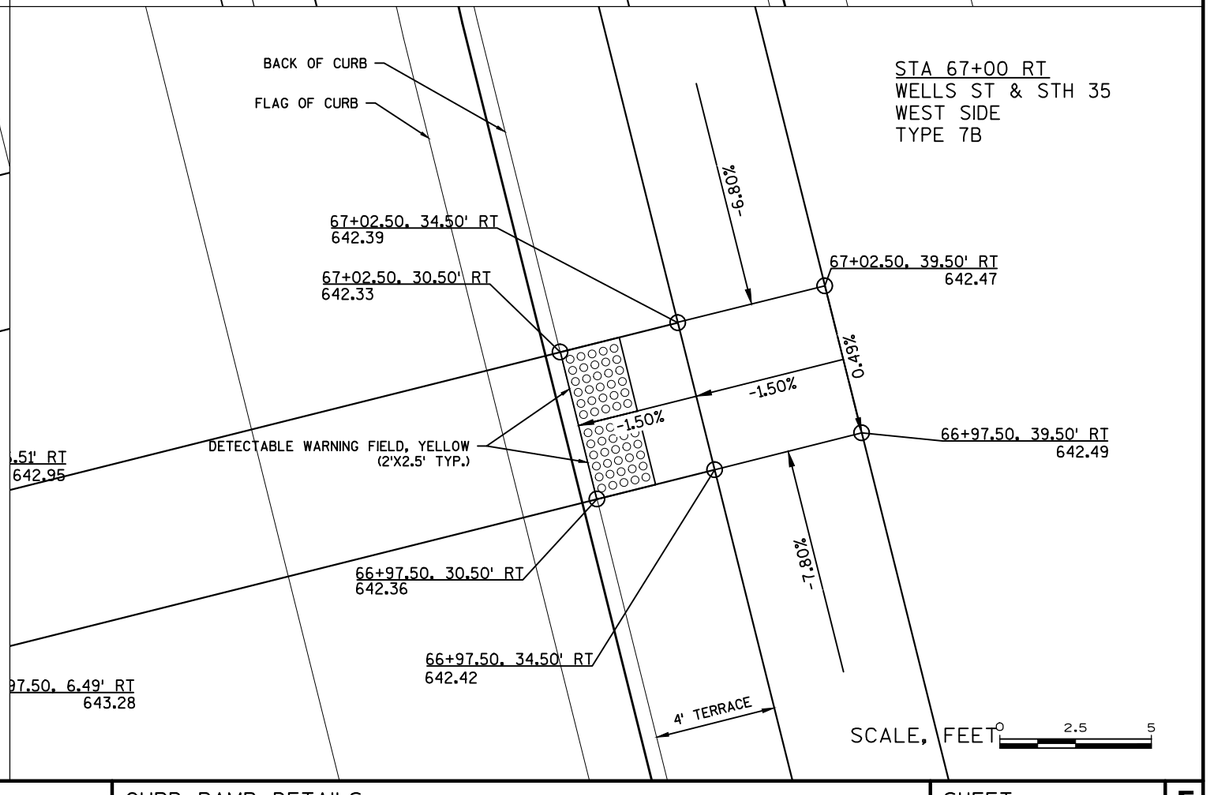
STA 64+18 RT
BROADWAY ST & STH 35
NE QUADRANT
TYPE 4B1



STA 67+00 LT
WELLS ST & STH 35
WEST SIDE
TYPE 7B

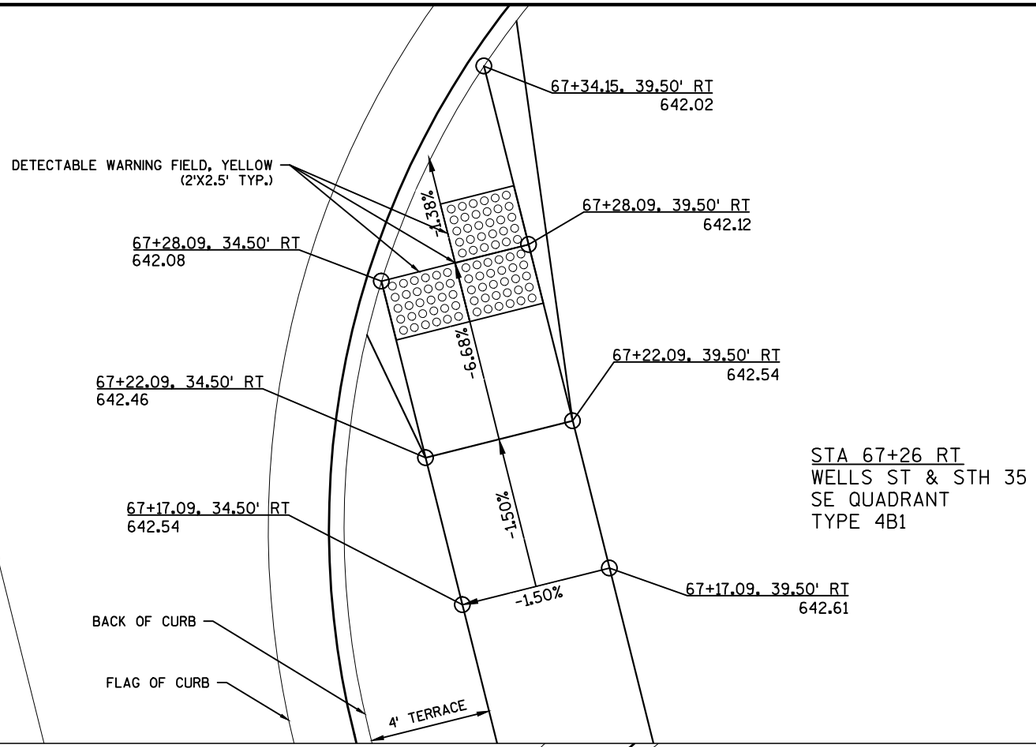


STA 67+00
WELLS ST & STH 35
MEDIAN ISLAND
TYPE 5

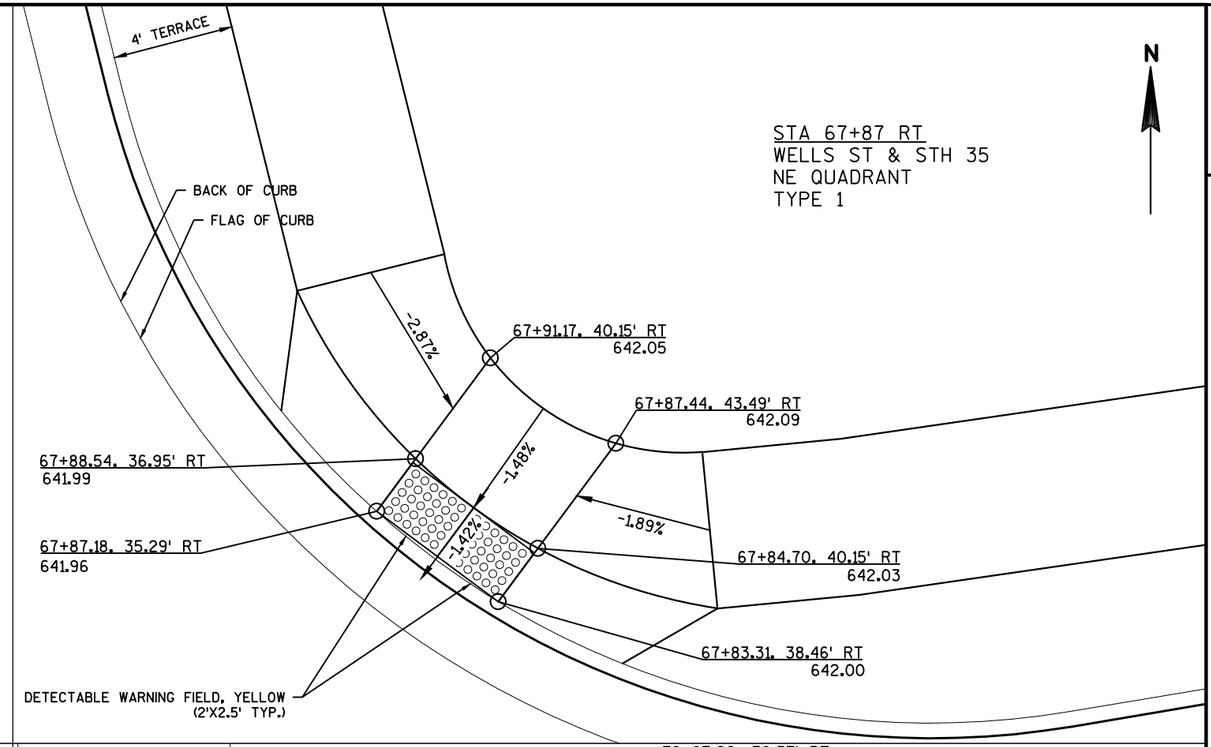


STA 67+00 RT
WELLS ST & STH 35
WEST SIDE
TYPE 7B

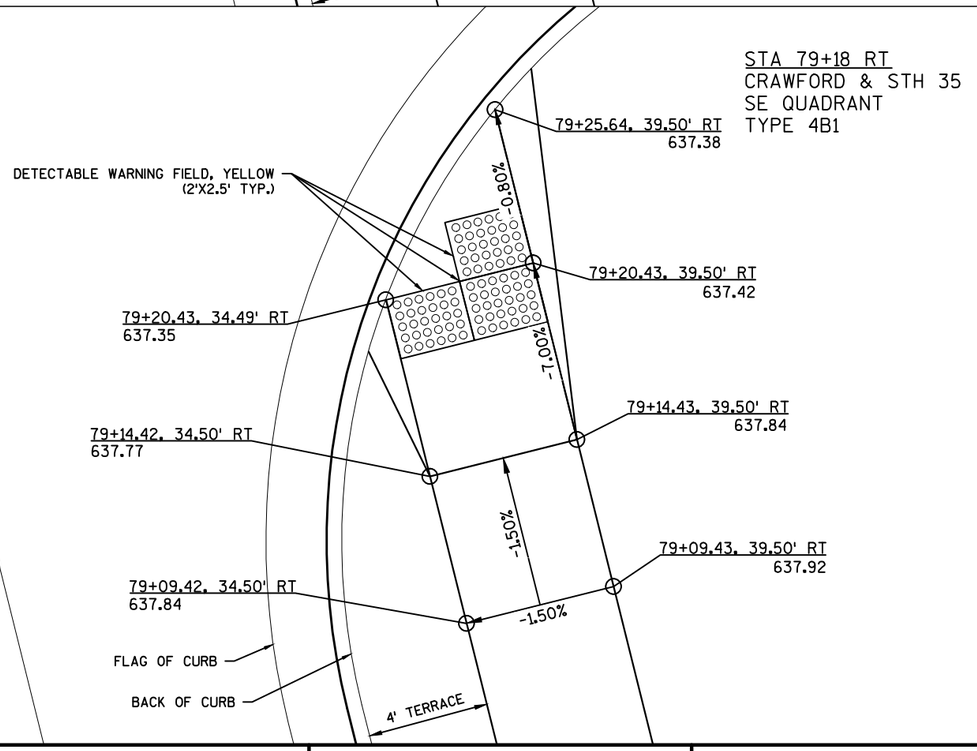
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 38	E



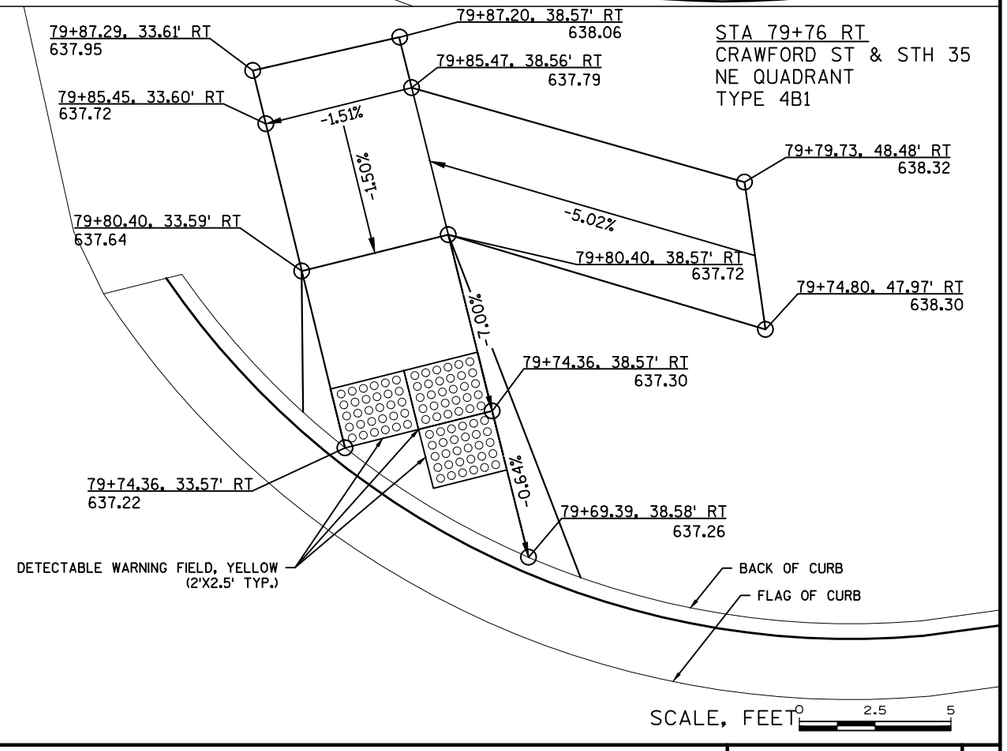
STA 67+26 RT
WELLS ST & STH 35
SE QUADRANT
TYPE 4B1



STA 67+87 RT
WELLS ST & STH 35
NE QUADRANT
TYPE 1

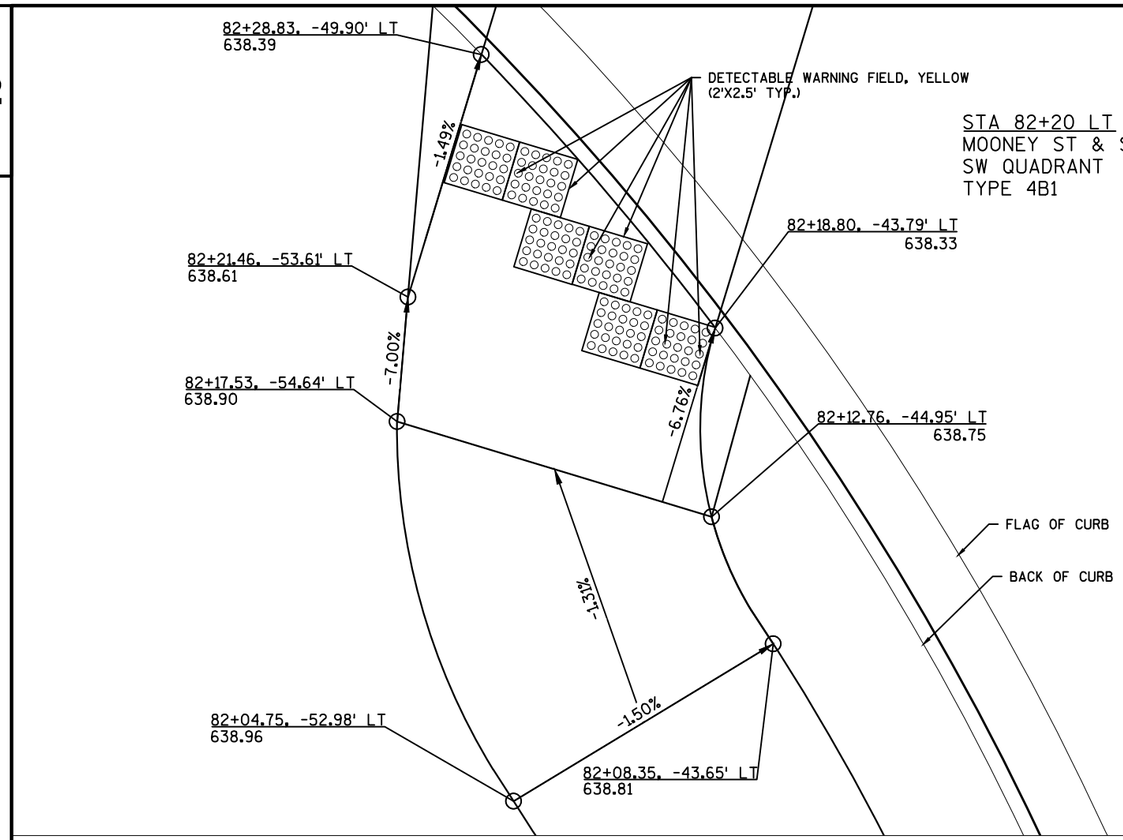


STA 79+18 RT
CRAWFORD & STH 35
SE QUADRANT
TYPE 4B1

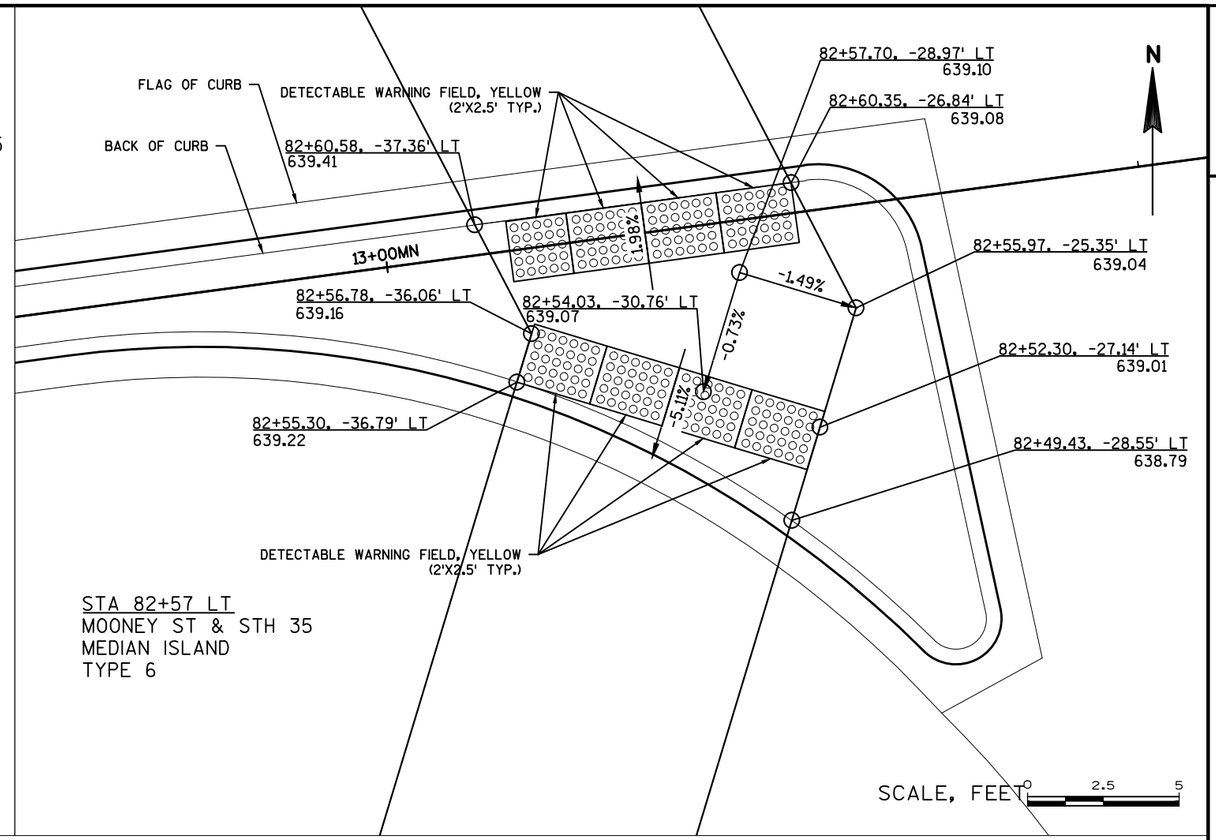


STA 79+76 RT
CRAWFORD ST & STH 35
NE QUADRANT
TYPE 4B1

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 39	E



STA 82+20 LT
MOONEY ST & STH 35
SW QUADRANT
TYPE 4B1



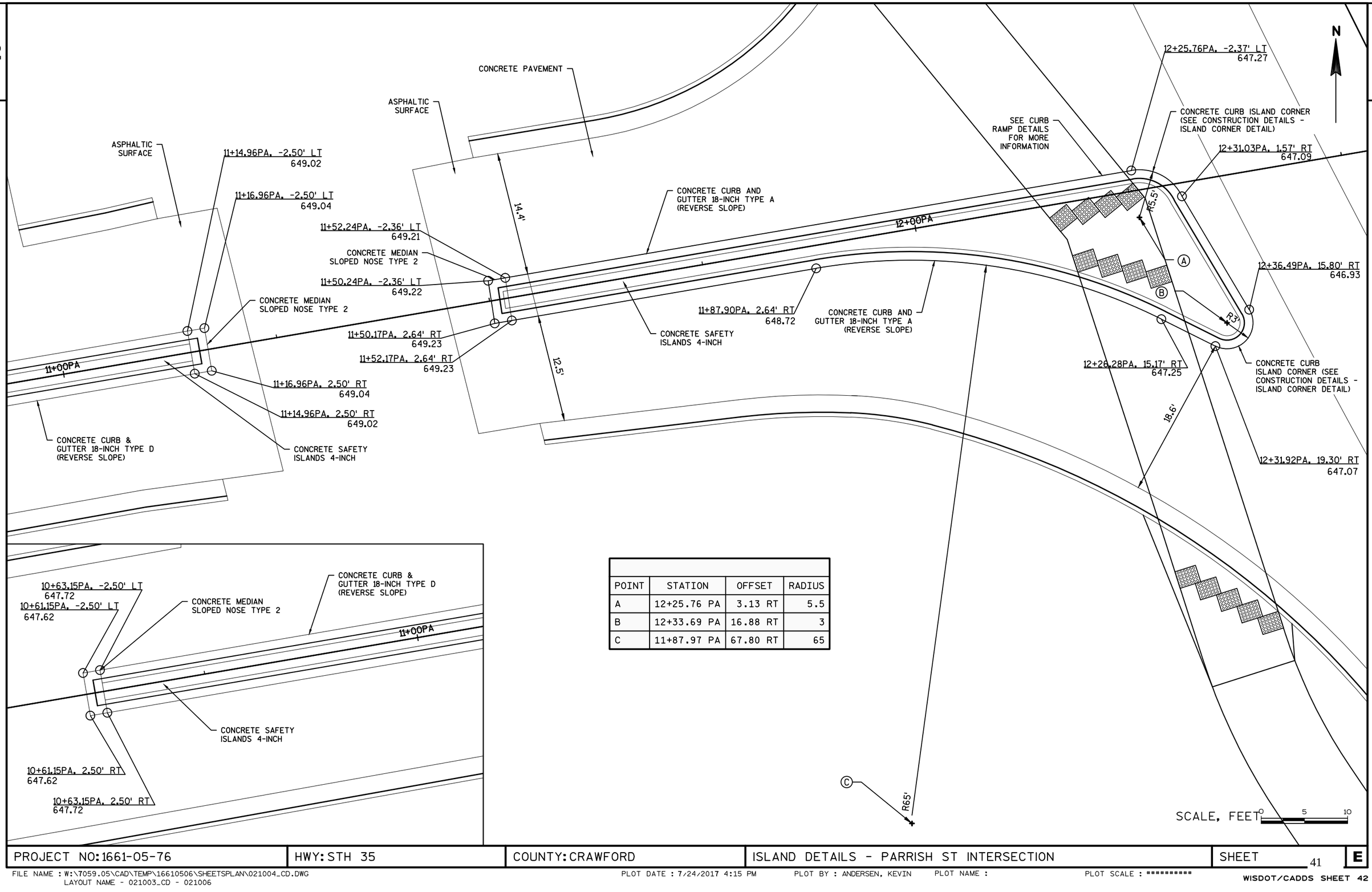
STA 82+57 LT
MOONEY ST & STH 35
MEDIAN ISLAND
TYPE 6

2

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CURB RAMP DETAILS	SHEET 40	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021003_CD.DWG
LAYOUT NAME - 021003_CD - 021010
PLOT DATE : 7/24/2017 4:10 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

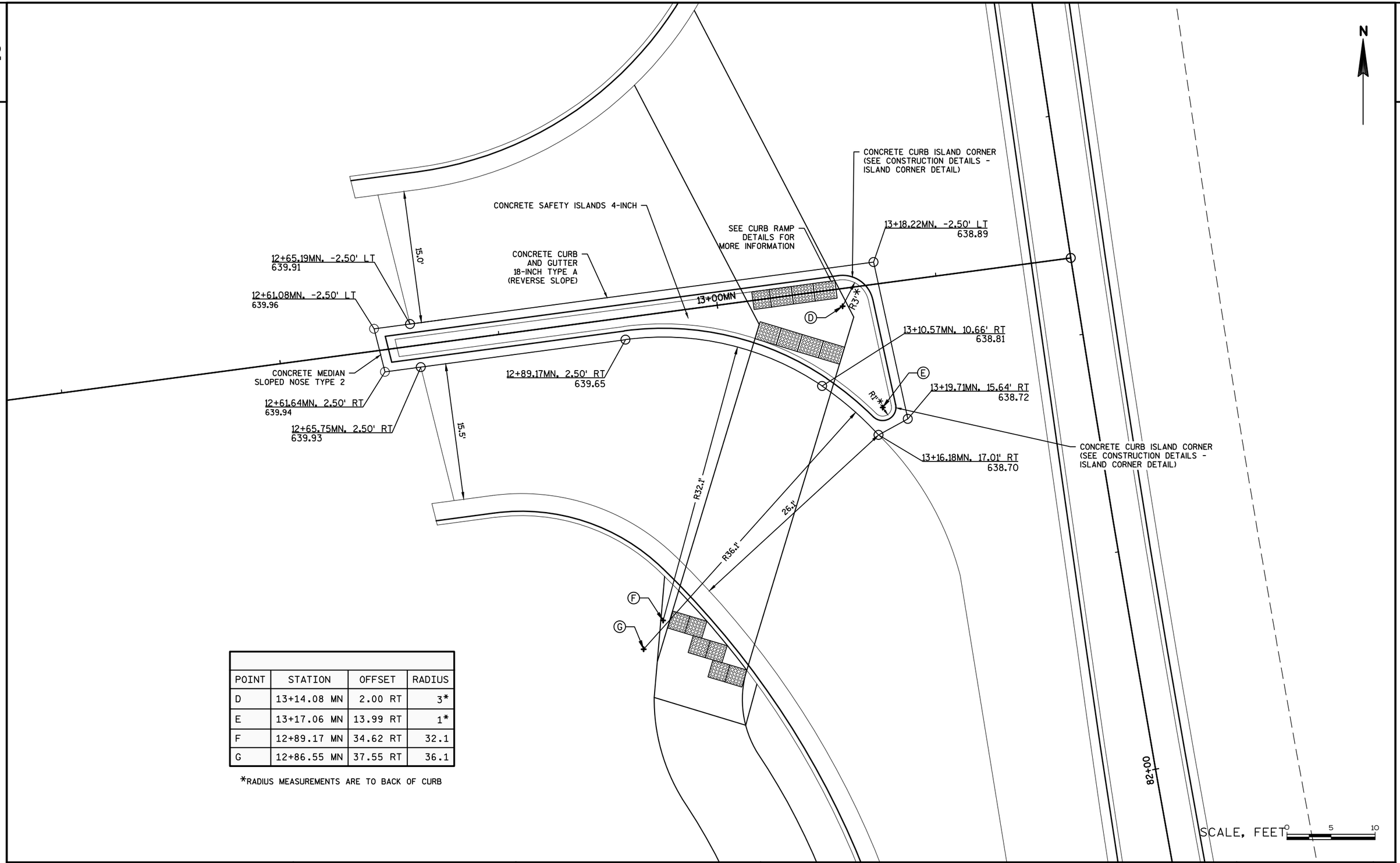


POINT	STATION	OFFSET	RADIUS
A	12+25.76 PA	3.13 RT	5.5
B	12+33.69 PA	16.88 RT	3
C	11+87.97 PA	67.80 RT	65

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ISLAND DETAILS - PARRISH ST INTERSECTION	SHEET 41	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021004_CD.DWG
LAYOUT NAME - 021003_CD - 021006
PLOT DATE : 7/24/2017 4:15 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



POINT	STATION	OFFSET	RADIUS
D	13+14.08 MN	2.00 RT	3*
E	13+17.06 MN	13.99 RT	1*
F	12+89.17 MN	34.62 RT	32.1
G	12+86.55 MN	37.55 RT	36.1

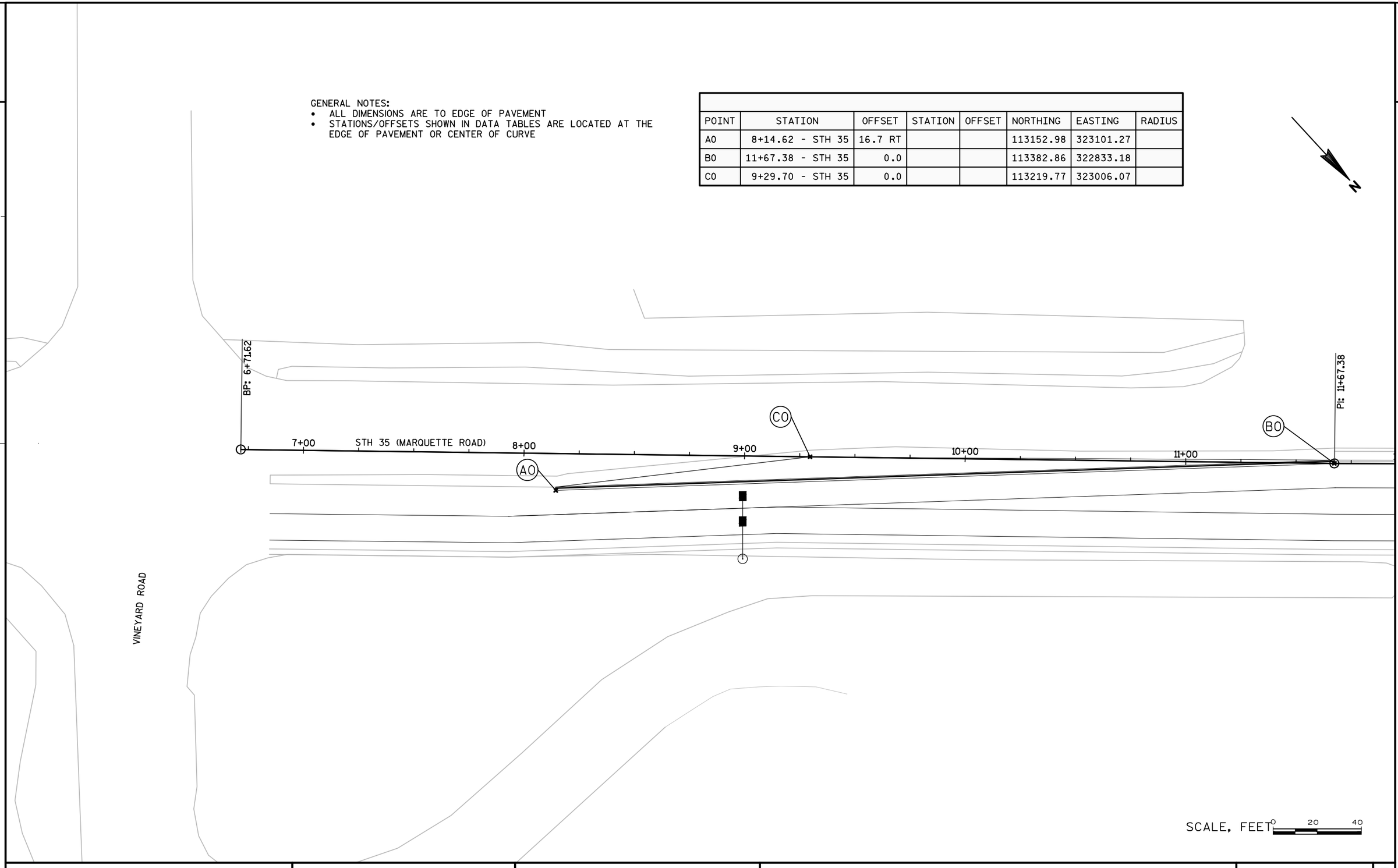
*RADIUS MEASUREMENTS ARE TO BACK OF CURB

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ISLAND DETAILS - MOONEY ST INTERSECTION	SHEET 42	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021004_CD.DWG
LAYOUT NAME - 021003_CD - 021006
PLOT DATE : 7/24/2017 4:15 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE

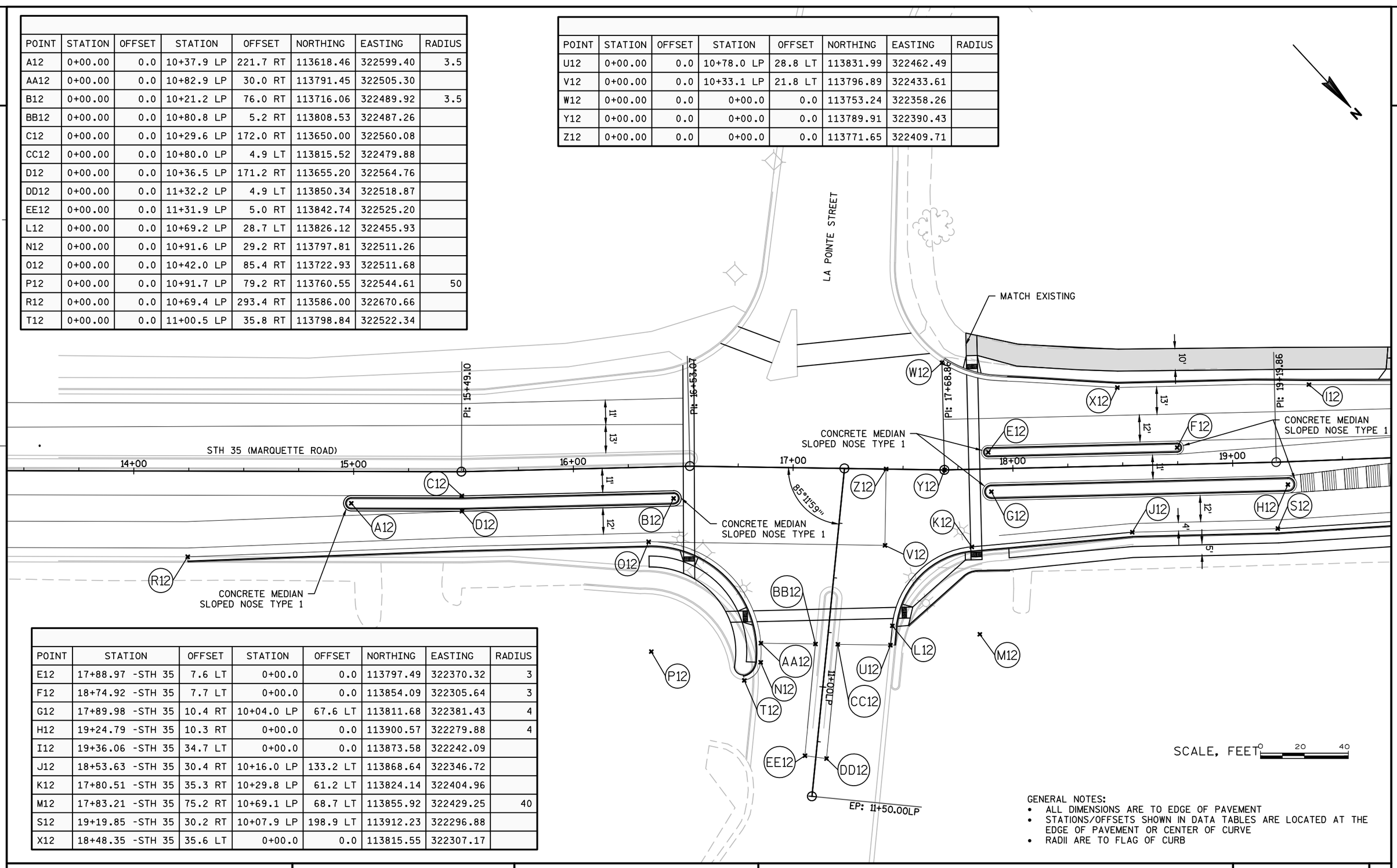
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A0	8+14.62 - STH 35	16.7 RT			113152.98	323101.27	
B0	11+67.38 - STH 35	0.0			113382.86	322833.18	
C0	9+29.70 - STH 35	0.0			113219.77	323006.07	



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: VINEYARD ROAD	SHEET 43	E

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A12	0+00.00	0.0	10+37.9 LP	221.7 RT	113618.46	322599.40	3.5
AA12	0+00.00	0.0	10+82.9 LP	30.0 RT	113791.45	322505.30	
B12	0+00.00	0.0	10+21.2 LP	76.0 RT	113716.06	322489.92	3.5
BB12	0+00.00	0.0	10+80.8 LP	5.2 RT	113808.53	322487.26	
C12	0+00.00	0.0	10+29.6 LP	172.0 RT	113650.00	322560.08	
CC12	0+00.00	0.0	10+80.0 LP	4.9 LT	113815.52	322479.88	
D12	0+00.00	0.0	10+36.5 LP	171.2 RT	113655.20	322564.76	
DD12	0+00.00	0.0	11+32.2 LP	4.9 LT	113850.34	322518.87	
EE12	0+00.00	0.0	11+31.9 LP	5.0 RT	113842.74	322525.20	
L12	0+00.00	0.0	10+69.2 LP	28.7 LT	113826.12	322455.93	
N12	0+00.00	0.0	10+91.6 LP	29.2 RT	113797.81	322511.26	
O12	0+00.00	0.0	10+42.0 LP	85.4 RT	113722.93	322511.68	
P12	0+00.00	0.0	10+91.7 LP	79.2 RT	113760.55	322544.61	50
R12	0+00.00	0.0	10+69.4 LP	293.4 RT	113586.00	322670.66	
T12	0+00.00	0.0	11+00.5 LP	35.8 RT	113798.84	322522.34	

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
U12	0+00.00	0.0	10+78.0 LP	28.8 LT	113831.99	322462.49	
V12	0+00.00	0.0	10+33.1 LP	21.8 LT	113796.89	322433.61	
W12	0+00.00	0.0	0+00.0	0.0	113753.24	322358.26	
Y12	0+00.00	0.0	0+00.0	0.0	113789.91	322390.43	
Z12	0+00.00	0.0	0+00.0	0.0	113771.65	322409.71	

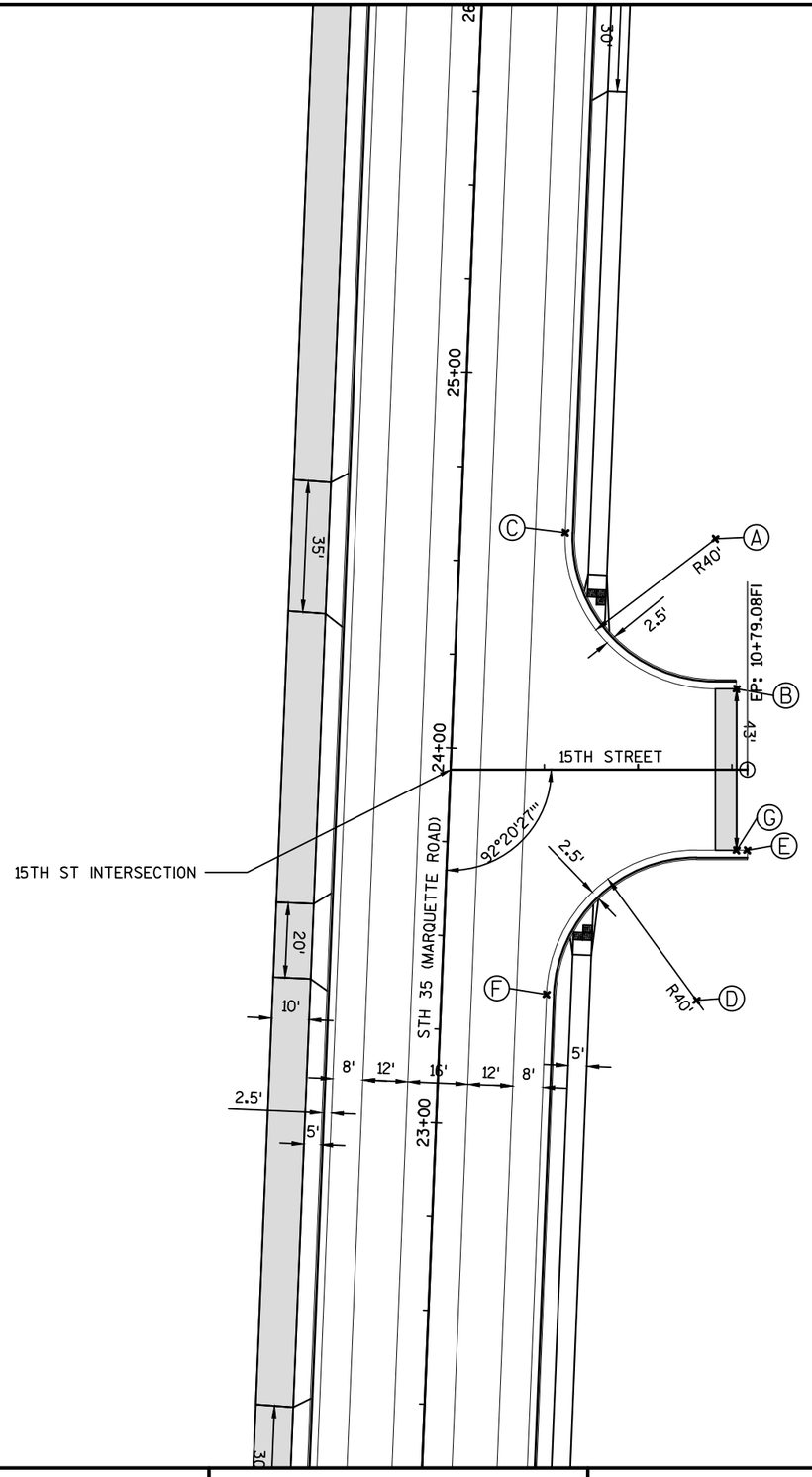


POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
E12	17+88.97 -STH 35	7.6 LT	0+00.0	0.0	113797.49	322370.32	3
F12	18+74.92 -STH 35	7.7 LT	0+00.0	0.0	113854.09	322305.64	3
G12	17+89.98 -STH 35	10.4 RT	10+04.0 LP	67.6 LT	113811.68	322381.43	4
H12	19+24.79 -STH 35	10.3 RT	0+00.0	0.0	113900.57	322279.88	4
I12	19+36.06 -STH 35	34.7 LT	0+00.0	0.0	113873.58	322242.09	
J12	18+53.63 -STH 35	30.4 RT	10+16.0 LP	133.2 LT	113868.64	322346.72	
K12	17+80.51 -STH 35	35.3 RT	10+29.8 LP	61.2 LT	113824.14	322404.96	
M12	17+83.21 -STH 35	75.2 RT	10+69.1 LP	68.7 LT	113855.92	322429.25	40
S12	19+19.85 -STH 35	30.2 RT	10+07.9 LP	198.9 LT	113912.23	322296.88	
X12	18+48.35 -STH 35	35.6 LT	0+00.0	0.0	113815.55	322307.17	

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: LA POINTE STREET	SHEET 44	E

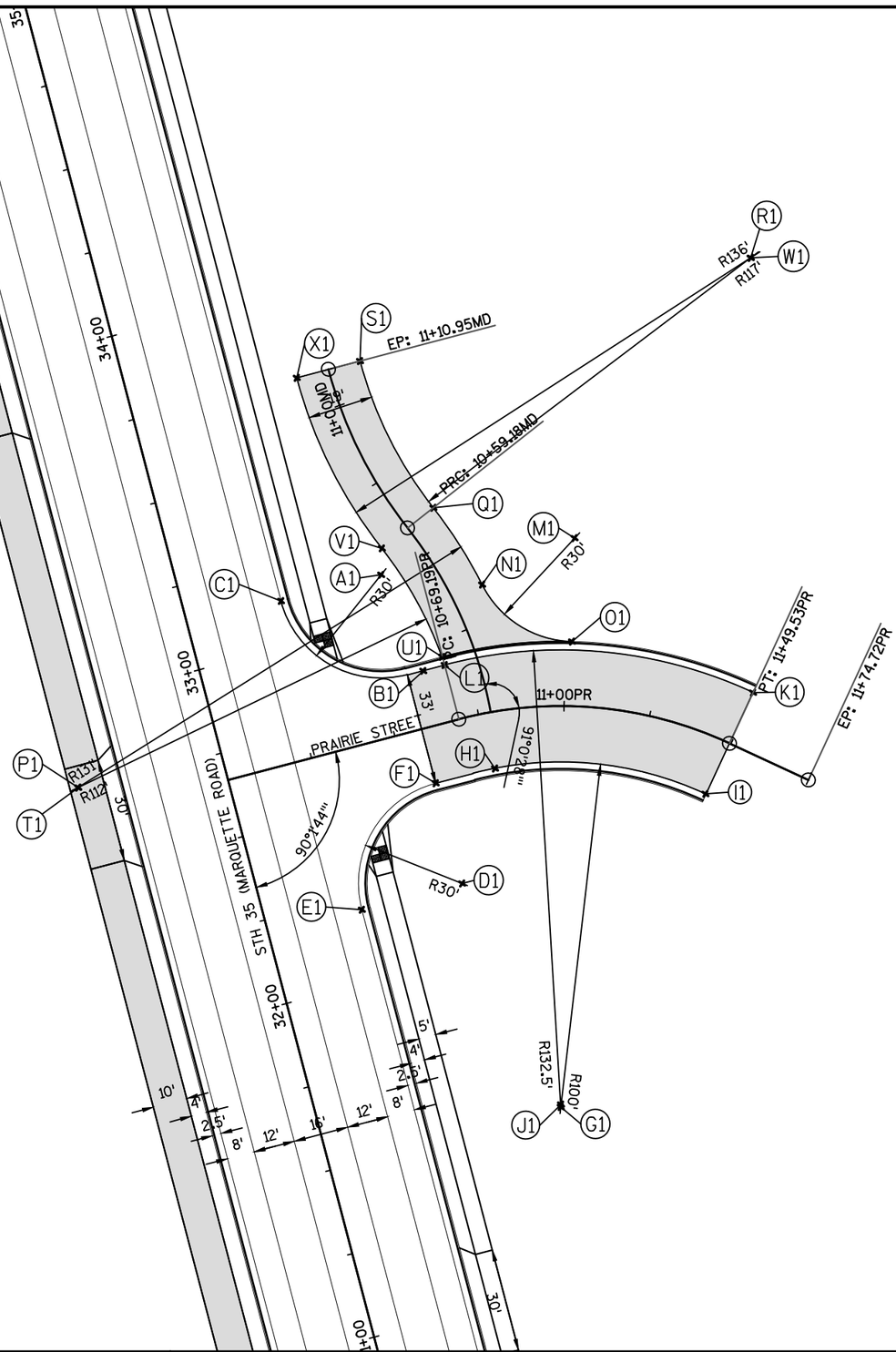
2



GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A	24+58.55 -STH 35	68.0 RT	10+70.6 -15th St.	61.5 LT	114293.14	321914.37	40
B	24+18.81 -STH 35	75.3 RT	10+76.2 -15th St.	21.5 LT	114272.45	321949.07	
C	24+58.55 -STH 35	28.0 RT	10+30.6 -15th St.	63.1 LT	114263.04	321888.02	
D	23+35.45 -STH 35	68.0 RT	10+65.5 -15th St.	61.5 RT	114212.05	322006.99	40
E	23+75.97 -STH 35	79.9 RT	10+79.1 -15th St.	21.5 RT	114247.69	321984.34	
F	23+35.45 -STH 35	28.0 RT	10+25.6 -15th St.	59.9 RT	114181.95	321980.64	
G	23+75.85 -STH 35	77.0 RT	10+76.2 -15th St.	21.5 RT	114245.47	321982.55	

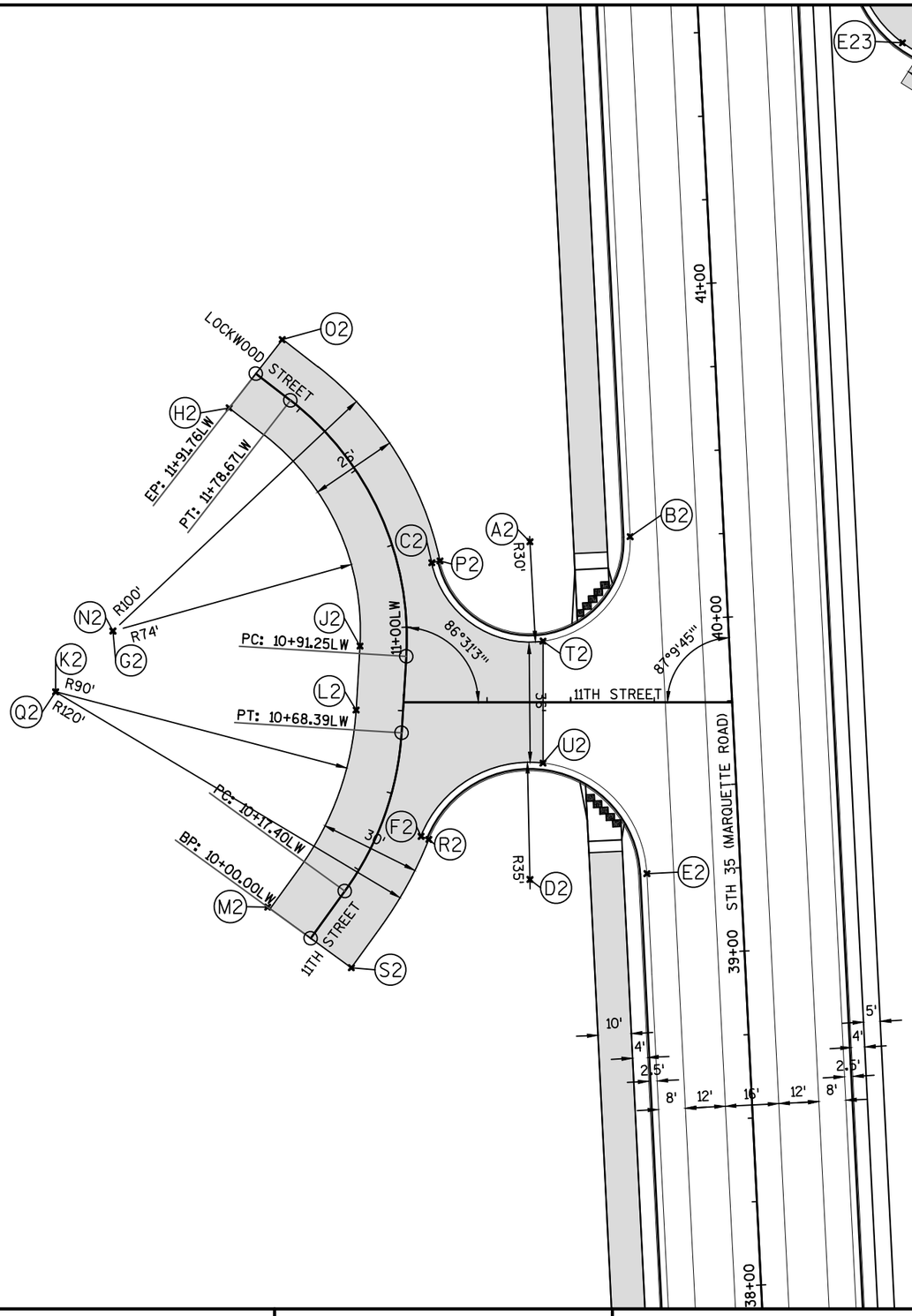


GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A1	33+13.28 -STH 35	58.0 RT	10+58.0 - PRAIRIE ST	46.3 LT	114848.65	321264.70	30
B1	32+83.22 -STH 35	62.7 RT	10+62.8 - PRAIRIE ST	16.2 LT	114832.42	321290.45	
C1	33+13.28 -STH 35	28.0 RT	10+28.0 - PRAIRIE ST	46.3 LT	114826.08	321244.94	
D1	32+20.78 -STH 35	58.0 RT	10+58.0 - PRAIRIE ST	46.3 RT	114787.72	321334.30	
E1	32+20.78 -STH 35	28.0 RT	10+28.0 - PRAIRIE ST	46.2 RT	114765.14	321314.54	30
F1	32+50.78 -STH 35	58.0 RT	10+58.0 - PRAIRIE ST	16.3 RT	114807.47	321311.72	
G1	31+50.78 -STH 35	69.2 RT	11+49.5 - PRAIRIE ST	116.2 RT	114750.07	321394.37	100
H1	32+50.57 -STH 35	75.7 RT	10+76.8 - PRAIRIE ST	16.2 RT	114820.67	321323.55	
I1	32+27.99 -STH 35	132.8 RT	11+49.3 - PRAIRIE ST	16.2 RT	114848.75	321378.14	
J1	31+51.50 -STH 35	69.5 RT	11+09.8 - PRAIRIE ST	115.5 RT	114750.75	321394.00	132.5
K1	32+52.89 -STH 35	153.6 RT	11+49.5 - PRAIRIE ST	16.2 LT	114880.81	321373.13	
L1	32+83.28 -STH 35	69.2 RT	10+69.2 - PRAIRIE ST	16.2 LT	114837.30	321294.64	

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
M1	33+09.32 -STH 35	115.0 RT	11+01.9 - PRAIRIE ST	48.8 LT	114888.90	321305.19	30
N1	33+03.09 -STH 35	85.6 RT	10+81.7 - PRAIRIE ST	36.9 LT	114862.71	321290.55	
O1	32+80.50 -STH 35	106.6 RT	11+01.9 - PRAIRIE ST	18.8 LT	114863.66	321321.41	
P1	32+75.88 -STH 35	42.6 LT	0+00.0	0.0	114748.34	321226.59	131
Q1	33+28.22 -STH 35	77.6 RT	10+74.7 - PRAIRIE ST	61.4 LT	114873.21	321266.34	
R1	33+75.00 -STH 35	184.9 RT	11+24.6 - PRAIRIE ST	136.0 LT	114984.79	321301.86	136
S1	33+74.77 -STH 35	67.8 RT	10+67.9 - PRAIRIE ST	107.7 LT	114896.54	321224.90	
T1	32+75.88 -STH 35	42.6 LT	0+00.0	0.0	114748.34	321226.59	112
U1	32+85.78 -STH 35	69.0 RT	10+69.0 - PRAIRIE ST	18.7 LT	114838.83	321292.65	
V1	33+20.63 -STH 35	60.1 RT	10+60.2 - PRAIRIE ST	53.6 LT	114855.10	321260.58	
W1	33+75.00 -STH 35	184.9 RT	11+24.6 - PRAIRIE ST	136.0 LT	114984.79	321301.86	117
X1	33+74.74 -STH 35	48.8 RT	10+48.9 - PRAIRIE ST	107.7 LT	114882.22	321212.41	



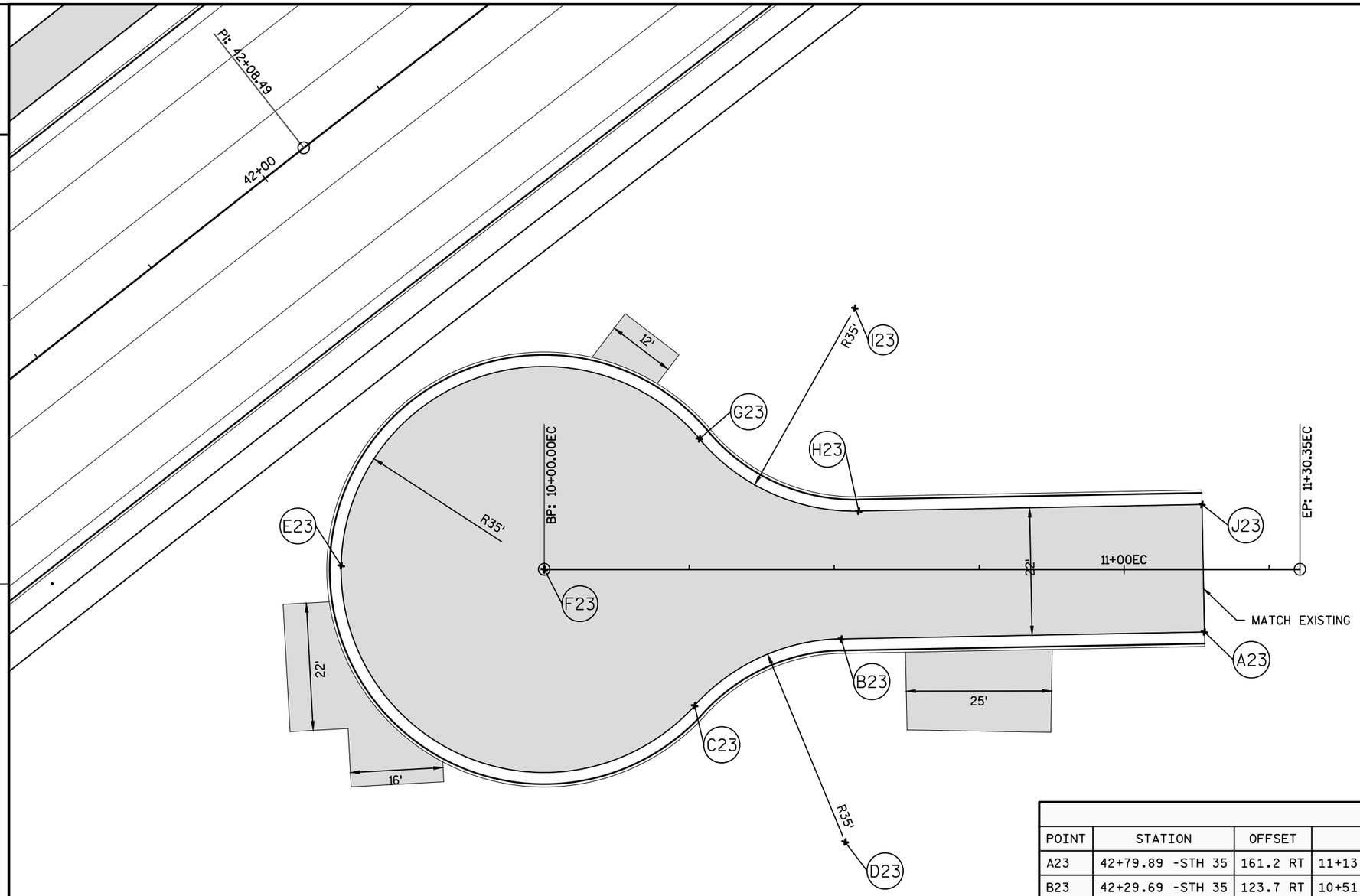
GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A2	40+25.46 -STH 35	58.0 LT	10+37.8 -11th St	48.0 LT	115230.51	320652.46	30
B2	40+25.46 -STH 35	28.0 LT	10+67.8 -11th St	49.5 LT	115253.08	320672.22	
C2	40+20.63 -STH 35	87.6 LT	10+08.5 -11th St	41.7 LT	115205.05	320636.58	
D2	39+24.58 -STH 35	63.0 LT	10+37.8 -11th St	53.0 RT	115160.30	320725.06	35
E2	39+24.58 -STH 35	28.0 LT	10+72.8 -11th St	51.3 RT	115186.63	320748.12	
F2	39+39.05 -STH 35	94.9 LT	10+05.3 -11th St	40.1 RT	115145.85	320693.18	
T2	39+95.56 -STH 35	55.6 LT	10+41.7 -11th St	18.3 LT	115212.63	320676.55	
U2	39+59.13 -STH 35	57.4 LT	10+41.7 -11th St	18.2 RT	115187.28	320702.77	

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
G2	40+04.95 -STH 35	183.8 LT	11+67.6 Lockwood St.	87.0 LT	115122.32	320585.00	74
H2	40+69.85 -STH 35	145.8 LT	11+91.8 Lockwood St.	13.0 LT	115193.67	320561.20	
J2	39+96.80 -STH 35	110.3 LT	10+93.9 Lockwood St.	14.0 LT	115172.29	320639.57	
K2	39+87.64 -STH 35	201.9 LT	10+74.3 Lockwood St.	104.0 LT	115097.36	320586.15	90
L2	39+77.73 -STH 35	112.4 LT	10+74.3 Lockwood St.	14.0 LT	115158.14	320652.53	
M2	39+20.21 -STH 35	141.7 LT	10+00.0 Lockwood St.	15.9 LT	115098.19	320676.50	
N2	40+04.95 -STH 35	183.8 LT	11+67.6 Lockwood St.	87.0 LT	115122.32	320585.00	100
O2	40+89.48 -STH 35	129.0 LT	11+91.8 Lockwood St.	12.9 RT	115219.29	320557.55	
P2	40+21.04 -STH 35	85.1 LT	11+17.2 Lockwood St.	12.5 RT	115207.17	320637.91	
Q2	39+87.64 -STH 35	201.9 LT	10+74.3 Lockwood St.	104.0 LT	115097.36	320586.15	120
R2	39+38.02 -STH 35	92.6 LT	10+41.1 Lockwood St.	14.9 RT	115146.88	320695.46	
S2	39+00.86 -STH 35	117.6 LT	10+00.0 Lockwood St.	15.0 RT	115103.56	320706.92	

2



POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A23	42+79.89 -STH 35	161.2 RT	11+13.9 11th St CDS	10.8 RT	115562.70	320606.55	
B23	42+29.69 -STH 35	123.7 RT	10+51.2 11th St CDS	12.0 RT	115501.35	320619.23	
C23	42+01.90 -STH 35	117.3 RT	10+25.9 11th St CDS	23.5 RT	115478.62	320635.17	
D23	42+07.75 -STH 35	151.8 RT	10+51.9 11th St CDS	47.0 RT	115508.43	320653.51	35
E23	41+68.95 -STH 35	60.6 RT	0+00.0	0.0	115414.28	320622.64	
F23	41+96.05 -STH 35	82.8 RT	0+00.0	0.0	115448.80	320616.84	
G23	42+31.57 -STH 35	81.5 RT	10+26.8 11th St CDS	22.5 LT	115470.99	320589.78	
H23	42+45.61 -STH 35	108.2 RT	10+54.2 11th St CDS	10.1 LT	115500.27	320596.99	
I23	42+66.55 -STH 35	80.1 RT	10+53.6 11th St CDS	45.1 LT	115493.18	320562.71	35
J23	42+93.05 -STH 35	143.6 RT	11+13.4 11th St CDS	11.2 LT	115558.25	320585.01	

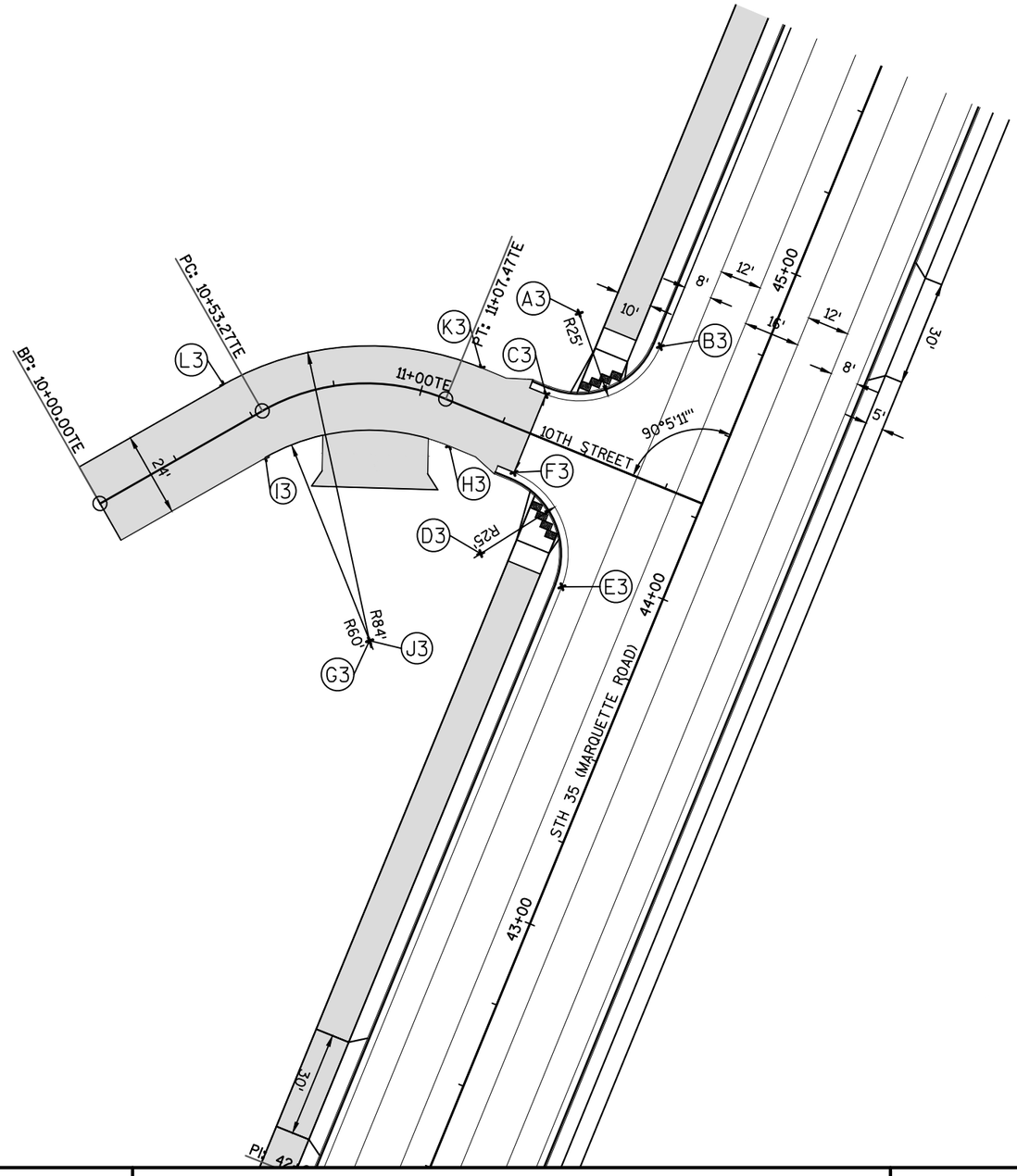
GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 10 20

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: 11TH ST CUL-DE-SAC	SHEET 48	E

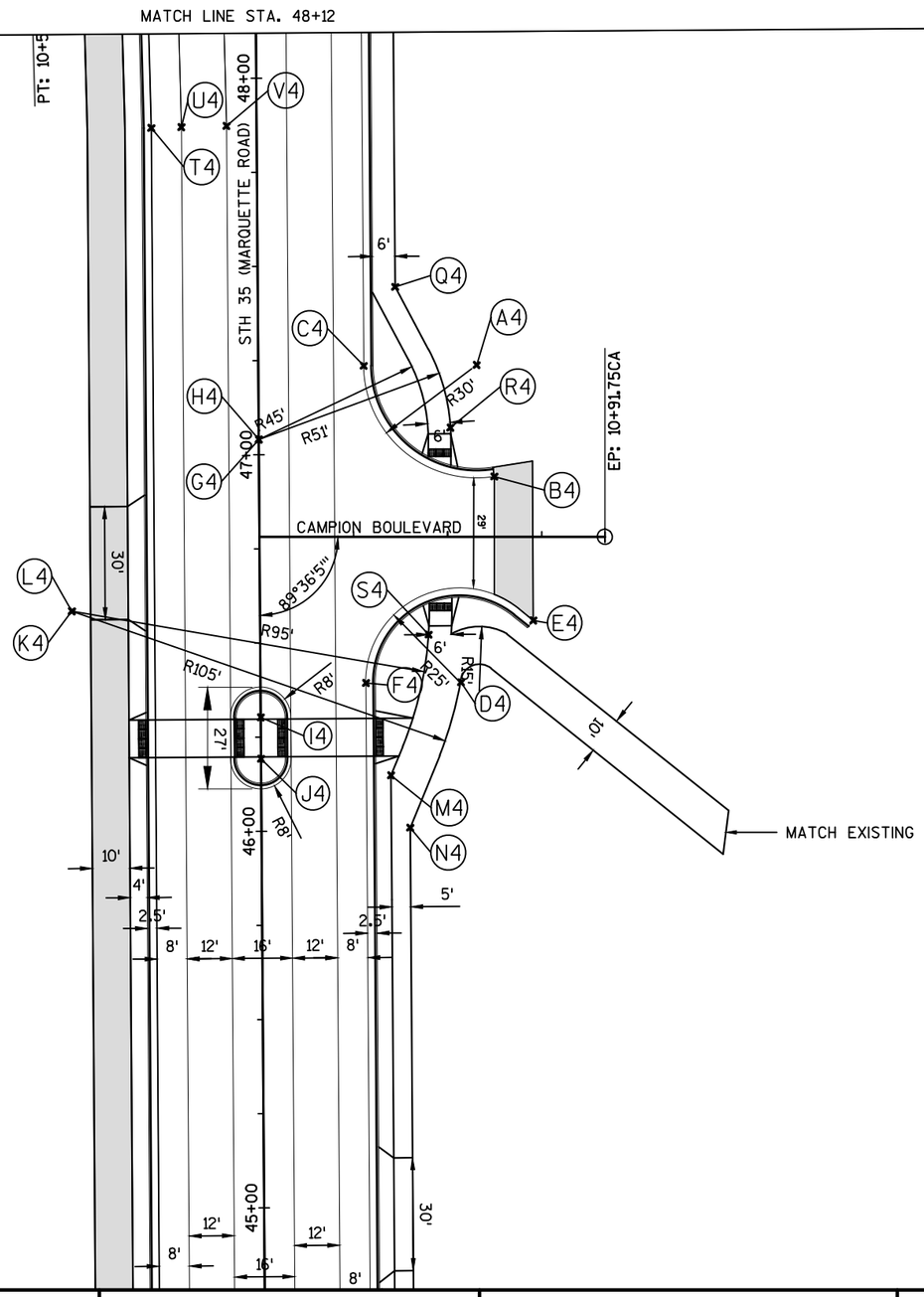
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A3	44+66.38 -STH 35	53.0 LT	11+33.4 10th St	37.0 LT	115526.23	320324.87	25
B3	44+66.38 -STH 35	28.0 LT	11+58.4 10th St	36.9 LT	115544.93	320341.47	
C3	44+41.38 -STH 35	53.0 LT	11+33.4 10th St	12.0 LT	115509.64	320343.57	
D3	43+92.38 -STH 35	53.0 LT	11+33.3 10th St	37.0 RT	115477.12	320380.23	25
E3	43+92.38 -STH 35	28.0 LT	11+58.3 10th St	37.1 RT	115495.82	320396.82	
F3	44+17.38 -STH 35	53.0 LT	11+33.4 10th St	12.0 RT	115493.71	320361.53	
G3	43+57.38 -STH 35	72.9 LT	11+13.4 10th St	72.0 RT	115439.01	320393.20	
H3	44+17.38 -STH 35	72.9 LT	11+13.4 10th St	12.0 RT	115478.83	320348.32	60
I3	43+94.36 -STH 35	120.1 LT	10+47.4 10th St	12.0 RT	115428.21	320334.18	
J3	43+57.38 -STH 35	72.9 LT	11+13.4 10th St	72.0 RT	115439.01	320393.20	84
K3	44+41.38 -STH 35	72.9 LT	11+13.5 10th St	12.0 LT	115494.76	320330.37	
L3	44+09.16 -STH 35	139.0 LT	10+47.4 10th St	12.0 LT	115423.89	320310.57	

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB



SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: 10TH STREET	SHEET 49	E



GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

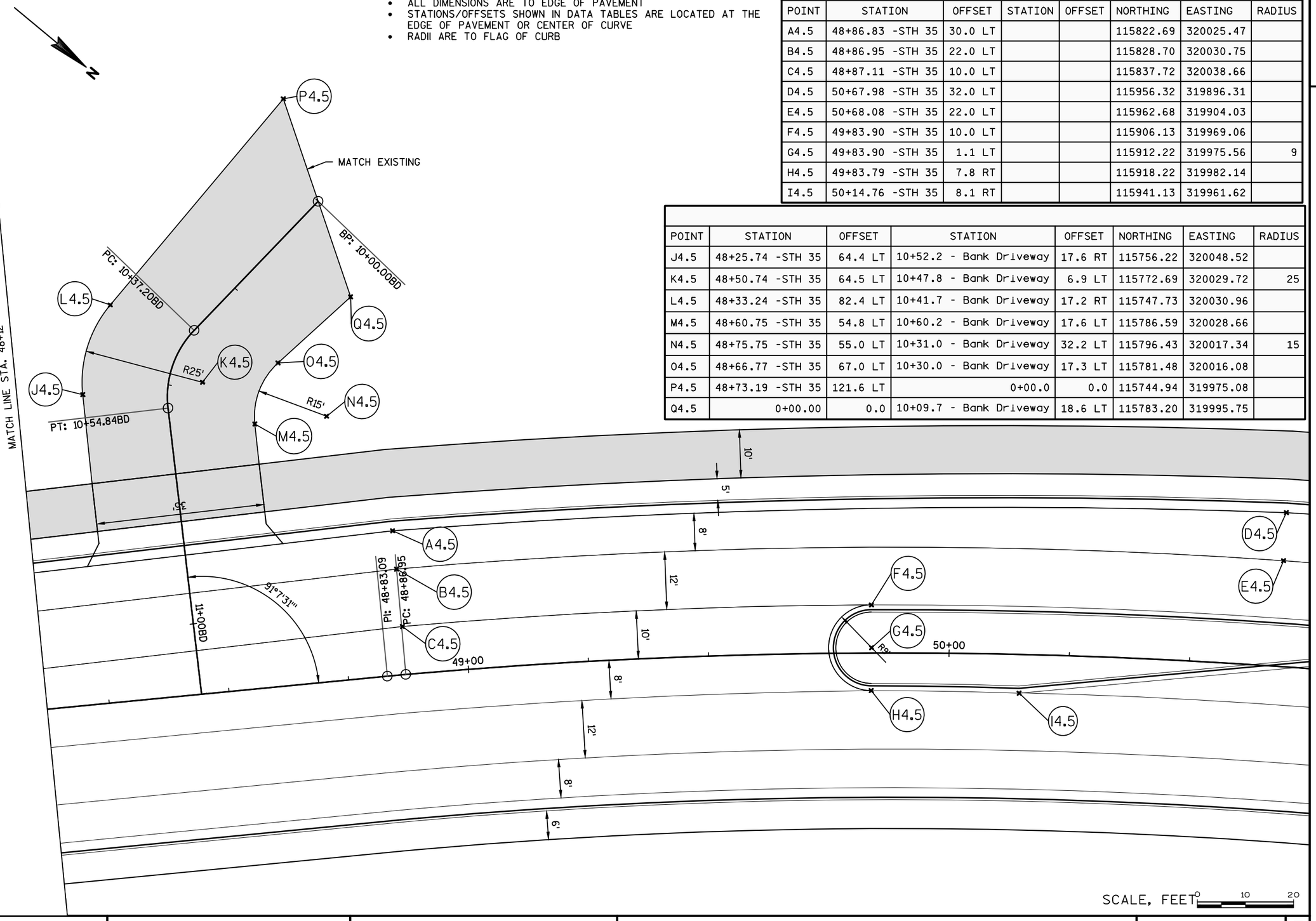
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A4	47+23.47 -STH 35	58.0 RT	10+57.7 - Campion Blvd	45.7 LT	115779.89	320206.24	30
B4	46+93.80 -STH 35	62.5 RT	10+62.4 - Campion Blvd	16.0 LT	115763.55	320231.41	
C4	47+23.47 -STH 35	28.0 RT	10+27.7 - Campion Blvd	45.5 LT	115757.45	320186.33	
D4	46+39.23 -STH 35	53.3 RT	10+53.5 - Campion Blvd	38.6 RT	115720.43	320266.11	25
E4	46+55.50 -STH 35	72.6 RT	10+72.7 - Campion Blvd	22.2 RT	115745.69	320266.76	
F4	46+39.23 -STH 35	28.0 RT	10+28.3 - Campion Blvd	38.8 RT	115701.54	320249.35	
G4	47+04.09 -STH 35	0.0	0+00.0	0.0	115723.64	320182.25	51
H4	47+04.09 -STH 35	0.0	0+00.0	0.0	115723.64	320182.25	45
I4	46+30.28 -STH 35	0.0	10+00.3 - Campion Blvd	47.9 RT	115674.65	320237.46	8
J4	46+19.28 -STH 35	0.0	10+00.4 - Campion Blvd	58.9 RT	115667.35	320245.69	8
K4	46+58.81 -STH 35	50.0 LT	0+00.0	0.0	115656.19	320182.93	95
L4	46+58.81 -STH 35	50.0 LT	0+00.0	0.0	115656.19	320182.93	105
M4	46+14.65 -STH 35	34.5 RT	10+34.9 - Campion Blvd	63.3 RT	115690.08	320272.05	
N4	46+00.69 -STH 35	39.5 RT	10+40.0 - Campion Blvd	77.2 RT	115684.56	320285.80	
Q4	47+44.34 -STH 35	36.5 RT	10+36.0 - Campion Blvd	66.4 LT	115777.66	320176.36	
R4	47+06.87 -STH 35	50.9 RT	10+50.7 - Campion Blvd	29.0 LT	115763.58	320213.97	
S4	46+51.95 -STH 35	44.8 RT	10+44.9 - Campion Blvd	25.9 RT	115722.51	320250.95	
T4	47+87.00 -STH 35	28.0 LT	0+00.0	0.0	115757.72	320101.65	
U4	47+87.16 -STH 35	20.0 LT	0+00.0	0.0	115763.81	320106.84	
V4	47+87.39 -STH 35	8.0 LT	0+00.0	0.0	115772.94	320114.62	

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: CAMPION BOULEVARD	SHEET 50	E

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A4.5	48+86.83 -STH 35	30.0 LT			115822.69	320025.47	
B4.5	48+86.95 -STH 35	22.0 LT			115828.70	320030.75	
C4.5	48+87.11 -STH 35	10.0 LT			115837.72	320038.66	
D4.5	50+67.98 -STH 35	32.0 LT			115956.32	319896.31	
E4.5	50+68.08 -STH 35	22.0 LT			115962.68	319904.03	
F4.5	49+83.90 -STH 35	10.0 LT			115906.13	319969.06	
G4.5	49+83.90 -STH 35	1.1 LT			115912.22	319975.56	9
H4.5	49+83.79 -STH 35	7.8 RT			115918.22	319982.14	
I4.5	50+14.76 -STH 35	8.1 RT			115941.13	319961.62	

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
J4.5	48+25.74 -STH 35	64.4 LT	10+52.2 - Bank Driveway	17.6 RT	115756.22	320048.52	
K4.5	48+50.74 -STH 35	64.5 LT	10+47.8 - Bank Driveway	6.9 LT	115772.69	320029.72	25
L4.5	48+33.24 -STH 35	82.4 LT	10+41.7 - Bank Driveway	17.2 RT	115747.73	320030.96	
M4.5	48+60.75 -STH 35	54.8 LT	10+60.2 - Bank Driveway	17.6 LT	115786.59	320028.66	
N4.5	48+75.75 -STH 35	55.0 LT	10+31.0 - Bank Driveway	32.2 LT	115796.43	320017.34	15
O4.5	48+66.77 -STH 35	67.0 LT	10+30.0 - Bank Driveway	17.3 LT	115781.48	320016.08	
P4.5	48+73.19 -STH 35	121.6 LT	0+00.0	0.0	115744.94	319975.08	
Q4.5	0+00.00	0.0	10+09.7 - Bank Driveway	18.6 LT	115783.20	319995.75	

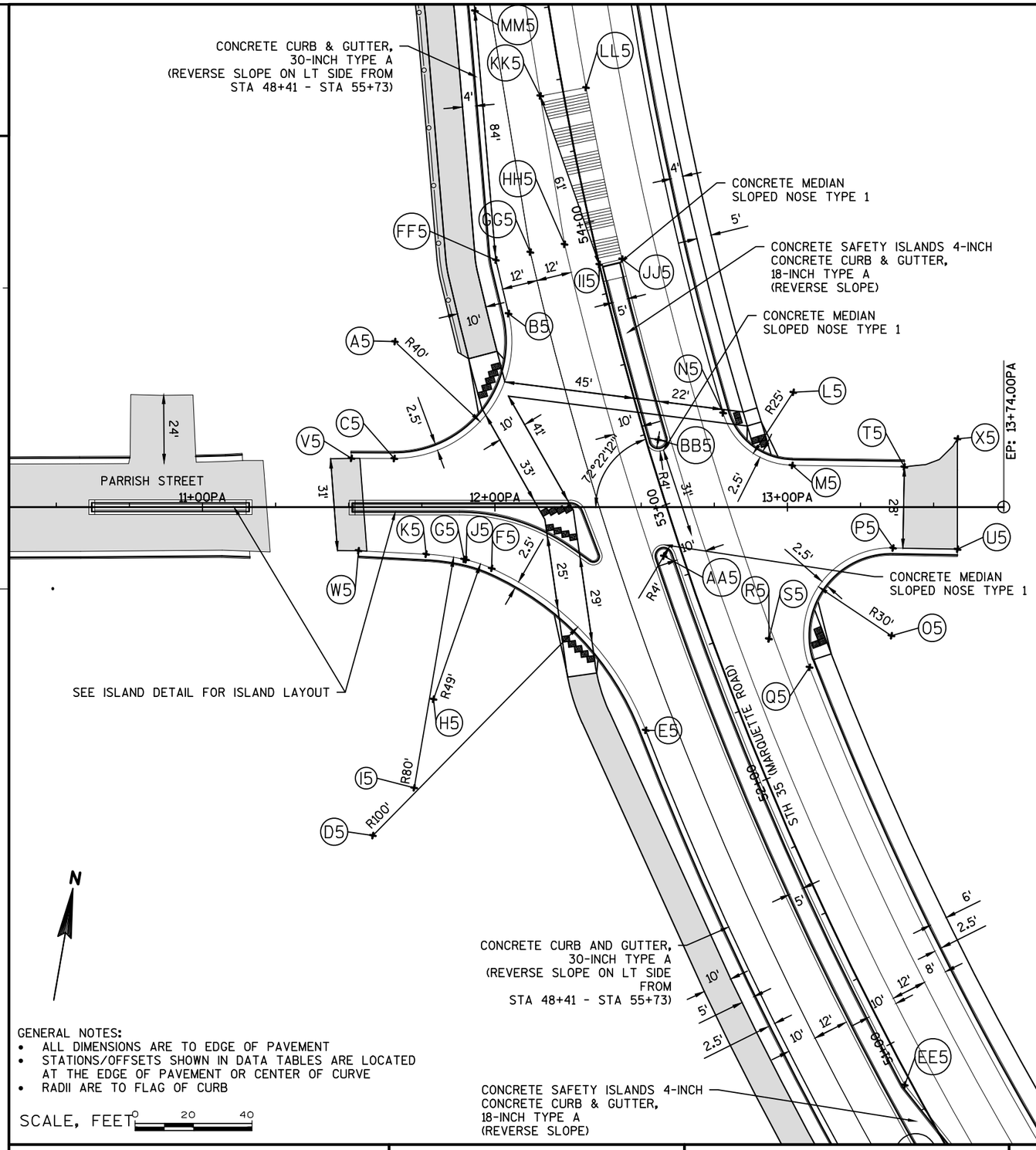


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAILS: BEFORE PARRISH STREET	SHEET 51	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - BEFORE PARRISH

PLOT DATE : 7/31/2017 3:15 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A5	53+76.33 -STH 35	74.1 LT	11+65.8 - Parrish St	56.6 LT	116209.74	319693.95	40
AA5	52+83.54 -STH 35	6.1 LT	12+57.7 - Parrish St	16.7 RT	116152.96	319796.93	4
B5	53+76.34 -STH 35	34.1 LT	12+04.6 - Parrish St	66.2 LT	116225.72	319730.62	
BB5	53+22.04 -STH 35	4.0 RT	12+55.8 - Parrish St	23.0 LT	116191.86	319788.33	4
C5	53+40.19 -STH 35	84.5 LT	11+65.6 - Parrish St	16.6 LT	116170.28	319700.49	
D5	52+30.42 -STH 35	132.1 LT	11+58.3 - Parrish St	112.3 RT	116041.98	319715.03	100
E5	52+30.44 -STH 35	32.1 LT	12+51.6 - Parrish St	76.3 RT	116093.21	319800.91	
EE5	50+85.30 -STH 35	2.2 LT	13+40.1 - Parrish St	197.6 RT	115988.60	319908.68	
F5	52+97.41 -STH 35	63.3 LT	11+98.9 - Parrish St	20.9 RT	116138.90	319739.66	
FF5	53+94.63 -STH 35	34.1 LT	12+00.4 - Parrish St	84.5 LT	116243.07	319723.29	
G5	53+02.90 -STH 35	71.4 LT	11+89.5 - Parrish St	17.8 RT	116140.36	319729.83	
GG5	53+94.63 -STH 35	22.0 LT	12+12.1 - Parrish St	87.2 LT	116247.71	319734.42	
H5	52+63.67 -STH 35	96.5 LT	11+79.0 - Parrish St	65.7 RT	116091.42	319727.59	49
HH5	53+94.63 -STH 35	10.0 LT	12+23.8 - Parrish St	89.9 LT	116252.32	319745.50	
I5	52+39.66 -STH 35	113.1 LT	11+72.4 - Parrish St	96.0 RT	116060.44	319726.18	80
II5	53+85.24 -STH 35	0.0	12+35.7 - Parrish St	83.0 LT	116247.52	319758.37	
J5	53+02.58 -STH 35	70.8 LT	11+90.1 - Parrish St	18.0 RT	116140.32	319730.50	
JJ5	53+85.24 -STH 35	8.0 RT	12+43.5 - Parrish St	84.8 LT	116250.66	319765.73	
K5	53+08.08 -STH 35	83.3 LT	11+76.5 - Parrish St	16.1 RT	116139.88	319716.73	
KK5	54+45.61 -STH 35	7.9 LT	12+15.5 - Parrish St	140.6 LT	116300.93	319728.75	

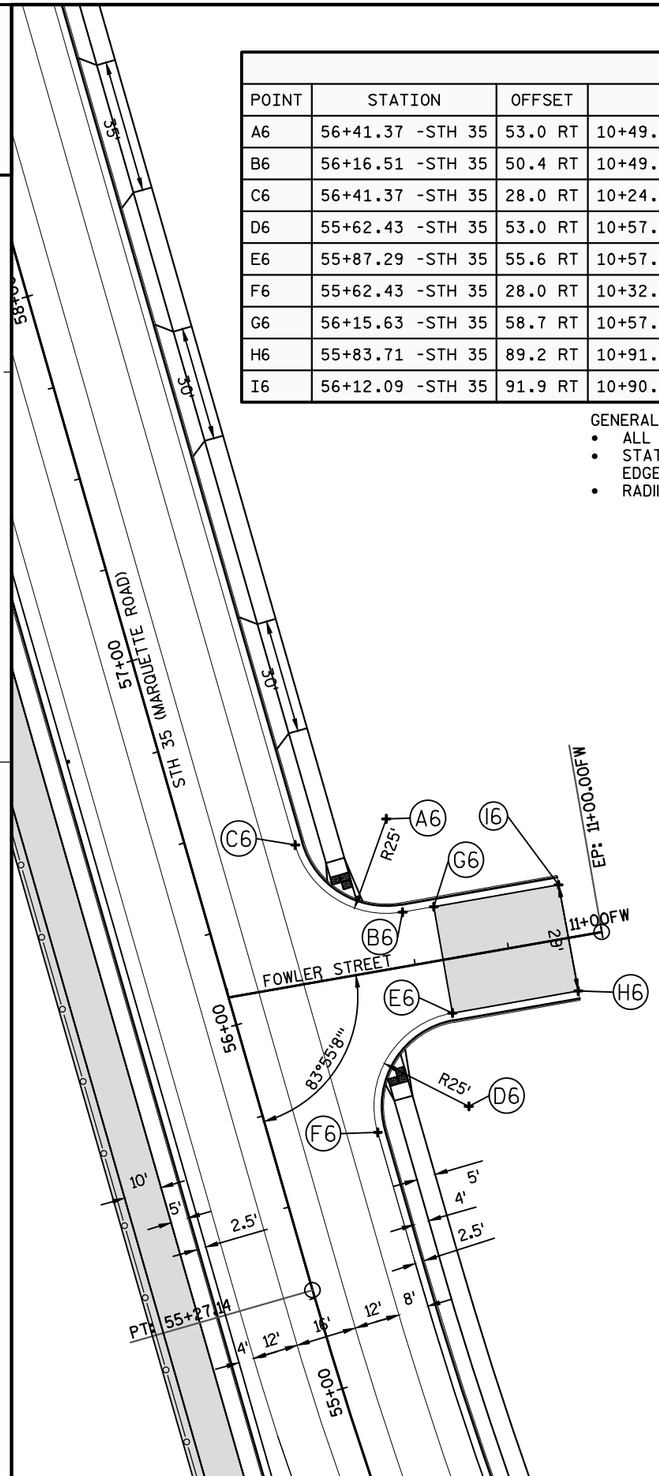
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
L5	53+24.57 -STH 35	52.9 RT	13+02.0 - Parrish St	39.3 LT	116215.65	319831.12	25
LL5	54+45.61 -STH 35	8.0 RT	12+31.1 - Parrish St	143.5 LT	116306.39	319743.68	
M5	52+99.71 -STH 35	45.3 RT	13+01.7 - Parrish St	14.3 LT	116190.95	319835.00	
MM5	54+77.54 -STH 35	25.1 LT	11+93.2 - Parrish St	169.7 LT	116325.83	319701.82	
N5	53+24.57 -STH 35	27.9 RT	12+78.0 - Parrish St	32.2 LT	116204.64	319808.68	
O5	52+30.40 -STH 35	57.9 RT	13+35.6 - Parrish St	44.0 RT	116139.25	319878.23	30
P5	52+59.95 -STH 35	68.9 RT	13+36.1 - Parrish St	14.0 RT	116168.91	319873.73	
Q5	52+30.39 -STH 35	27.9 RT	13+07.6 - Parrish St	54.8 RT	116123.88	319852.47	
R5	52+44.69 -STH 35	18.4 RT	12+93.7 - Parrish St	45.1 RT	116131.13	319837.15	70
S5	52+44.69 -STH 35	18.4 RT	12+93.7 - Parrish St	45.1 RT	116131.13	319837.15	60
T5	52+86.67 -STH 35	81.5 RT	13+40.0 - Parrish St	13.7 LT	116196.89	319872.84	
U5	52+51.51 -STH 35	89.5 RT	13+58.2 - Parrish St	14.4 RT	116172.22	319895.52	
V5	53+43.89 -STH 35	98.6 LT	11+50.9 - Parrish St	16.7 LT	116167.89	319686.03	
W5	53+15.39 -STH 35	105.1 LT	11+53.4 - Parrish St	14.9 RT	116137.15	319693.74	
X5	52+90.45 -STH 35	101.8 RT	13+58.1 - Parrish St	23.4 LT	116209.44	319889.13	

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: PARRISH STREET	SHEET 52	E

2

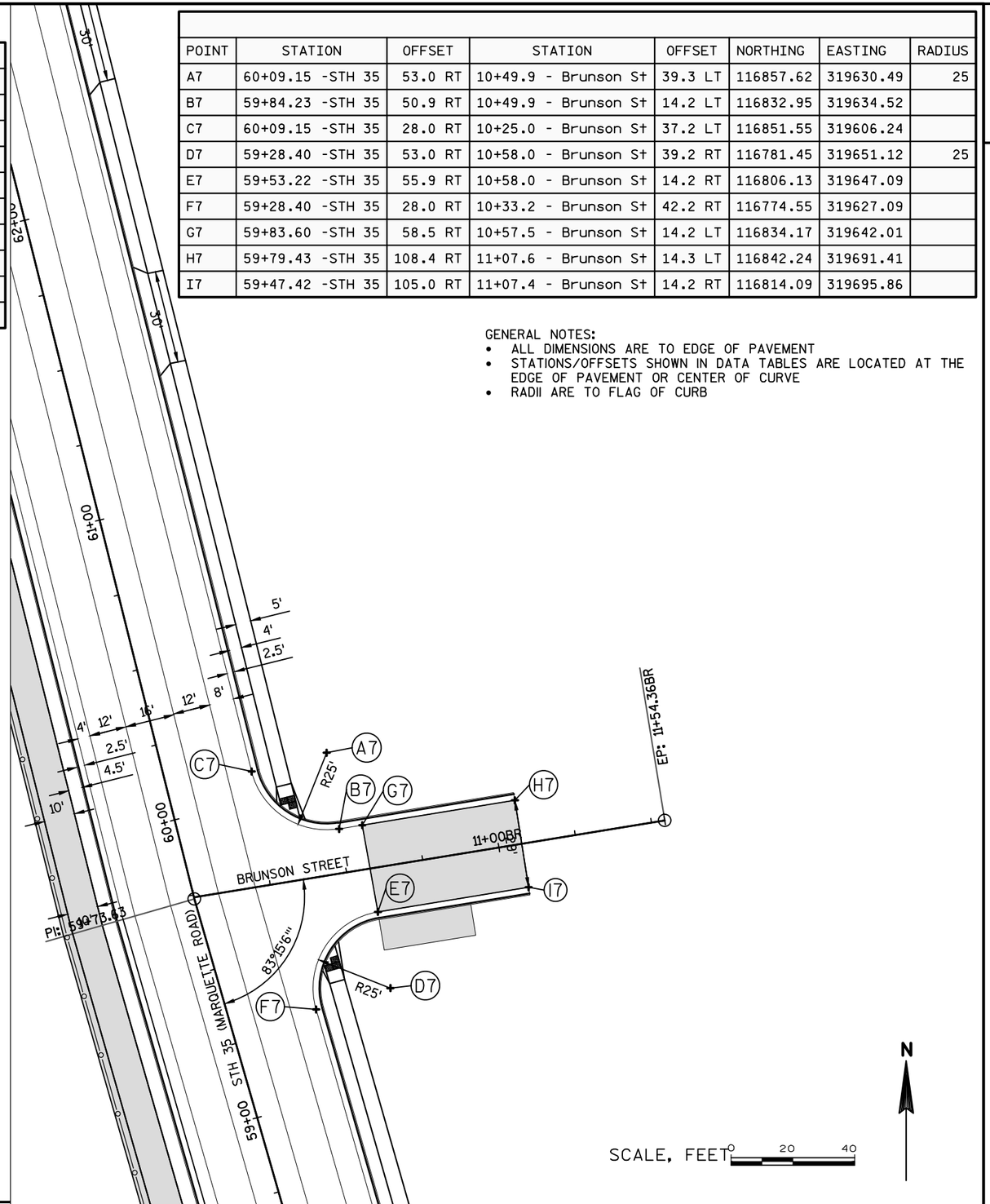
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A6	56+41.37 -STH 35	53.0 RT	10+49.1 - Fowler St	39.3 LT	116505.57	319730.33	25
B6	56+16.51 -STH 35	50.4 RT	10+49.1 - Fowler St	14.3 LT	116480.95	319734.64	
C6	56+41.37 -STH 35	28.0 RT	10+24.3 - Fowler St	36.6 LT	116498.67	319706.30	
D6	55+62.43 -STH 35	53.0 RT	10+57.5 - Fowler St	39.3 RT	116429.69	319752.11	25
E6	55+87.29 -STH 35	55.6 RT	10+57.5 - Fowler St	14.3 RT	116454.32	319747.80	
F6	55+62.43 -STH 35	28.0 RT	10+32.6 - Fowler St	41.9 RT	116422.80	319728.08	
G6	56+15.63 -STH 35	58.7 RT	10+57.5 - Fowler St	14.3 LT	116482.39	319742.88	
H6	55+83.71 -STH 35	89.2 RT	10+91.2 - Fowler St	14.2 RT	116460.14	319781.02	
I6	56+12.09 -STH 35	91.9 RT	10+90.9 - Fowler St	14.2 LT	116488.16	319775.80	

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB



POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A7	60+09.15 -STH 35	53.0 RT	10+49.9 - Brunson St	39.3 LT	116857.62	319630.49	25
B7	59+84.23 -STH 35	50.9 RT	10+49.9 - Brunson St	14.2 LT	116832.95	319634.52	
C7	60+09.15 -STH 35	28.0 RT	10+25.0 - Brunson St	37.2 LT	116851.55	319606.24	
D7	59+28.40 -STH 35	53.0 RT	10+58.0 - Brunson St	39.2 RT	116781.45	319651.12	25
E7	59+53.22 -STH 35	55.9 RT	10+58.0 - Brunson St	14.2 RT	116806.13	319647.09	
F7	59+28.40 -STH 35	28.0 RT	10+33.2 - Brunson St	42.2 RT	116774.55	319627.09	
G7	59+83.60 -STH 35	58.5 RT	10+57.5 - Brunson St	14.2 LT	116834.17	319642.01	
H7	59+79.43 -STH 35	108.4 RT	11+07.6 - Brunson St	14.3 LT	116842.24	319691.41	
I7	59+47.42 -STH 35	105.0 RT	11+07.4 - Brunson St	14.2 RT	116814.09	319695.86	

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

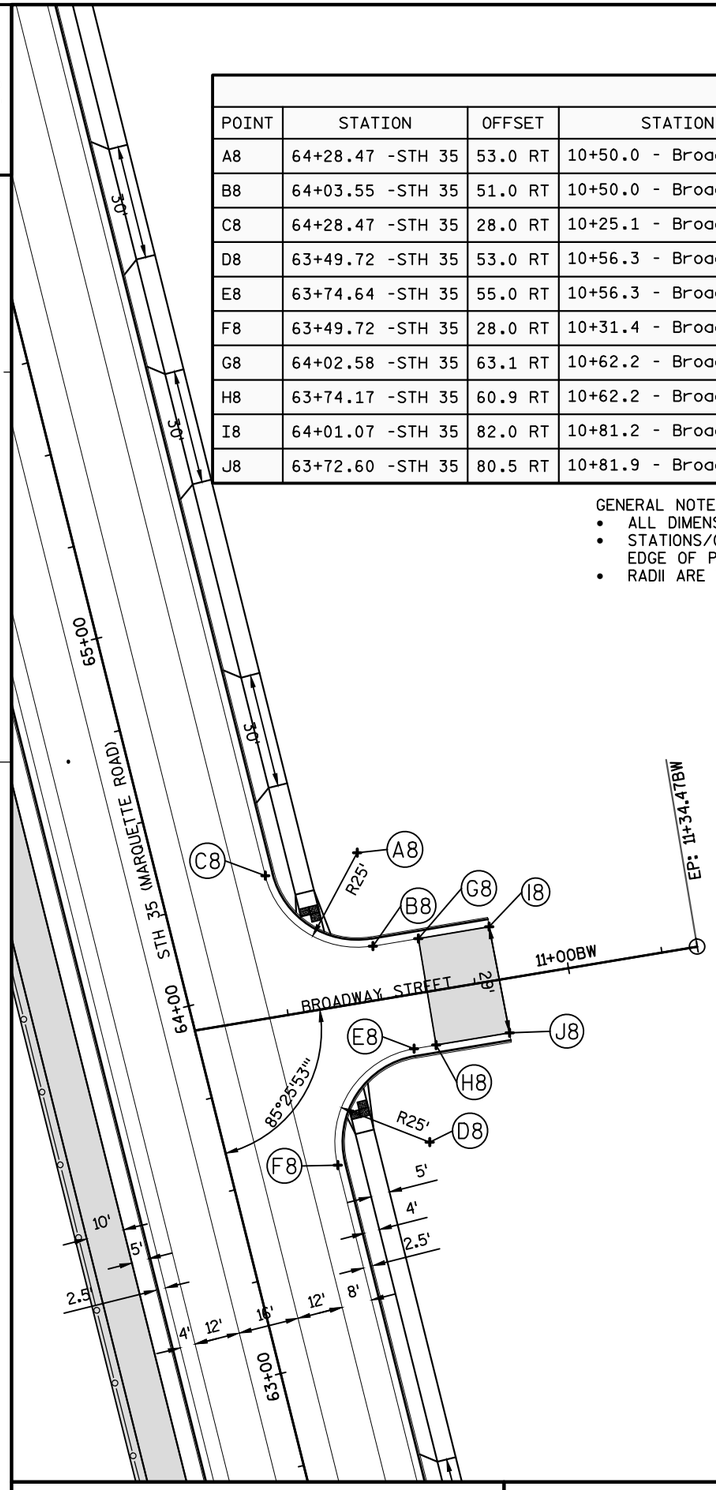


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: FOWLER ST. & BRUNSON ST.	SHEET 53	E

2

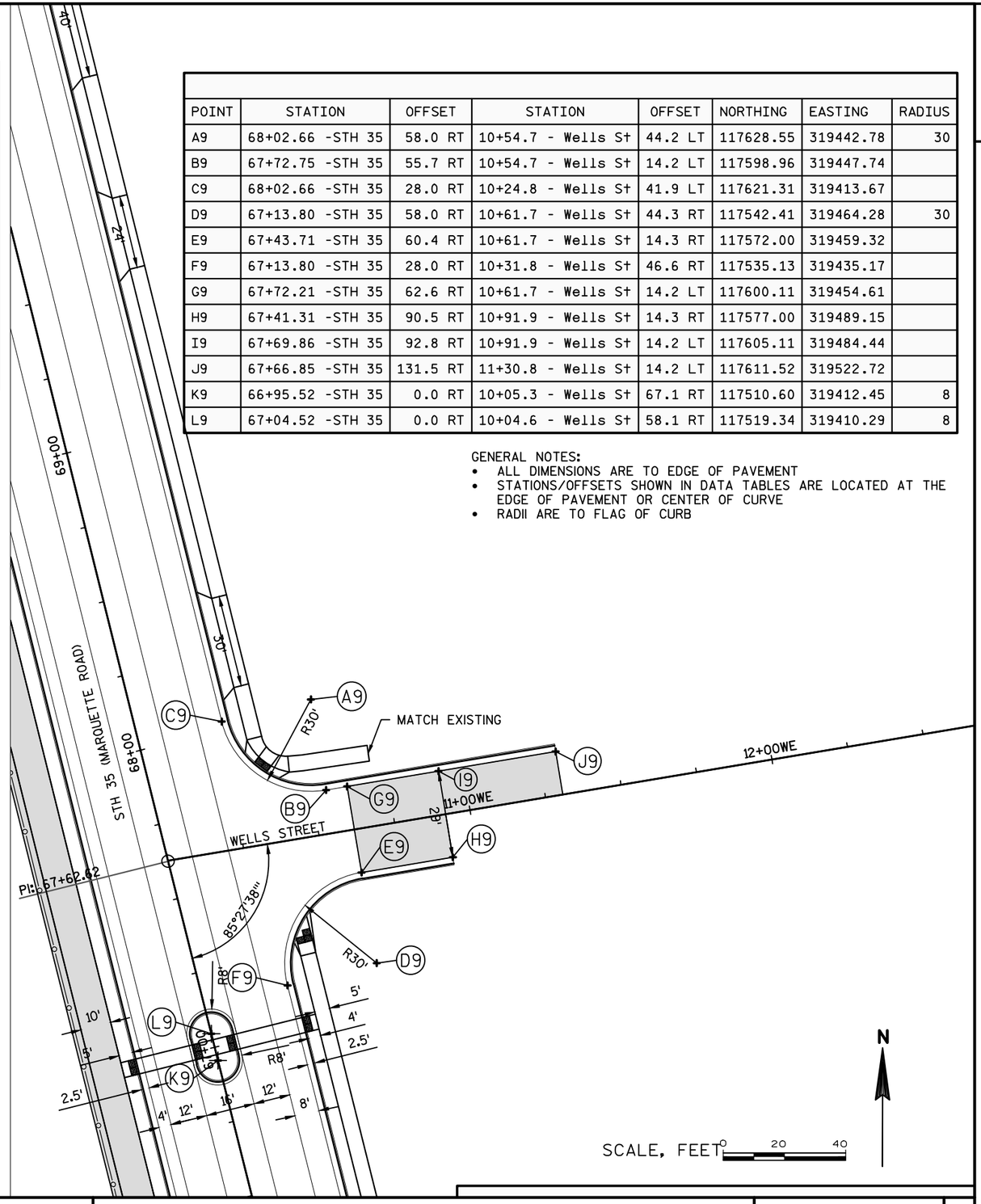
POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A8	64+28.47 -STH 35	53.0 RT	10+50.0 - Broadway St	39.3 LT	117264.40	319528.69	25
B8	64+03.55 -STH 35	51.0 RT	10+50.0 - Broadway St	14.3 LT	117239.74	319532.81	
C8	64+28.47 -STH 35	28.0 RT	10+25.1 - Broadway St	37.3 LT	117258.33	319504.44	
D8	63+49.72 -STH 35	53.0 RT	10+56.3 - Broadway St	39.3 RT	117188.00	319547.81	25
E8	63+74.64 -STH 35	55.0 RT	10+56.3 - Broadway St	14.3 RT	117212.66	319543.69	
F8	63+49.72 -STH 35	28.0 RT	10+31.4 - Broadway St	41.2 RT	117181.94	319523.56	
G8	64+02.58 -STH 35	63.1 RT	10+62.2 - Broadway St	14.2 LT	117241.75	319544.82	
H8	63+74.17 -STH 35	60.9 RT	10+62.2 - Broadway St	14.3 RT	117213.64	319549.52	
I8	64+01.07 -STH 35	82.0 RT	10+81.2 - Broadway St	14.2 LT	117244.87	319563.51	
J8	63+72.60 -STH 35	80.5 RT	10+81.9 - Broadway St	14.3 RT	117216.88	319568.93	

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

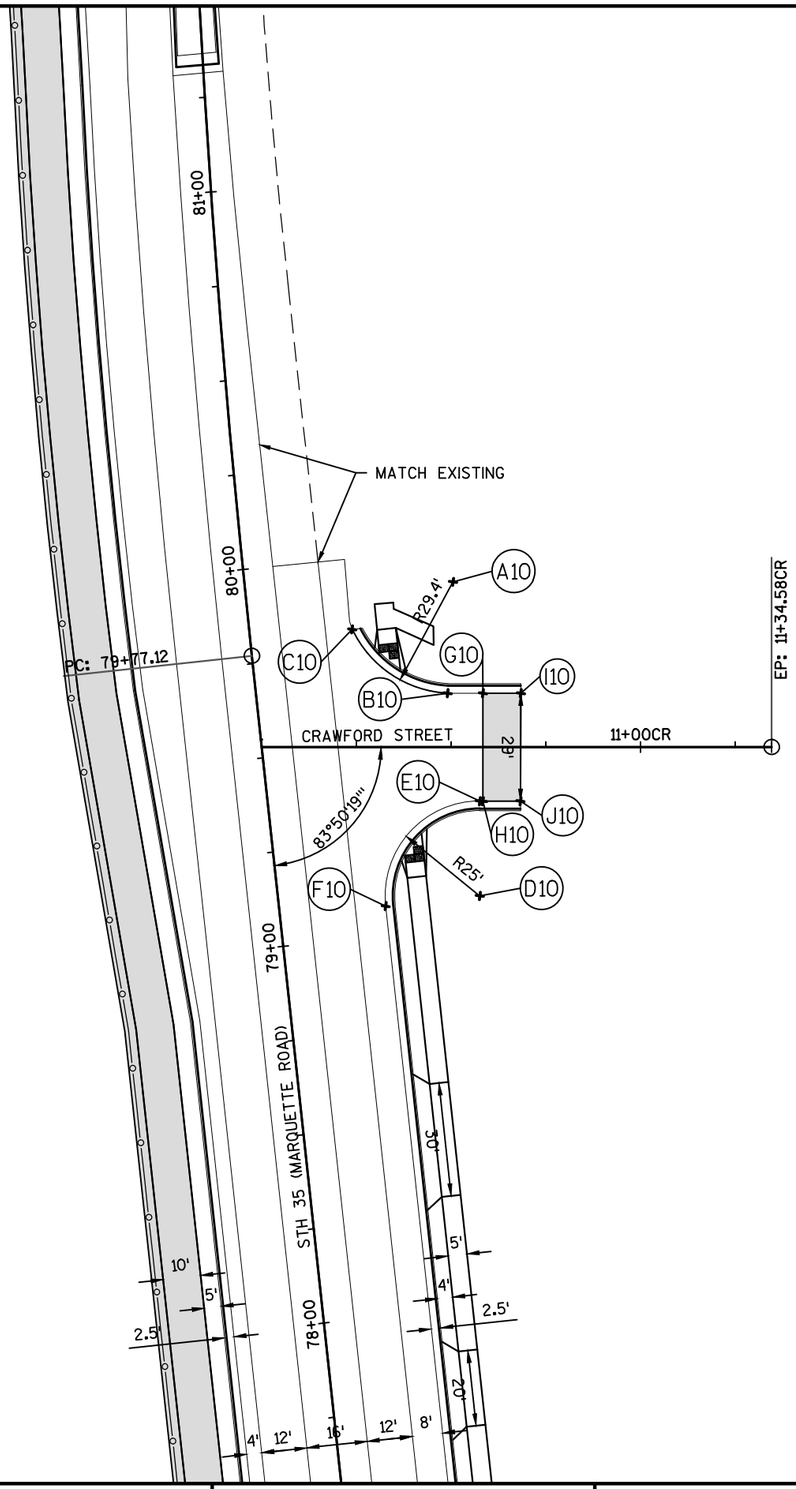


POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A9	68+02.66 -STH 35	58.0 RT	10+54.7 - Wells St	44.2 LT	117628.55	319442.78	30
B9	67+72.75 -STH 35	55.7 RT	10+54.7 - Wells St	14.2 LT	117598.96	319447.74	
C9	68+02.66 -STH 35	28.0 RT	10+24.8 - Wells St	41.9 LT	117621.31	319413.67	
D9	67+13.80 -STH 35	58.0 RT	10+61.7 - Wells St	44.3 RT	117542.41	319464.28	30
E9	67+43.71 -STH 35	60.4 RT	10+61.7 - Wells St	14.3 RT	117572.00	319459.32	
F9	67+13.80 -STH 35	28.0 RT	10+31.8 - Wells St	46.6 RT	117535.13	319435.17	
G9	67+72.21 -STH 35	62.6 RT	10+61.7 - Wells St	14.2 LT	117600.11	319454.61	
H9	67+41.31 -STH 35	90.5 RT	10+91.9 - Wells St	14.3 RT	117577.00	319489.15	
I9	67+69.86 -STH 35	92.8 RT	10+91.9 - Wells St	14.2 LT	117605.11	319484.44	
J9	67+66.85 -STH 35	131.5 RT	11+30.8 - Wells St	14.2 LT	117611.52	319522.72	
K9	66+95.52 -STH 35	0.0 RT	10+05.3 - Wells St	67.1 RT	117510.60	319412.45	8
L9	67+04.52 -STH 35	0.0 RT	10+04.6 - Wells St	58.1 RT	117519.34	319410.29	8

GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: BROADWAY ST. & WELLS ST.	SHEET 54	E



N

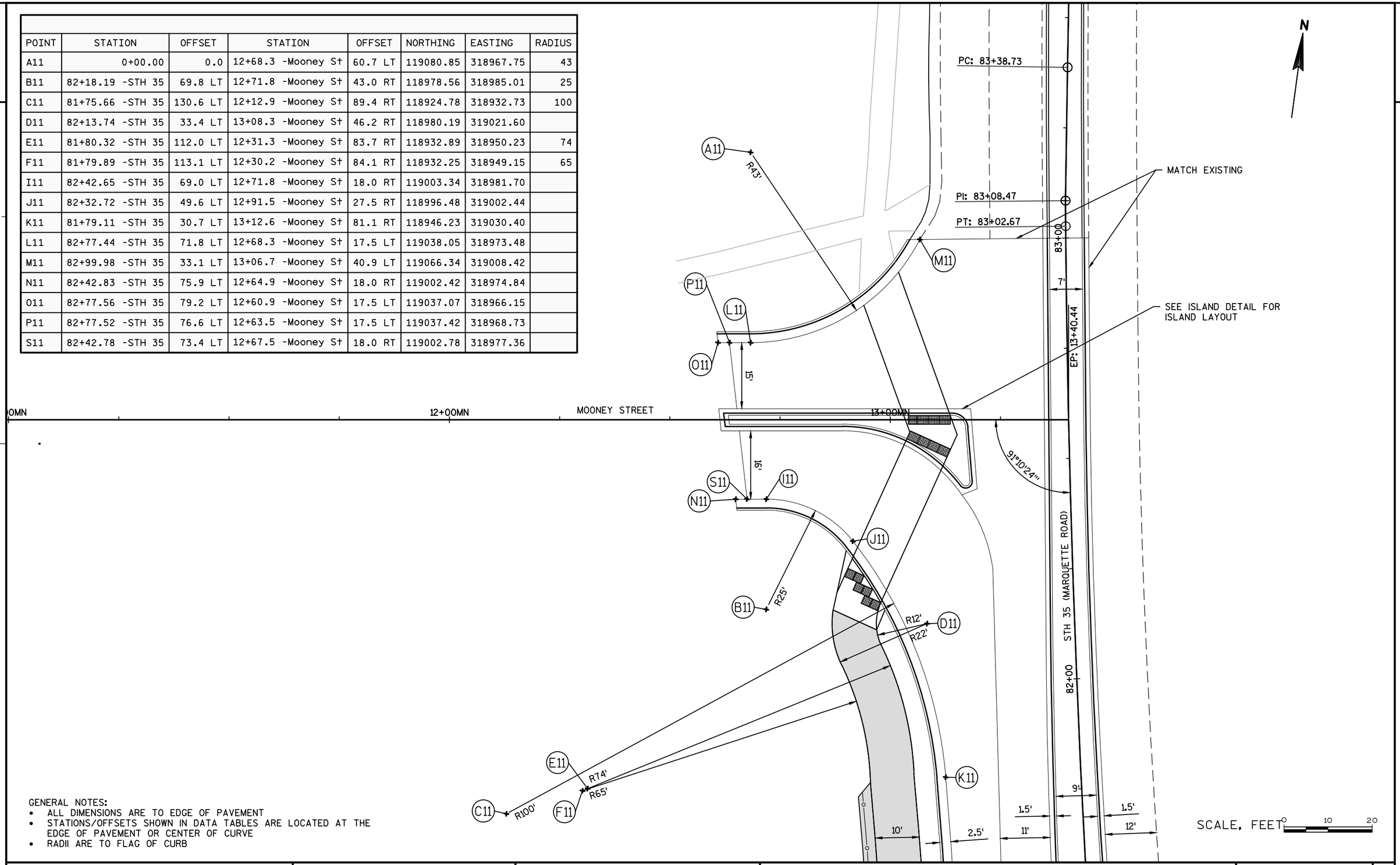
GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

SCALE, FEET 0 20 40

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A10	79+91.06 -STH 35	54.8 RT	10+50.5 - Crawford St	43.6 LT	118780.83	319153.03	29.4
B10	79+61.75 -STH 35	50.3 RT	10+49.1 - Crawford St	14.3 LT	118751.53	319155.62	
C10	79+81.25 -STH 35	27.1 RT	10+23.9 - Crawford St	31.1 LT	118764.81	319128.36	
D10	79+07.65 -STH 35	53.0 RT	10+57.6 - Crawford St	39.2 RT	118699.67	319171.28	25
E10	79+32.51 -STH 35	55.7 RT	10+57.6 - Crawford St	14.2 RT	118724.44	319167.89	
F10	79+07.65 -STH 35	28.0 RT	10+32.7 - Crawford St	41.9 RT	118693.64	319147.02	
G10	79+60.75 -STH 35	59.6 RT	10+58.4 - Crawford St	14.3 LT	118752.79	319164.85	
H10	79+32.42 -STH 35	56.5 RT	10+58.4 - Crawford St	14.2 RT	118724.56	319168.72	
I10	79+59.68 -STH 35	69.5 RT	10+68.4 - Crawford St	14.3 LT	118754.15	319174.76	
J10	79+31.36 -STH 35	66.4 RT	10+68.3 - Crawford St	14.2 RT	118725.90	319178.52	

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: CRAWFORD STREET	SHEET 55	E

POINT	STATION	OFFSET	STATION	OFFSET	NORTHING	EASTING	RADIUS
A11	0+00.00	0.0	12+68.3 -Mooney St	60.7 LT	119080.85	318967.75	43
B11	82+18.19 -STH 35	69.8 LT	12+71.8 -Mooney St	43.0 RT	118978.56	318985.01	25
C11	81+75.66 -STH 35	130.6 LT	12+12.9 -Mooney St	89.4 RT	118924.78	318932.73	100
D11	82+13.74 -STH 35	33.4 LT	13+08.3 -Mooney St	46.2 RT	118980.19	319021.60	
E11	81+80.32 -STH 35	112.0 LT	12+31.3 -Mooney St	83.7 RT	118932.89	318950.23	74
F11	81+79.89 -STH 35	113.1 LT	12+30.2 -Mooney St	84.1 RT	118932.25	318949.15	65
I11	82+42.65 -STH 35	69.0 LT	12+71.8 -Mooney St	18.0 RT	119003.34	318981.70	
J11	82+32.72 -STH 35	49.6 LT	12+91.5 -Mooney St	27.5 RT	118996.48	319002.44	
K11	81+79.11 -STH 35	30.7 LT	13+12.6 -Mooney St	81.1 RT	118946.23	319030.40	
L11	82+77.44 -STH 35	71.8 LT	12+68.3 -Mooney St	17.5 LT	119038.05	318973.48	
M11	82+99.98 -STH 35	33.1 LT	13+06.7 -Mooney St	40.9 LT	119066.34	319008.42	
N11	82+42.83 -STH 35	75.9 LT	12+64.9 -Mooney St	18.0 RT	119002.42	318974.84	
O11	82+77.56 -STH 35	79.2 LT	12+60.9 -Mooney St	17.5 LT	119037.07	318966.15	
P11	82+77.52 -STH 35	76.6 LT	12+63.5 -Mooney St	17.5 LT	119037.42	318968.73	
S11	82+42.78 -STH 35	73.4 LT	12+67.5 -Mooney St	18.0 RT	119002.78	318977.36	



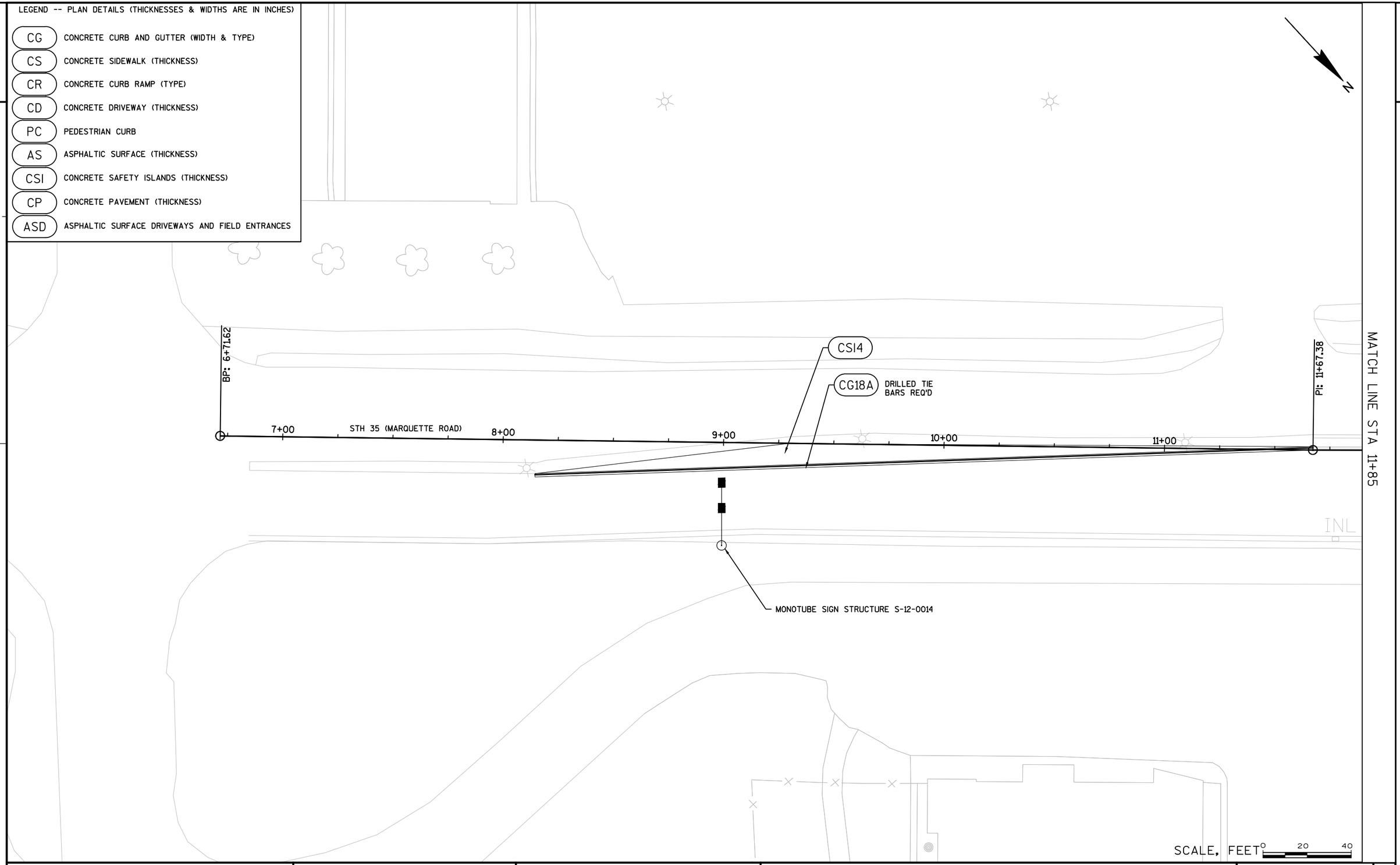
GENERAL NOTES:
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT
- STATIONS/OFFSETS SHOWN IN DATA TABLES ARE LOCATED AT THE EDGE OF PAVEMENT OR CENTER OF CURVE
- RADII ARE TO FLAG OF CURB

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	INTERSECTION DETAIL: MOONEY STREET	SHEET 56	E

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



2

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 57	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:41 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

2

MATCH LINE STA 11+85

MATCH LINE STA 18+00

12+00 13+00 14+00 15+00 16+00 17+00 18+

PI: 15+49.10

PI: 16+53.07

PI: 17+68.86

STH 35 (MARQUETTE ROAD)

MONOTUBE SIGN STRUCTURE S-12-0011

CSI4

CG18A

DRILLED TIE BARS REQ'D (REVERSE SLOPE)

DRILLED TIE BARS REQ'D CG30A

CR7B

CR7B

CS4

CR3

AS3

CR7B

CS4

CP8

PC

CR7B

11+00LP

EP: 11+50.00LP

LA POINTE ST

SIGN

INL

MH

HW

SCALE, FEET 0 20 40

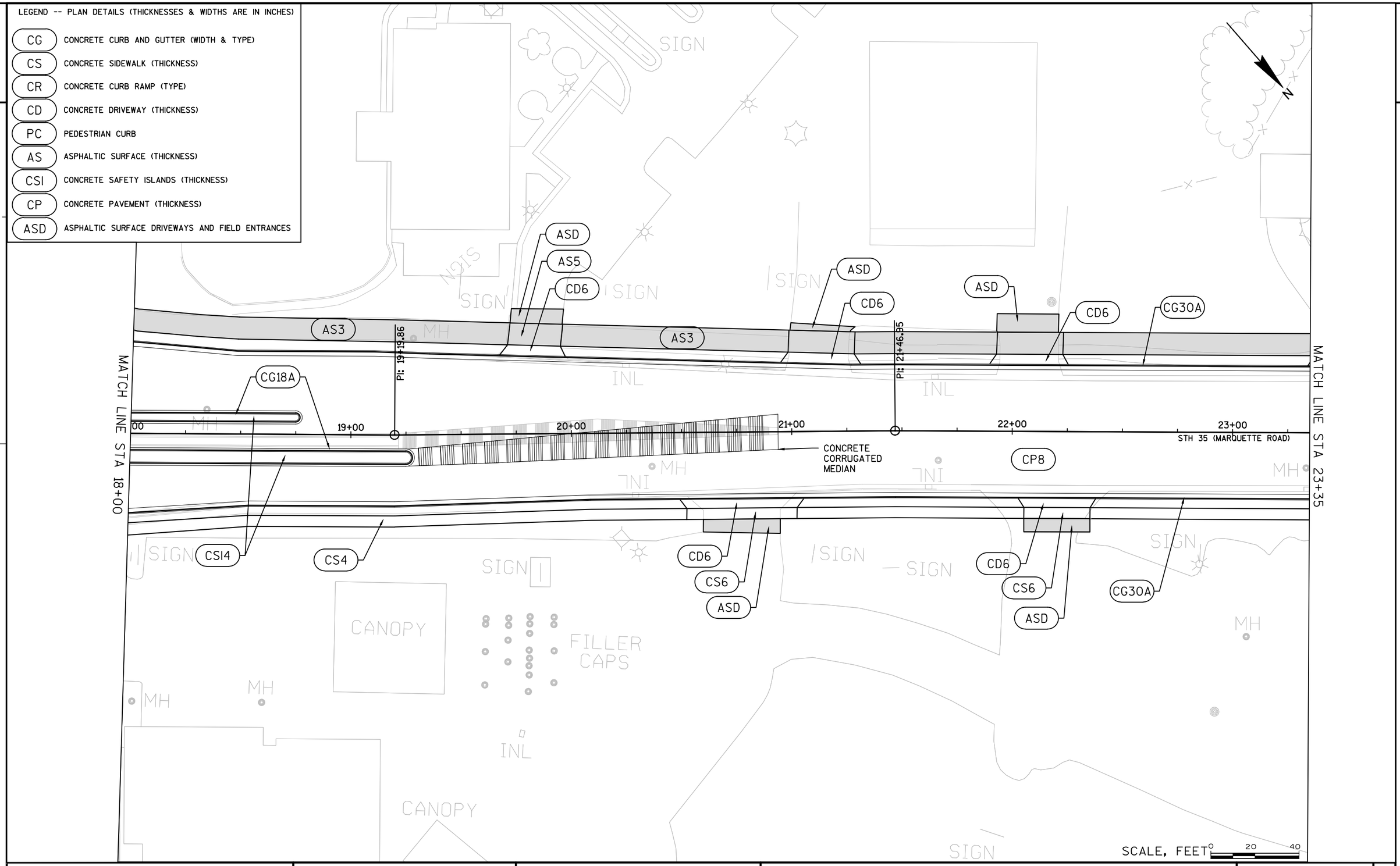
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 58	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:41 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



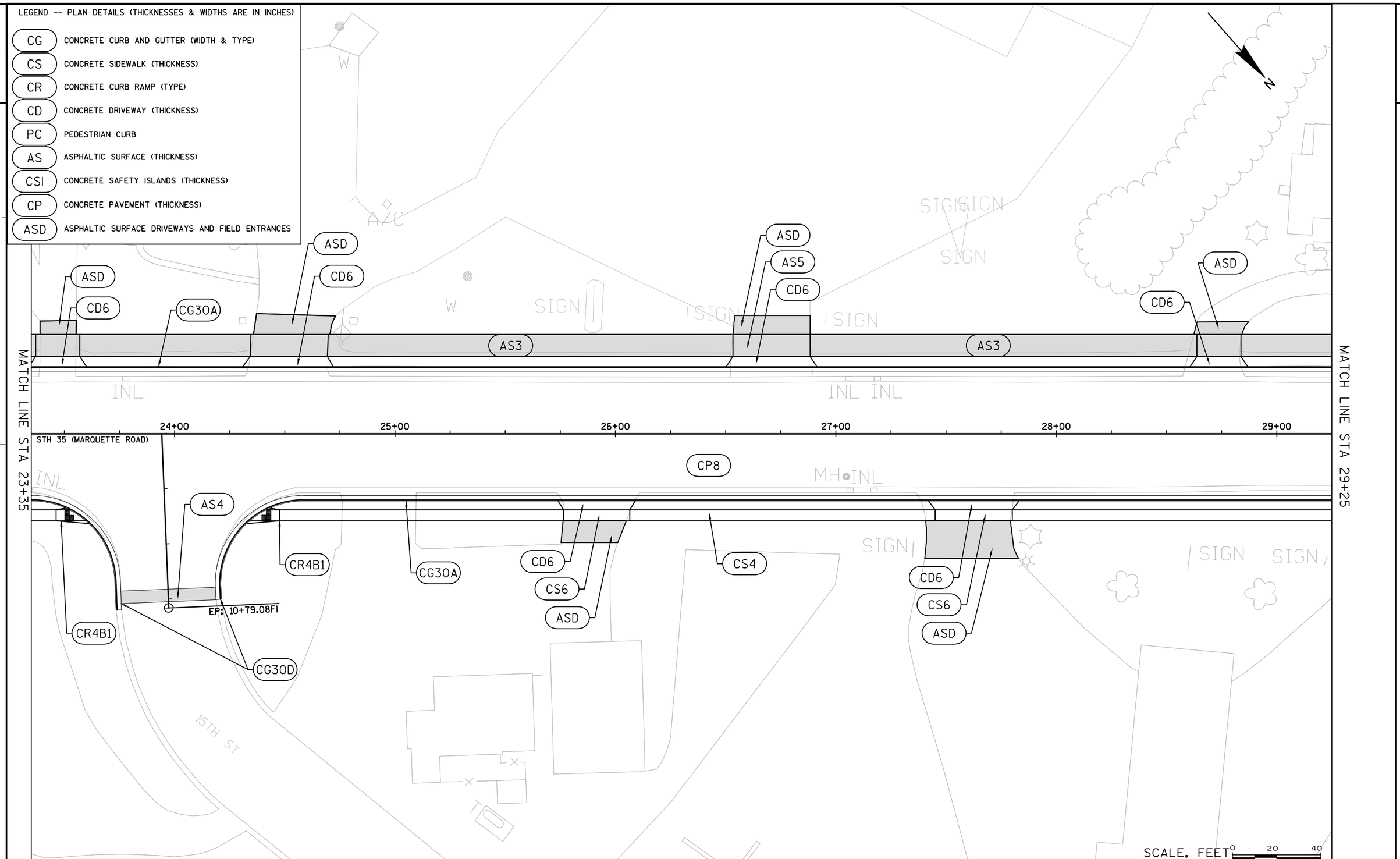
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 59	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:42 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

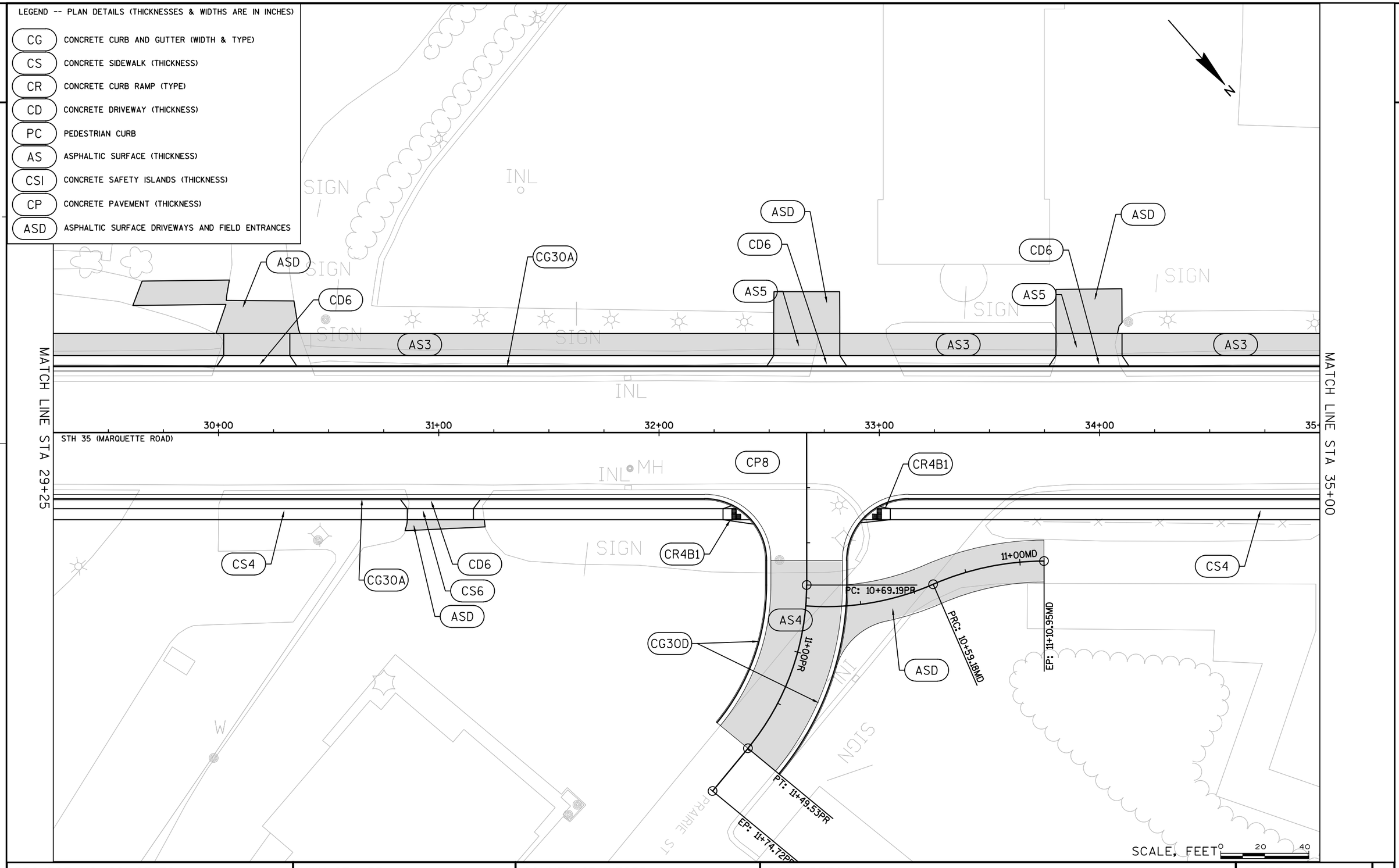


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 60	E

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

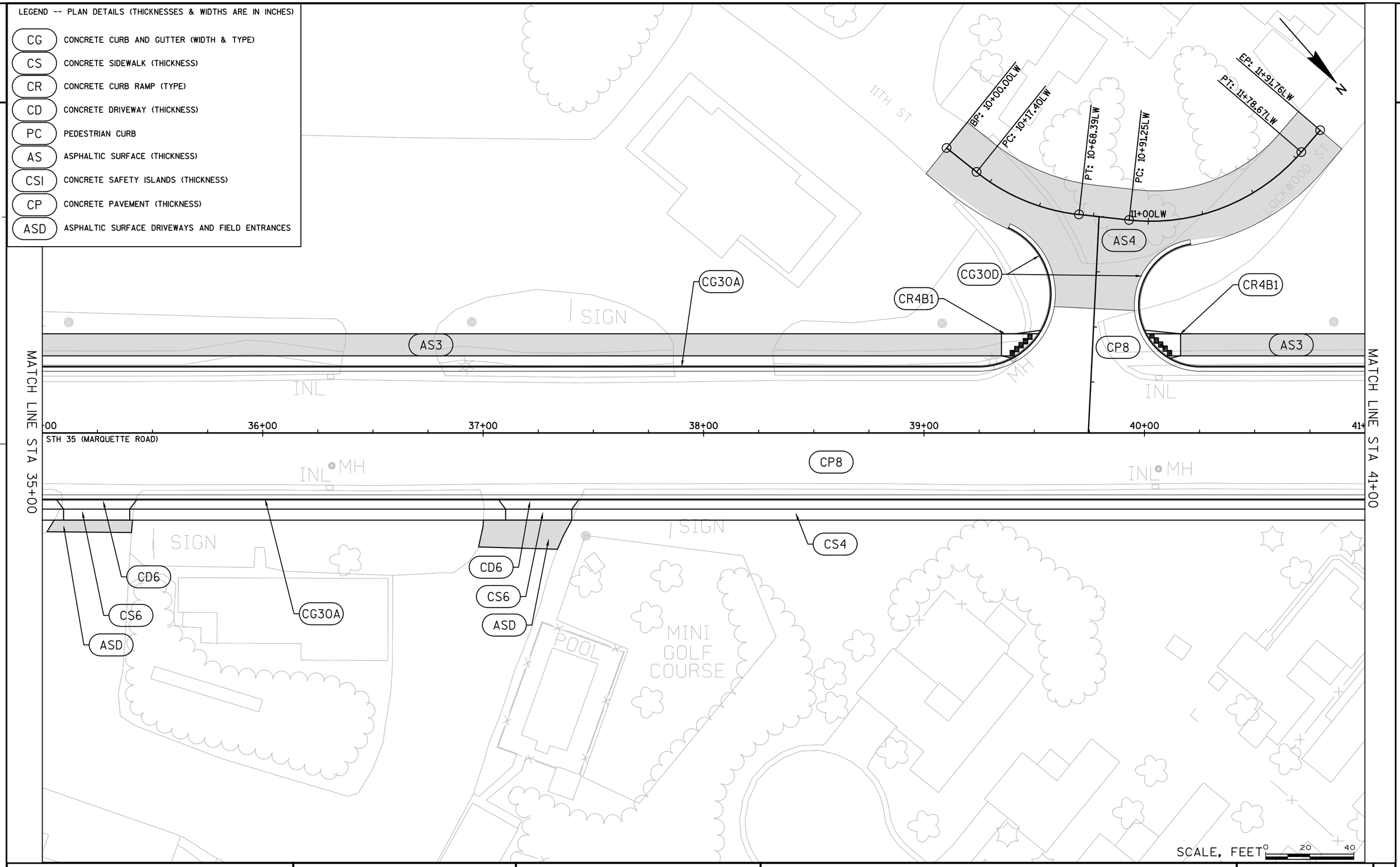


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 61	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:43 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

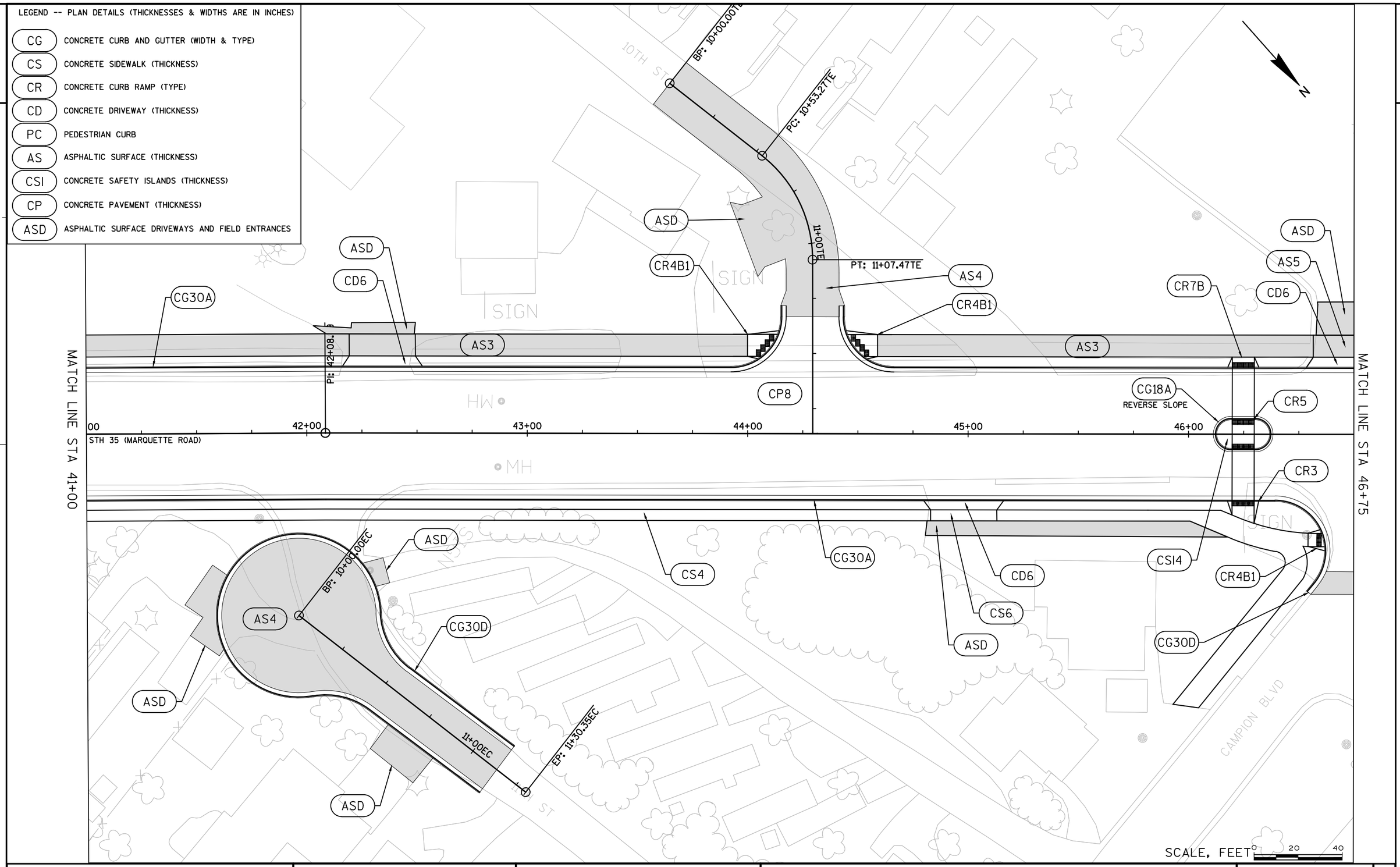


PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 62	E

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

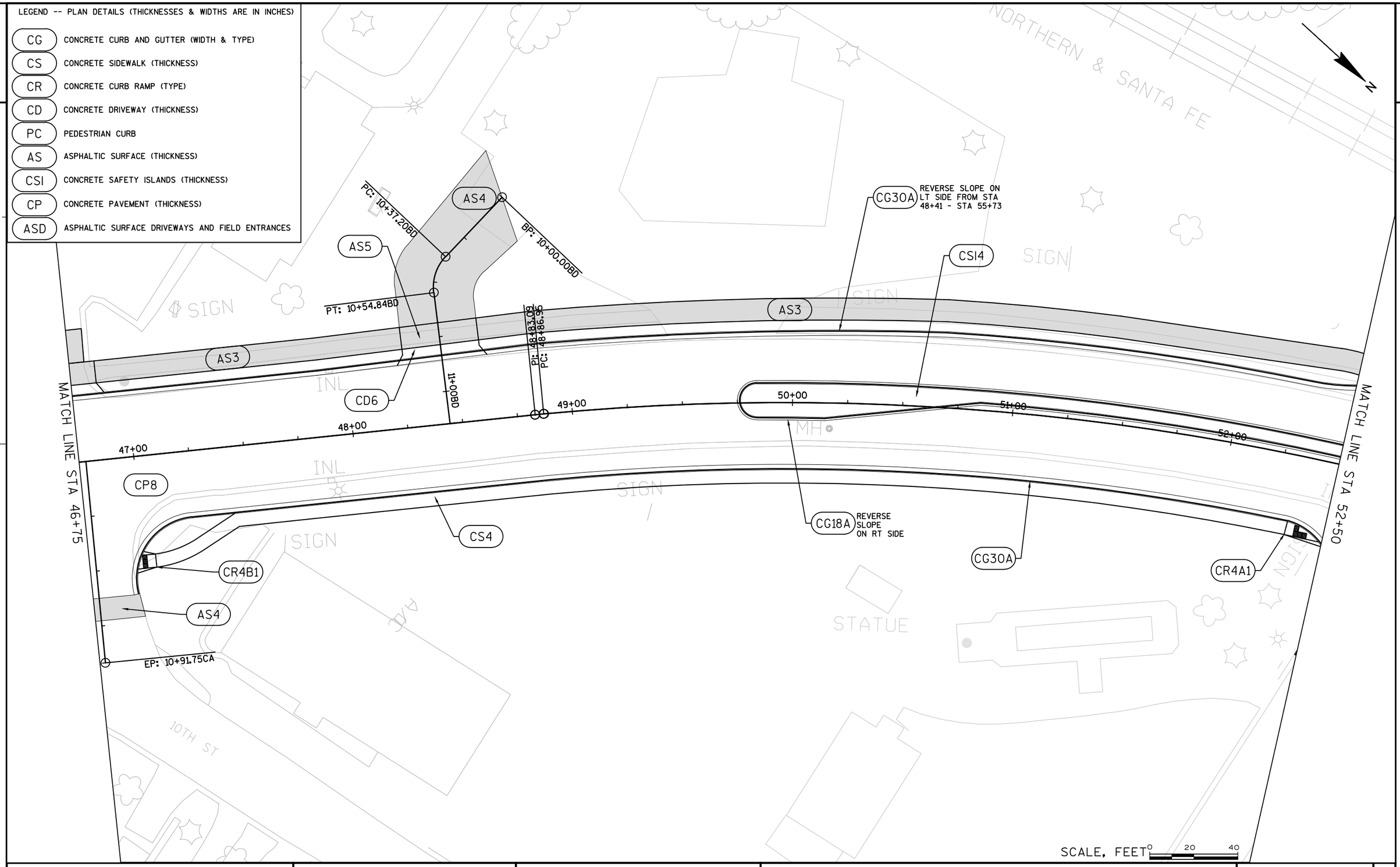


PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 63	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:44 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF
WISDOT/CADDS SHEET 42

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 64 E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:44 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CD6
CONCRETE DRIVEWAY
6-INCH AT STA 10+38PA

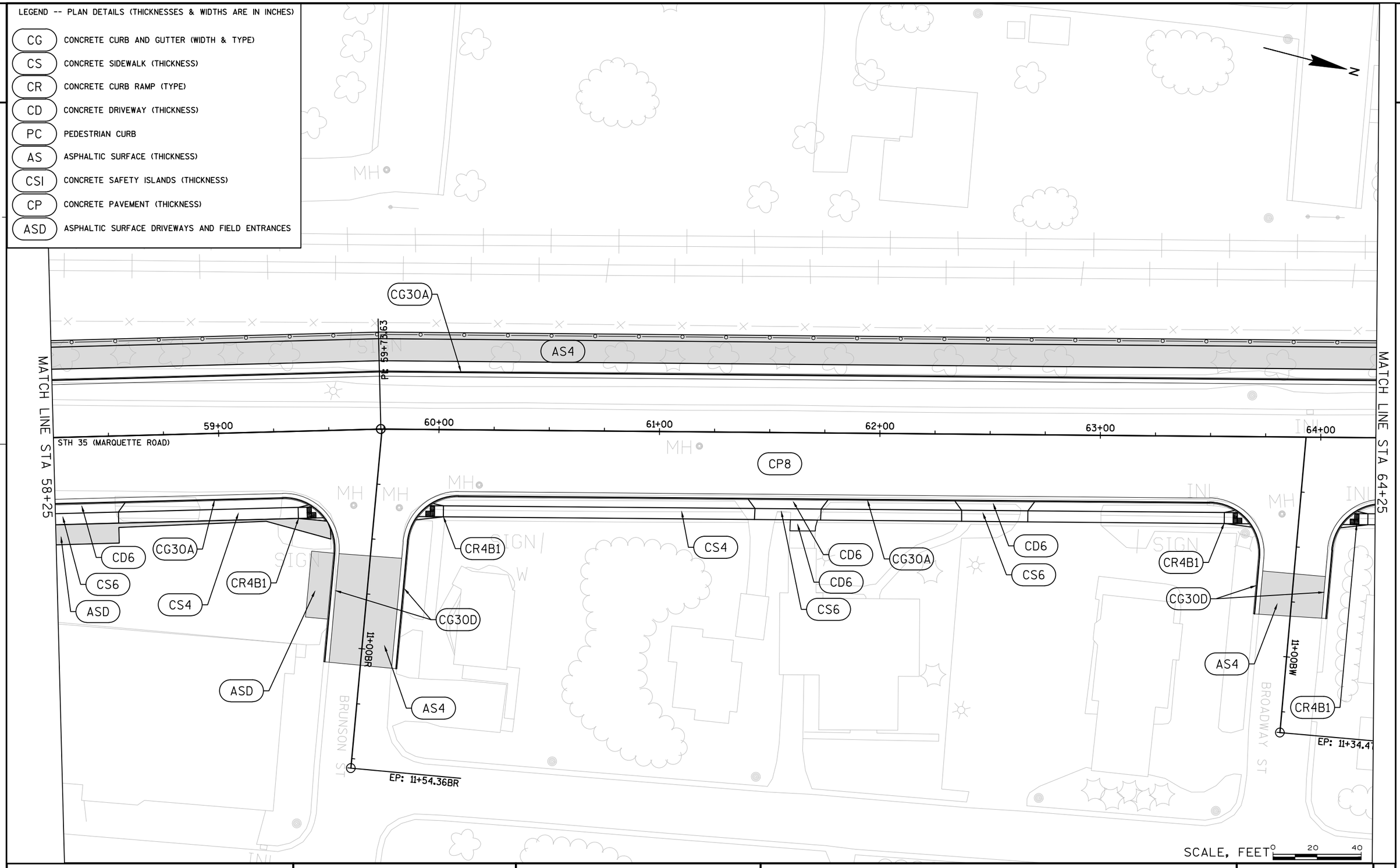
CG30D
CG18D
REVERSE SLOPE ON
MEDIAN CURB
AS4
CG30D
11+00PA
PARRISH ST
REVERSE SLOPE ON
LT SIDE FROM STA
48+41 - STA 55+73
CG30A
CG18A
REVERSE SLOPE ON
MEDIAN CURB
4B1
CONCRETE CURB
ISLAND CORNER
CP8
12+00PA
CR6
4B1
CSI4
MATCH LINE STA 52+50
53+00
54+00
55+00
56+00
57+00
58+00
MATCH LINE STA 58+25
PT: 55+27.14
AS4
CG30A
REVERSE SLOPE ON
LT SIDE FROM STA
48+41 - STA 55+73
CONCRETE
CORRUGATED
MEDIAN
STH 35 (MARQUETTE ROAD)
CG18A
REVERSE
SLOPE
ON RT SIDE
CP8
CG18A
REVERSE
SLOPE
13+00PA
CR4B1
CS4
CR5
CG30A
CR4B1
CG30D
AS4
CG30D
EP: 13+74.00PA
9TH ST
POOL
11+00FW
EP: 11+00.00FW
CR4B1
CD6
CS6
ASD
CS4
CG30A
CS6
CD6
ASD
SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 65	E

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



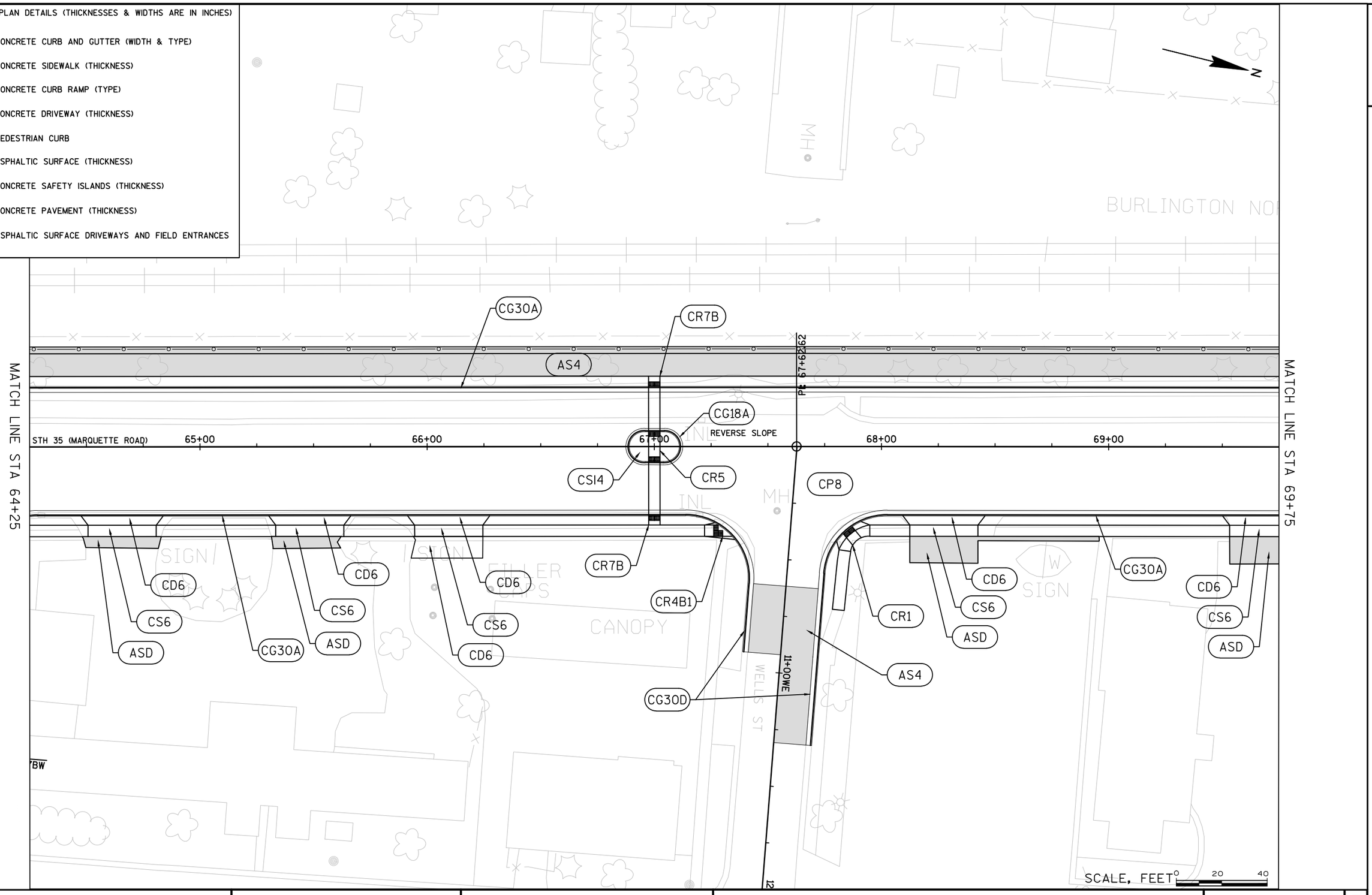
2

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 66	E

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 67	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:46 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

2

2

N

MATCH LINE STA 69+75

MATCH LINE STA 75+75

CG30A

AS4

70+00 71+00 72+00 73+00 74+00 75+00

STH 35 (MARQUETTE ROAD)

CP8

CD6 CS6 ASD

CS4

CG30A

CD6 CS6 ASD

CD6 CS6 ASD

CD6 CS6 ASD

CD6 CS6 ASD

CD6 CS6 ASD

FILLER CAPS

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 68	E

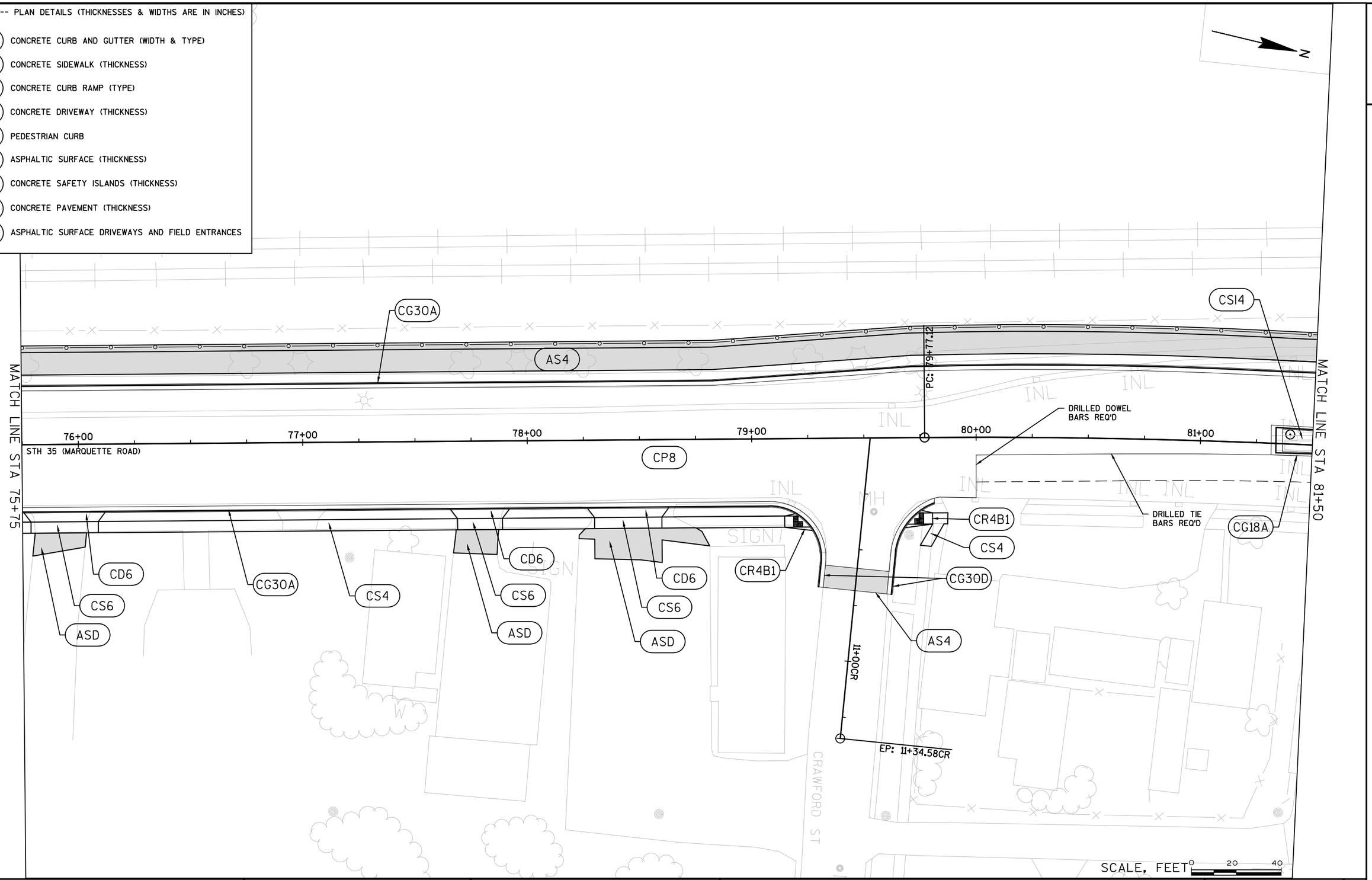
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021201_PD.DWG PLOT DATE : 11/8/2017 1:47 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 69	E

2

N

MATCH LINE STA 81+50

MOONEY ST

12+00 RWN

13+00 RWN

CG30A

CG18A REVERSE SLOPE

CR4B1

CG30A

AS4

CSI4

CP8

CONCRETE CURB ISLAND CORNER

CR6

PT: 83+02.67

PI: 83+08.47

PC: 83+38.73

DRILLED DOWEL BARS REQ'D

82+00 STH 35 (MARQUETTE ROAD)

83+00

84+00

85+00

86+00

87+00

PT: 85+33.63

PI: 86+16.90

CG18A

DRILLED TIE BARS REQ'D

CSI4

INL

SIGN

VACUUM

MH

TAYLOR ST

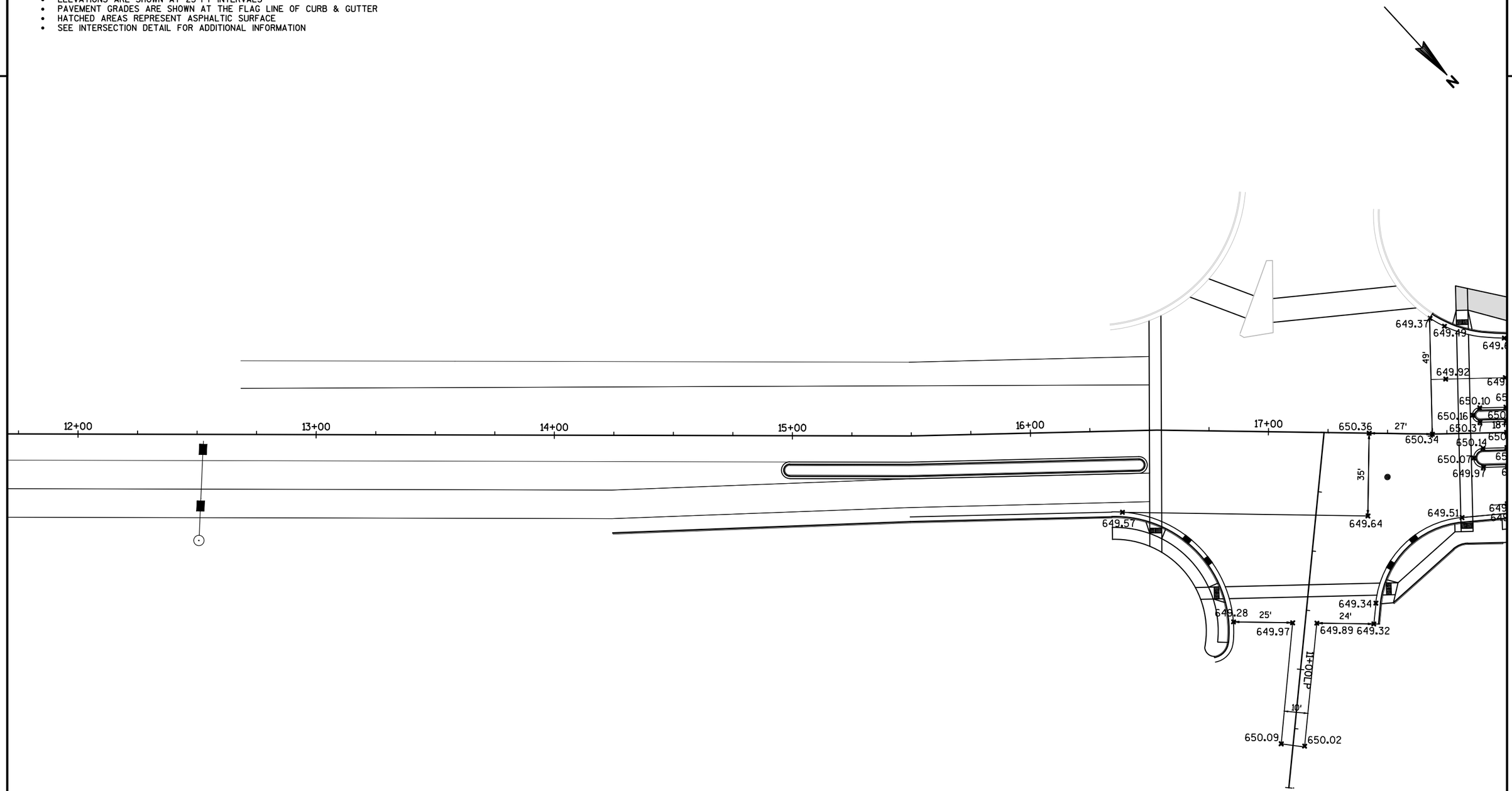
LEGEND -- PLAN DETAILS (THICKNESSES & WIDTHS ARE IN INCHES)

CG	CONCRETE CURB AND GUTTER (WIDTH & TYPE)
CS	CONCRETE SIDEWALK (THICKNESS)
CR	CONCRETE CURB RAMP (TYPE)
CD	CONCRETE DRIVEWAY (THICKNESS)
PC	PEDESTRIAN CURB
AS	ASPHALTIC SURFACE (THICKNESS)
CSI	CONCRETE SAFETY ISLANDS (THICKNESS)
CP	CONCRETE PAVEMENT (THICKNESS)
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

SCALE, FEET 0 20 40

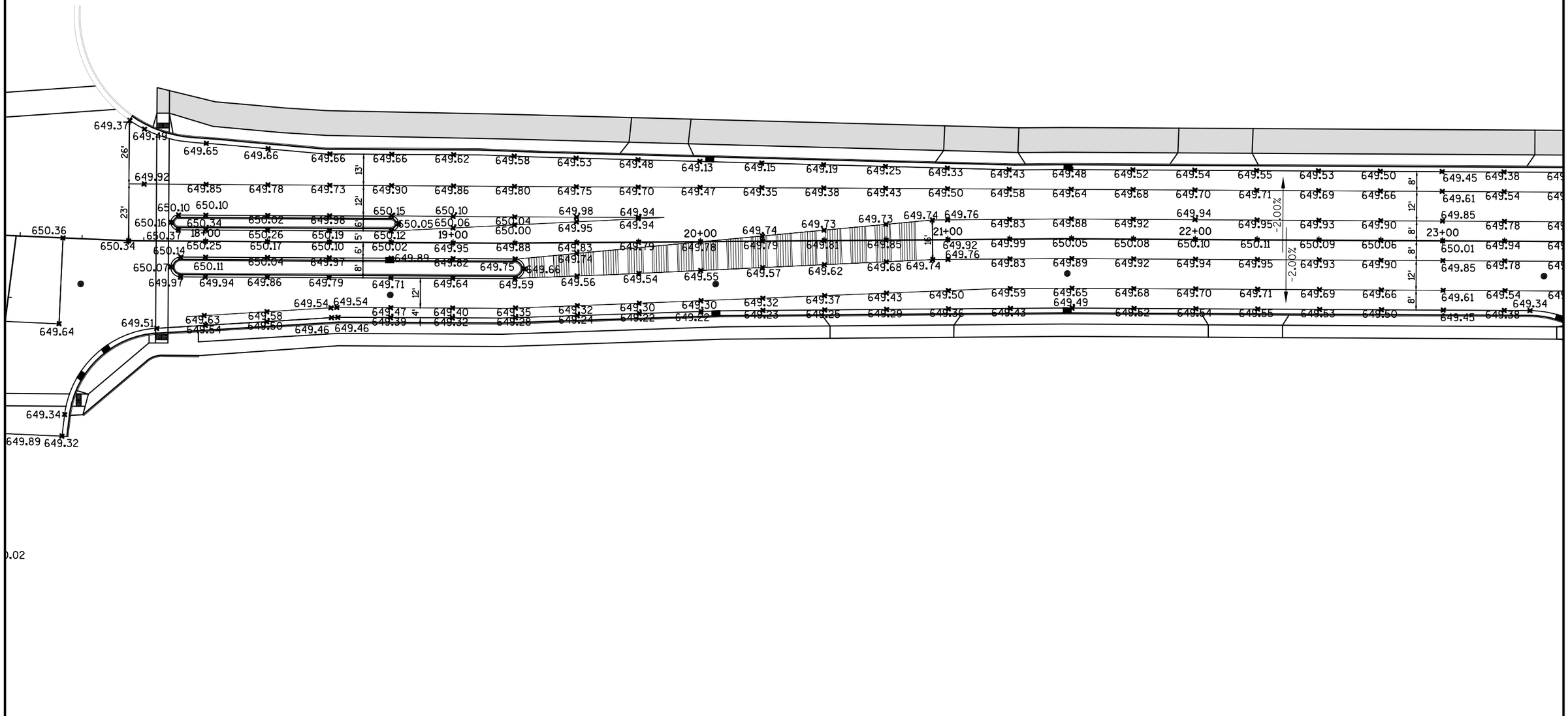
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN DETAILS	SHEET 70	E

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



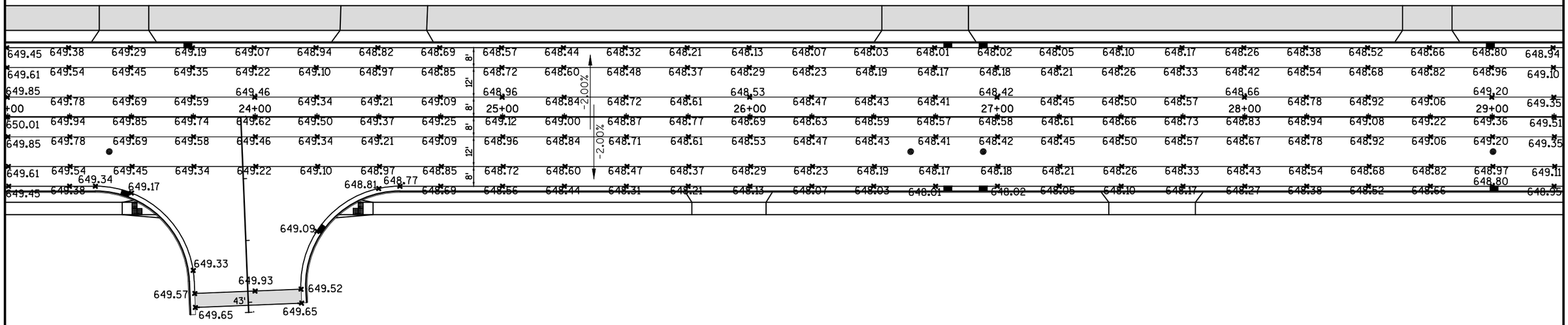
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 71	E

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 72	E

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 73	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021301_JD.DWG
LAYOUT NAME - SHEET - (2)

PLOT DATE : 11/8/2017 1:54 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION

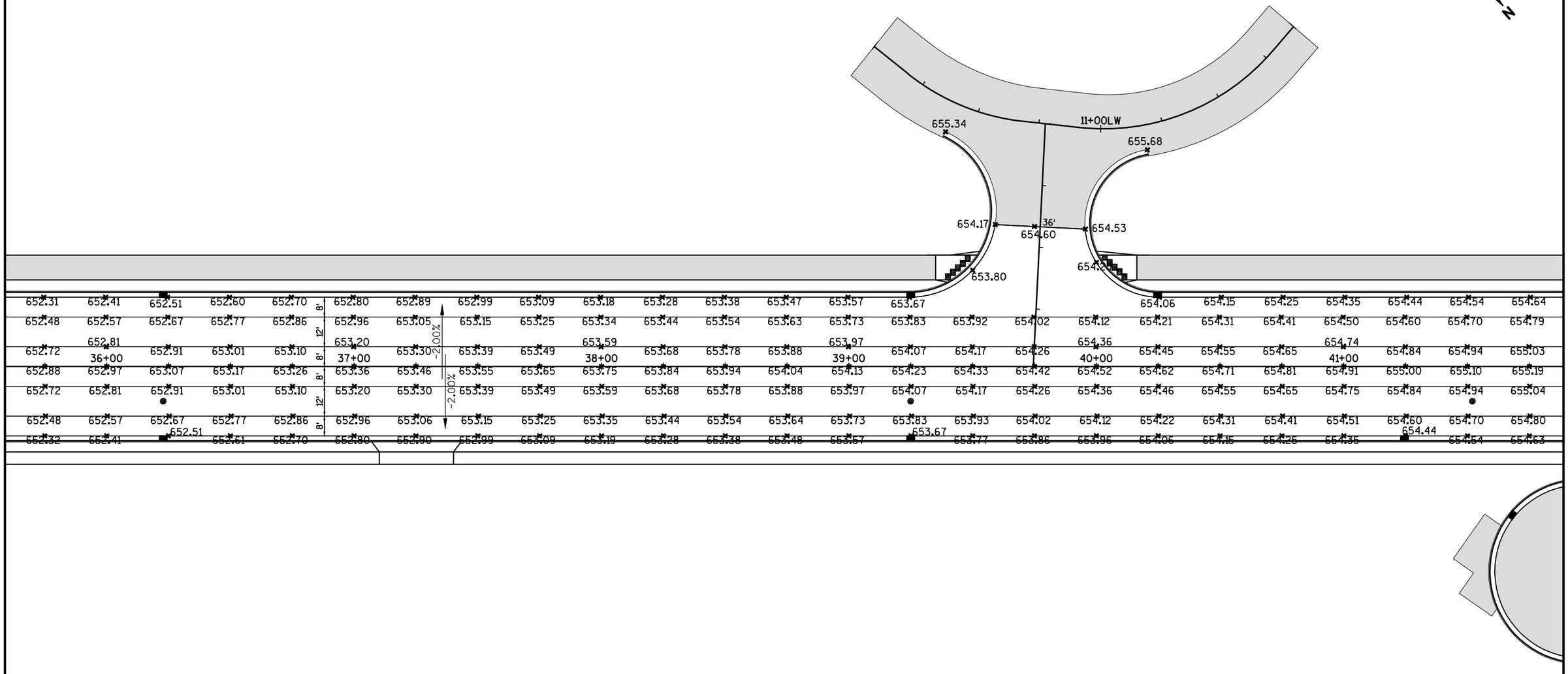
649.09 649.23 649.37 649.51 649.65 649.79 649.94 650.08 650.22 650.36 650.50 650.65 650.79 650.93 651.07 651.21 651.35 651.50 651.64 651.74 651.83 651.93 652.02 652.12 652.22
649.25 649.39 649.53 649.67 649.81 649.95 650.10 650.24 650.38 650.52 650.66 650.81 650.95 651.09 651.23 651.37 651.51 651.66 651.80 651.90 651.99 652.09 652.19 652.28 652.38
649.49 649.63 649.77 649.91 650.05 650.20 650.34 650.48 650.62 650.76 650.90 651.05 651.19 651.33 651.47 651.61 651.76 651.90 652.04 652.14 652.23 652.33 652.43 652.52 652.62
30+00 31+00 32+00 33+00 34+00 35+00
649.65 649.79 649.93 650.07 650.21 650.36 650.50 650.64 650.78 650.92 651.07 651.21 651.35 651.49 651.63 651.77 651.92 652.06 652.20 652.30 652.39 652.49 652.59 652.68 652.78
649.49 649.63 649.77 649.91 650.06 650.20 650.34 650.48 650.62 650.76 650.91 651.05 651.19 651.33 651.47 651.62 651.76 651.90 652.04 652.14 652.23 652.33 652.43 652.52 652.62
649.25 649.39 649.53 649.67 649.82 649.96 650.10 650.24 650.38 650.53 650.67 650.81 650.95 651.09 651.23 651.38 651.52 651.66 651.80 651.90 651.99 652.09 652.19 652.28 652.38
649.09 649.23 649.37 649.51 649.65 649.80 649.94 650.08 650.22 650.36 650.51 650.65 650.79 650.93 651.07 651.21 651.36 651.50 651.64 651.74 651.83 651.93 652.03 652.12 652.22

8' 12' 8' 8' 12' 8'
-2.00% -2.00%

650.62 650.60 651.15 650.94
650.38 650.55 650.44
650.33 33' 11+00MD
650.46
11+00PR
651.20
651.81 33' 651.81

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE NTERSECTION DETAIL FOR ADDITIONAL INFORMATION

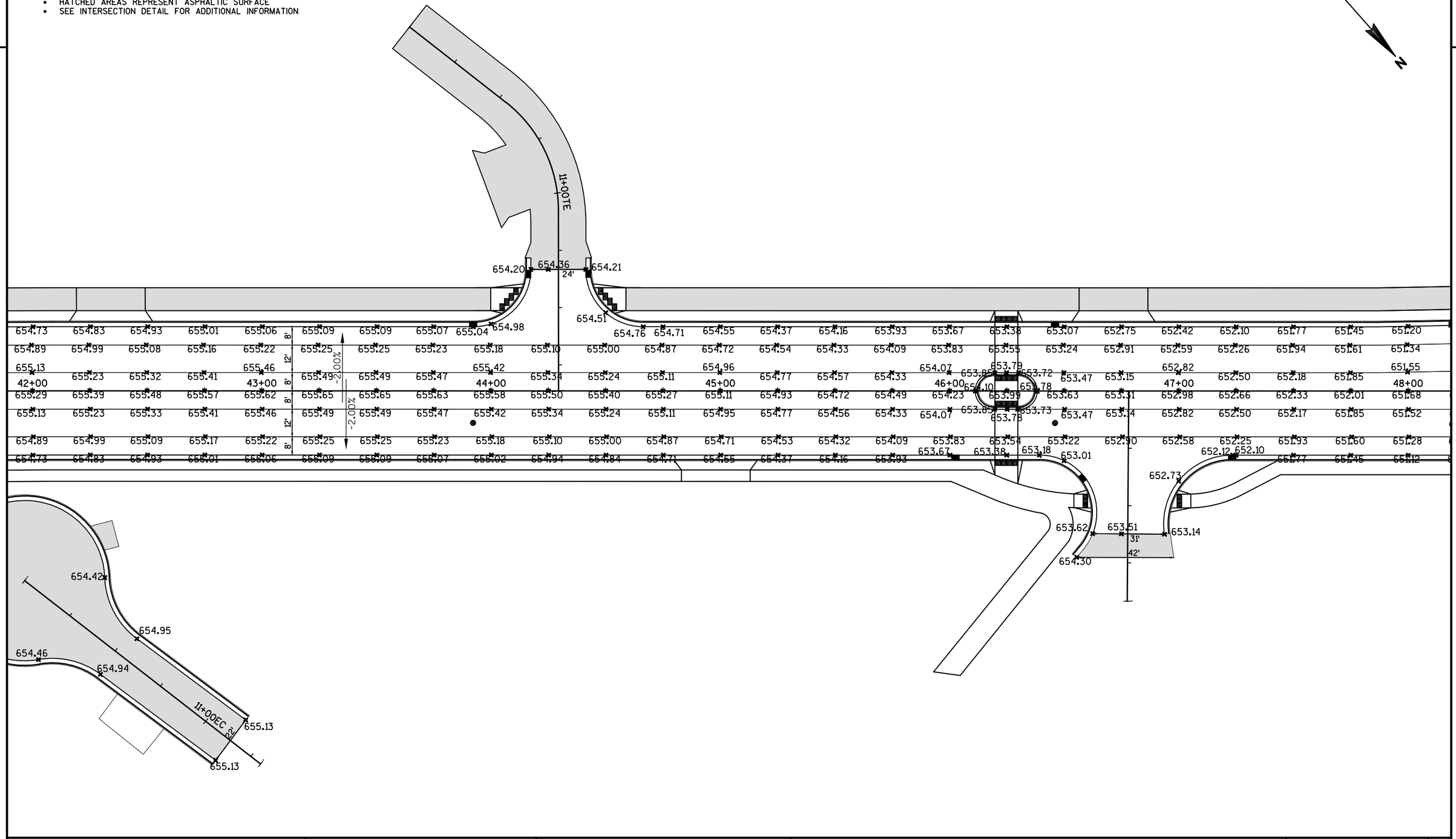
2



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 75	E

2

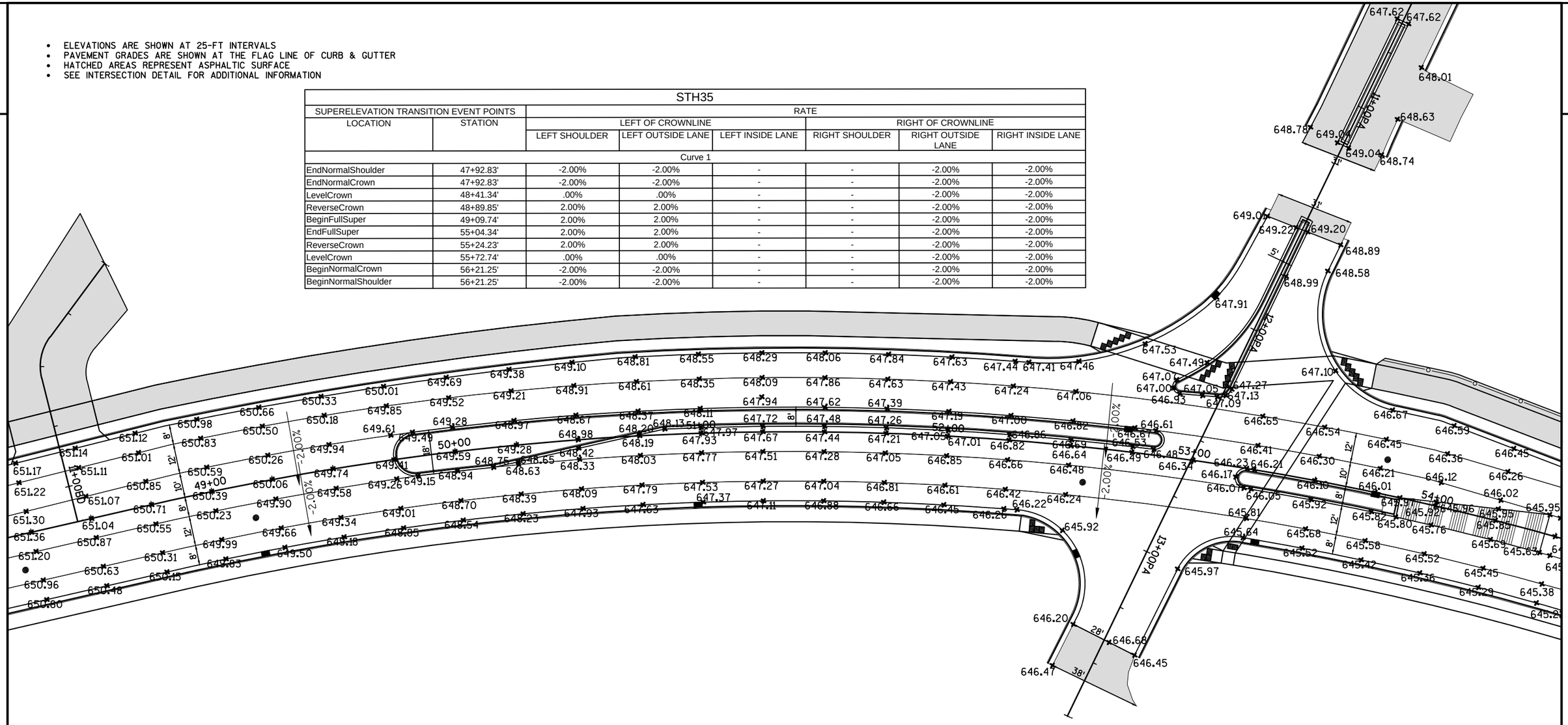
- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 76	E

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION

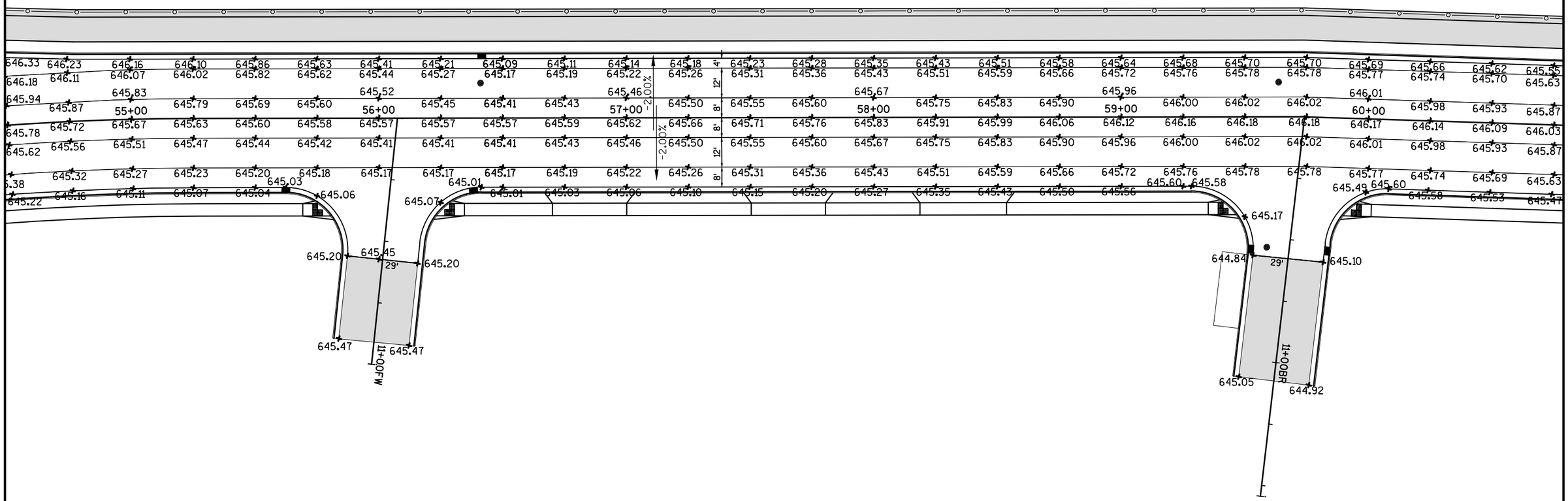
STH35							
SUPERELEVATION TRANSITION EVENT POINTS		RATE					
LOCATION	STATION	LEFT OF CROWNLINE			RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT OUTSIDE LANE	LEFT INSIDE LANE	RIGHT SHOULDER	RIGHT OUTSIDE LANE	RIGHT INSIDE LANE
Curve 1							
EndNormalShoulder	47+92.83'	-2.00%	-2.00%	-	-	-2.00%	-2.00%
EndNormalCrown	47+92.83'	-2.00%	-2.00%	-	-	-2.00%	-2.00%
LevelCrown	48+41.34'	.00%	.00%	-	-	-2.00%	-2.00%
ReverseCrown	48+89.85'	2.00%	2.00%	-	-	-2.00%	-2.00%
BeginFullSuper	49+09.74'	2.00%	2.00%	-	-	-2.00%	-2.00%
EndFullSuper	55+04.34'	2.00%	2.00%	-	-	-2.00%	-2.00%
ReverseCrown	55+24.23'	2.00%	2.00%	-	-	-2.00%	-2.00%
LevelCrown	55+72.74'	.00%	.00%	-	-	-2.00%	-2.00%
BeginNormalCrown	56+21.25'	-2.00%	-2.00%	-	-	-2.00%	-2.00%
BeginNormalShoulder	56+21.25'	-2.00%	-2.00%	-	-	-2.00%	-2.00%



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 77	E

2

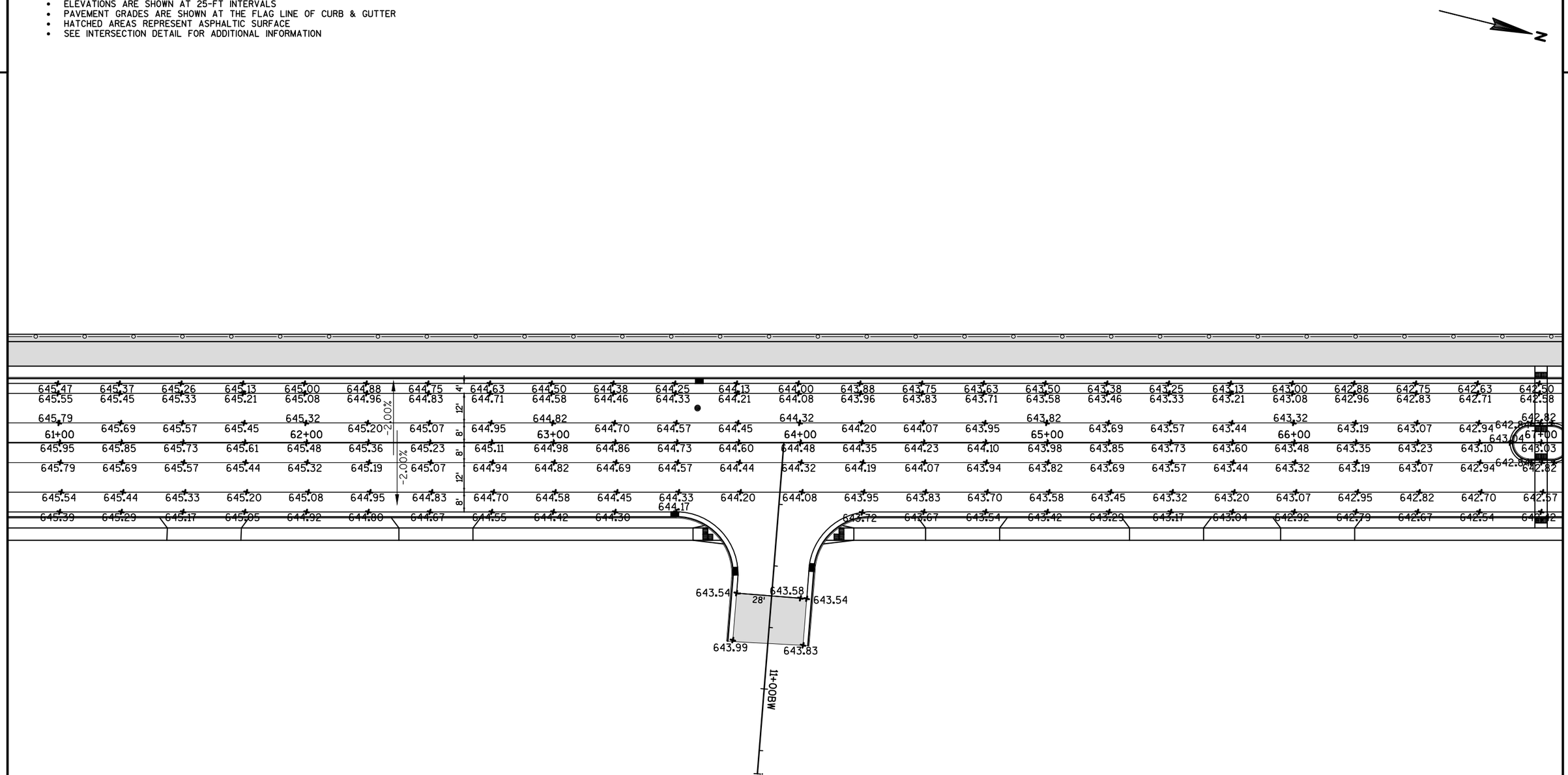
- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 78	E

2

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



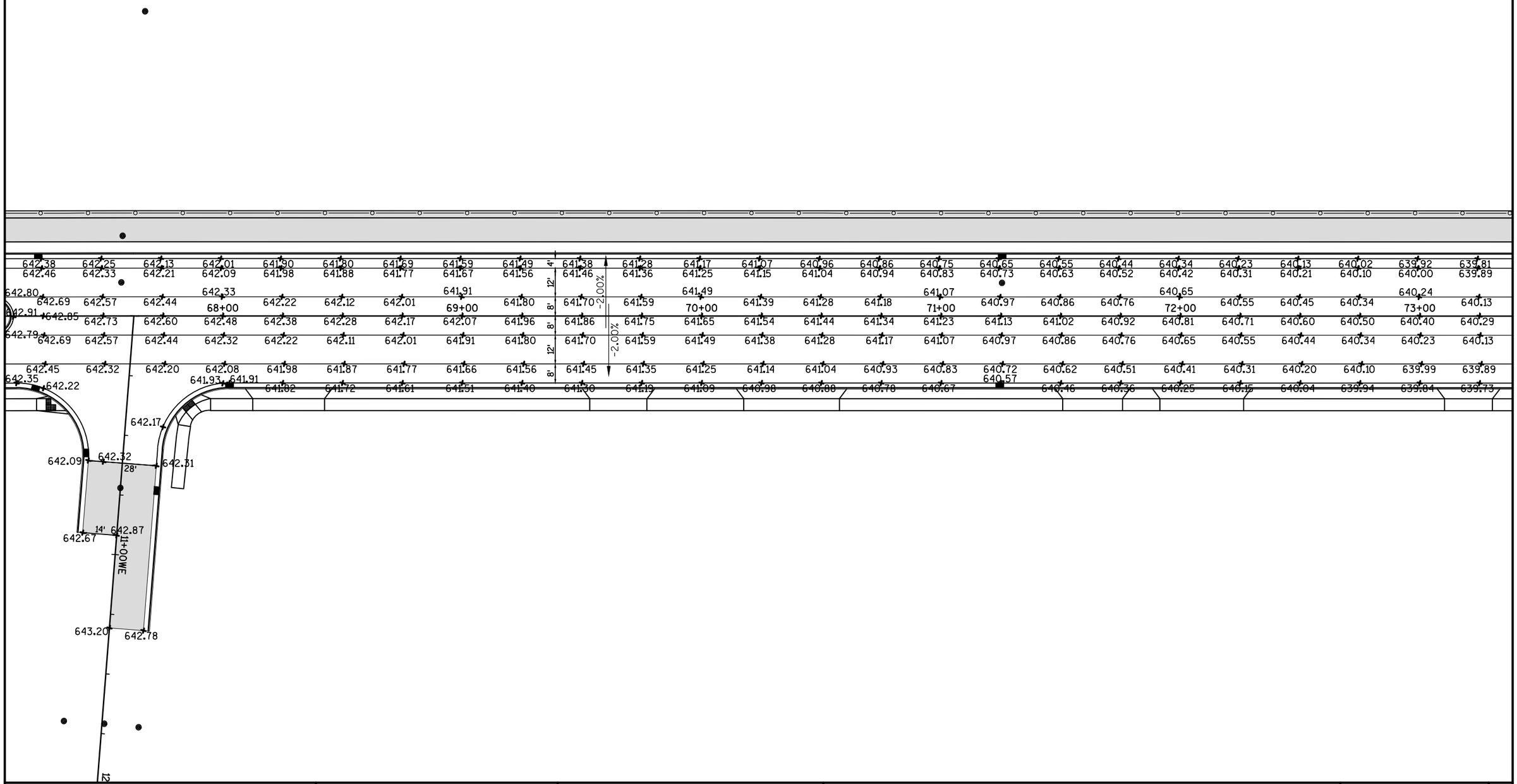
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 79	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\021301_JD.DWG
LAYOUT NAME - SHEET - (8)

PLOT DATE : 11/8/2017 1:54 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

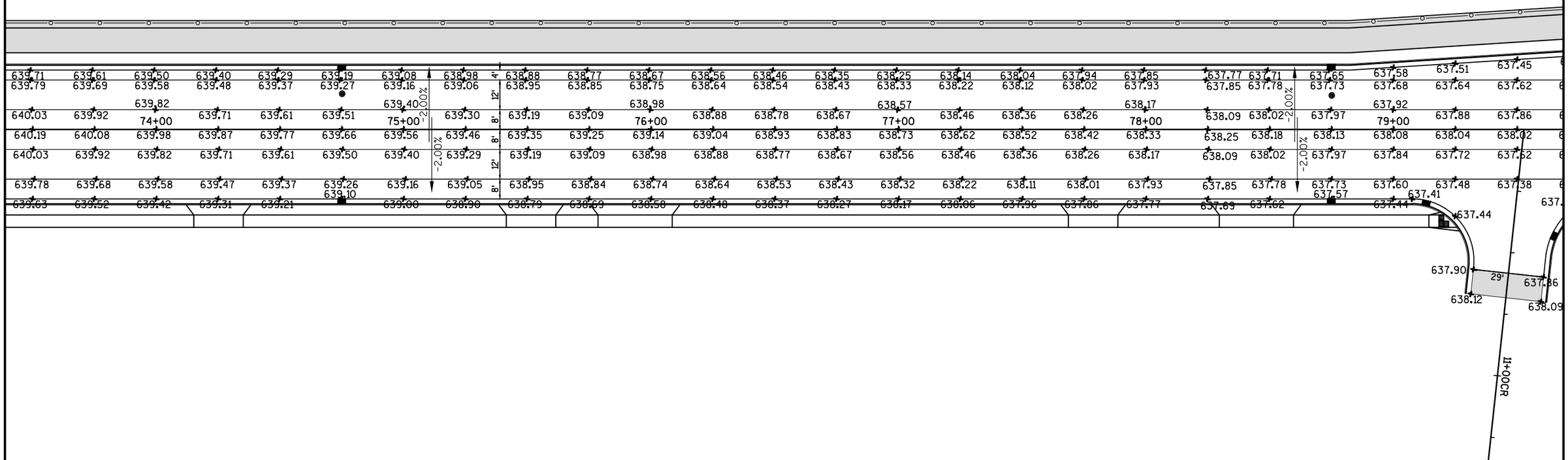
WISDOT/CADDS SHEET 42

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 80	E

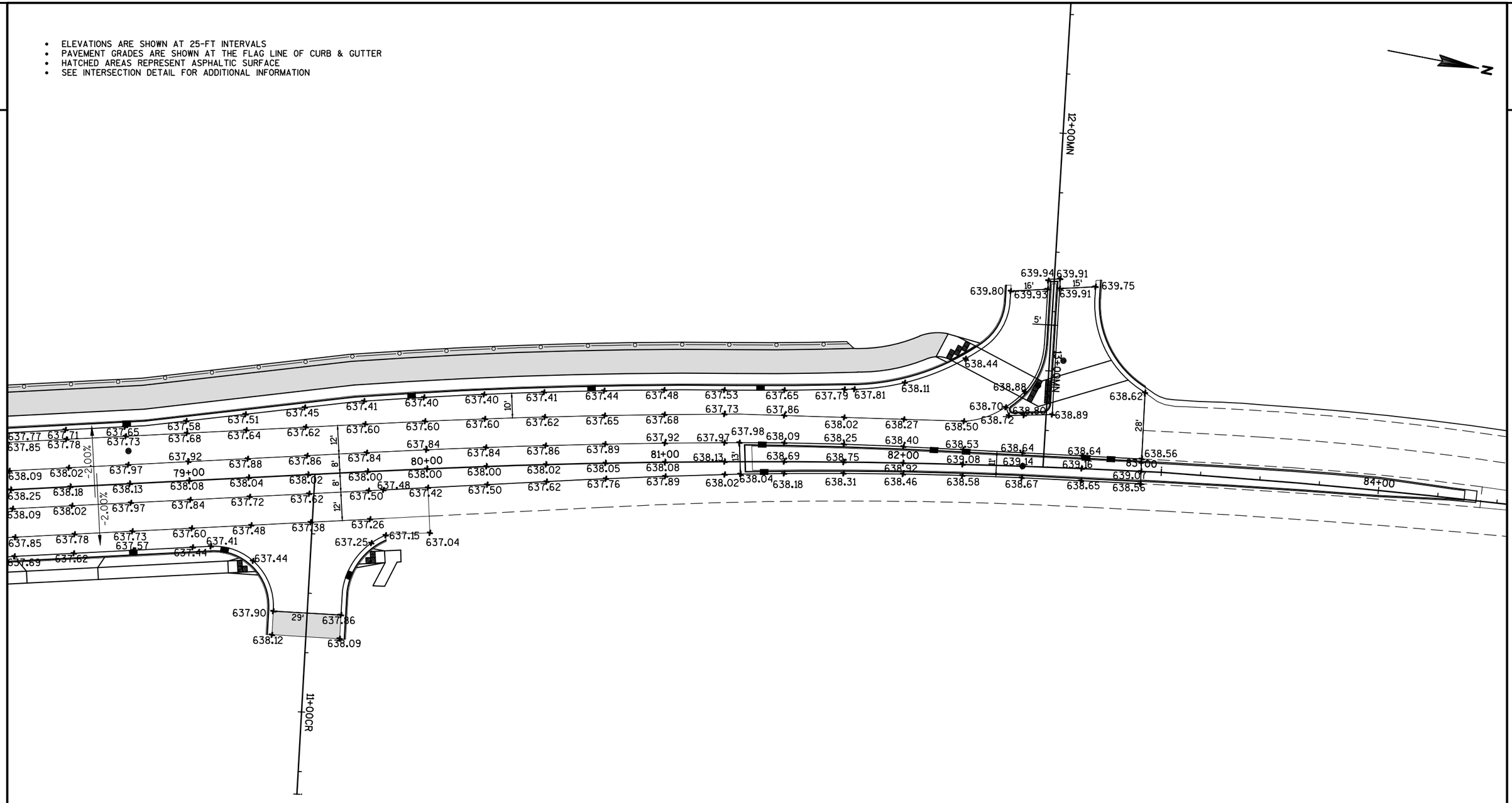
- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 81	E

2

- ELEVATIONS ARE SHOWN AT 25-FT INTERVALS
- PAVEMENT GRADES ARE SHOWN AT THE FLAG LINE OF CURB & GUTTER
- HATCHED AREAS REPRESENT ASPHALTIC SURFACE
- SEE INTERSECTION DETAIL FOR ADDITIONAL INFORMATION



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAIL	SHEET 82	E

2

WDOT PROJECT
NO. 1661-05-86
PROJECT LIMITS

SAWCUT

EXTG BOC
638.80'

SAWCUT

BP: 10+00.00

10+00

10+50

11+00

11+50

12+00

12+50

PI: 11+34.58

638.00 638.08 638.16 638.24 638.32 638.40

14.6' 15.6'

638.39 638.49 638.59 638.68 638.77 638.90

13.9' 12.9'

638.09 638.19 638.29 638.38 638.47 638.60

3.0'

CRAWFORD ST

S.T.H. '35'

EXTG BOC
639.09'

SAWCUT

2 ½" ASPHALTIC DRIVEWAY

4" ASPHALTIC SURFACE
8" BASE AGGREGATE DENSE

N
W E
S

GRAPHIC SCALE FEET
0 5 10 20

4" ASPHALTIC SURFACE
8" BASE AGGREGATE DENSE

SAWCUT

26' LT

EXTG BOC
643.70'

642.79 642.87 642.97 643.07 643.17 643.27

SAWCUT

14.1'

EP: 12+83.77

WDOT PROJECT NO.
1661-05-86
PROJECT LIMITS

10+50

11+00

11+50

12+00

12+50

642.94 643.01 643.09 643.29 643.27 643.37 643.47 643.80

PI: 11+30.74

14.4'

WELLS ST

642.61 642.71 642.81 642.86 642.80 642.85 642.90 643.07

643.16

EXTG BOC
643.60'

R15.0'

STA: 11+87.5
OFF: 31.9'R

R15.0'

642.95

643.21

35' RT

EXTG BOC
643.93'

EXTG BOC
643.61'

STA: 12+46.1
OFF: 32.5'R

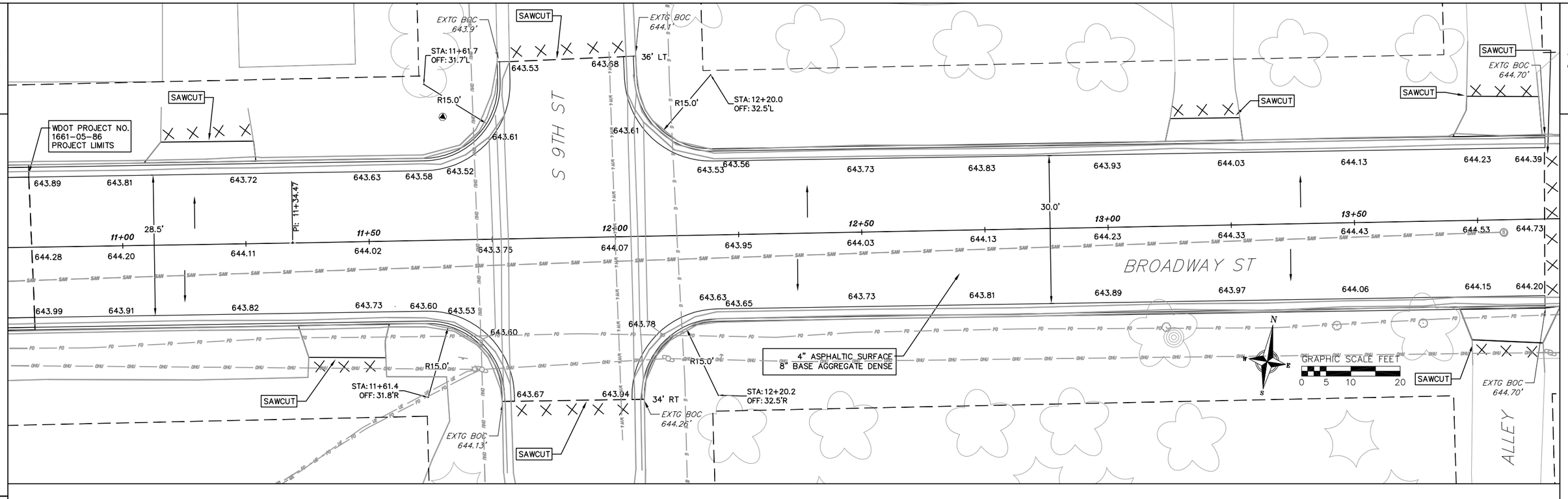
SAWCUT

S 9TH ST

S.T.H. '35'

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAILS – CRAWFORD & WELLS – CATEGORY 0040

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PAVING DETAILS.DWG PLOT DATE : 11/11 PLOT BY : TODD HALVENSLEBEN



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVING DETAILS – BROADWAY – CATEGORY 0040

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PAVING DETAILS.DWG PLOT DATE : 11/11 PLOT BY : TODD HALVENSLEBEN

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

N

BEGIN STAGE 1
STA. 67+50

BURLINGTON NORTHERN & SANTA FE

8TH ST

9TH ST

7TH ST

BRUNSON ST

BROADWAY ST

WELLS ST

FOWLER ST

STH 35/MARQUETTE ROAD

SLOPE INTERCEPT

TLE

STH 35 R/W

RR P.L.

HE

56+00 58+00 60+00 62+00 64+00 66+00 68+00 70+00

FILLER CAPS

CANOPY

RAMP

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 1	SHEET 85	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022001_EC.DWG PLOT DATE : 11/8/2017 2:02 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

SLOPE INTERCEPT

TLE

STH 35 R/W

RR P.L.

EXISTING HE

72+00 74+00 76+00 78+00 80+00 82+00 84+00 86+00

STH 35/MARQUETTE ROAD

STH 35 R/W

TLE

SLOPE INTERCEPT

CRAWFORD ST

MOONEY ST

OHIO ST

OHIO ST

TAYLOR ST

BLEACHERS

FIELD

VACUUM

SIGN

MH

INL

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 1	SHEET 86 E

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

END PROJECT
STA. 88+50

84+00
86+00
88+00
90+00

S. ILLINOIS ST.

BURLINGTON NORTHERN & SANTA FE

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 1	SHEET 87	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022001_EC.DWG PLOT DATE : 11/8/2017 2:03 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

BEGIN STAGE 2
STA. 45+00

SLOPE INTERCEPT

TLE

R/W

STH 35/MARQUETTE ROAD

44+00

46+00

48+00

50+00

52+00

54+00

56+00

58+00

RR P.I.

10TH ST

11TH ST

9TH ST

8TH ST

7TH ST

CAMPION BLVD

PARRISH ST

FOWLER ST

BURLINGTON NORTHERN & SANTA FE

ATHLETIC FIELD

STATUE

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 2	SHEET 88	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022002_EC.DWG PLOT DATE : 11/8/2017 2:54 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

N

8TH ST

BRUNSON ST

BROADWAY ST

WELLS ST

7TH ST

END STAGE 2
67+50

BURLINGTON NORTHERN & SANTA FE

TLE

RR P.L.

R/W

SLOPE INTERCEPT

HE

56+00

58+00

60+00

62+00

64+00

66+00

68+00

70+00

STH 35/MARQUETTE ROAD

9TH ST

FOWLER ST

CANOPY

FILLER CAPS

RAMP

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 2	SHEET 89	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022002_EC.DWG PLOT DATE : 11/8/2017 2:55 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

N

MOONEY ST

C FIELD

BLEACHERS

FIELD

SCOREBOARD

SLOPE INTERCEPT

RR P.L.

TLE

R/W

EXISTING HE

SILT FENCE

72+00

74+00

76+00

78+00

80+00

82+00

84+00

86+00

STH 35/MARQUETTE ROAD

R/W

SLOPE INTERCEPT

TLE

CRAWFORD ST

OHIO ST

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 2	SHEET 90	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022002_EC.DWG PLOT DATE : 11/8/2017 2:55 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

EXISTING HE
TLE
R/W
SLOPE INTERCEPT
SLOPE INTERCEPT
R/W
END PROJECT
STA. 88+50
82+00
84+00
86+00
88+00
90+00
S. ILLINOIS ST.
BURLINGTON NORTHERN & SANTA FE
SCOREBOARD
BLEACHERS
FIELD
VACUUM
VACUUM
VACUUM
SIGN
FILLER CAPS
CANOPY
MOBILE HOMES STORAGE
A/C
U/C
MH
INL
W
N
SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 2	SHEET 91	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022002_EC.DWG PLOT DATE : 11/8/2017 2:56 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

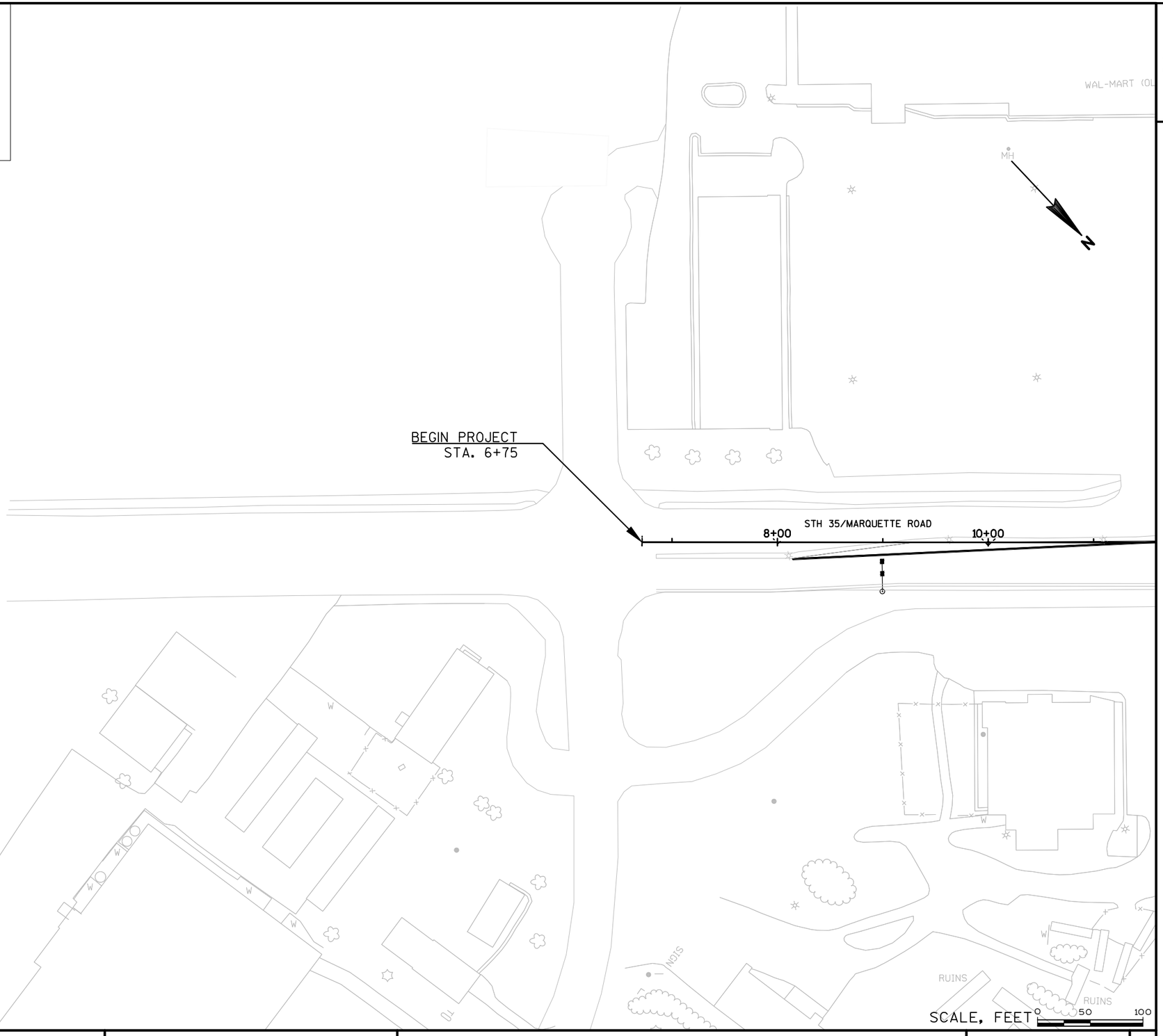
LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 3	SHEET 92	E

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

USH 18/LA POINTE ST

LA POINTE ST

STH 35/MARQUETTE ROAD

15TH ST

LESSARD ST

INLET PROTECTION TYPE B

SLOPE INTERCEPT

R/W

TLE

12+00 14+00 16+00 18+00 20+00 22+00 24+00 26+00

SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 3	SHEET 93 E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022003_EC.DWG PLOT DATE : 11/8/2017 3:06 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

STH 35/MARQUETTE ROAD

28+00 30+00 32+00 34+00 36+00 38+00 40+00 42+00

PRAIRIE ST

LOCKWOOD ST

11TH ST

12TH ST

13TH ST

TLE

R/W

SLOPE INTERCEPT

MINI GOLF COURSE

POOL

SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 3	SHEET 94	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022003_EC.DWG PLOT DATE : 11/8/2017 3:06 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

WISDOT/CADDS SHEET 42

LEGEND

= INLET PROTECTION TYPE C

= DIRECTION OF DRAINAGE FLOW

= EROSION MAT URBAN CLASS I TYPE A

= SILT FENCE

END STAGE 3
45+00

SLOPE INTERCEPT

R/W

TLE

44+00

46+00

48+00

50+00

52+00

54+00

56+00

58+00

STH 35/MARQUETTE ROAD

SLOPE INTERCEPT

10TH ST

CAMPION BLVD

11TH ST

9TH ST

8TH ST

7TH ST

PARRISH ST

FOWLER ST

BURLINGTON NORTHERN & SANTA FE

ATHLETIC FIELD

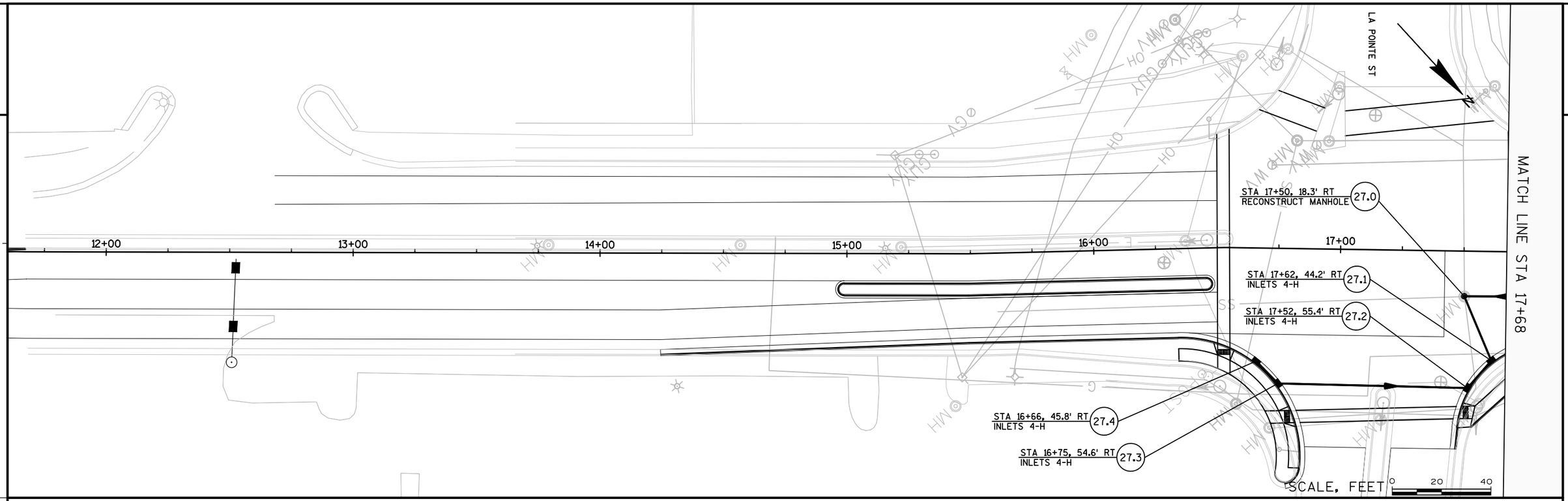
STATUE

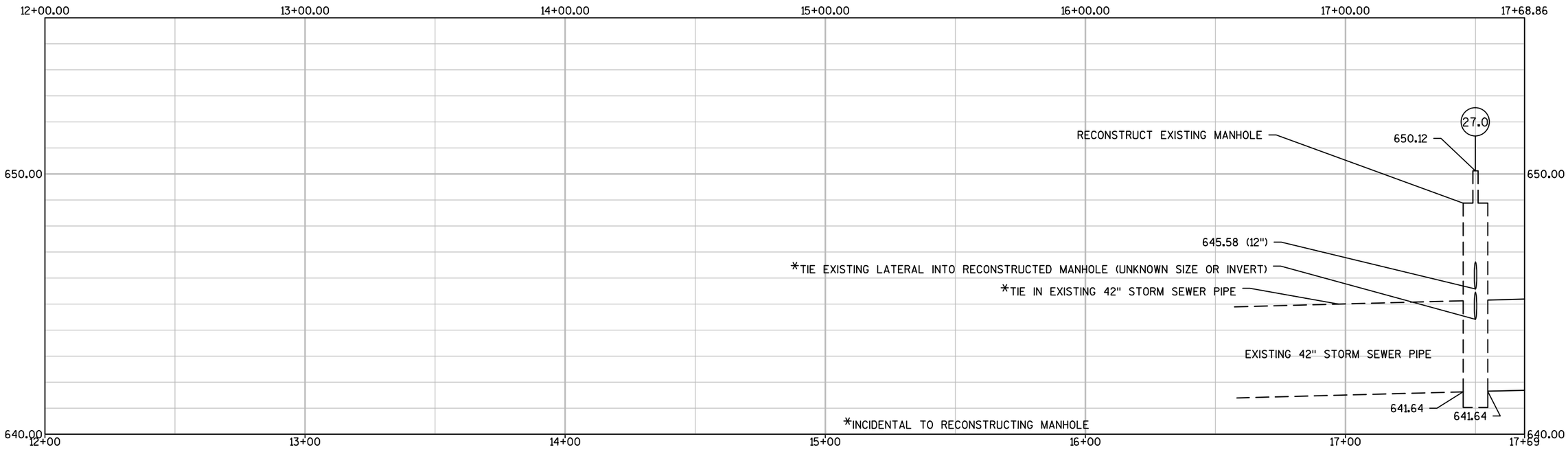
SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	EROSION CONTROL - STAGE 3	SHEET 95	E

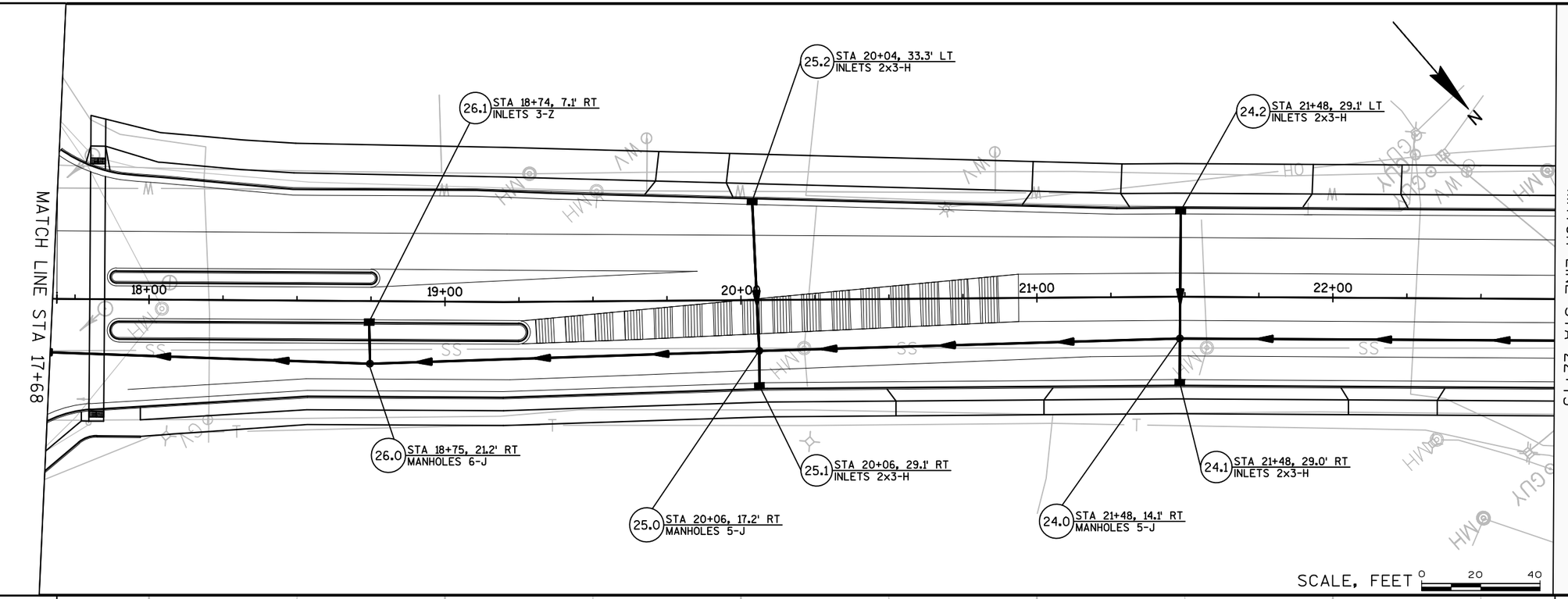
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022003_EC.DWG PLOT DATE : 11/8/2017 3:07 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF

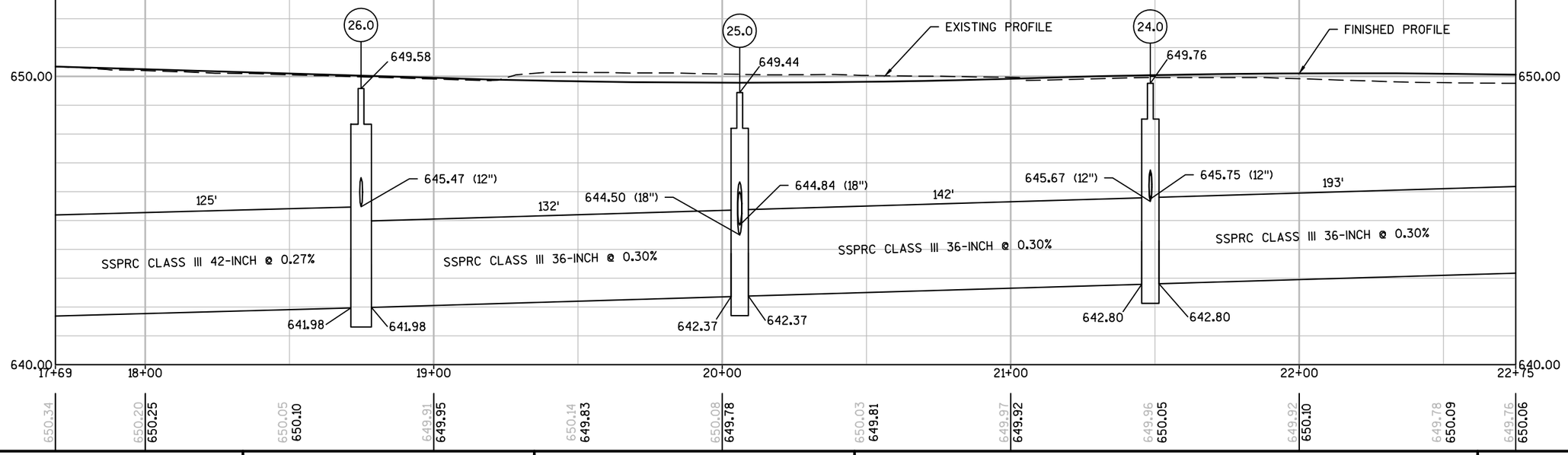
WISDOT/CADDS SHEET 42





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 96	E





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 97	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022502_SS
PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

2

MATCH LINE STA 22+75

MATCH LINE STA 28+25

23.0 STA 23+41, 14.1' RT
MANHOLES 8-J

23.3 STA 23+73, 29.0' LT
INLETS 2x3-H

STA 26+94, 29.0' LT
INLETS 4-H 21.2

STA 26+80, 29.3' LT
INLETS 4-B-A 22.2

21.0 STA 26+94, 14.0' RT
MANHOLES 6-J

23+00 24+00 25+00 26+00 27+00 28+00

15TH ST

23.1 STA 24+27, 45.3' RT
INLETS 4-H

STA 26+65, 14.0' RT
MANHOLES 8-J 22.0

21.1 STA 26+94, 29.0' RT
INLETS 2x3-H

22.1 STA 26+80, 29.0' RT
INLETS 4-H

23.2 STA 23+47, 30.9' RT
INLETS 4-H

SCALE, FEET 0 20 40

23.0 649.60 FINISHED PROFILE EXISTING PROFILE 22.0 21.0

650.00 650.00

648.30 648.30

645.35 (12") 644.48 (18") 644.34 (14" X 23" HORIZONTAL ELLIPTICAL) 644.34 (14" X 23" HORIZONTAL ELLIPTICAL)

324' 29' 206'

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

644.34 644.34 644.42 644.42

643.37 643.37

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

644.42 (14" X 23" HORIZONTAL ELLIPTICAL)

SSPRC CLASS III 36-INCH @ 0.30%

640.00 640.00

22+75 23+00 24+00 25+00 26+00 27+00 28+00 28+25

649.76	649.69	649.56	649.42	649.25	649.10	648.96	648.81	648.67	648.62	648.65	648.87	649.03
650.06	650.01	649.85	649.62	649.37	649.12	648.87	648.69	648.59	648.58	648.66	648.83	648.94

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 98	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022503_SS

PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

2

MATCH LINE STA 28+25

MATCH LINE STA 33+75

20.C STA 28+99, 29.0' LT
INLETS 4-H

20.A STA 29+00, 14.0' RT
MANHOLES 6-J

20.B STA 29+01, 29.0' RT
INLETS 4-H

20.2 STA 30+42, 29.0' LT
INLETS 2x3-H

STA 30+43, 14.0' RT
MANHOLES 6-J 20.0

20.1 STA 30+43, 29.0' RT
INLETS 2x3-H

STA 31+84, 29.0' LT
INLETS 2x3-H 19.1

STA 31+86, 14.1' RT
MANHOLES 6-J 19.0

TIE IN EXISTING 4" PIPE
FROM CAR DEALERSHIP
INTO INLET 19.1
(INCIDENTAL TO INLET 19.1)

STA 32+22, 29.0' RT
INLETS 4-H 18.1

STA 32+50, 55.3' RT
INLETS 4-H 18.A

STA 33+03, 29.0' LT
INLETS 2x3-H 18.3

18.2 STA 32+84, 56.8' RT
INLETS 4-H

18.0 STA 32+98, 14.0' RT
MANHOLES 6-J

PRAIRIE ST

N

SCALE, FEET 0 20 40

29+00 30+00 31+00 32+00 33+00

EXISTING PROFILE

FINISHED PROFILE

20.A 649.09

20.0 649.89

19.0 650.71

18.0 651.34

650.00

645.48 (14" X 23" HORIZONTAL ELLIPTICAL)

645.88 (12")

143'

143'

112'

646.73 (18")

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

645.05

645.05

645.05 (12")

645.48

645.48

645.91

645.91

646.39 (18")

646.25

646.25

646.25 (18")

SSPRC CLASS III 24-INCH @ 0.30%

SSPRCHE CLASS HE-IV 24X38-INCH @ 0.30%

640.00

28+25 29+00 30+00 31+00 32+00 33+00 33+75

649.03	648.94	649.24	649.08	649.71	649.36	650.14	649.65	650.49	649.93	650.77	650.21
651.00	650.50	651.19	650.78	651.38	651.07	651.54	651.35	651.69	651.63	651.87	651.92	651.97	652.06

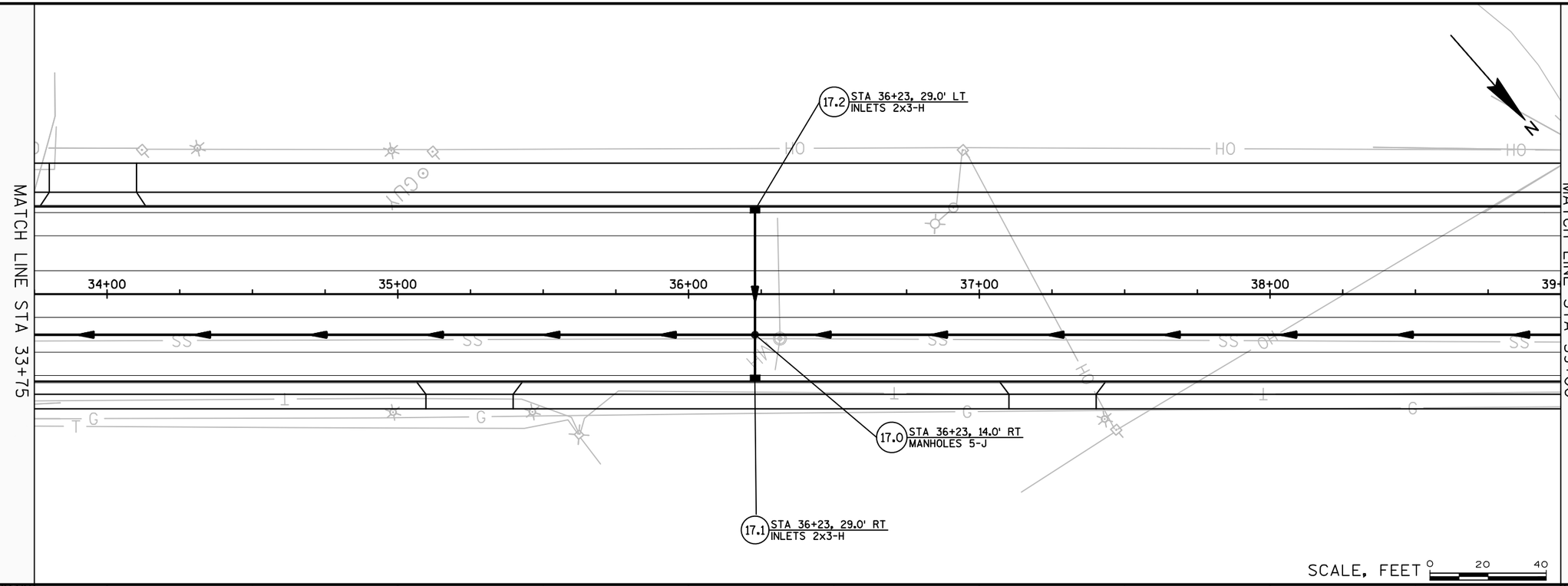
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 99	E

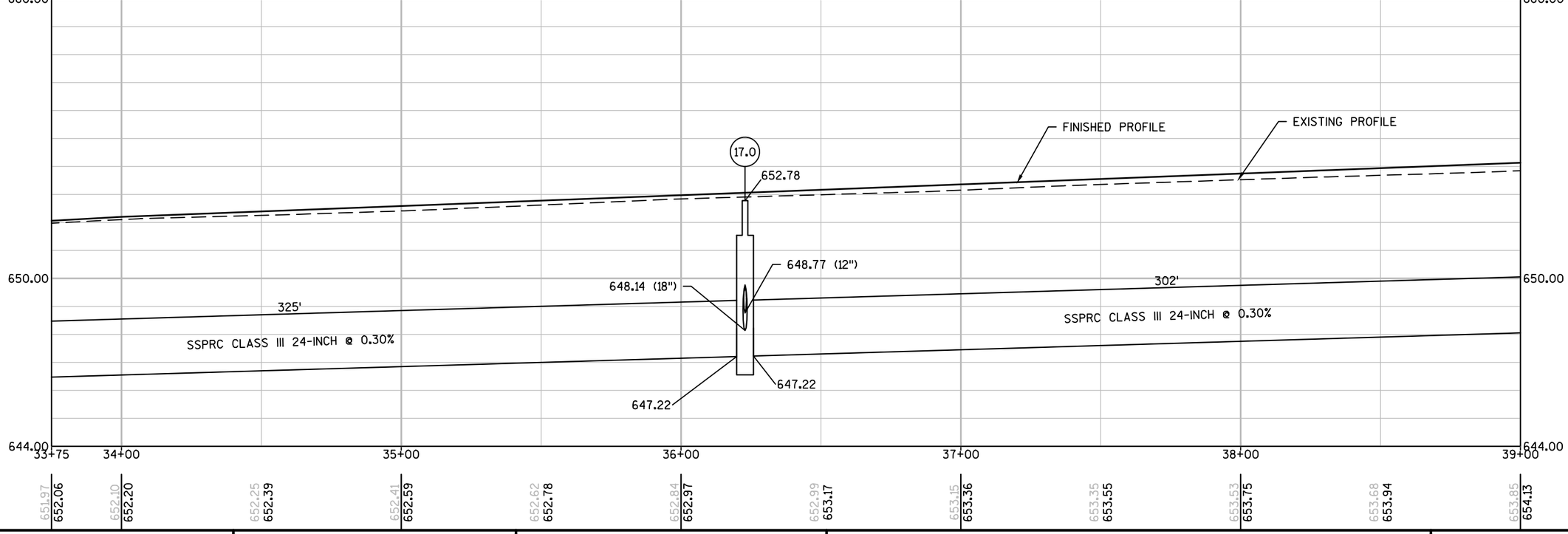
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022504_SS

PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

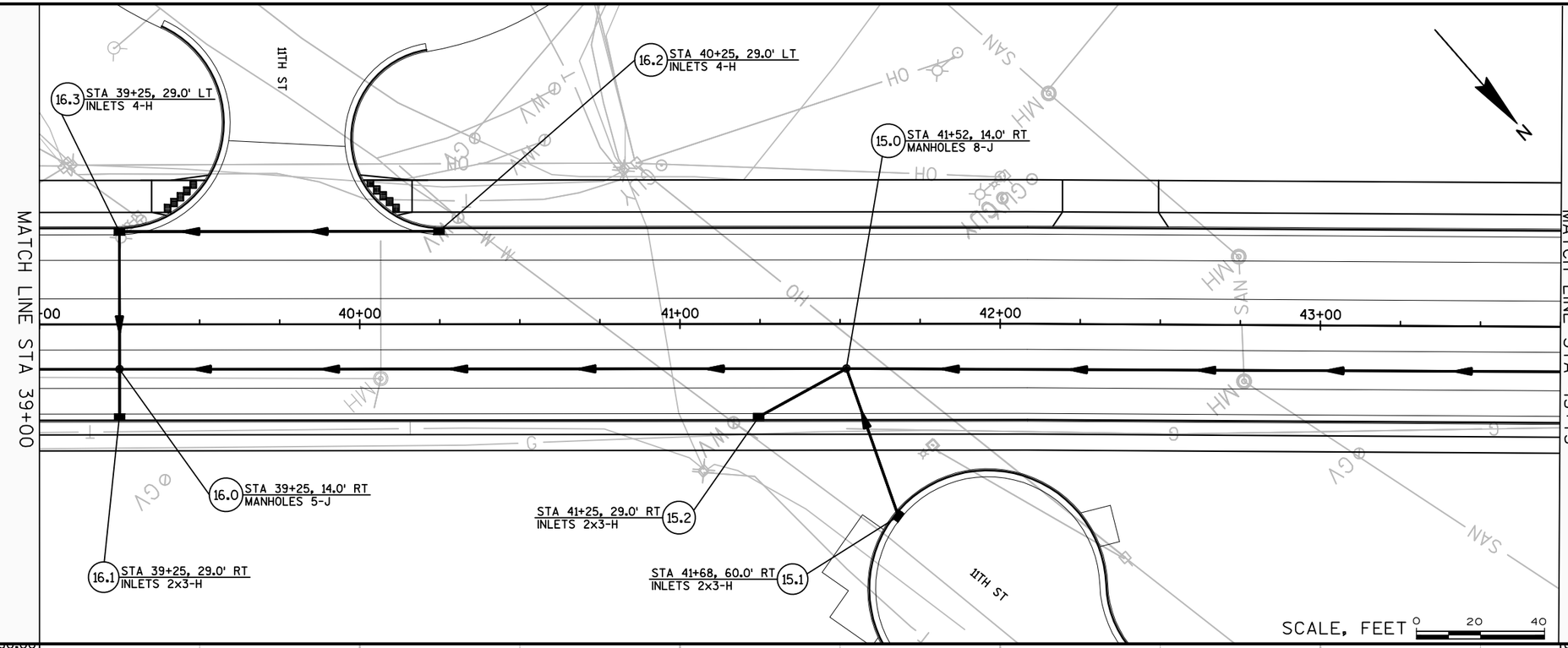
2

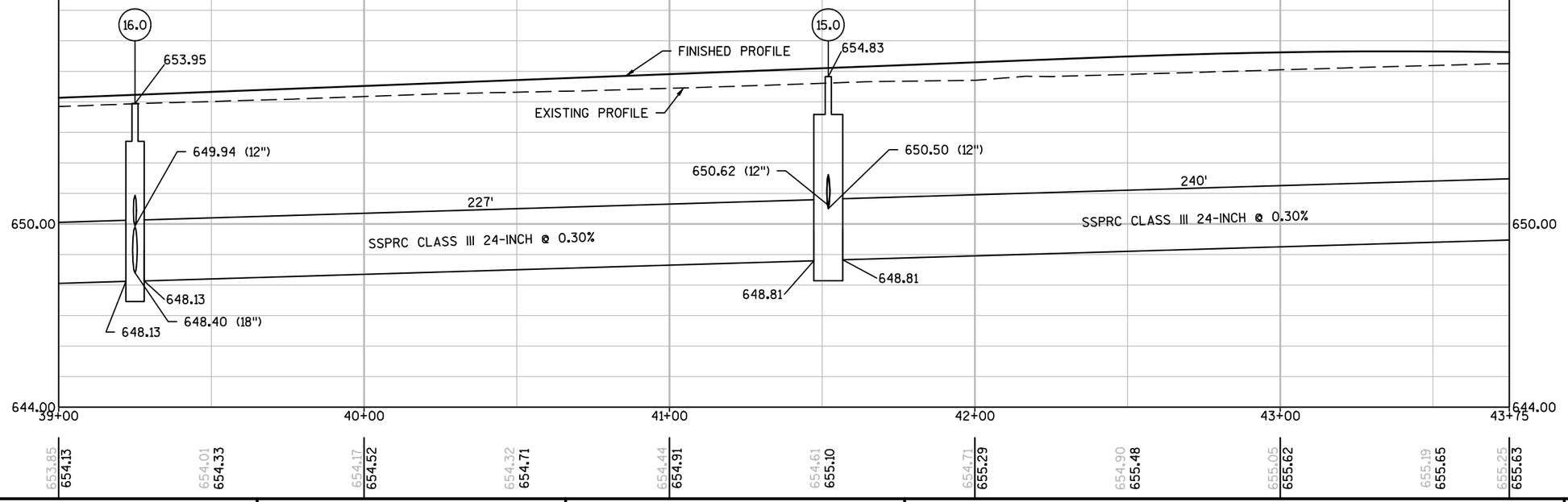




PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 100	E

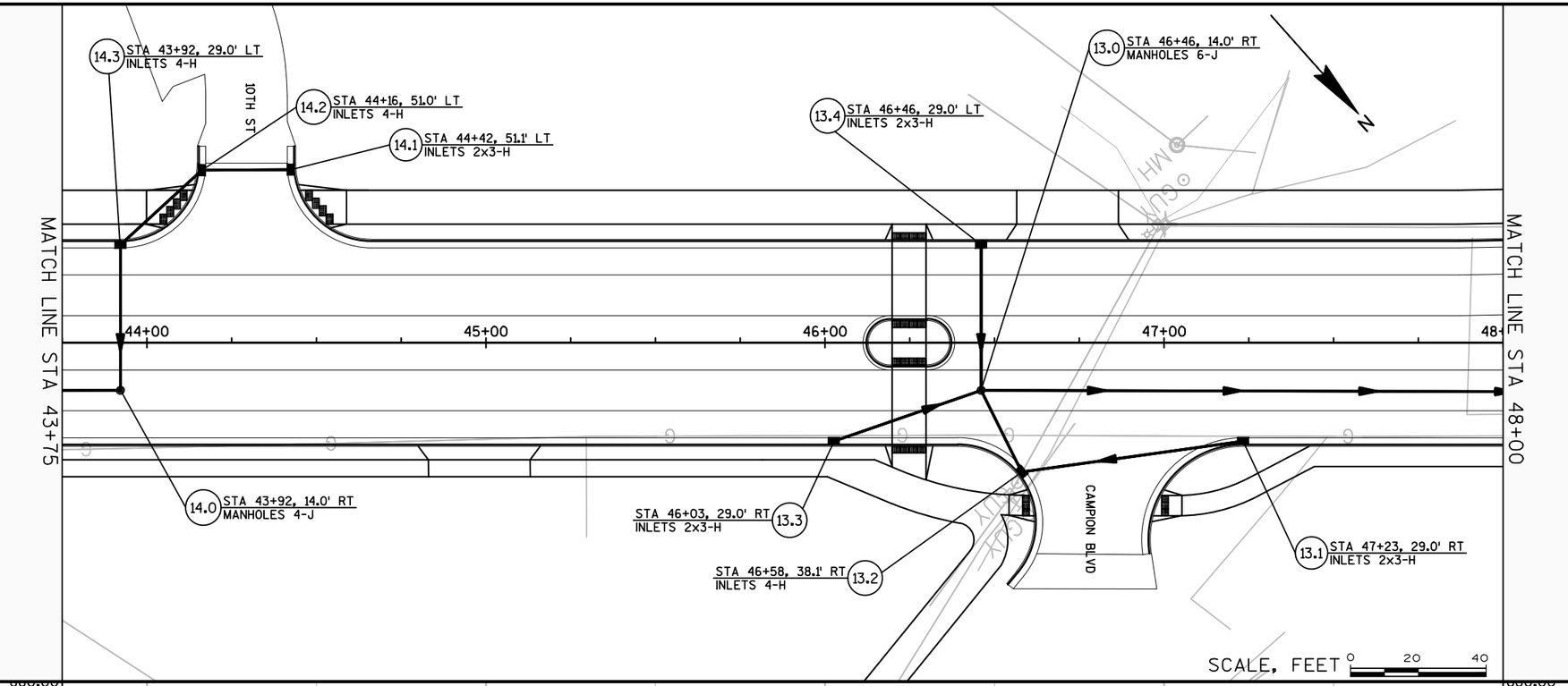
2

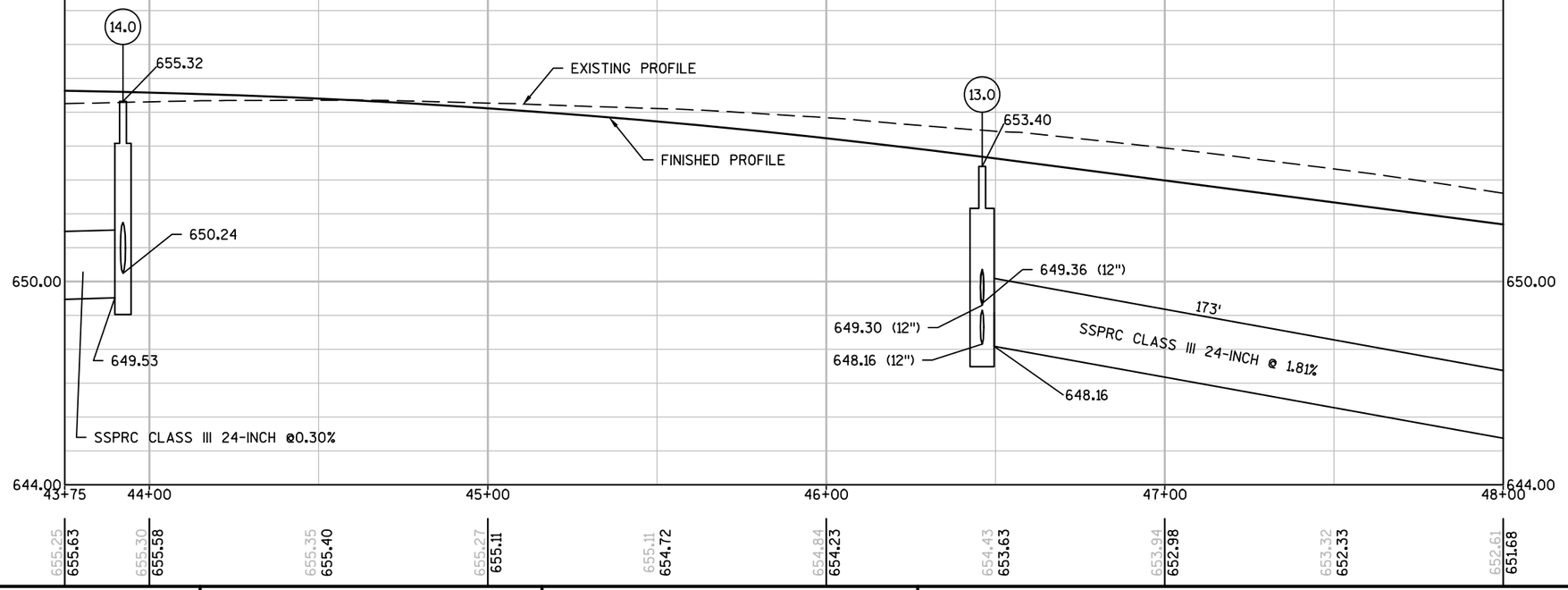




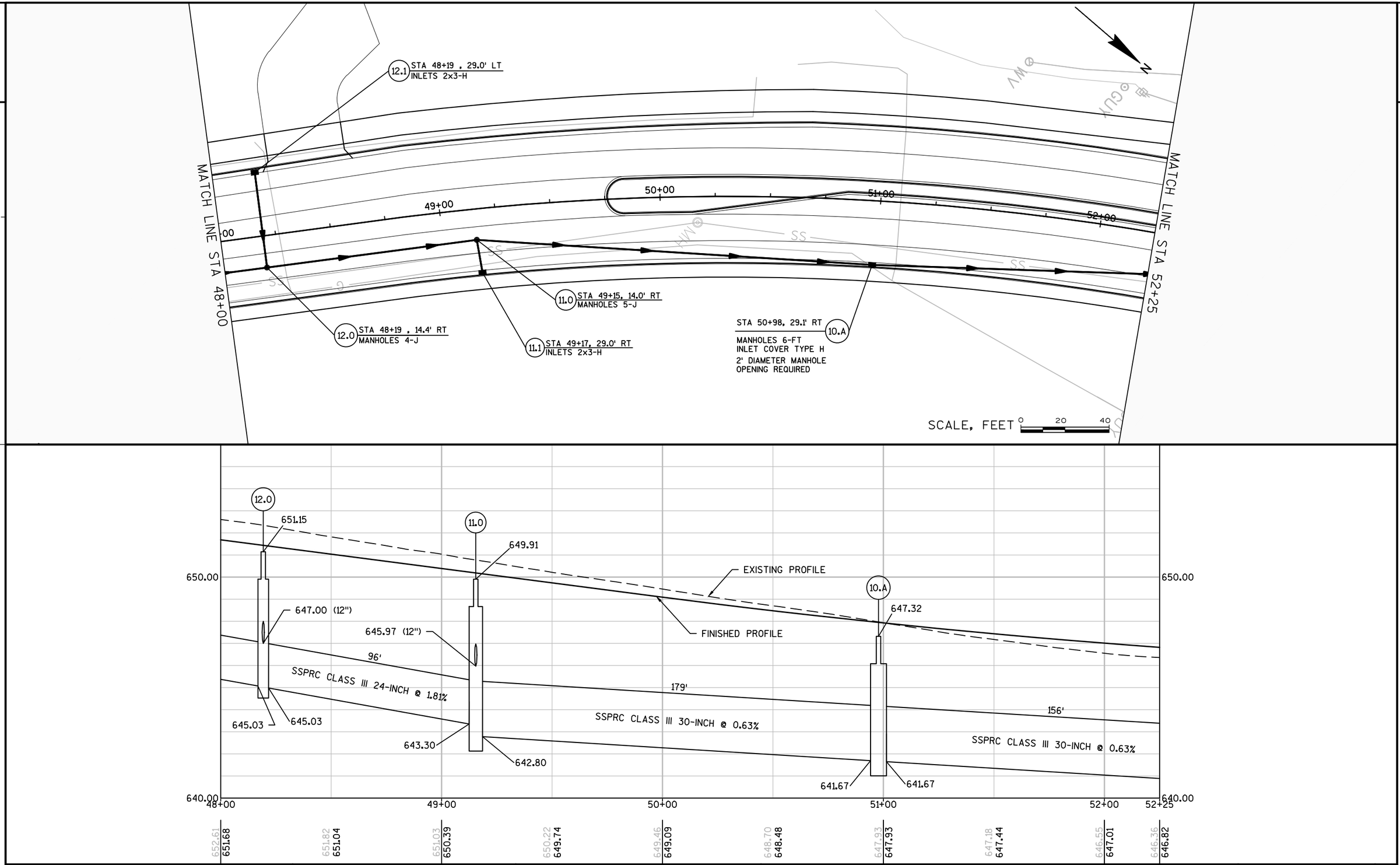
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 101	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022506_SS
PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44





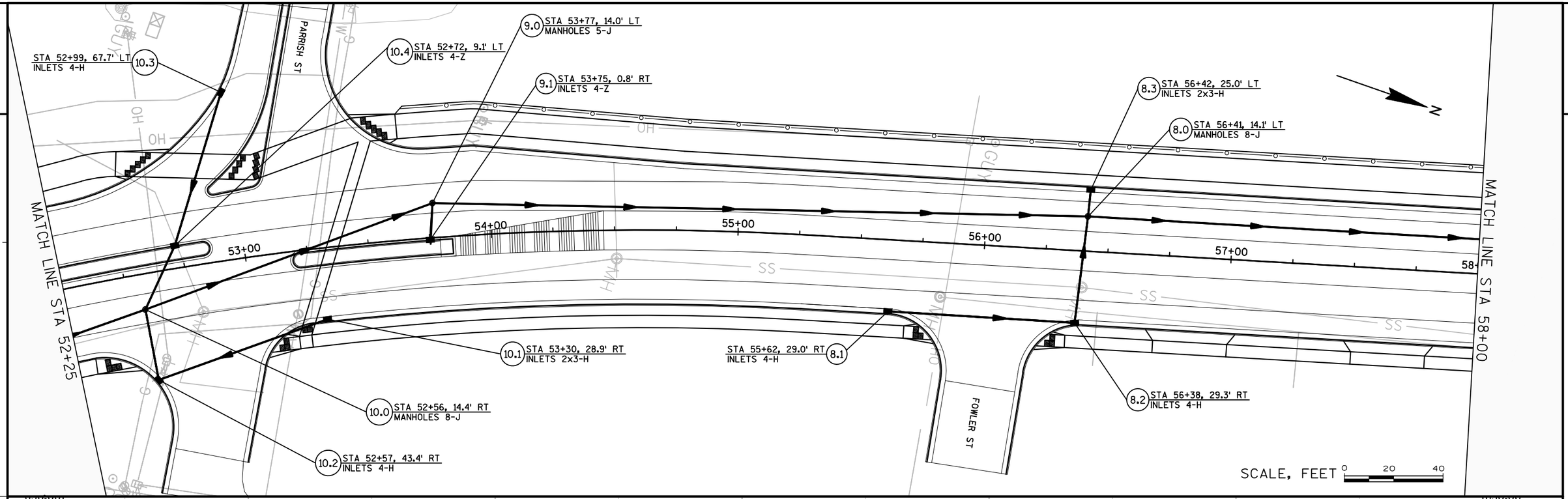
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 102	E

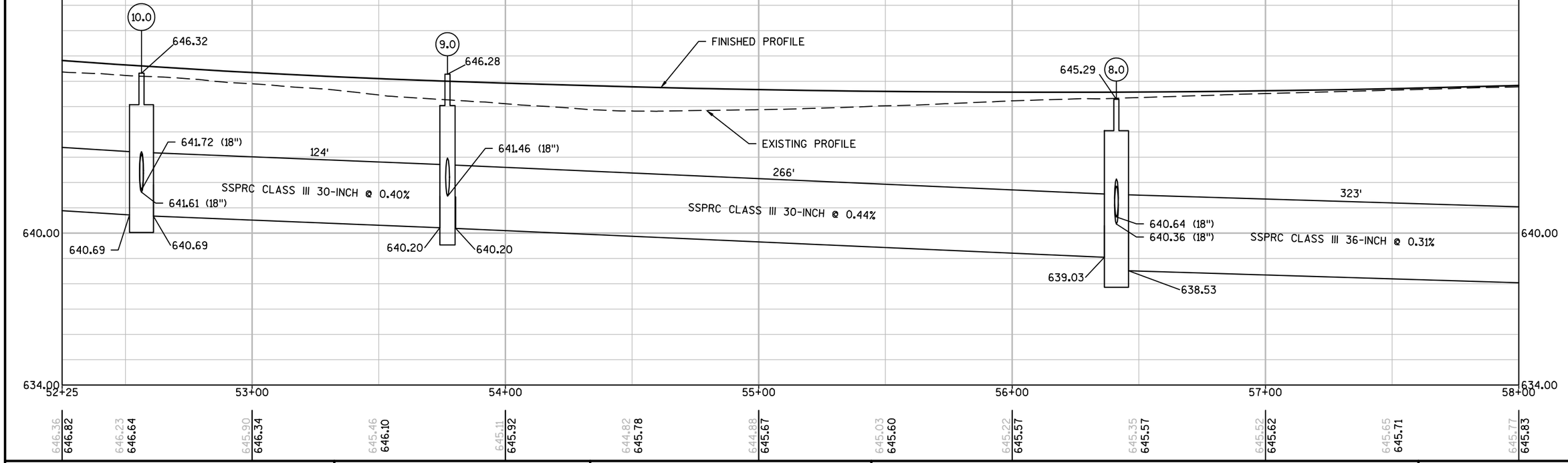


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 103	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022508_SS
PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

2

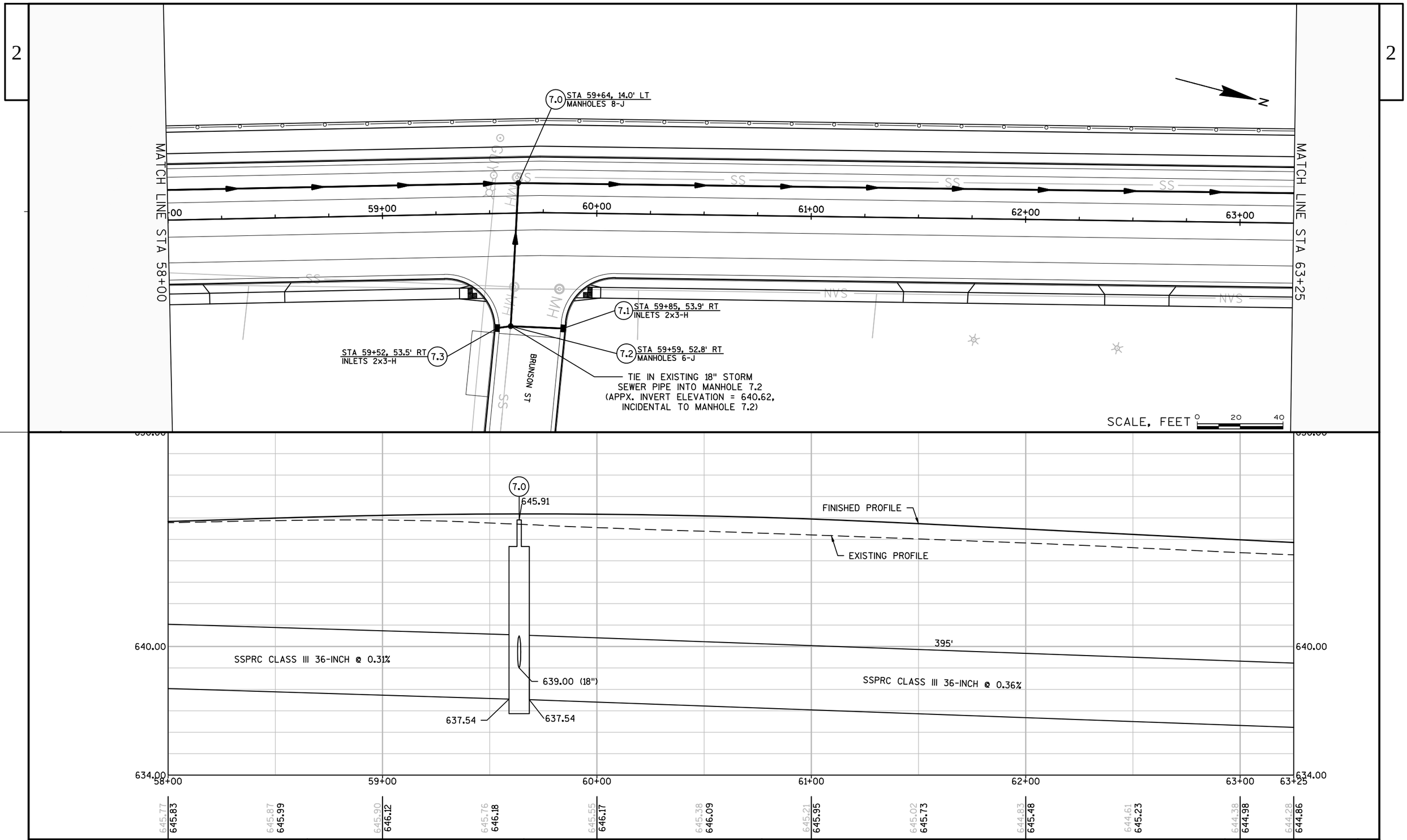




PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 104	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022509_SS
PLOT DATE : 11/8/2017 3:20 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 105	E

2

MATCH LINE STA 63+25

MATCH LINE STA 68+50

6.0 STA 63+58, 14.0' LT
MANHOLES 5-J

6.4 STA 63+59, 25.0' LT
INLETS 2x3-H

TIE IN 18" STORM SEWER PIPE
INTO INLET 6.2 (INCIDENTAL TO INLET 6.2)
SEE CAT 0040 SHEETS FOR BROADWAY ST
STORM SEWER SYSTEM

TIE IN EXISTING 60" STORM SEWER PIPE
INTO MANHOLE 5.0 (INCIDENTAL TO MANHOLE 5.0)

N

STA 67+23, 25.0' LT 5.1
INLETS 2x3-H

5.0 STA 67+58, 33.5' LT
MANHOLES 8-J

64+00 65+00 66+00 67+00 68+00

STA 67+58, 14.0' LT
MANHOLES 8-J 4.0

STA 67+22, 30.1' RT
INLETS 4-H 4.4

STA 67+43, 57.2' RT
INLETS 4-H 4.3

STA 67+57, 71.8' RT
MANHOLES 6-J 4.A

4.1 STA 68+03, 29.0' RT
INLETS 2x3-H

4.2 STA 67+72, 73.0' RT
INLETS 4-H

6.1 STA 64+05, 50.5' RT
INLETS 2x3-H

6.2 STA 63+74, 52.0' RT
INLETS 4-H

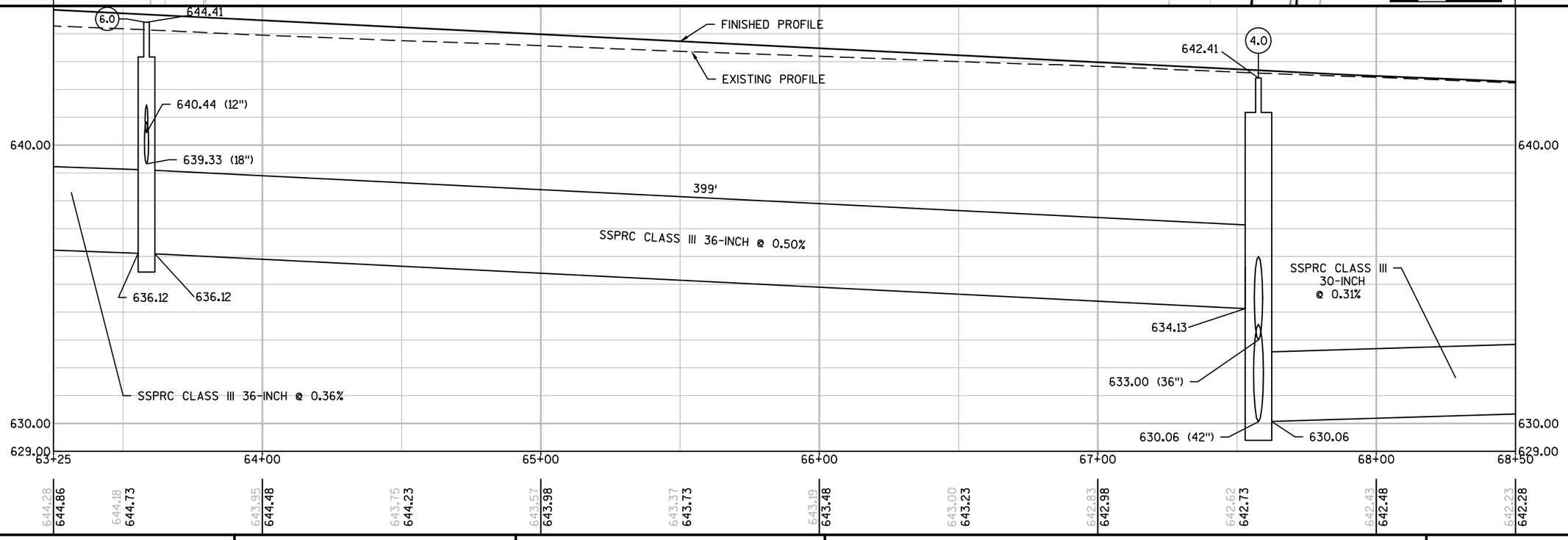
6.3 STA 63+49, 29.0' RT
INLETS 4-H

TIE IN 30" STORM SEWER PIPE
INTO MANHOLE 4.A (INCIDENTAL TO MANHOLE 4.A)
SEE CAT 0040 SHEETS FOR
WELLS ST STORM SEWER SYSTEM

BROADWAY ST

WELLS ST

SCALE, FEET 0 20 40



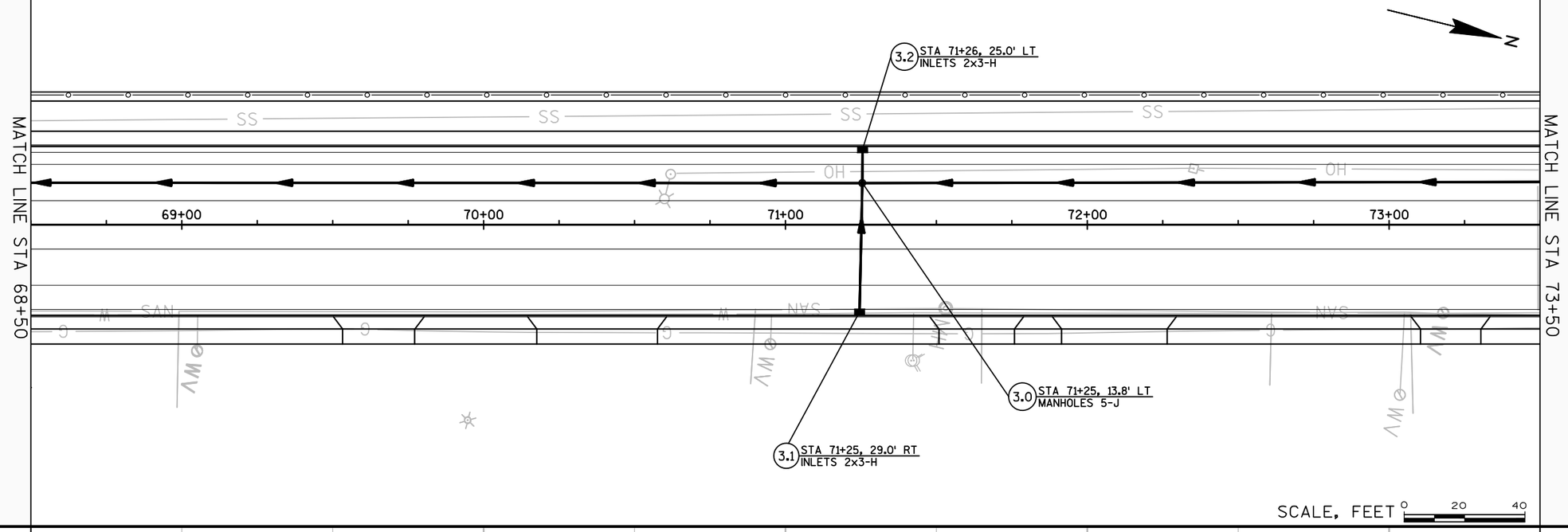
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 106	E

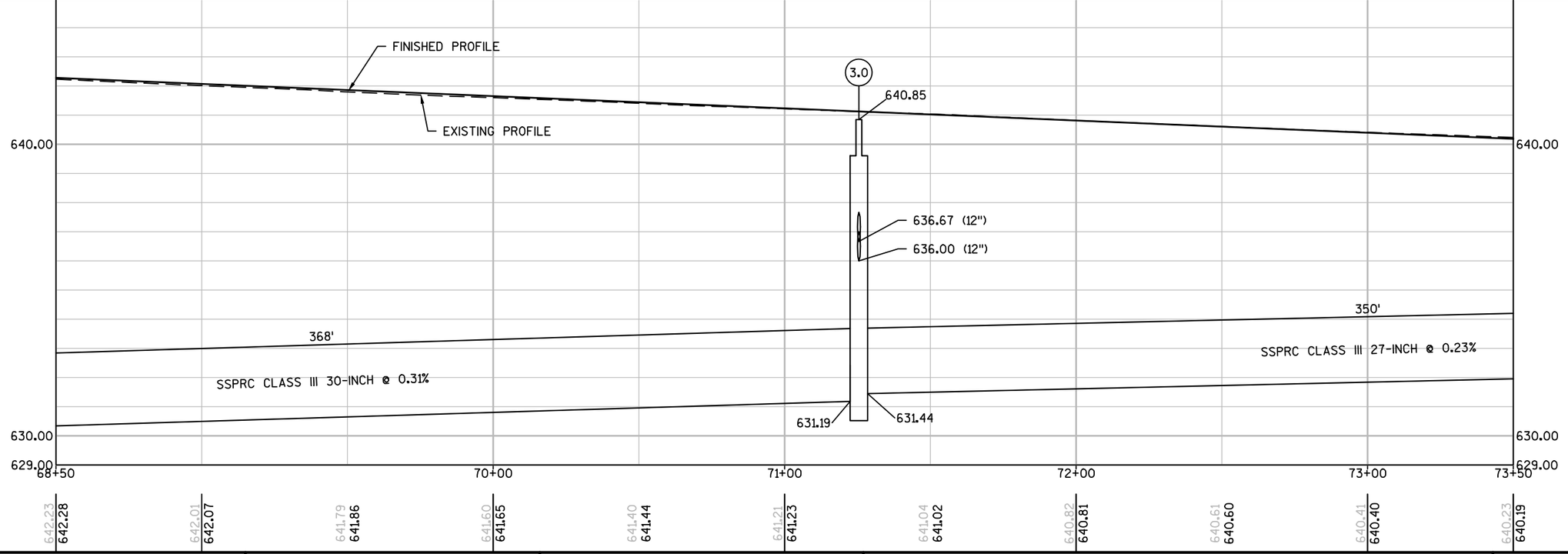
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022511_SS

PLOT DATE : 11/8/2017 3:21 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

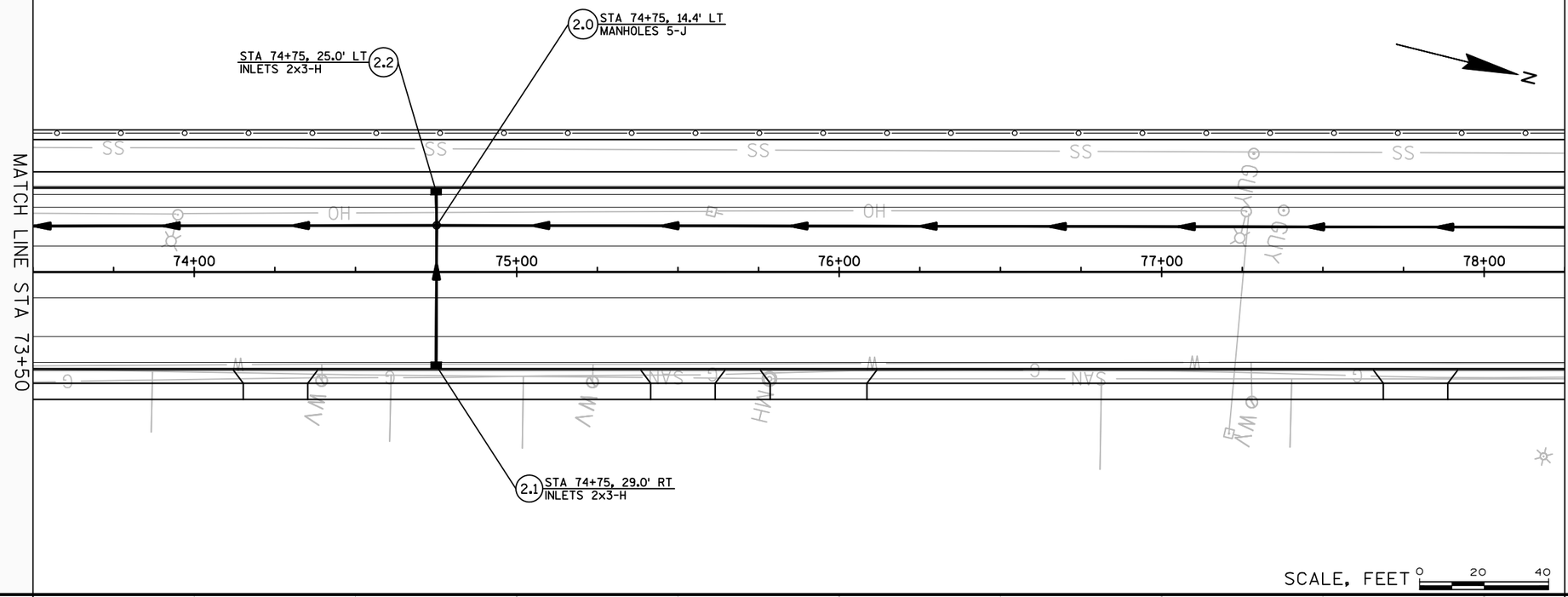
2

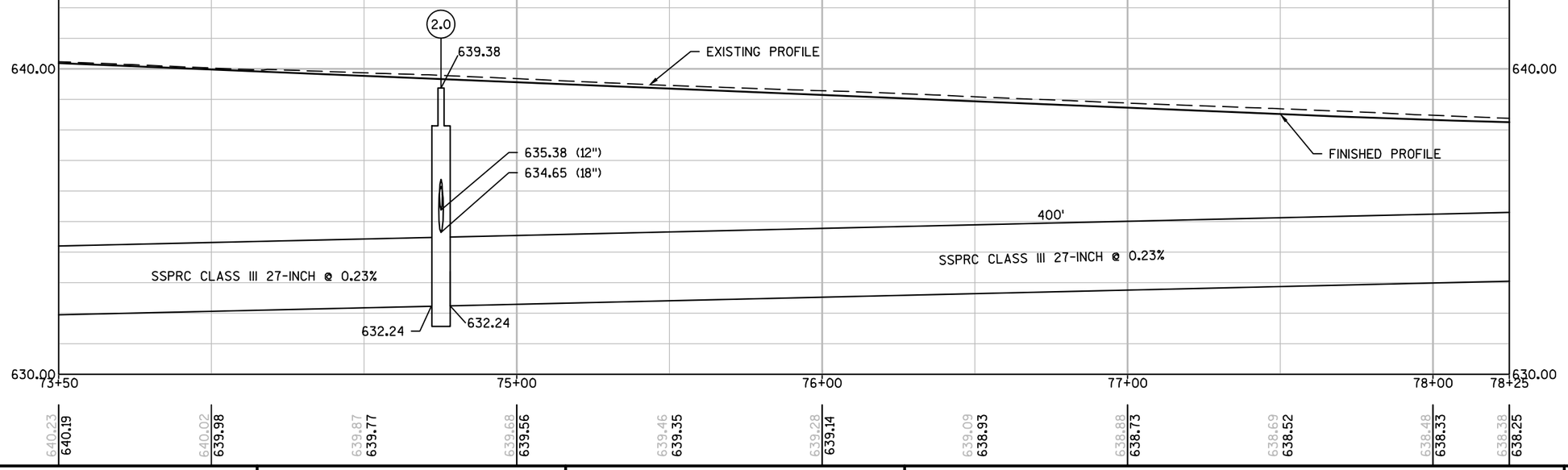




PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 107	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022512_SS
PLOT DATE : 11/8/2017 3:21 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 108	E

STRUCTURE NUMBERS NORTH OF CRAWFORD ST ARE IN REFERENCE TO THE 2014 STORM SEWER STRUCTURE NUMBERS IN THE CONSTRUCTION OF STH 35 (PROJECT 1661-05-73)

1.3 STA 78+75, 25.3' LT INLETS 2x3-H

1.0 STA 78+75, 13.8' LT MANHOLES 5-J

76.1 STA 79+95 , 31.0' LT INLETS 2x3-H

75.9 STA 81+40, 31.0' LT INLETS 4-H

75.8 STA 80+70 , 31.4' LT RECONSTRUCT INLET

75.6 STA 81+41 , 7.2' LT INLETS 3-Z

77.A STA 82+66, 44.9' LT ADJUST MANHOLE COVER

77.B STA 82+55, 34.1' LT RECONSTRUCT MANHOLE

MOONEY ST

MATCH LINE STA 78+25

MATCH LINE STA 83+08

79+00 80+00 81+00 82+00 83+00

75.5 STA 81+42, 4.3' RT RECONSTRUCT INLET

71.3 STA 82+13, 5.7' LT INLETS 3-Z

71.4 STA 82+26, 5.4' LT INLETS 3-Z

71.0 STA 82+50, 0.1' LT RECONSTRUCT MANHOLE

71.2 STA 82+77, 4.6' LT RECONSTRUCT INLET

71.1 STA 82+87, 4.5' LT RECONSTRUCT INLET

1.1 STA 79+13, 29.7' RT INLETS 4-H

1.A STA 79+65, 43.0' RT INLETS 4-H

1.2 STA 78+75, 29.0' RT INLETS 2x3-H

CRAWFORD ST

SCALE, FEET 0 20 40

640.00

630.00

1.0

637.85

FINISHED PROFILE

EXISTING PROFILE

633.17

633.44 (14" x 23" HORIZONTAL ELLIPTICAL)

633.17 (14" X 23" HORIZONTAL ELLIPTICAL)

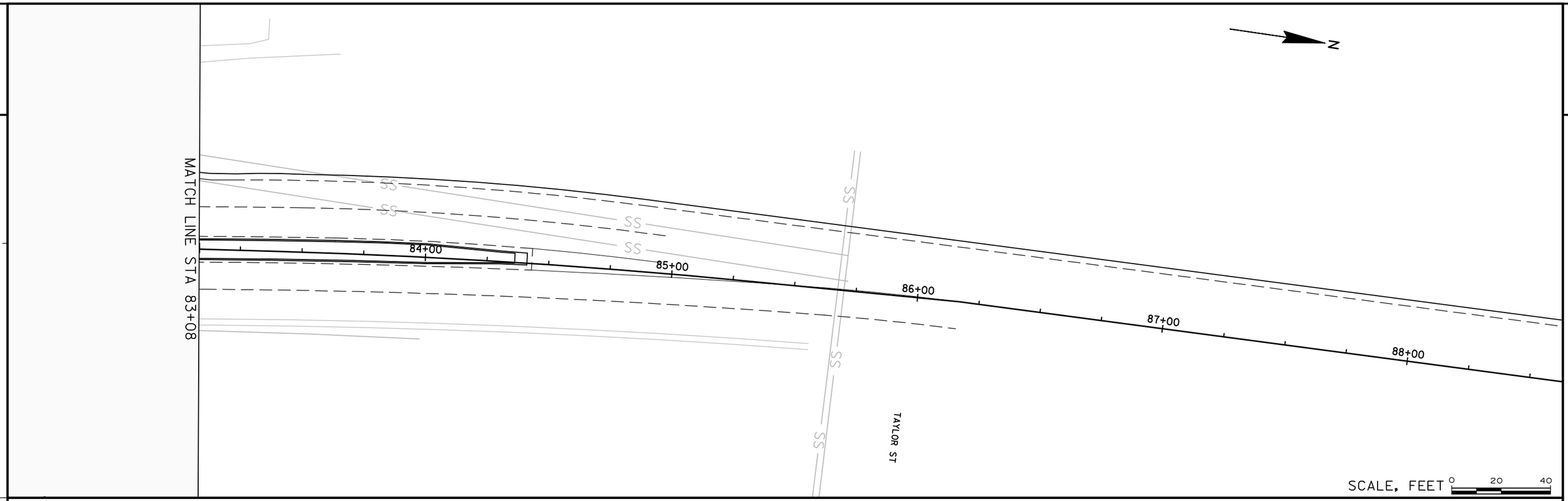
SSPRC CLASS III 27-INCH @ 0.23%

78+25 79+00 80+00 81+00 82+00 83+00 83+08

638.38 638.25 | 638.30 638.18 | 637.62 638.08 | 637.43 638.02 | 637.32 638.00 | 637.59 638.02 | 637.91 638.08 | 638.56 638.19 | 638.88 638.32 | 639.11 638.44 | 639.07 638.57

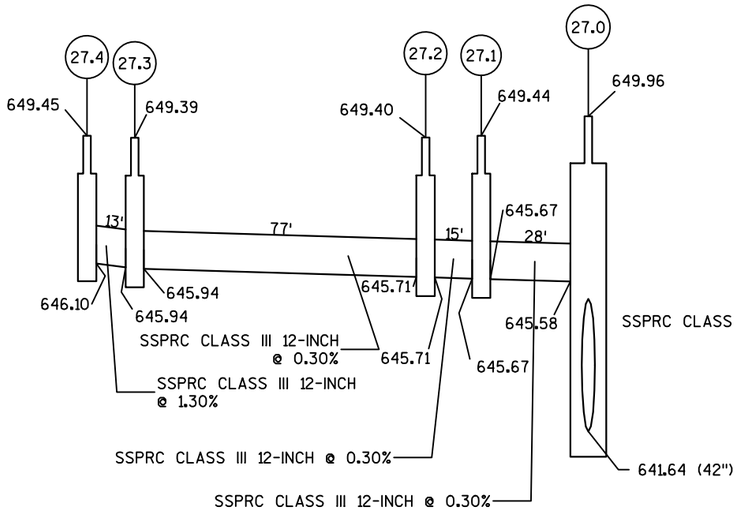
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 109	E

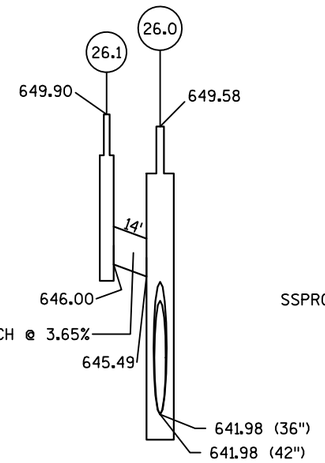
2

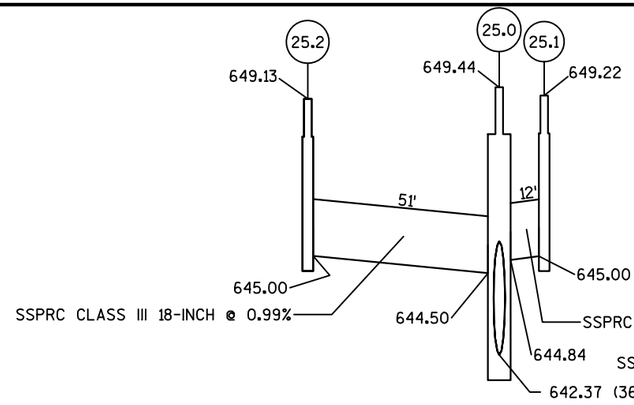


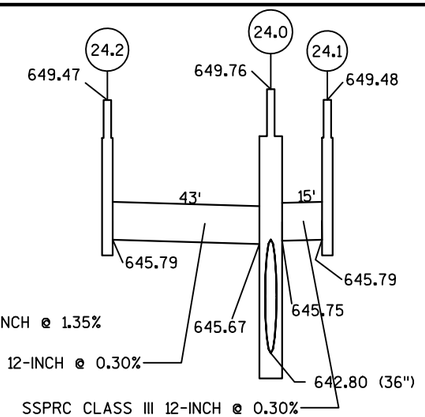
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PLAN AND PROFILE	SHEET 110	E

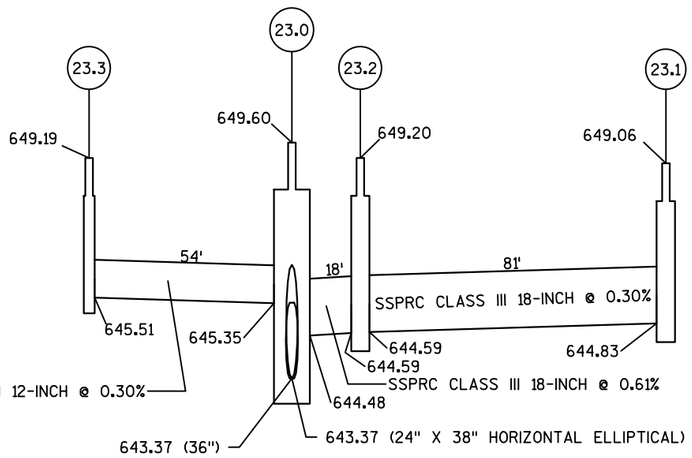
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022515_SS
PLOT DATE : 11/8/2017 3:21 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

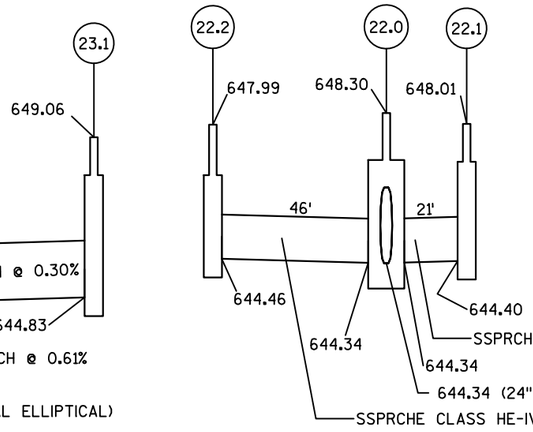


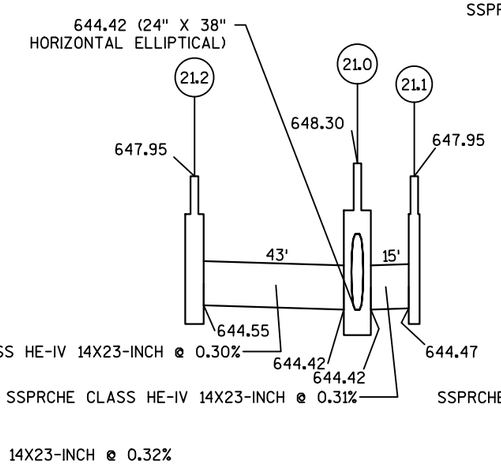


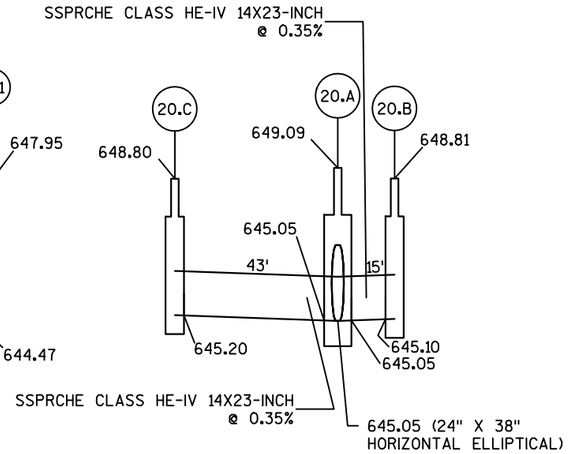


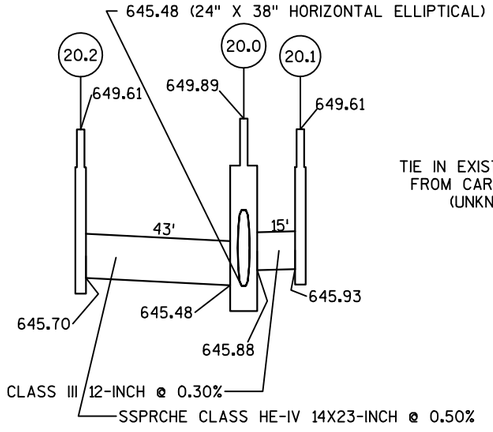


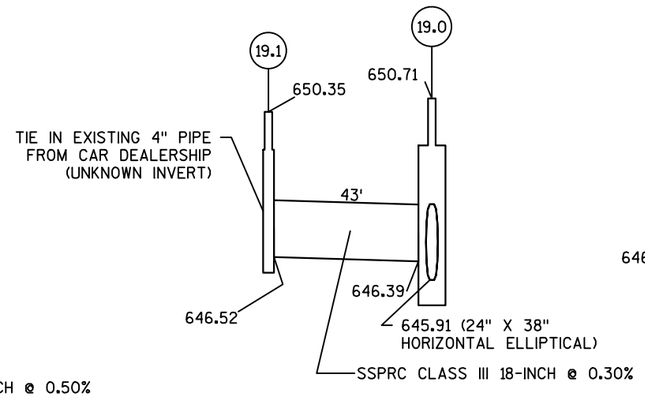


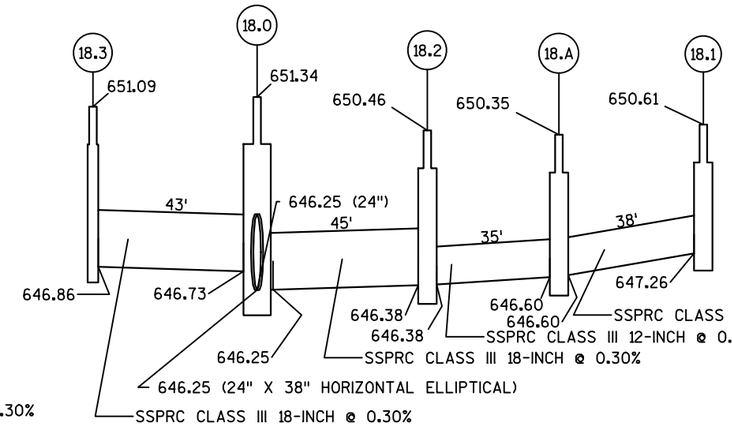


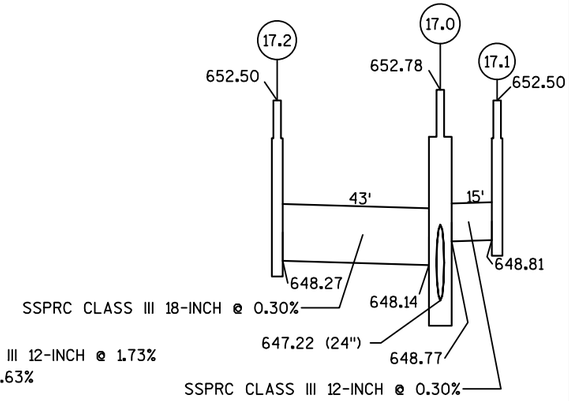




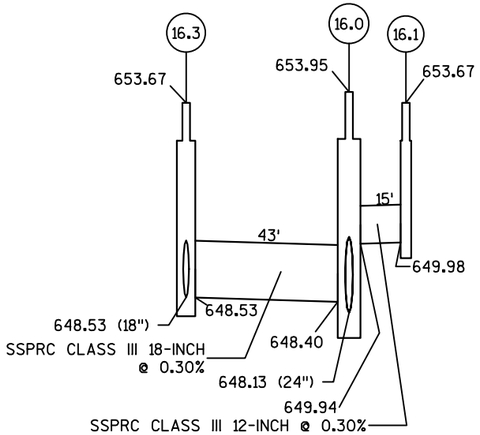


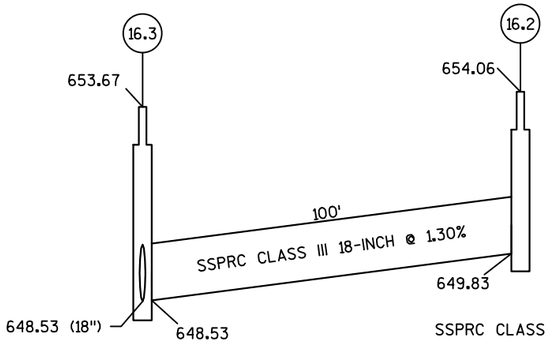


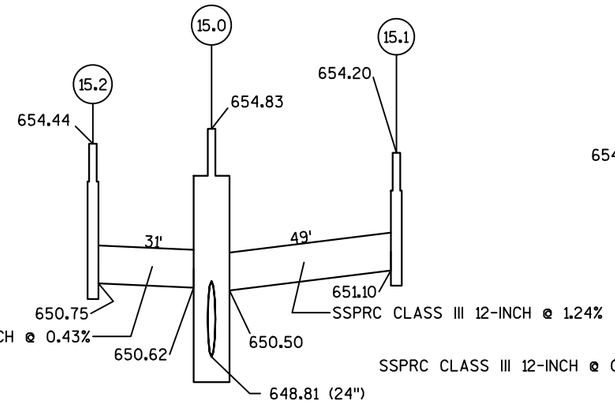


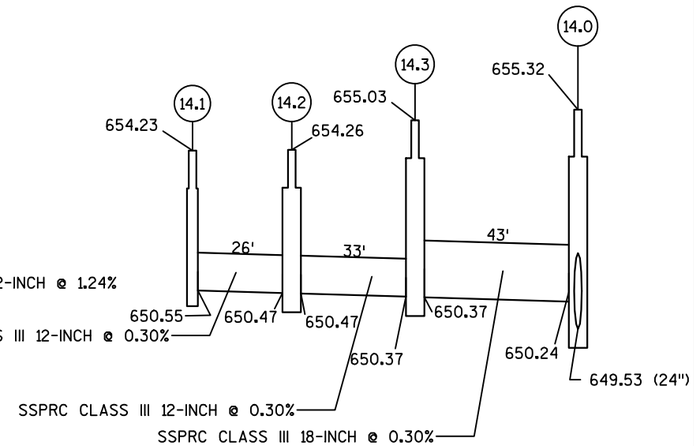


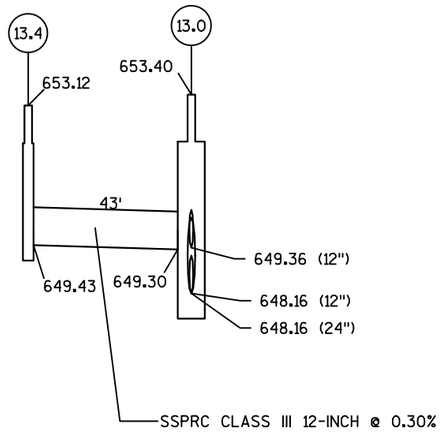
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PROFILE	SHEET 111	E

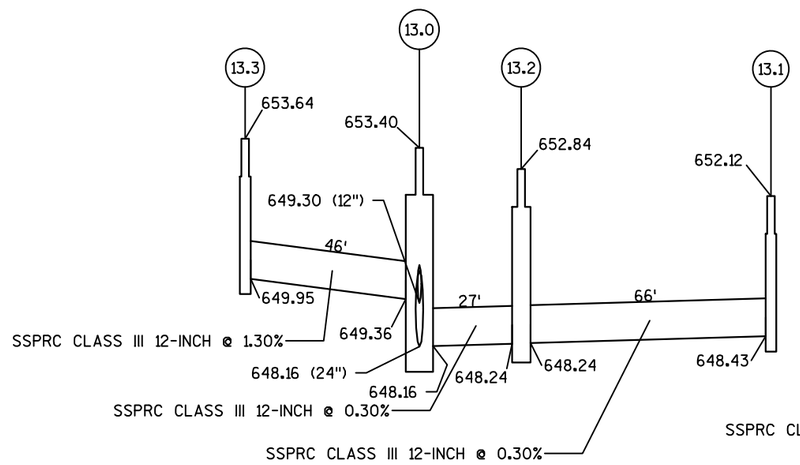


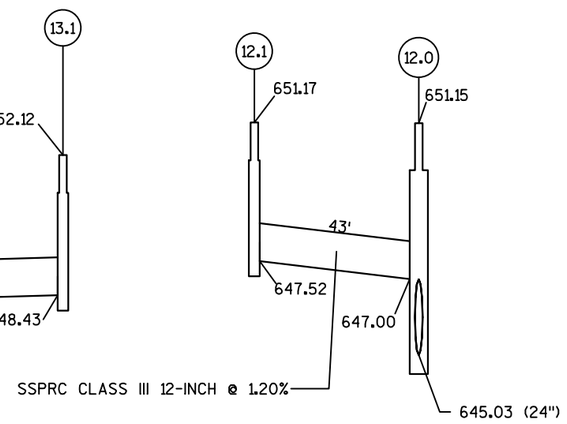


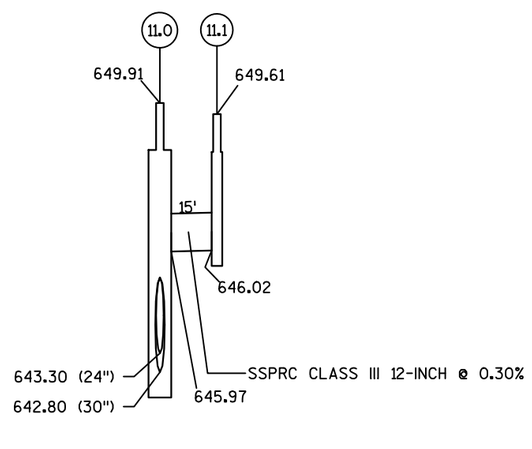


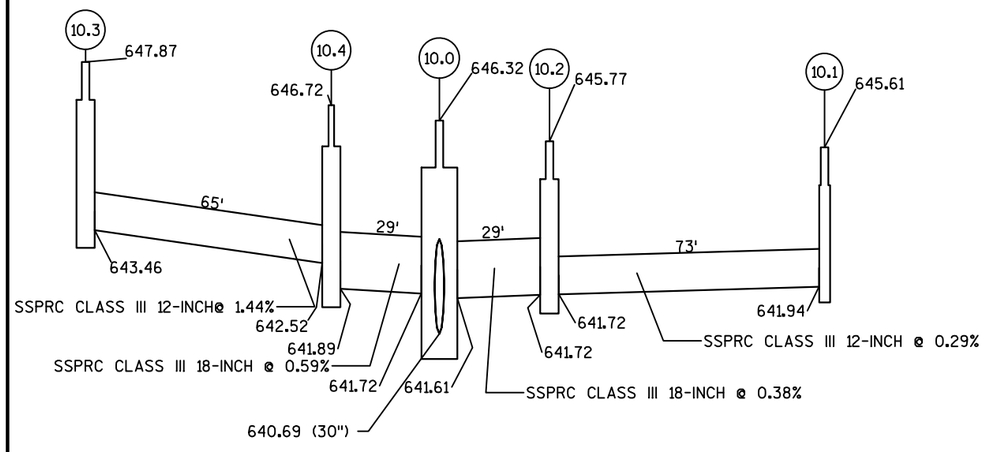


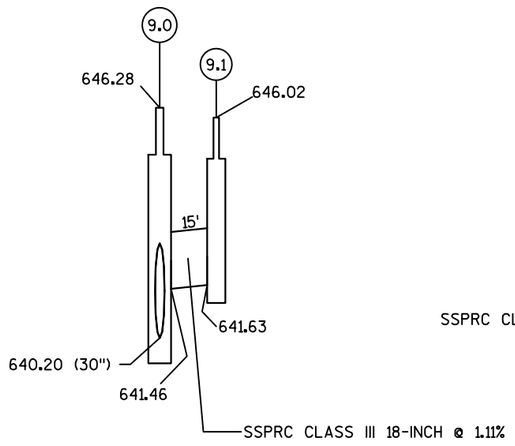


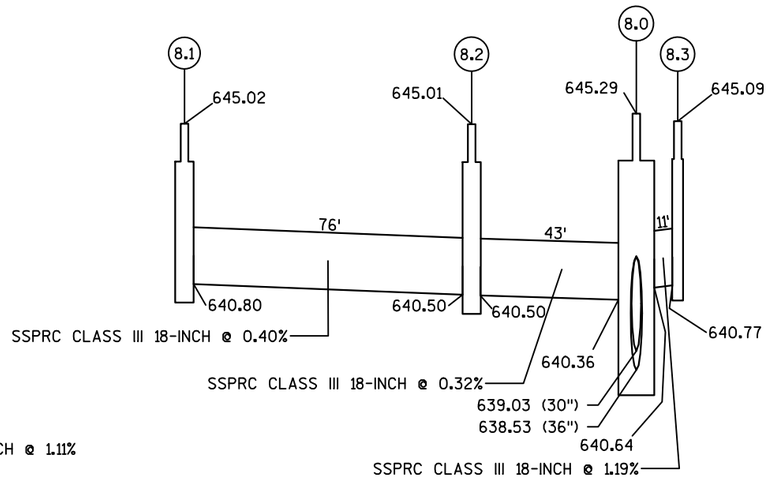




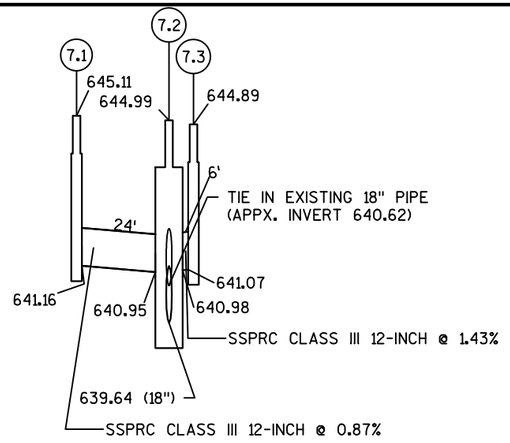


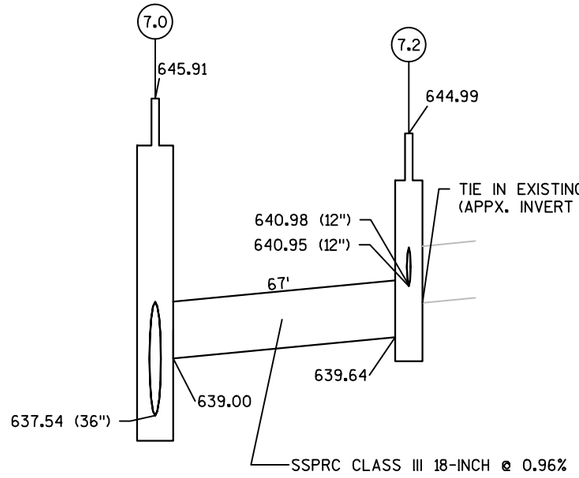


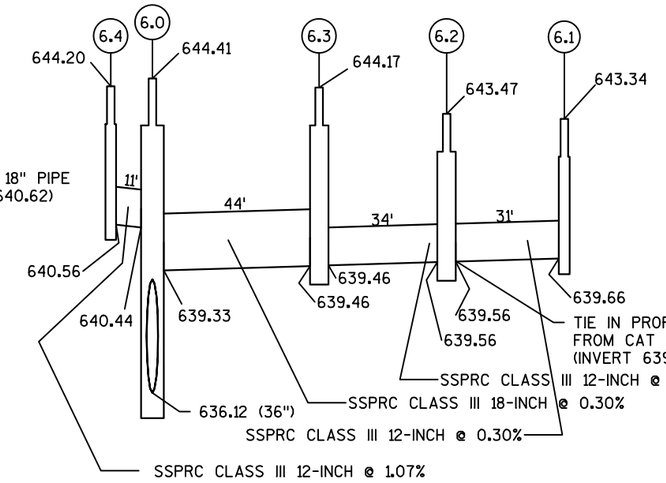


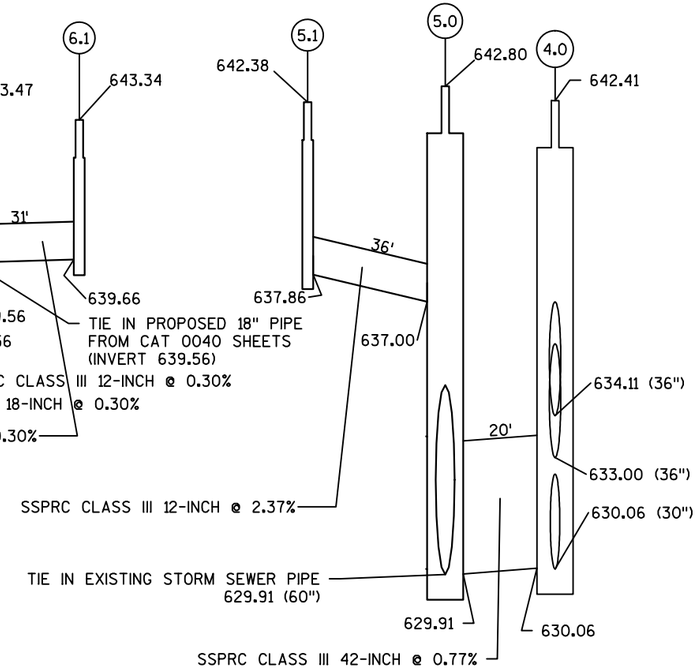


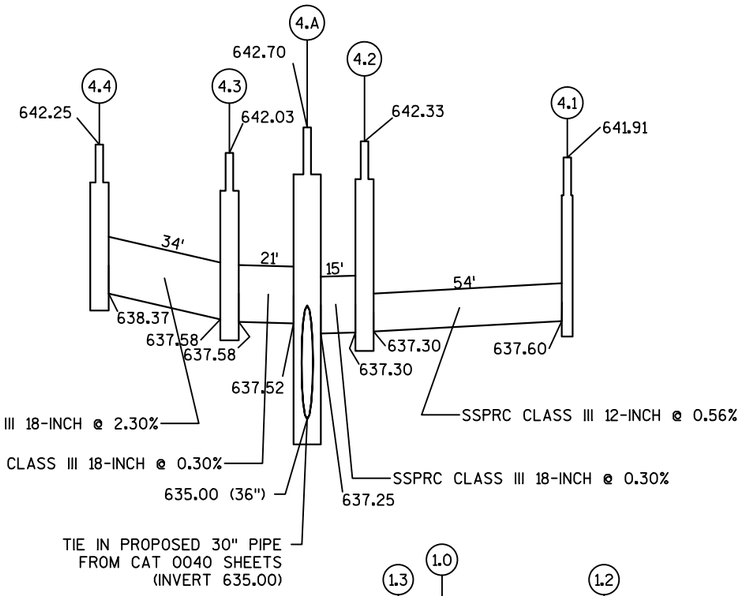
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PROFILE	SHEET 112	E

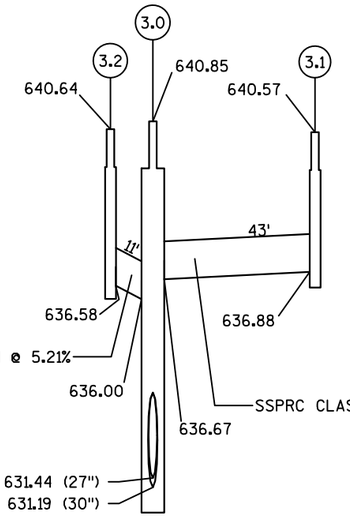


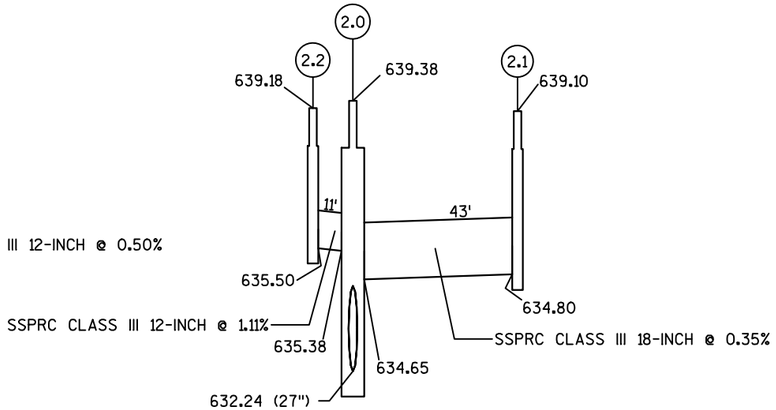


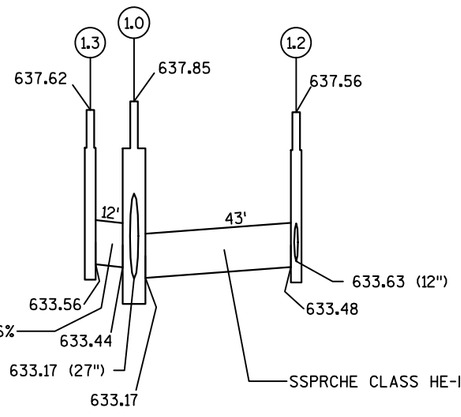


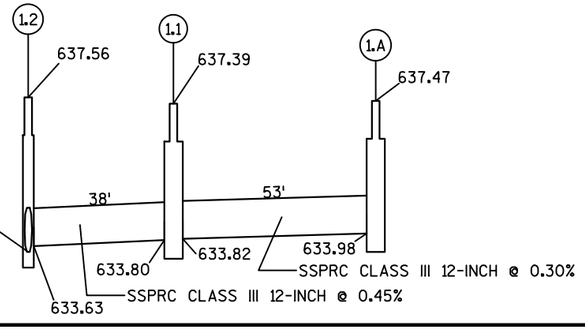




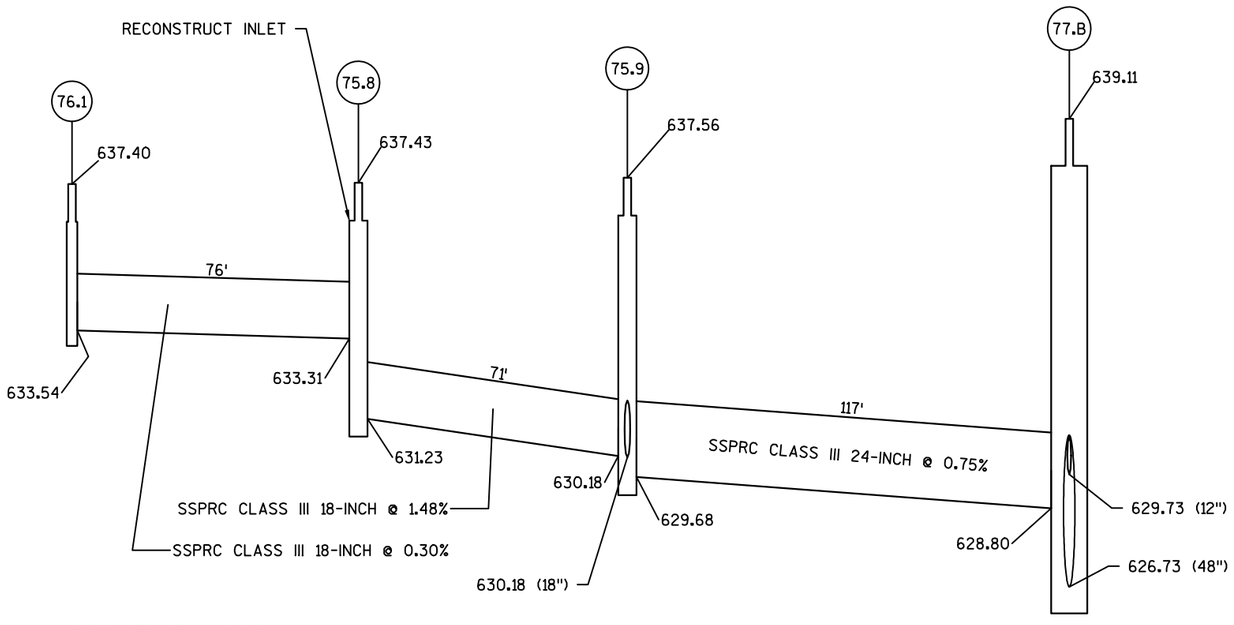


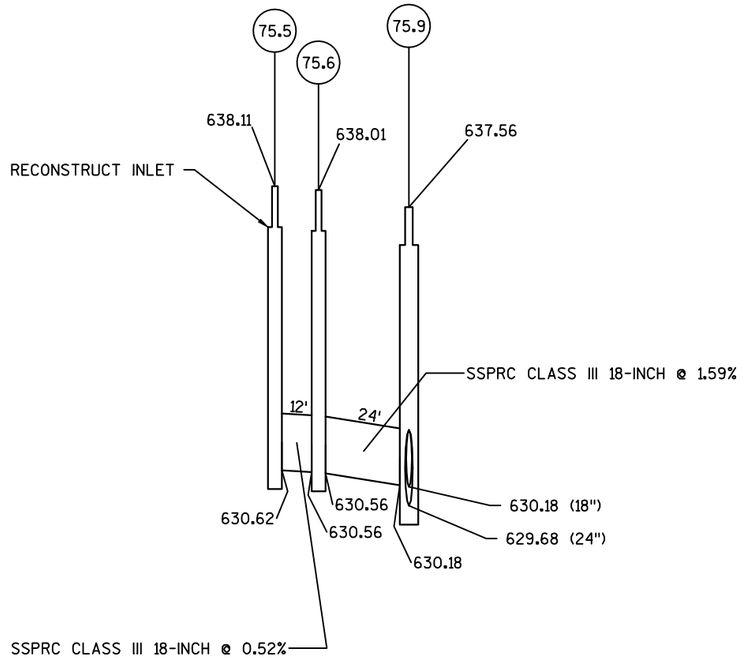


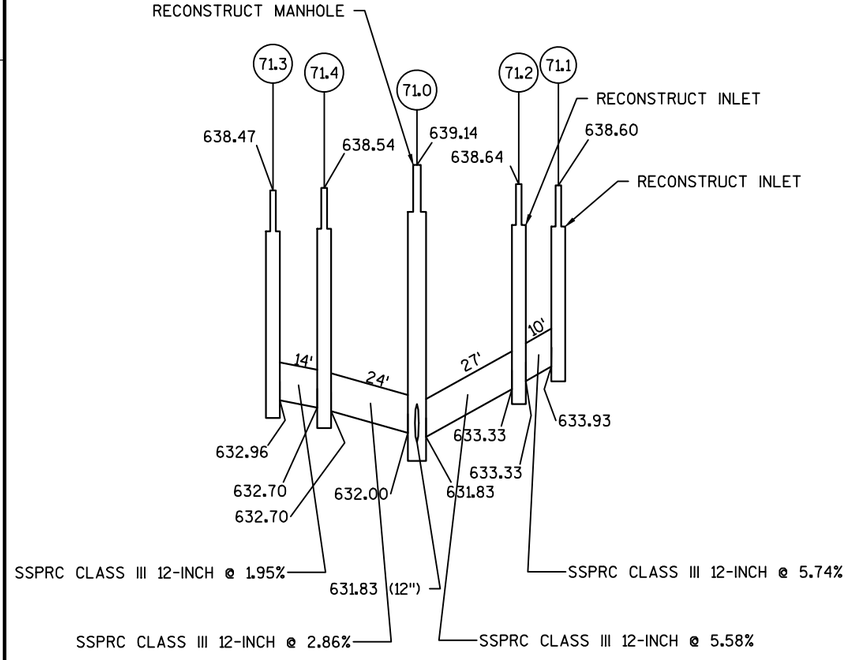


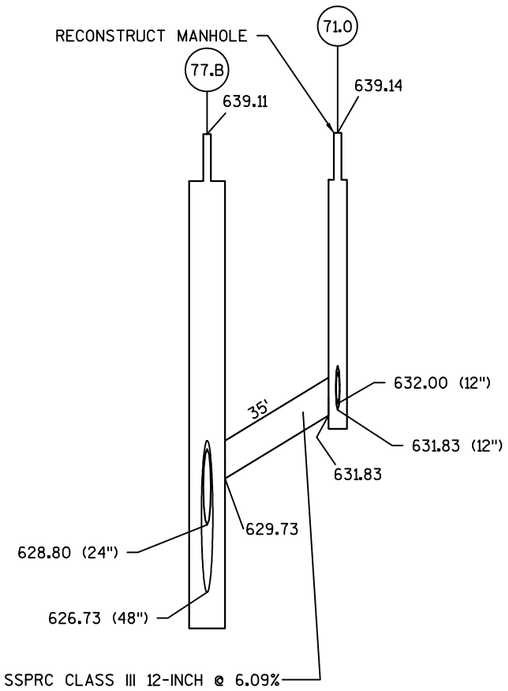


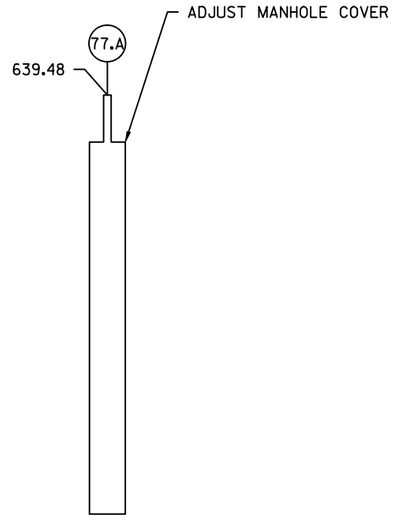
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PROFILE	SHEET 113	E





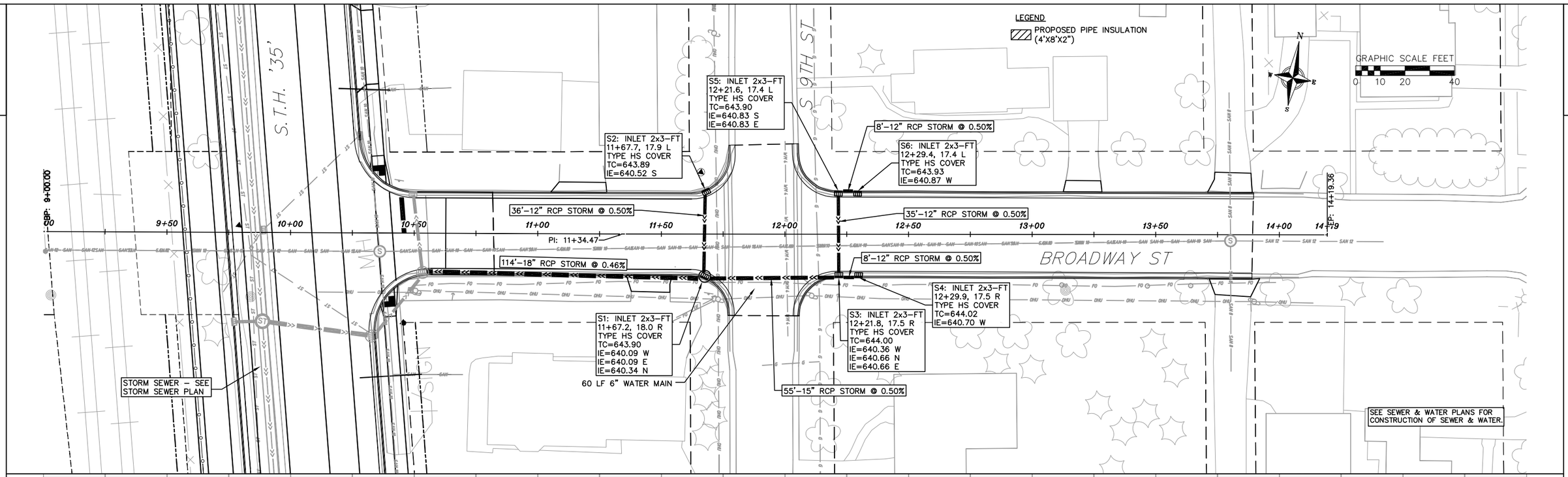






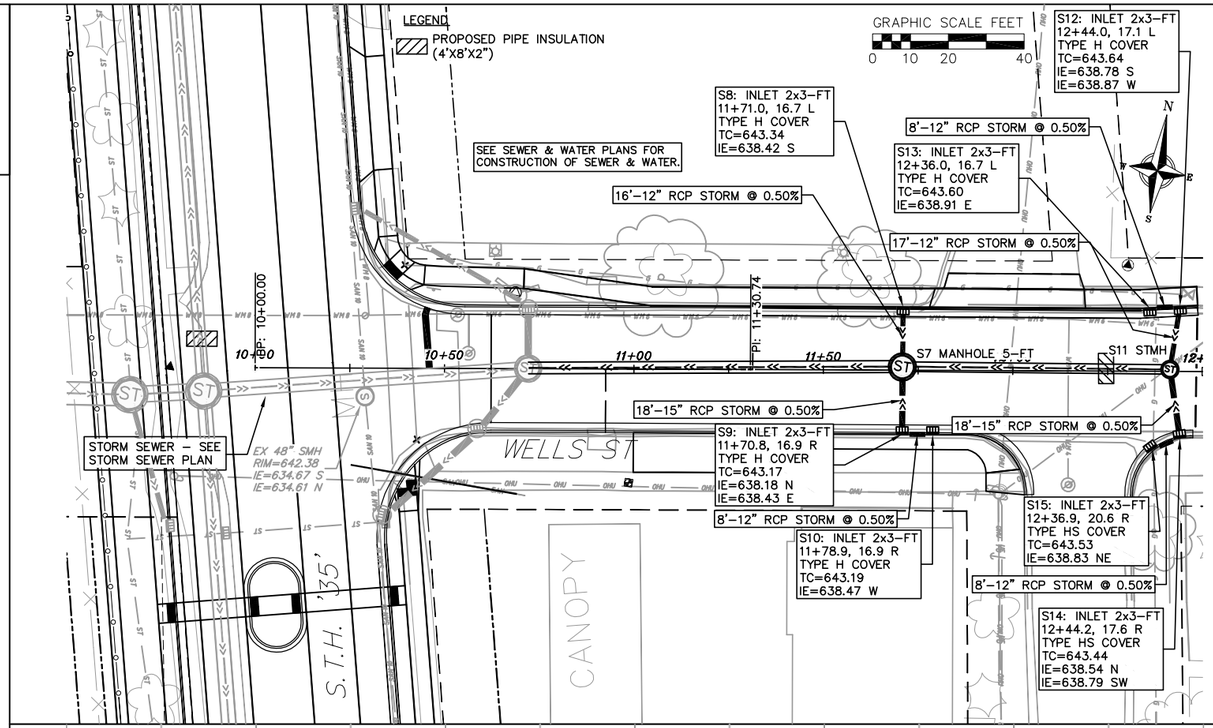
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	STORM SEWER PROFILE	SHEET 114	E

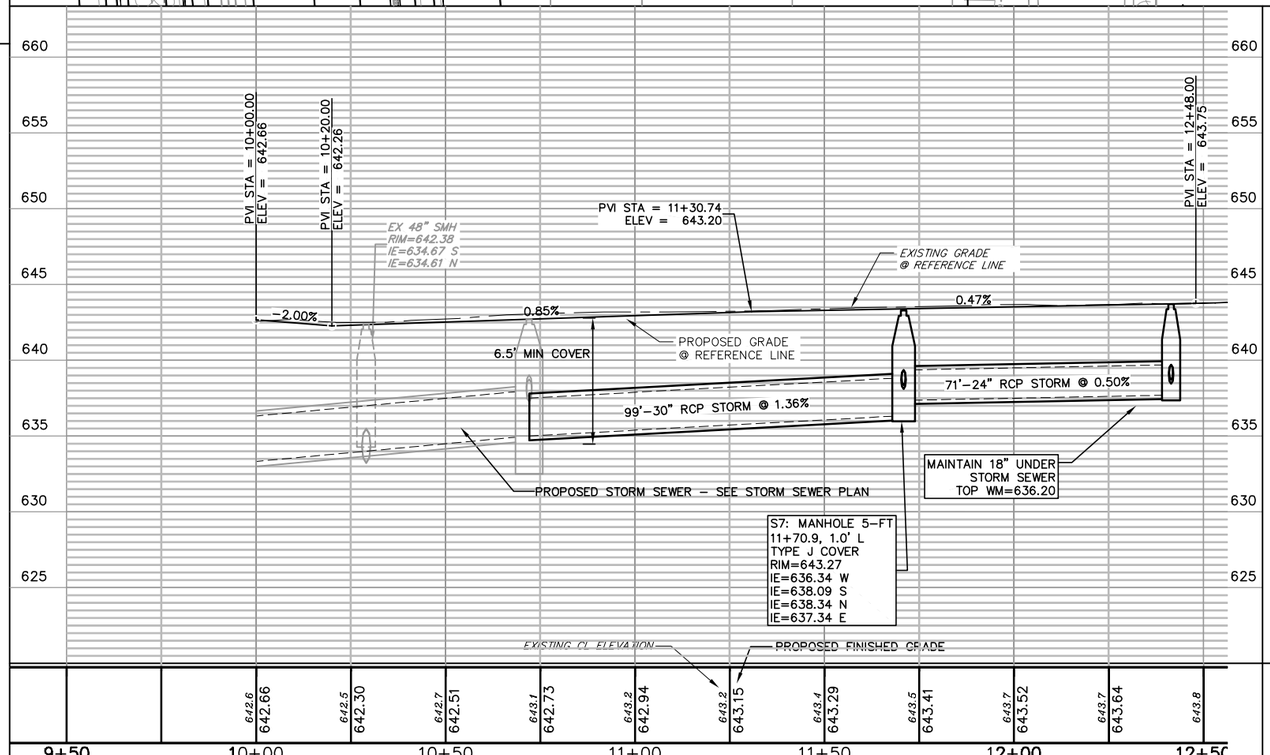
2



PROJECT NO:1661-05-76 | HWY:STH 35 | COUNTY:CRAWFORD | STORM SEWER - P&P - CATEGORY 0040

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE E-W.DWG PLOT DATE : 11/11 PLOT BY : TODD HALVENSLEBEN





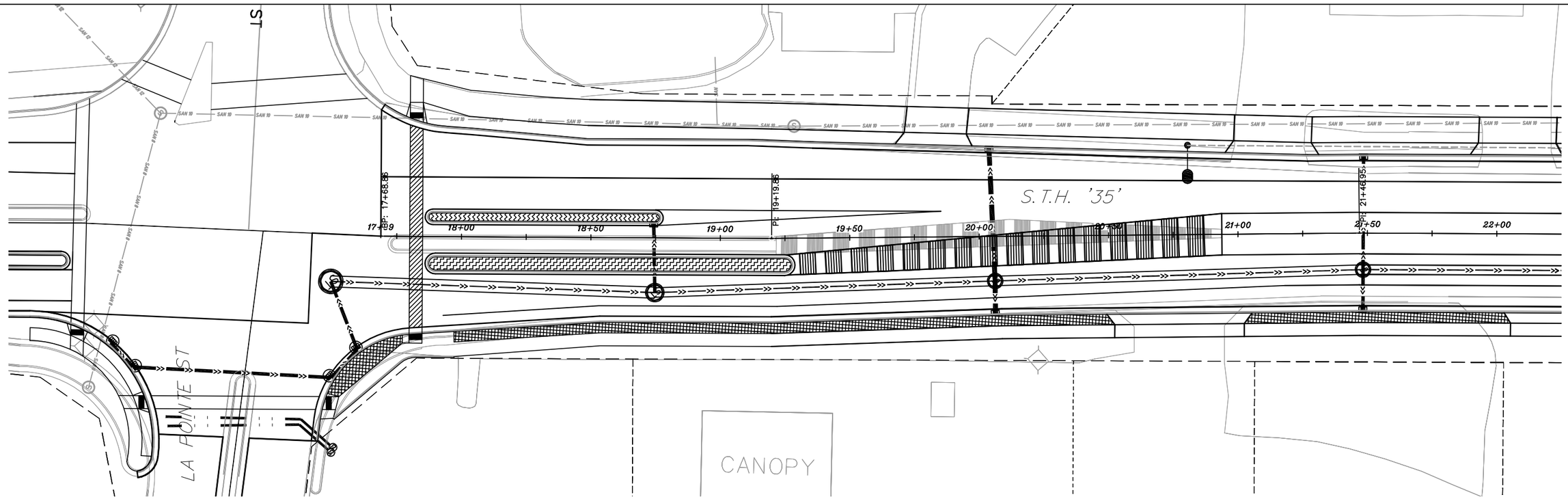
PROJECT NO:1661-05-76	HWY:STH 35	COUNTY:CRAWFORD	STORM SEWER - P&P - CATEGORY 0040

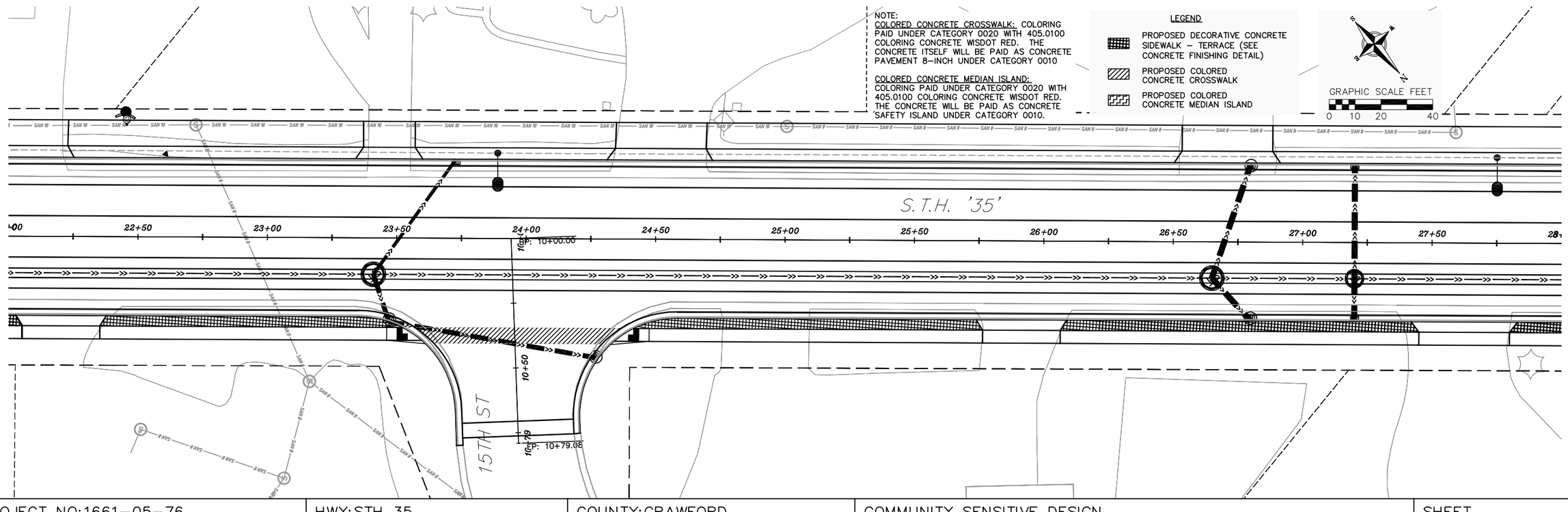
FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE E-W.DWG

PLOT DATE : 11/11

PLOT BY : TODD HALVENSLEBEN

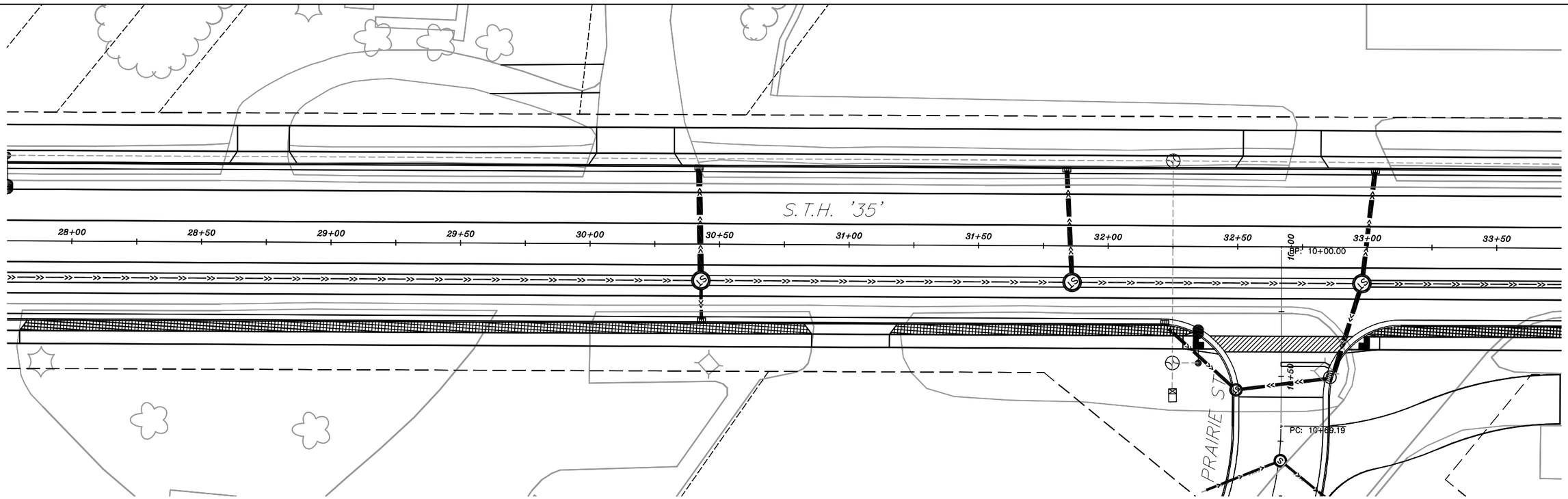
2





PROJECT NO:1661-05-76	HWY:STH 35	COUNTY:CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 117	E

2



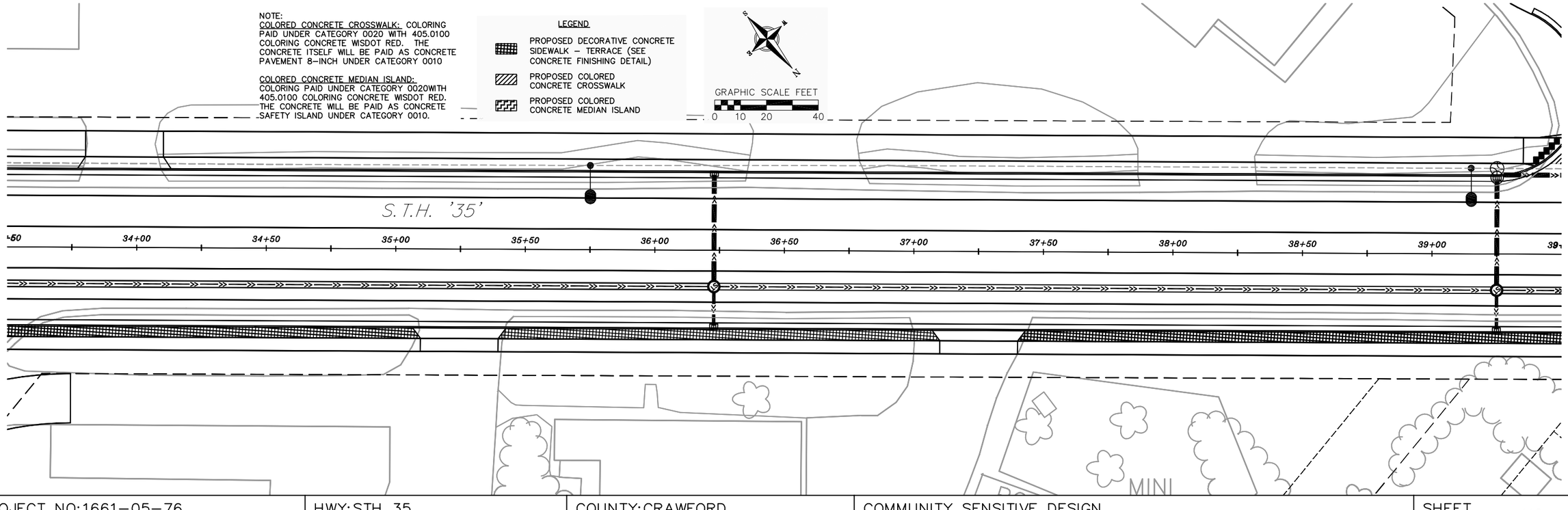
NOTE:
COLORED CONCRETE CROSSWALK: COLORING PAID UNDER CATEGORY 0020 WITH 405.0100 COLORING CONCRETE WISDOT RED. THE CONCRETE ITSELF WILL BE PAID AS CONCRETE PAVEMENT 8-INCH UNDER CATEGORY 0010

COLORED CONCRETE MEDIAN ISLAND:
COLORING PAID UNDER CATEGORY 0020WITH 405.0100 COLORING CONCRETE WISDOT RED. THE CONCRETE WILL BE PAID AS CONCRETE SAFETY ISLAND UNDER CATEGORY 0010.

LEGEND

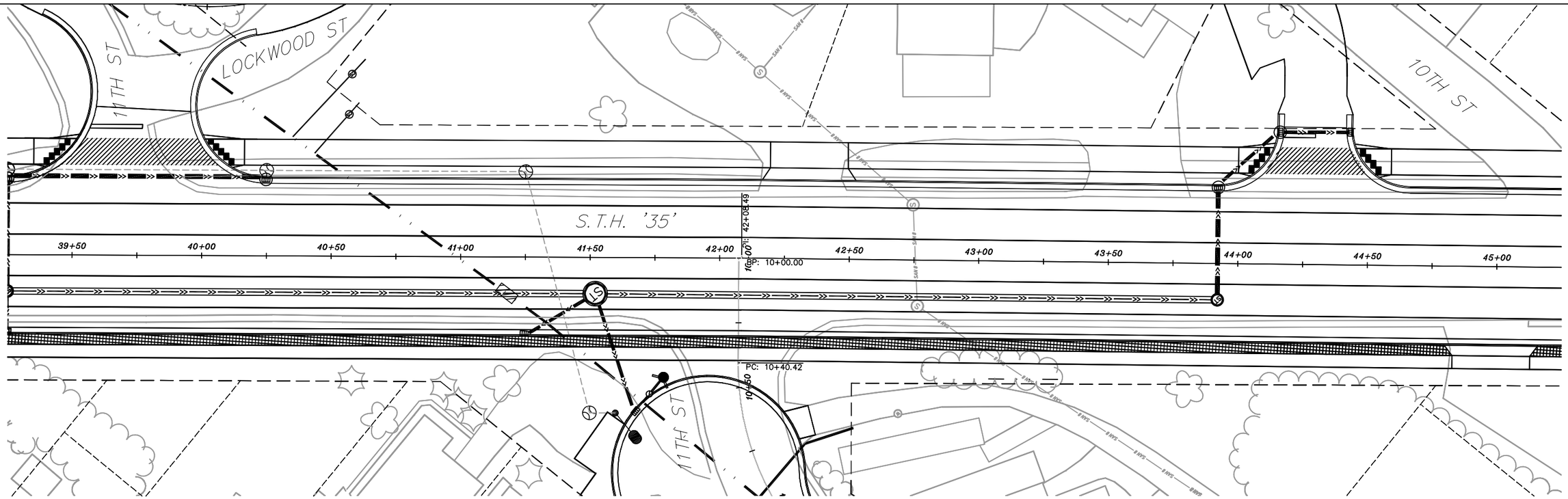
- PROPOSED DECORATIVE CONCRETE SIDEWALK – TERRACE (SEE CONCRETE FINISHING DETAIL)
- PROPOSED COLORED CONCRETE CROSSWALK
- PROPOSED COLORED CONCRETE MEDIAN ISLAND

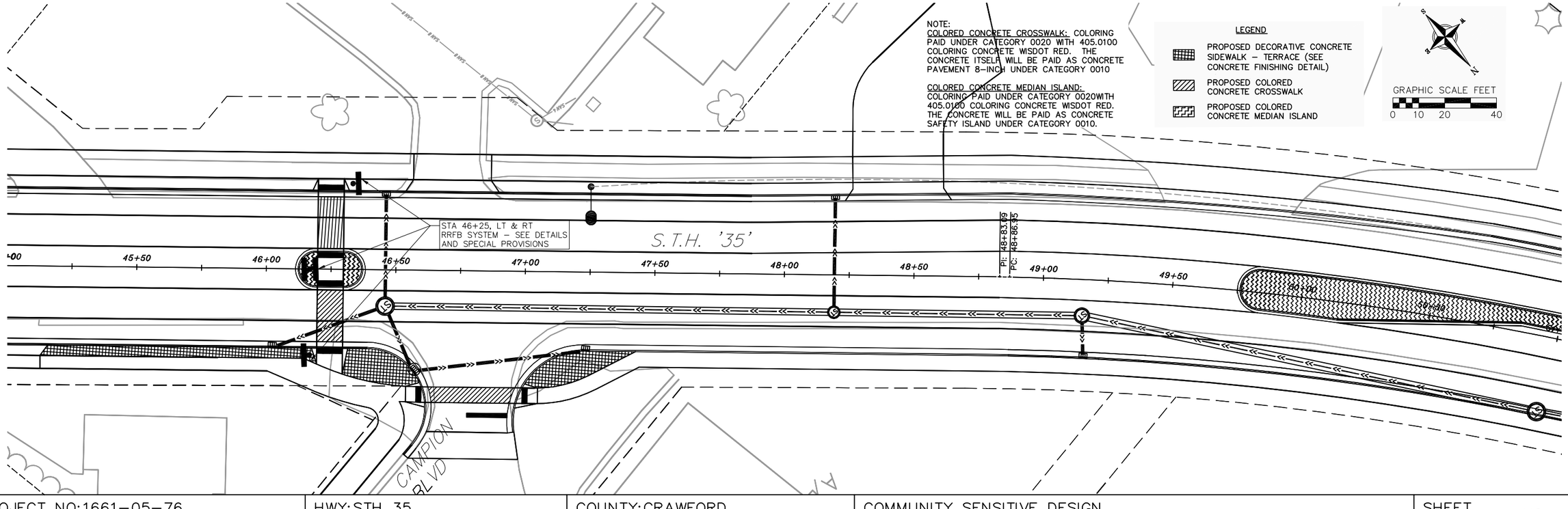
GRAPHIC SCALE FEET
0 10 20 40



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 118	E

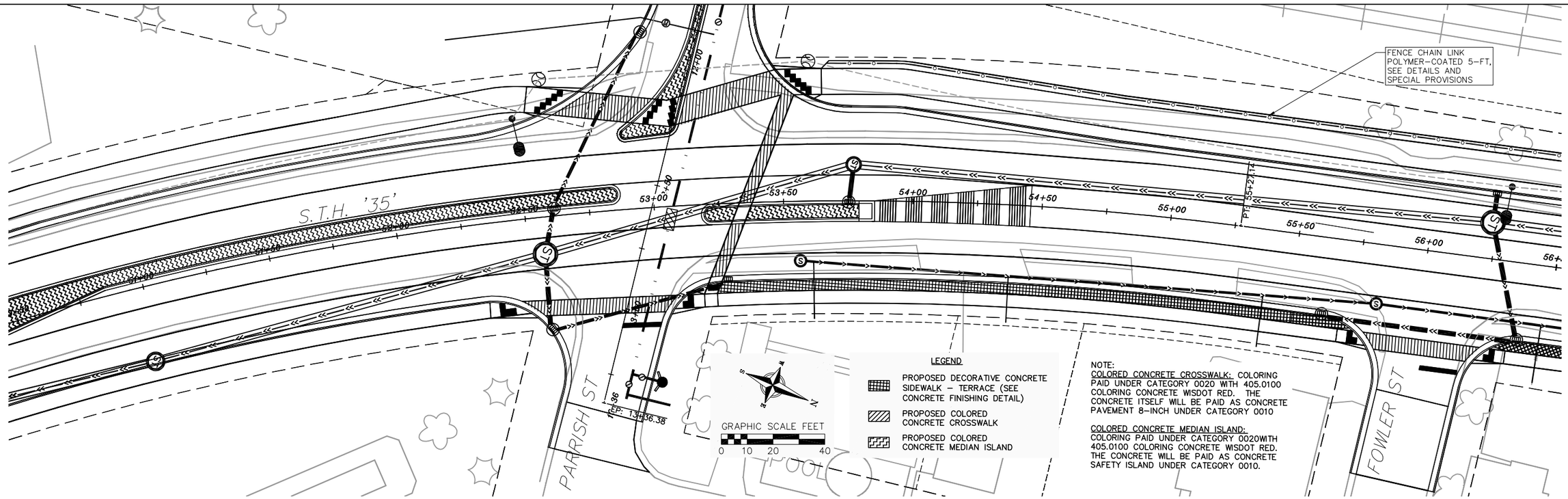
2

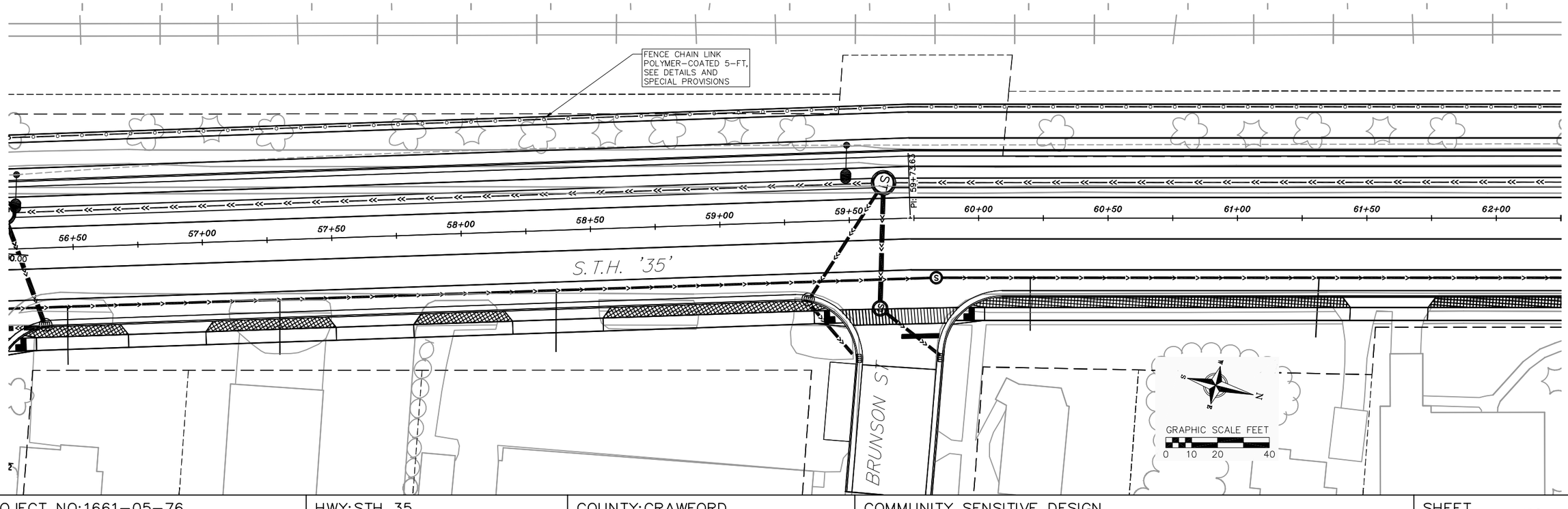




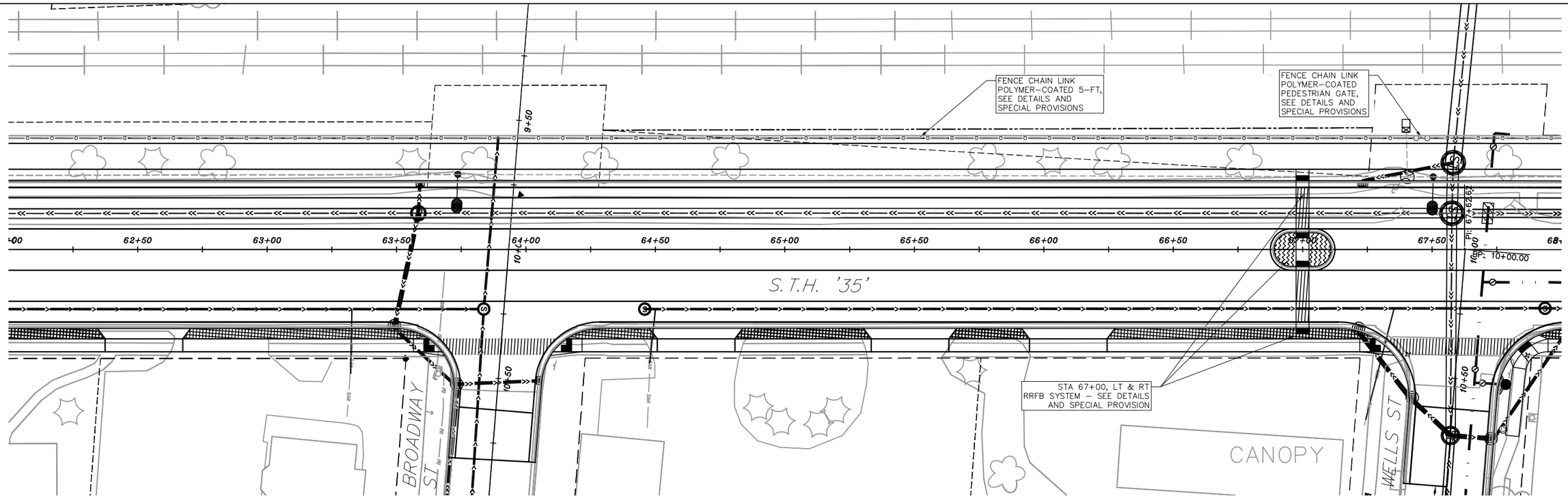
PROJECT NO:1661-05-76	HWY:STH 35	COUNTY:CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 119	E

2





PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 120	E



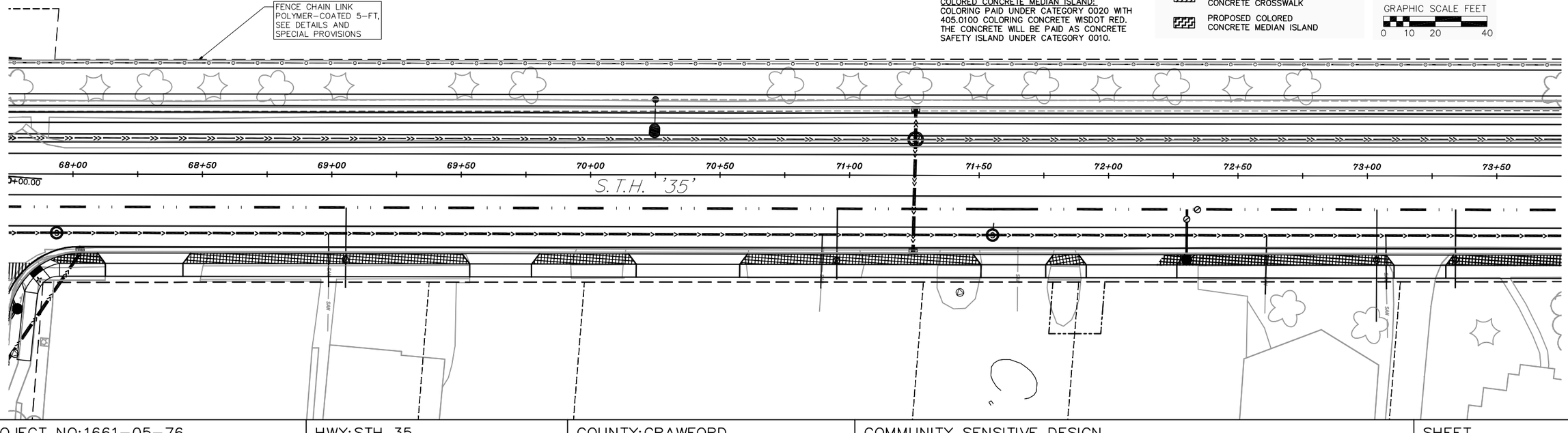
NOTE:
COLORED CONCRETE CROSSWALK: COLORING PAID UNDER CATEGORY 0020 WITH 405.0100 COLORING CONCRETE WISDOT RED. THE CONCRETE ITSELF WILL BE PAID AS CONCRETE PAVEMENT 8-INCH UNDER CATEGORY 0010

COLORED CONCRETE MEDIAN ISLAND: COLORING PAID UNDER CATEGORY 0020 WITH 405.0100 COLORING CONCRETE WISDOT RED. THE CONCRETE WILL BE PAID AS CONCRETE SAFETY ISLAND UNDER CATEGORY 0010.

LEGEND

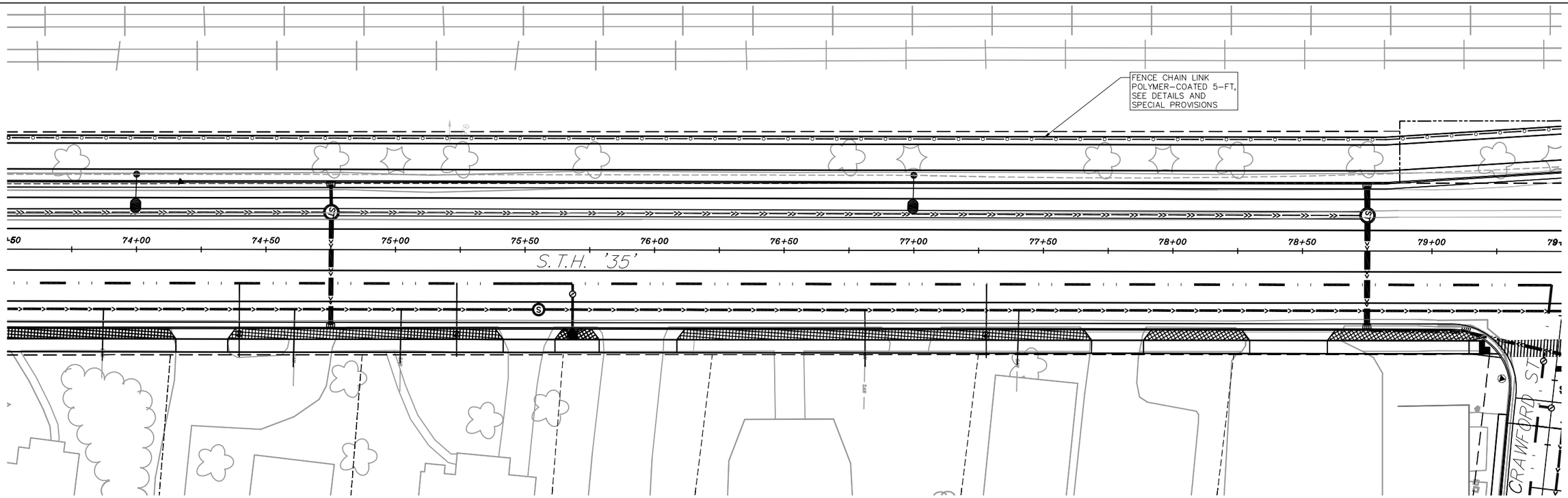
- PROPOSED DECORATIVE CONCRETE SIDEWALK - TERRACE (SEE CONCRETE FINISHING DETAIL)
- PROPOSED COLORED CONCRETE CROSSWALK
- PROPOSED COLORED CONCRETE MEDIAN ISLAND

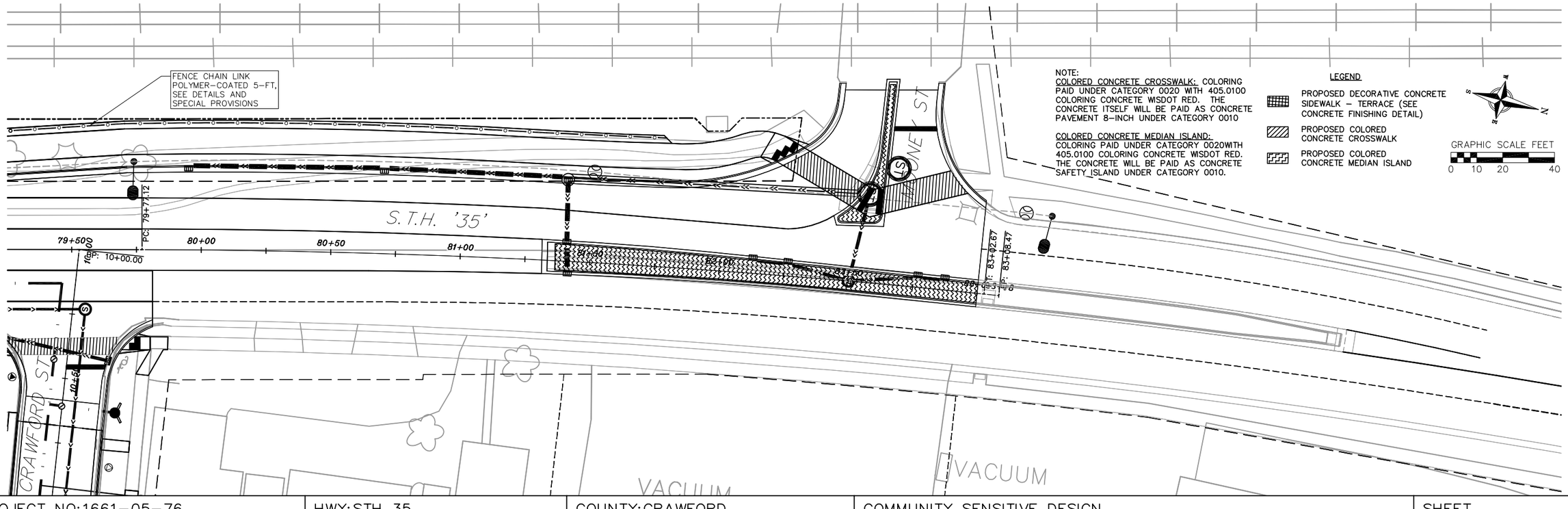
GRAPHIC SCALE FEET
0 10 20 40



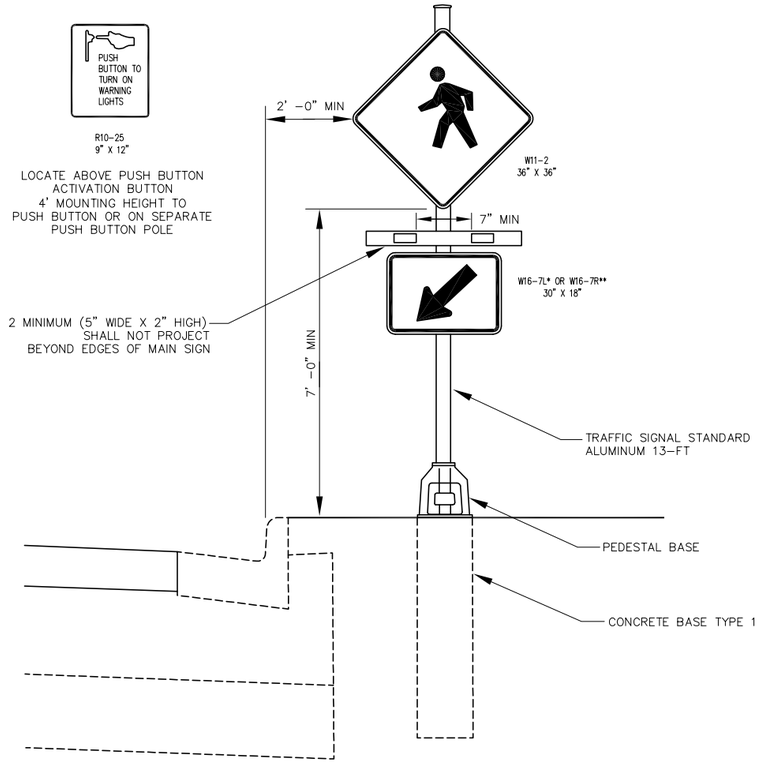
PROJECT NO:1661-05-76	HWY:STH 35	COUNTY:CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 121	E

2





PROJECT NO:1661–05–76	HWY:STH 35	COUNTY:CRAWFORD	COMMUNITY SENSITIVE DESIGN	SHEET 122	E



* RRFB POLE, AT STATIONS 46+33 33' LT, 46+17 33' RT, 67+05 30' LT & 66+96 33' RT SHALL HAVE ONE (1) W16-7L SIGN. THE ARROW SHALL BE DIRECTED TOWARDS THE CURB.

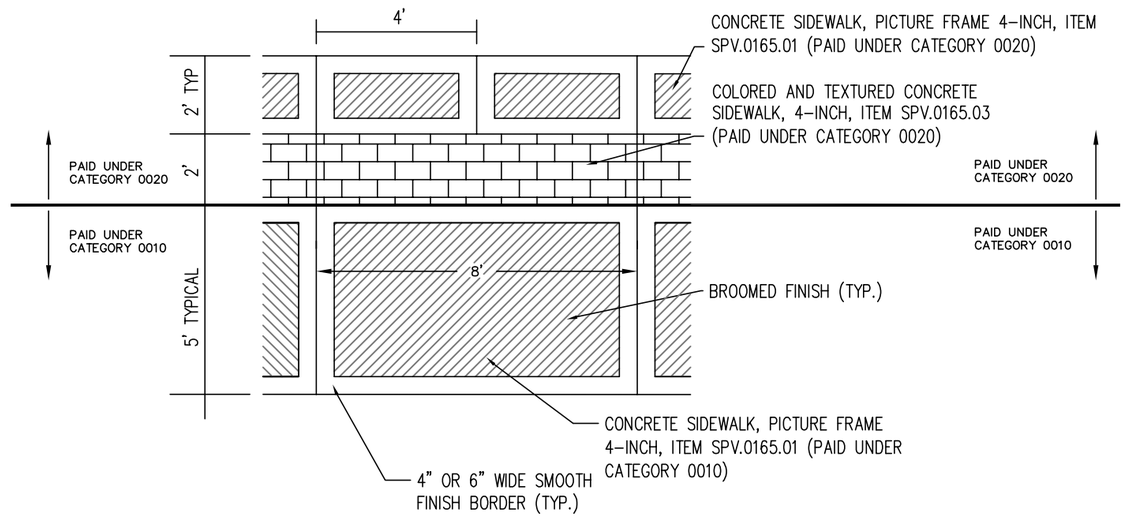
** RRFB POLE AT STATIONS 46+17 & 66+94 SHALL HAVE TWO (2) W16-7R SIGNS, BACK TO BACK.

NOTE:
SEE COMMUNITY SENSITIVE DESIGN PLAN SHEETS FOR BEACON AND PUSH BUTTON LOCATIONS.

EACH RRFB POLE SHALL HAVE TWO (2) W11-2 SIGNS MOUNTED, BACK TO BACK

RECTANGULAR RAPID FLASHING BEACON DETAIL

(NOT TO SCALE)



CONCRETE FINISHING DETAIL

(APPLICABLE FOR 4" AND 6" PICTURE FRAME ITEMS, NOT TO SCALE)

PROJECT NO:1661-05-76	HWY:STH 35 / USH 18	COUNTY:CRAWFORD	COMMUNITY SENSITIVE DESIGN	SCALE, FEET 0 NOTED	SHEET NO: 123	E

LEVELS ON 1#2,3,4,5,6,7,8,9,10 11#2,13 14 15 16 17 18 19,20,21#2,22,23,24,25,26,27,28,29,30 31#2,33,34,35,36 37,38,39,40 41#2,42,43,44,45,46,47,48,49,50 51#2,53 54,55,56 57,58 59,60 61#2,63

2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

N

001
LEFT LANE MUST TURN LEFT
R3-7-L
30"X30"

002
WEST 18 60
JV-1
24"X81"

006
LEFT LANE MUST TURN LEFT
R3-7-L
30"X30"

7+00 8+00 9+00 10+00 11+00

MATCH LINE STA 11+85

ONE WAY

ALTERNATE SIDE PARKING
NO ENGINE BRAKING EXCEPT IN EMERGENCY

Prairie du Chien
POPULATION 5911

ONLY
R3-5-L
42"X48"
003

R3-6-R
42"X48"
004

WEST 18 WEST 60

Lynxville
La Crosse
Marquette
D1-3 78"x36"
005
MOVED FROM STA 12+90

NORTH 35 NORTH
J2-2
MOVE TO STA 12+50 RT

DO NOT ENTER

VINEYARD RD.

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 124	E

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER

2

2

STA 11+85

MATCH LINE

MATCH LINE STA 18+00

12+00 13+00 14+00 15+00 16+00 17+00 18+

STH 35 (MARQUETTE ROAD)

103 WEST 18 60 JV-1 24"X81"

101 ONLY R3-5-L 42"X48"

ONE WAY

DO NOT ENTER

SOUTH SOUTH 35

SPEED LIMIT 35

EAST EAST 18 60

EAST SOUTH EAST SOUTH 18 35 60

WEST WEST 18 60

STOP

R/W

SIGN

INL

MH

HW

111 DO NOT ENTER R5-1 MOVE

STOP R1-1F MOVE

30"X24"

105R

105 R4-7 24"X30"

109 DO NOT ENTER R5-1 MOVE

NORTH NORTH 35

112R REMOVE

102 R3-6-R 42"X48"

NORTH NORTH 35 J2-2 106 MOVED FROM STA 11+20

STOP R1-1 107 MOVE DUE TO SIGN STRUCTURE, REPLACE IN SIMILAR LOCATION

ONE WAY R6-2-R 24"X30" 108

Lynxville La Crosse Marquette D1-3 78"X36" MOVE TO STA 11+10 RT

Business District D1-56-SU 66"x24'

W12-1D 30"X30" 104

SPEED LIMIT 35

WEST WEST 18 60

11+00 P.O.L.

STOP R1-1F MOVE

ONE WAY R6-2-L MOVE

DO NOT ENTER R5-1 MOVE 110

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 125	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:37 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER

MATCH LINE STA 18+00

MATCH LINE STA 23+35

19+00 20+00 21+00 22+00 23+00

STH 35 (MARQUETTE ROAD)

R/W

202 W12-1D 24"X24"

203R REMOVE

204 SOUTH 35 J3-2 48"X57"

204R SOUTH 35 REMOVE

212 ONE WAY R6-2-R 24"X30"

206 Bridgeport Madison Marquette D1-3 78"x36"

206R Bridgeport Madison Marquette D1-3 78"x36"

209 END R3-9-D 24"X6" CENTER LANE ONLY R3-9-B 24"X36"

208 ONLY ONLY R3-8-M 54"X30"

210R REMOVE

210 W3-3 36"X36"

211 EAST 18 EAST 60 J3-2 48"X57"

211R EAST 18 EAST 60 REMOVE

201R NORTH 35 REMOVE

201 NORTH 35 J4-1 24"X36"

213 BEGIN LEFT TURN LANE R3-20-L 24"X36"

214 DO NOT ENTER R5-1 30"X30"

205R SPEED LIMIT 35 REMOVE

205 SPEED LIMIT 35 R2-1 24"X30"

215 ONE WAY R6-2-R 24"X30"

207 BEGIN R3-9-C 24"X6" CENTER LANE ONLY R3-9-B 24"X36"

216 NORTH AMERICA'S BYWAYS JV-1 24"X60"

SIGN CANOPY FILLER CAPS MH INL

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 126	E

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX / XXXR — SIGN NUMBER / REMOVED SIGN NUMBER

301R — WEST WEST 18 60 — REMOVE

301 — WEST WEST 18 60 — J2-2 48"X57"

303 — JCT JCT 18 60 — J1-2 48"X39"

303R — JCT JCT 18 60 — REMOVE

305 — SPEED LIMIT 35 — R2-1 24"X30"

MATCH LINE STA 23+35

MATCH LINE STA 29+25

24+00 25+00 26+00 27+00 28+00 29+00

STH 35 (MARQUETTE ROAD)

302 — STOP — R1-1 30"X30"

302R — STOP — REMOVE

304 — SPEED LIMIT 35 — R2-1 24"X30"

PRAIRIE ST.

MARQUETTE RD.

MOVE BY OTHERS

15TH ST

R/W

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 127 E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:38 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

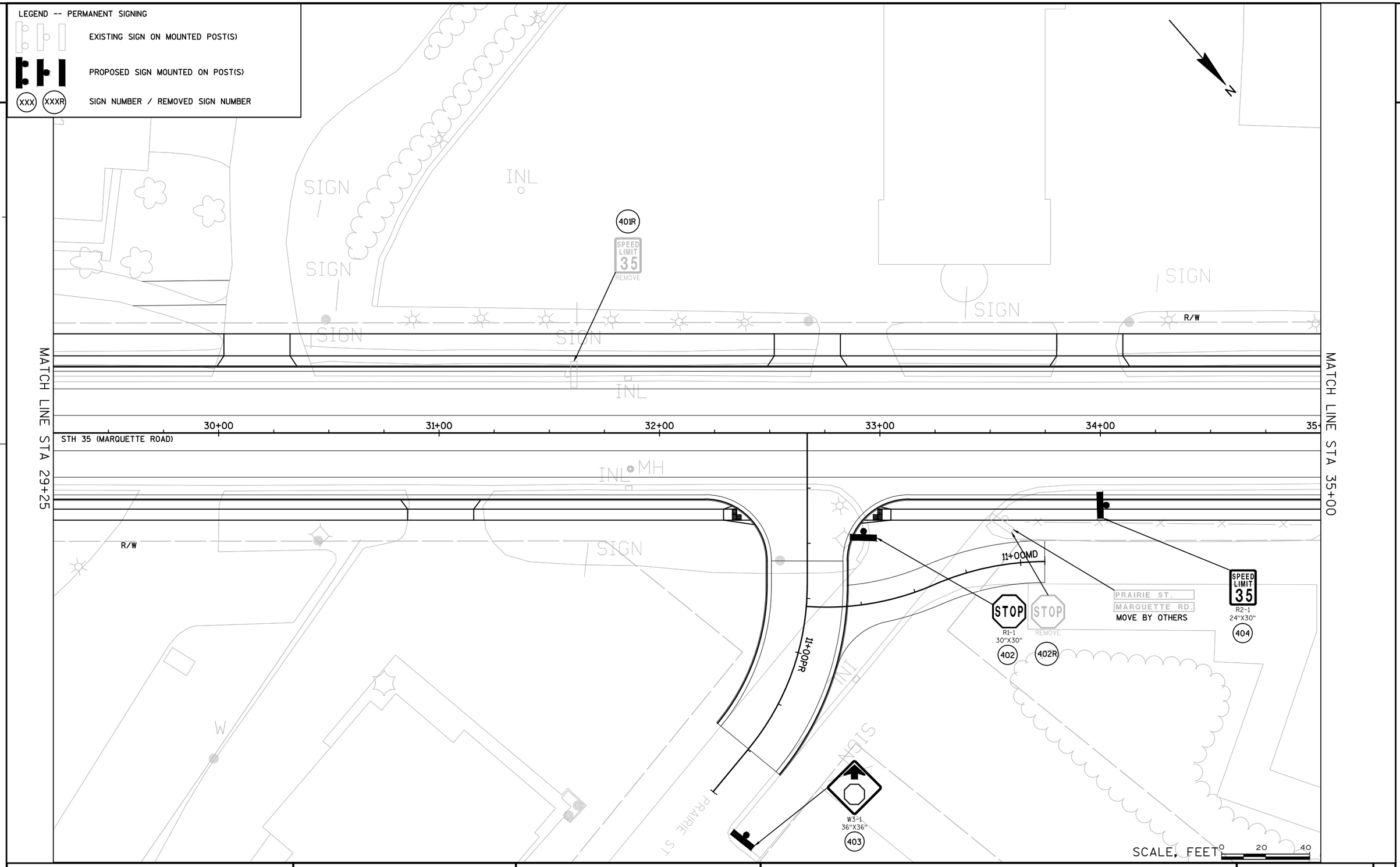
2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER



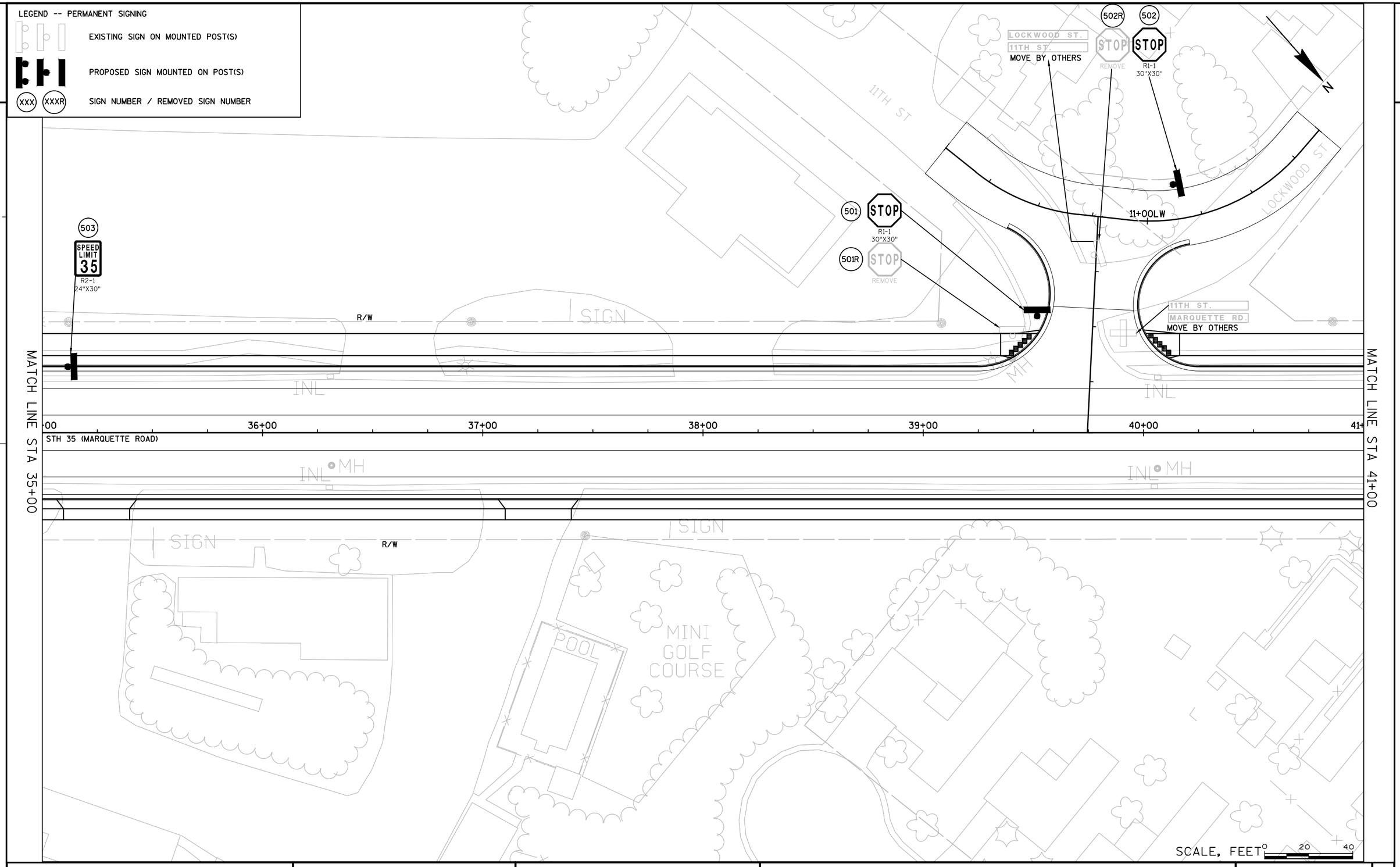
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 128	E

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 129	E

2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER

MATCH LINE STA 41+00

MATCH LINE STA 46+75

10TH ST

614 SOUTH AMERICA'S BYWAYS JV-1 24"X60"

W3-1 36"X36" 609

11+00TE

613 SPEED LIMIT 35 R2-1 24"X30"

603 STOP R1-1 30"X30"

603R STOP REMOVE

10TH ST. MARQUETTE RD. MOVE BY OTHERS

608 W11-15 30"X30" W16-7L 24"X12" R10-25 9"X12" PUSH BUTTON TO TURN ON WARNING LIGHTS MOUNT ON RRFB

605R SPEED LIMIT 35 REMOVE

11TH ST. MARQUETTE RD. REMOVE BY OTHERS

R/W

SIGN

HW

00 42+00 43+00 44+00 45+00 46+00

STH 35 (MARQUETTE ROAD)

MH

11TH ST. MARQUETTE RD. REMOVE BY OTHERS

W5-56 18"X18" 611

STOP REMOVE 601R

REDUCE SPEED AHEAD REMOVE 602R

11+00EC

610 W11-15 30"X30" AHEAD W16-9P 24"X8"

612 SPEED LIMIT 30 R2-1 24"X30"

607 W11-15 30"X30" W16-7R 24"X12" MOUNT ON RRFB

606 W11-15 30"X30" W16-7L 24"X12" R10-25 9"X12" PUSH BUTTON TO TURN ON WARNING LIGHTS MOUNT ON RRFB

SPEED LIMIT 30 REMOVE 604R

11TH ST

CAMPION BLVD

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 130	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:40 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

NORTHERN & SANTA FE

703 W11-15 30"X30" AHEAD W16-9P 24"X8"

707 DO NOT ENTER R5-1 30"X30"

708 CENTER LANE ONLY R3-9-B 24"X36"

710 SOUTH 35 J4-1 24"X36"

711 SPEED LIMIT 30 R2-1 24"X30"

R/W

SIGN

INL

MATCH LINE STA 46+75

47+00

48+00

STH 35 (MARQUETTE ROAD)

49+00

00BD 11+

50+00

51+00

52+00

MH

MATCH LINE STA 52+50

R/W

SIGN

STATUE

10TH ST

702R REMOVE

701 STOP R1-1 30"X30"

701R STOP REMOVE

CAMPION ST.
MARQUETTE RD.
MOVE BY OTHERS

704 W10-3 36"X36"

705 R4-7 24"X30"

706 SPEED LIMIT 30 R2-1 24"X30"

709 BEGIN LEFT TURN LANE R3-20-L 24"X36"

712 W11-15 30"X30" W16-7L 24"X12"

713 DO NOT ENTER R5-1 30"X30"

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 131	E

2

N

ONLY
R3-50-R
30"X36"
803

811
R4-7
18"X24"

PARRISH ST.

14+00PA

STOP
REMOVE
802R

H
REMOVE
800

YIELD
R1-2
36"X31"

R R
W10-1
36"X36"
807

R R
REMOVE
807R

805
R4-7
24"X30"

12+00PA

808
W11-15
30"X30"
W16-7L
24"X12"

813
ONLY ONLY ONLY
R3-8-W
54"X30"

814
W11-15
30"X30"
AHEAD
W16-9P
24"X8"

815
W10-3
36"X36"

R/W

SIGN

INL

MH

ONE WAY
R6-2-R
24"X30"
801

MATCH LINE STA 52+50

53+00

54+00

55+00

56+00

57+00

58+00

MATCH LINE STA 58+25

STH 35 (MARQUETTE ROAD)

13+00PA

R4-7
24"X30"
804

STOP
R1-1
30"X30"
806

STOP
REMOVE
806R

PARRISH ST.
MARQUETTE RD.
MOVE BY OTHERS

BEGIN LEFT TURN LANE
R3-20-L
24"X36"
810

CENTER LANE ONLY
R3-9-B
24"X36"
812

9TH ST

POOL

11+00FW

FOWLER ST.

R/W

STOP
REMOVE
809R

STOP
R1-1
30"X30"
809

FOWLER ST.
MARQUETTE RD.
MOVE BY OTHERS

SOUTH
35
J4-1
24"X36"
816

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 132	E

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

2

2

N

MATCH LINE STA 58+25

MATCH LINE STA 64+25

STH 35 (MARQUETTE ROAD)

59+00 60+00 61+00 62+00 63+00 64+00

R/W

901R SPEED LIMIT 30 REMOVE

901 SPEED LIMIT 30 R2-1 24"X30"

904R TRUCK ROUTE REMOVE

R/W SPEED LIMIT 30 R2-1 24"X30" 906

11+00BR

902R STOP REMOVE

902 STOP R1-1 30"X30"

BRUNSON ST.
MARQUETTE RD.
MOVE BY OTHERS

NORTH AMERICA'S BYWAYS JV-1 24"X60" 216

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT REMOVE 903R

905 STOP

905R STOP REMOVE R1-1 30"X30"

11+00BW

BROADWAY ST.
MARQUETTE RD.
MOVE BY OTHERS

BRUNSON ST

BROADWAY ST

SIGN

MH

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 133	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:41 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

MATCH LINE STA 64+25

MATCH LINE STA 69+75

STH 35 (MARQUETTE ROAD)

65+00 66+00 +00 68+00 69+00

1009 W11-2 30"X30" W16-7L 24"X12" R10-25 9"X12" MOUNT ON RRFB

1004R REMOVE

1005R SPEED LIMIT 30 REMOVE

R/W

1000 W11-2 30"X30" AHEAD W16-9P 24"X8"

1001R REMOVE

1008 W11-2 30"X30" W16-7R 24"X12"

1007 W11-2 30"X30" W16-7L 24"X12" R10-25 9"X12" MOUNT ON RRFB

1002R REMOVE

MOUNT ON RRFB

11+00 OWE

WELLS ST.

MARQUETTE RD.

MOVE BY OTHERS

1003R STOP REMOVE

1003 STOP R1-1 30"X30"

SPEED LIMIT 30 R2-1 24"X30"

1006 SPEED LIMIT 30 REMOVE

1006R ANY TIME REMOVE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 134	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:42 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

N

1102

W11-2
30"X30"
AHEAD
W16-9P
24"X8"

1103

SPEED LIMIT 30
R2-1
24"X30"

1101R

REMOVE

R/W

MATCH LINE STA 69+75

70+00 71+00 72+00 73+00 74+00 75+00

STH 35 (MARQUETTE ROAD)

RTHERN & SANTA FE

INL

MH

SIGN

SIGN

SIGN

R/W

W

FILLER CAPS

SCALE, FEET 0 20 40

MATCH LINE STA 75+75

2

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 135	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:42 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

2

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

N

MATCH LINE STA 75+75

MATCH LINE STA 81+50

76+00 77+00 78+00 79+00 80+00 81+00

STH 35 (MARQUETTE ROAD)

1202R SPEED LIMIT 30 REMOVE

1202 SPEED LIMIT 30 R2-1 24"X30"

1204 BEGIN R3-9-C 24"X6" CENTER LANE ONLY R3-9-B 24"X36"

1207 DO NOT ENTER R5-1 30"X30"

R/W

SPEED LIMIT 30 R2-1 24"X30" 1201

SPEED LIMIT 30 REMOVE 1201R

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT REMOVE 1203R

1205 STOP R1-1 30"X30"

1205R STOP REMOVE

CRAWFORD ST.
MARQUETTE RD.
MOVE BY OTHERS

R20CR

W11-2 30"X30" AHEAD W16-9P 24"X8" 1206

END R3-9-D 24"X6" CENTER LANE ONLY R3-9-B 24"X36" 1208

1209 R4-7 24"X30"

CRAWFORD ST

SIGN

INL

MH

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 136	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:43 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

N

1307 DO NOT STOP ON TRACKS R8-8 24"X30"

1306 RAIL ROAD CROSSING KEEP IN PLACE

MOONEY ST

12+00MN

1311

1315 RAIL ROAD CROSSING KEEP IN PLACE

1301 W4-2R 36"X36"

1303 ONLY R3-50-R 30"X36"

1305 YIELD R1-2 36"X31"

1314 R R W10-1 36"X36"

1316R REMOVE

1317 W11-15 30"X30" W16-7L 24"X12"

1318 R4-7 24"X30"

1320 W10-3 36"X36"

R/W

13+00MN

MOONEY ST.
MARQUETTE RD.
MOVE BY OTHERS

1308R STOP REMOVE

MATCH LINE STA 81+50

82+00 STH 35 (MARQUETTE ROAD)

83+00

84+00

85+00

MATCH LINE STA 85+75

R/W

EXISTING RFFB AND SIGNS TO REMAIN

1309 ONE WAY R6-2-R 24"X30"

1313 ONE WAY R6-2-R 24"X30"

1319 SPEED LIMIT 30 R2-1 24"X30"

1310 DO NOT ENTER R5-1 30"X30"

VACUUM

SIGN

INL

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX XXXR SIGN NUMBER / REMOVED SIGN NUMBER

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 137 E

2

2

N

MATCH LINE STA 85+75

86+00

87+00

88+00

89+00

90+00

91+00

1401R

AHEAD

1402

SPEED LIMIT 30

R2-1
24"X30"

1403

W4-2R
36"X36"

1404

RIGHT LANE ENDS

W9-1R
30"X30"

STOP

TAYLOR ST.
MARQUETTE RD.

STOP

DUNN ST.
MARQUETTE RD.

TAYLOR ST

DUNN ST

SIGN

MH

INL

FILLER CAPS

LEGEND -- PERMANENT SIGNING

EXISTING SIGN ON MOUNTED POST(S)

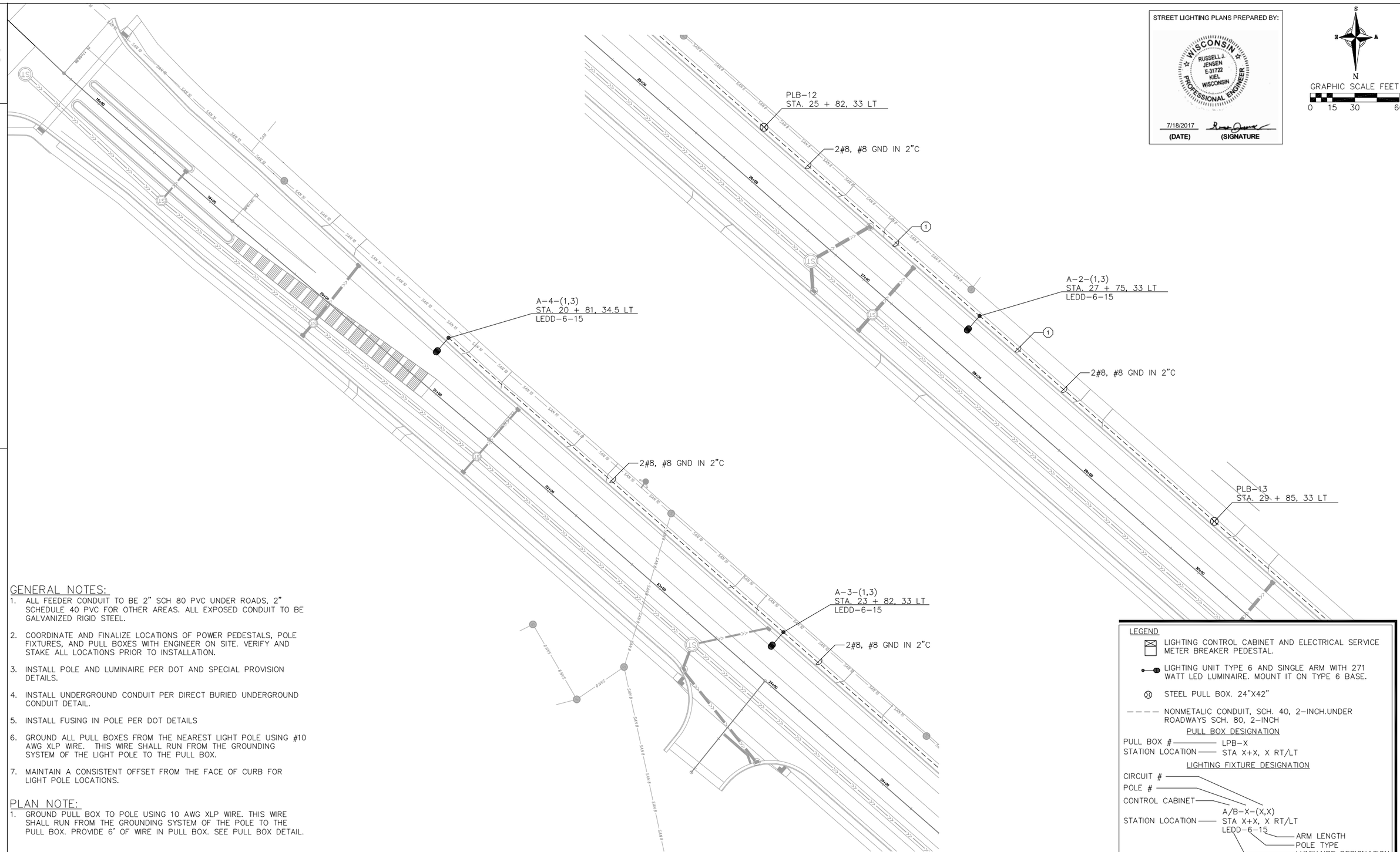
PROPOSED SIGN MOUNTED ON POST(S)

(XXX) (XXXR) SIGN NUMBER / REMOVED SIGN NUMBER

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET 138	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\023201_PS.DWG PLOT DATE : 11/8/2017 3:44 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF



STREET LIGHTING PLANS PREPARED BY:

WISCONSIN
RUSSELL J. JENSEN
E-31722
KIEL
WISCONSIN
PROFESSIONAL ENGINEER

7/18/2017 (DATE) (SIGNATURE)

S E N

GRAPHIC SCALE FEET
0 15 30 60

2

GENERAL NOTES:

1. ALL FEEDER CONDUIT TO BE 2" SCH 80 PVC UNDER ROADS, 2" SCHEDULE 40 PVC FOR OTHER AREAS. ALL EXPOSED CONDUIT TO BE GALVANIZED RIGID STEEL.
2. COORDINATE AND FINALIZE LOCATIONS OF POWER PEDESTALS, POLE FIXTURES, AND PULL BOXES WITH ENGINEER ON SITE. VERIFY AND STAKE ALL LOCATIONS PRIOR TO INSTALLATION.
3. INSTALL POLE AND LUMINAIRE PER DOT AND SPECIAL PROVISION DETAILS.
4. INSTALL UNDERGROUND CONDUIT PER DIRECT BURIED UNDERGROUND CONDUIT DETAIL.
5. INSTALL FUSING IN POLE PER DOT DETAILS
6. GROUND ALL PULL BOXES FROM THE NEAREST LIGHT POLE USING #10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE LIGHT POLE TO THE PULL BOX.
7. MAINTAIN A CONSISTENT OFFSET FROM THE FACE OF CURB FOR LIGHT POLE LOCATIONS.

PLAN NOTE:

1. GROUND PULL BOX TO POLE USING 10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE POLE TO THE PULL BOX. PROVIDE 6' OF WIRE IN PULL BOX. SEE PULL BOX DETAIL.

LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL.
- LIGHTING UNIT TYPE 6 AND SINGLE ARM WITH 271 WATT LED LUMINAIRE. MOUNT IT ON TYPE 6 BASE.
- STEEL PULL BOX. 24"X42"
- NONMETALIC CONDUIT, SCH. 40, 2-INCH.UNDER ROADWAYS SCH. 80, 2-INCH

PULL BOX DESIGNATION

PULL BOX # — LPB-X
STATION LOCATION — STA X+X, X RT/LT

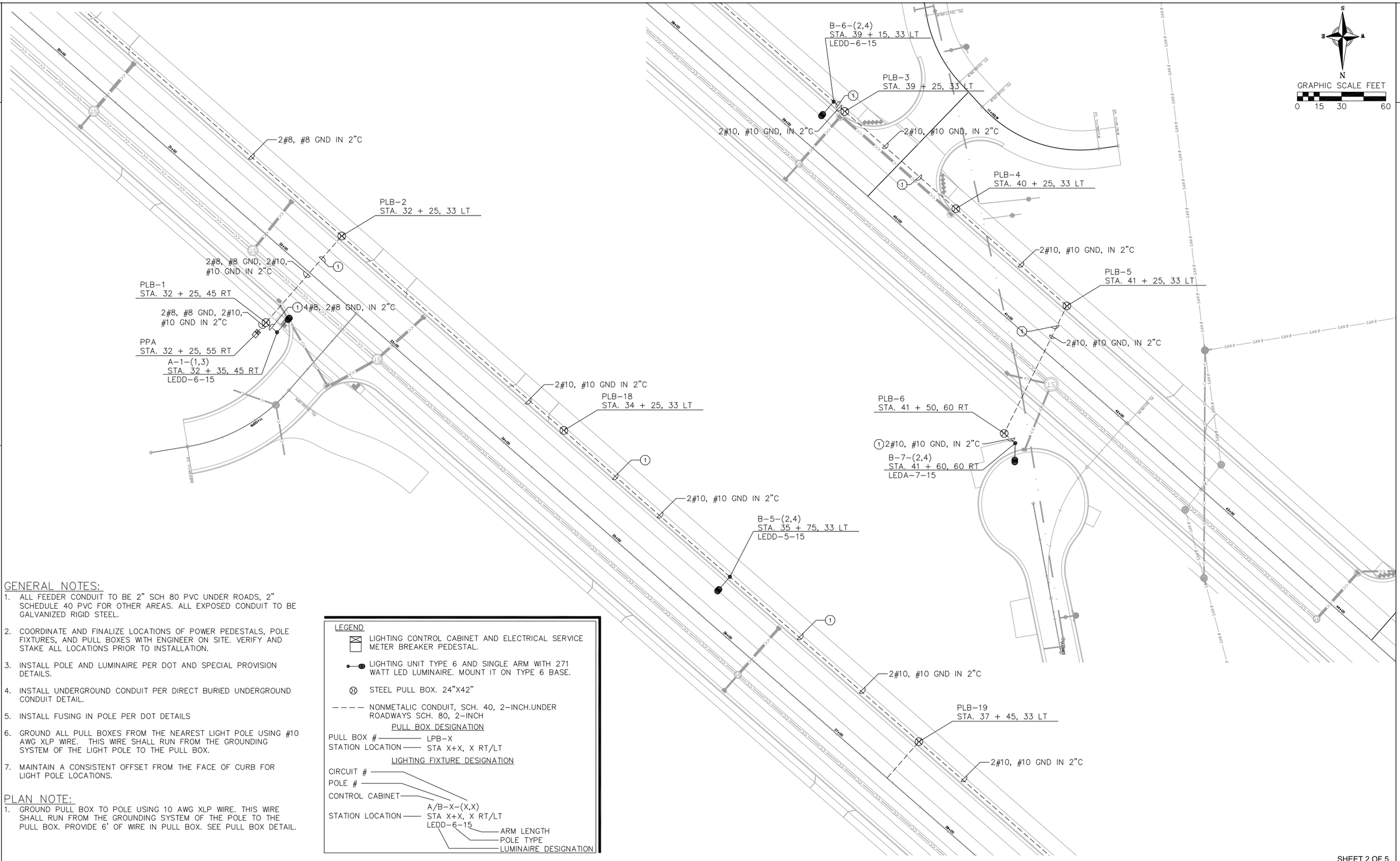
LIGHTING FIXTURE DESIGNATION

CIRCUIT #
POLE #
CONTROL CABINET
STATION LOCATION — A/B-X-(X,X) STA X+X, X RT/LT LEDD-6-15
ARM LENGTH
POLE TYPE
LUMINAIRE DESIGNATION

SHEET 1 OF 5

PROJECT NO:1661-05-76	HWY:STH 35	COUNTY:CRAWFORD	LIGHTING PLAN

FILE NAME : MARQUETTE ROAD PLOT DATE : 01/29 PLOT BY : ELLIS MILLER



2

GENERAL NOTES:

1. ALL FEEDER CONDUIT TO BE 2" SCH 80 PVC UNDER ROADS, 2" SCHEDULE 40 PVC FOR OTHER AREAS. ALL EXPOSED CONDUIT TO BE GALVANIZED RIGID STEEL.
2. COORDINATE AND FINALIZE LOCATIONS OF POWER PEDESTALS, POLE FIXTURES, AND PULL BOXES WITH ENGINEER ON SITE. VERIFY AND STAKE ALL LOCATIONS PRIOR TO INSTALLATION.
3. INSTALL POLE AND LUMINAIRE PER DOT AND SPECIAL PROVISION DETAILS.
4. INSTALL UNDERGROUND CONDUIT PER DIRECT BURIED UNDERGROUND CONDUIT DETAIL.
5. INSTALL FUSING IN POLE PER DOT DETAILS
6. GROUND ALL PULL BOXES FROM THE NEAREST LIGHT POLE USING #10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE LIGHT POLE TO THE PULL BOX.
7. MAINTAIN A CONSISTENT OFFSET FROM THE FACE OF CURB FOR LIGHT POLE LOCATIONS.

PLAN NOTE:

1. GROUND PULL BOX TO POLE USING 10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE POLE TO THE PULL BOX. PROVIDE 6' OF WIRE IN PULL BOX. SEE PULL BOX DETAIL.

LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL.
- LIGHTING UNIT TYPE 6 AND SINGLE ARM WITH 271 WATT LED LUMINAIRE. MOUNT IT ON TYPE 6 BASE.
- STEEL PULL BOX. 24"X42"
- NONMETALIC CONDUIT, SCH. 40, 2-INCH.UNDER ROADWAYS SCH. 80, 2-INCH

PULL BOX DESIGNATION

PULL BOX # — LPB-X
STATION LOCATION — STA X+X, X RT/LT

LIGHTING FIXTURE DESIGNATION

CIRCUIT #
POLE #
CONTROL CABINET
A/B-X-(X,X)
STATION LOCATION — STA X+X, X RT/LT
LEDD-6-15
ARM LENGTH
POLE TYPE
LUMINAIRE DESIGNATION

SHEET 2 OF 5

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	LIGHTING PLAN

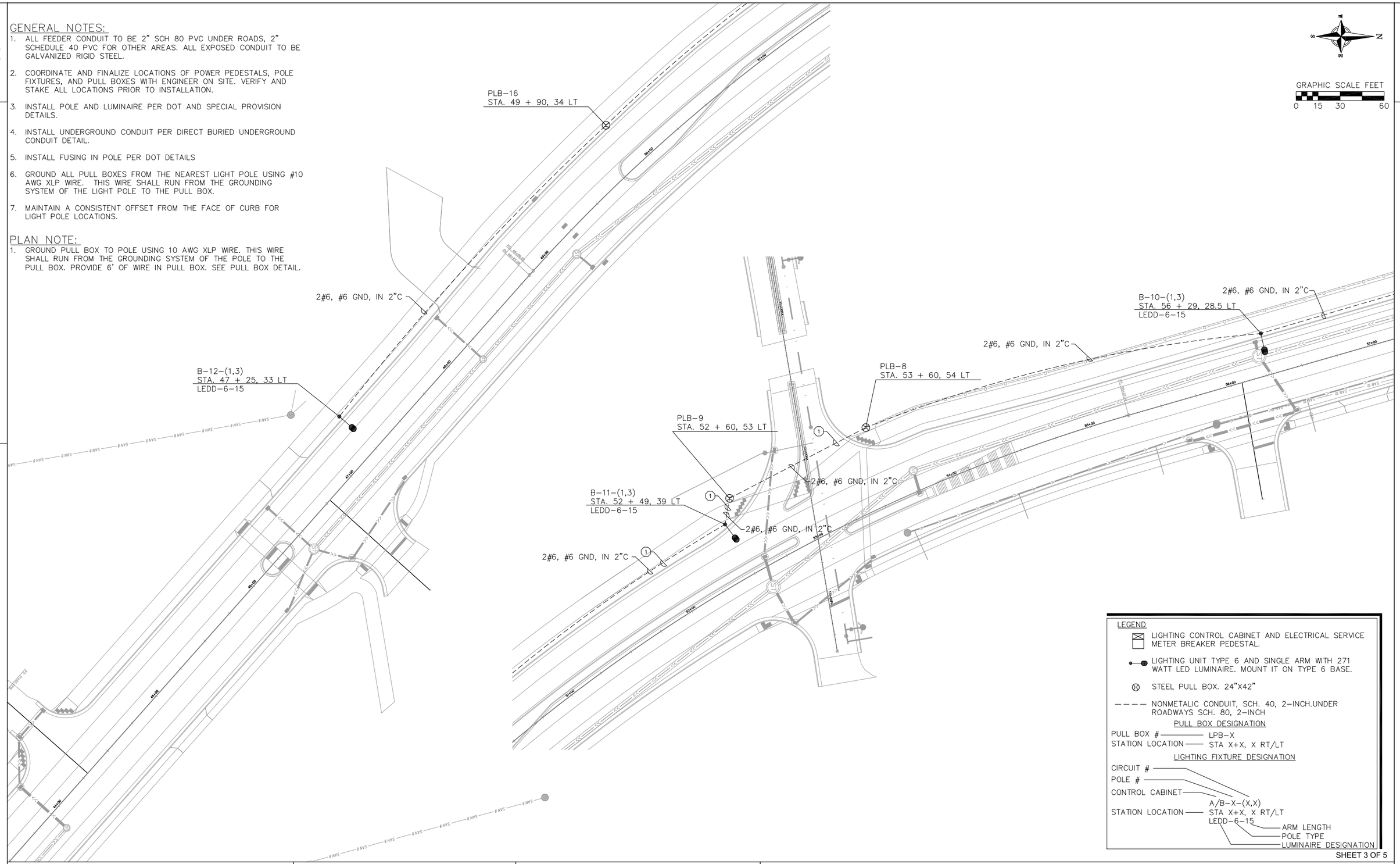
FILE NAME : MARQUETTE ROAD PLOT DATE : 01/29 PLOT BY : ELLIS MILLER

GENERAL NOTES:

1. ALL FEEDER CONDUIT TO BE 2" SCH 80 PVC UNDER ROADS, 2" SCHEDULE 40 PVC FOR OTHER AREAS. ALL EXPOSED CONDUIT TO BE GALVANIZED RIGID STEEL.
2. COORDINATE AND FINALIZE LOCATIONS OF POWER PEDESTALS, POLE FIXTURES, AND PULL BOXES WITH ENGINEER ON SITE. VERIFY AND STAKE ALL LOCATIONS PRIOR TO INSTALLATION.
3. INSTALL POLE AND LUMINAIRE PER DOT AND SPECIAL PROVISION DETAILS.
4. INSTALL UNDERGROUND CONDUIT PER DIRECT BURIED UNDERGROUND CONDUIT DETAIL.
5. INSTALL FUSING IN POLE PER DOT DETAILS
6. GROUND ALL PULL BOXES FROM THE NEAREST LIGHT POLE USING #10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE LIGHT POLE TO THE PULL BOX.
7. MAINTAIN A CONSISTENT OFFSET FROM THE FACE OF CURB FOR LIGHT POLE LOCATIONS.

PLAN NOTE:

1. GROUND PULL BOX TO POLE USING 10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE POLE TO THE PULL BOX. PROVIDE 6' OF WIRE IN PULL BOX. SEE PULL BOX DETAIL.



LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL.
- LIGHTING UNIT TYPE 6 AND SINGLE ARM WITH 271 WATT LED LUMINAIRE. MOUNT IT ON TYPE 6 BASE.
- STEEL PULL BOX. 24"X42"
- NONMETALIC CONDUIT, SCH. 40, 2–INCH.UNDER ROADWAYS SCH. 80, 2–INCH

PULL BOX DESIGNATION

PULL BOX # — LPB–X
STATION LOCATION — STA X+X, X RT/LT

LIGHTING FIXTURE DESIGNATION

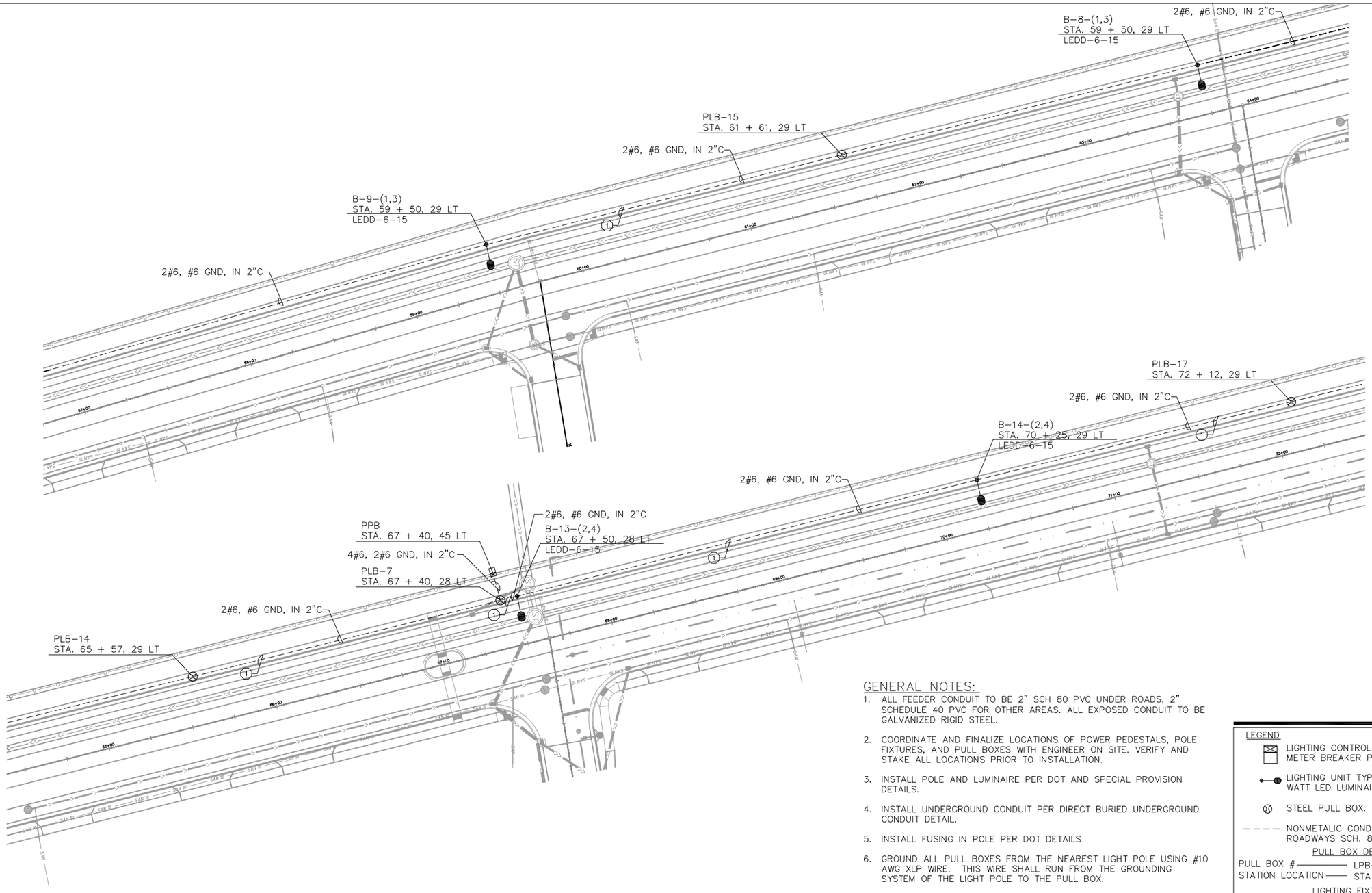
CIRCUIT #
POLE #
CONTROL CABINET
A/B–X–(X,X)
STATION LOCATION — STA X+X, X RT/LT
LEDD–6–15
ARM LENGTH
POLE TYPE
LUMINAIRE DESIGNATION

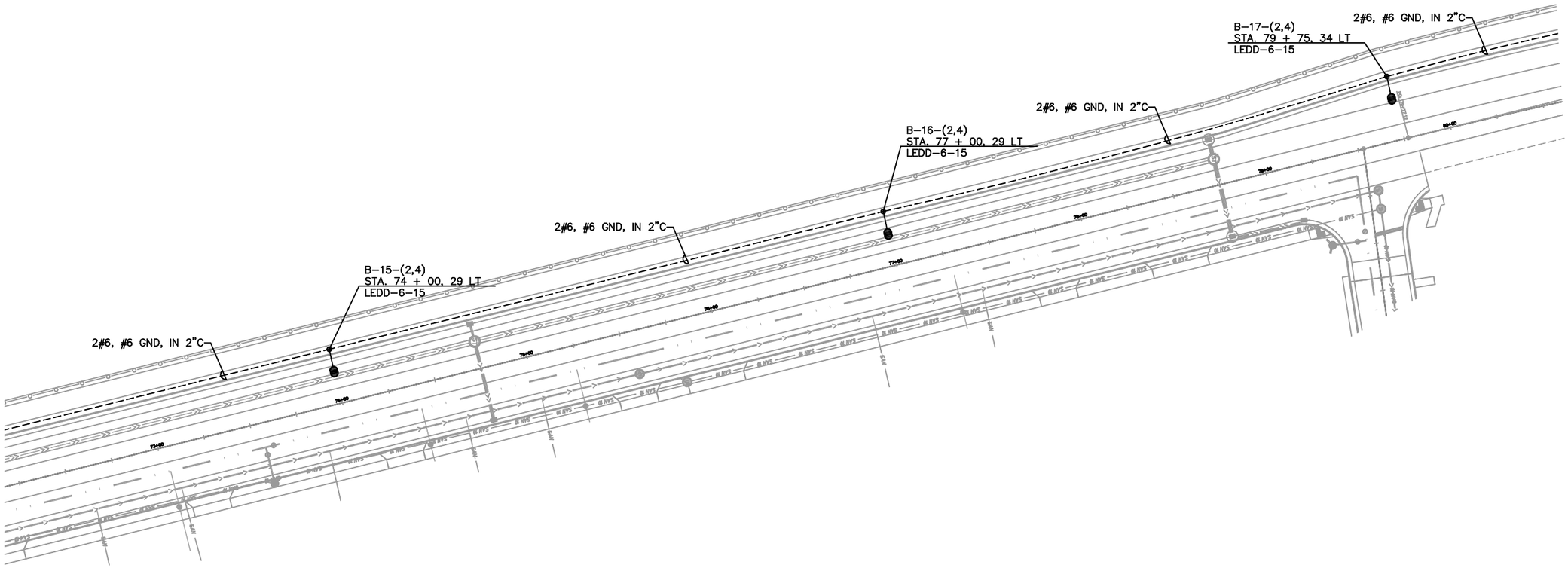
SHEET 3 OF 5

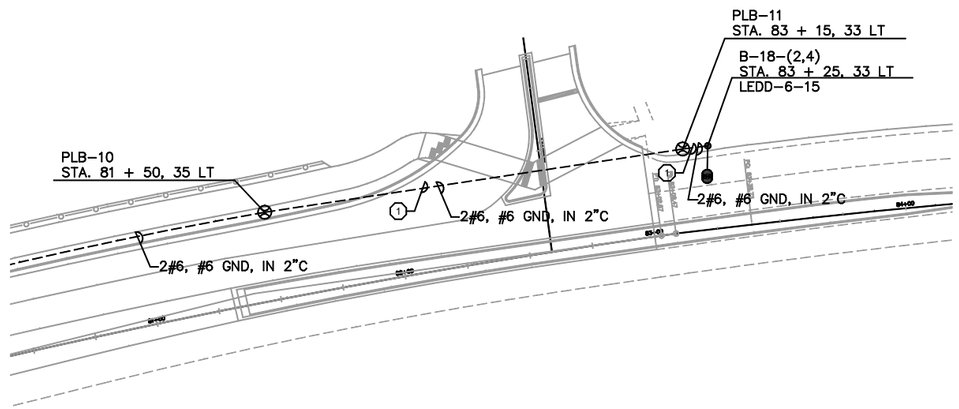
PROJECT NO:1661–05–76	HWY:STH 35	COUNTY:CRAWFORD	LIGHTING PLAN

FILE NAME : MARQUETTE ROAD PLOT DATE : 01/29 PLOT BY : ELLIS MILLER

2


B-8-(1,3)
STA. 59 + 50, 29 LT
LEDD-6-15
2#6, #6 GND, IN 2"C
PLB-15
STA. 61 + 61, 29 LT
2#6, #6 GND, IN 2"C
B-9-(1,3)
STA. 59 + 50, 29 LT
LEDD-6-15
2#6, #6 GND, IN 2"C
PLB-17
STA. 72 + 12, 29 LT
2#6, #6 GND, IN 2"C
B-14-(2,4)
STA. 70 + 25, 29 LT
LEDD-6-15
2#6, #6 GND, IN 2"C
2#6, #6 GND, IN 2"C
PPB
STA. 67 + 40, 45 LT
B-13-(2,4)
STA. 67 + 50, 28 LT
LEDD-6-15
4#6, 2#6 GND, IN 2"C
PLB-7
STA. 67 + 40, 28 LT
2#6, #6 GND, IN 2"C
PLB-14
STA. 65 + 57, 29 LT
57+00
58+00
59+00
60+00
61+00
62+00
63+00
64+00
65+00
66+00
67+00
68+00
69+00
70+00
71+00
72+00
SAN
SAN M
SAN 10
SAN W
SAN 15
SAN 8
SAN 12
SAN 14
SAN 16
SAN 18
SAN 20
SAN 22
SAN 24
SAN 26
SAN 28
SAN 30
SAN 32
SAN 34
SAN 36
SAN 38
SAN 40
SAN 42
SAN 44
SAN 46
SAN 48
SAN 50
SAN





GENERAL NOTES:

1. ALL FEEDER CONDUIT TO BE 2" SCH 80 PVC UNDER ROADS, 2" SCHEDULE 40 PVC FOR OTHER AREAS. ALL EXPOSED CONDUIT TO BE GALVANIZED RIGID STEEL.
2. COORDINATE AND FINALIZE LOCATIONS OF POWER PEDESTALS, POLE FIXTURES, AND PULL BOXES WITH ENGINEER ON SITE. VERIFY AND STAKE ALL LOCATIONS PRIOR TO INSTALLATION.
3. INSTALL POLE AND LUMINAIRE PER DOT AND SPECIAL PROVISION DETAILS.
4. INSTALL UNDERGROUND CONDUIT PER DIRECT BURIED UNDERGROUND CONDUIT DETAIL.
5. INSTALL FUSING IN POLE PER DOT DETAILS
6. GROUND ALL PULL BOXES FROM THE NEAREST LIGHT POLE USING #10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE LIGHT POLE TO THE PULL BOX.
7. MAINTAIN A CONSISTENT OFFSET FROM THE FACE OF CURB FOR LIGHT POLE LOCATIONS.

PLAN NOTE:

1. GROUND PULL BOX TO POLE USING 10 AWG XLP WIRE. THIS WIRE SHALL RUN FROM THE GROUNDING SYSTEM OF THE POLE TO THE PULL BOX. PROVIDE 6' OF WIRE IN PULL BOX. SEE PULL BOX DETAIL.

LEGEND

- LIGHTING CONTROL CABINET AND ELECTRICAL SERVICE METER BREAKER PEDESTAL.
- LIGHTING UNIT TYPE 6 AND SINGLE ARM WITH 271 WATT LED LUMINAIRE. MOUNT IT ON TYPE 6 BASE.
- STEEL PULL BOX. 24"X42"
- NONMETALIC CONDUIT, SCH. 40, 2-INCH.UNDER ROADWAYS SCH. 80, 2-INCH

PULL BOX DESIGNATION

PULL BOX # — LPB-X
STATION LOCATION — STA X+X, X RT/LT

LIGHTING FIXTURE DESIGNATION

CIRCUIT #
POLE #
CONTROL CABINET
A/B-X-(X,X)
STATION LOCATION — STA X+X, X RT/LT
LEDD-6-15
ARM LENGTH
POLE TYPE
LUMINAIRE DESIGNATION

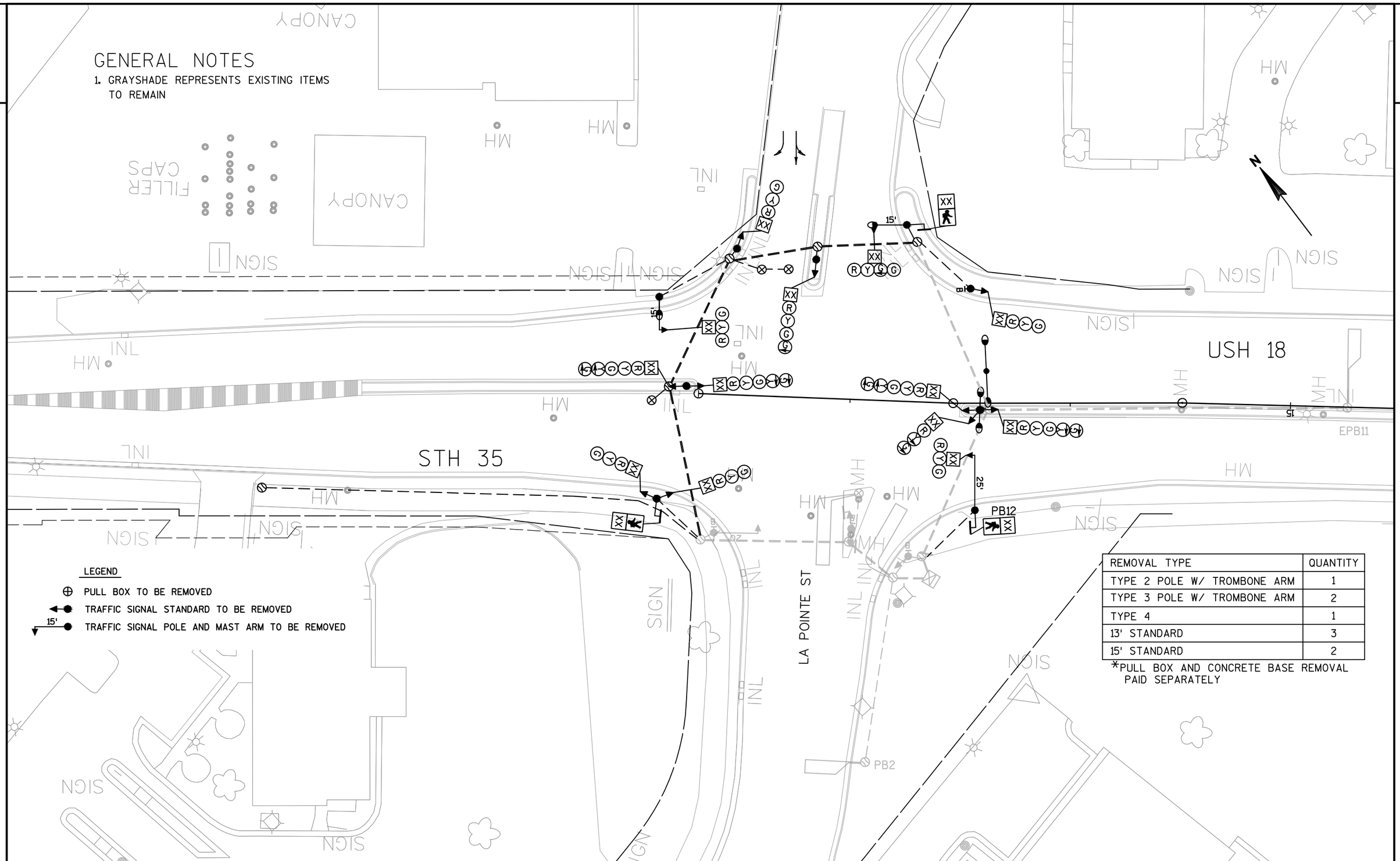
SHEET 5 OF 5

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	LIGHTING PLAN

FILE NAME : MARQUETTE ROAD PLOT DATE : 01/29 PLOT BY : ELLIS MILLER

GENERAL NOTES

1. GRAYSHADE REPRESENTS EXISTING ITEMS TO REMAIN



LEGEND

- PULL BOX TO BE REMOVED
- TRAFFIC SIGNAL STANDARD TO BE REMOVED
- 15' TRAFFIC SIGNAL POLE AND MAST ARM TO BE REMOVED

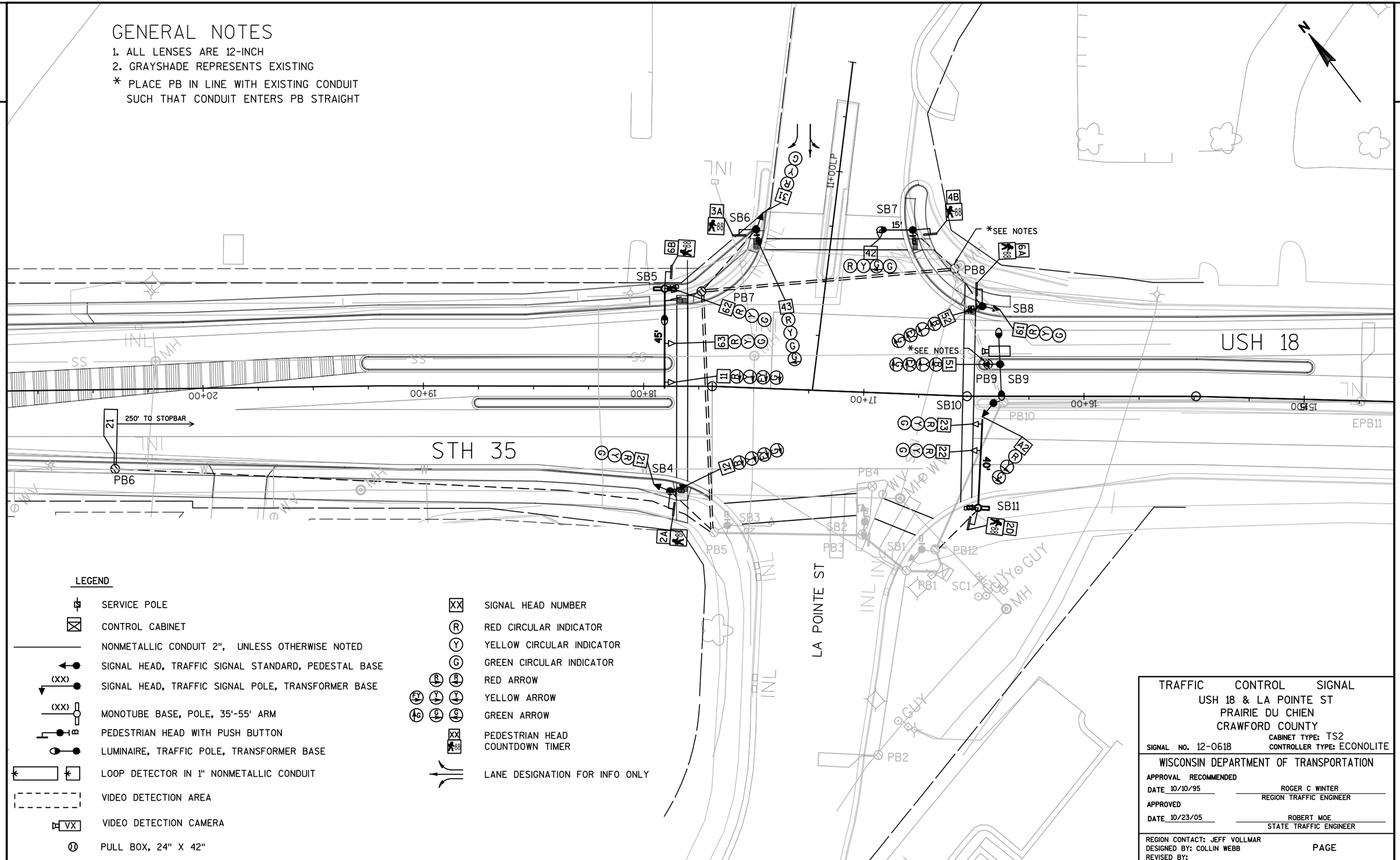
REMOVAL TYPE	QUANTITY
TYPE 2 POLE W/ TROMBONE ARM	1
TYPE 3 POLE W/ TROMBONE ARM	2
TYPE 4	1
13' STANDARD	3
15' STANDARD	2

*PULL BOX AND CONCRETE BASE REMOVAL PAID SEPARATELY

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 144	E

GENERAL NOTES

1. ALL LENSES ARE 12-INCH
2. GRAYSHADE REPRESENTS EXISTING
* PLACE PB IN LINE WITH EXISTING CONDUIT SUCH THAT CONDUIT ENTERS PB STRAIGHT



LEGEND

- SERVICE POLE
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- VX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 42"

- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- XX PEDESTRIAN HEAD COUNTDOWN TIMER
- LANE DESIGNATION FOR INFO ONLY

TRAFFIC CONTROL SIGNAL
USH 18 & LA POINTE ST
PRAIRIE DU CHIEN
CRAWFORD COUNTY
CABINET TYPE: TS2
SIGNAL NO. 12-0618 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 10/10/95 ROGER C WINTER, REGION TRAFFIC ENGINEER
APPROVED
DATE 10/23/05 ROBERT MOE, STATE TRAFFIC ENGINEER

REGION CONTACT: JEFF VOLLMAR
DESIGNED BY: COLLIN WEBB
REVISED BY:
PAGE

PROJECT NO: 1661-05-76	HWY: USH 18	COUNTY: CRAWFORD	TRAFFIC SIGNAL PLAN	SHEET 145 E

FILE NAME : \\LAXRTOPFLPPI01\N3PUBLIC\SPO\TRAFFIC\SIGNALS_CRAWFORD\PROJECTS\1661-05-76, USH 18 & LA POINTE\024001_SP.DWG
LAYOUT NAME - ****
PLOT DATE : 11/10/2017 11:37 AM PLOT BY : WEBB, COLLIN J PLOT NAME : PLOT SCALE : 1 IN:40 FT

3

3

USH 18 AT La Pointe St

HOME RUN	JUMPER	CABLE	BASE #	INDICATION / WIRE COLOR											
				BLACK	WHITE	RED	GREEN	ORANGE	BLUE	WHITE/BLK	RED/BLK	GREEN/BLK	ORANGE/BLK	BLUE/BLK	BLK/WHITE
SC1 - SB4		12/C	SB4	2-DW	NEUTRAL	2-RED	2-GRN	2-YEL	2-WALK	3-PB	1-R-ARROW	1-G-ARROW	1-Y-ARROW	1-FY-ARROW	
SC1 - SB5		9/C	SB5	6-DW	NEUTRAL	6-RED	6-GRN	6-YEL	6-WALK	3-PB	1-R-ARROW	1-G-ARROW	1-Y-ARROW	1-FY-ARROW	
SC1 - SB6		9/C	SB6	3-DW	NEUTRAL	3-RED	3-GRN	3-YEL	3-WALK	6-PB	4-RED	4-GRN	4-YEL		
SC1 - SB7		9/C	SB7	4-DW	NEUTRAL	4-RED	4-GRN	4-YEL	4-WALK	6-PB					
SC1 - SB8		12/C	SB8	6-DW	NEUTRAL	6-RED	6-GRN	6-YEL	6-WALK	4-PB	5-R-ARROW	5-G-ARROW	5-Y-ARROW	5-FY-ARROW	
SC1 - SB9		9/C	SB9		NEUTRAL	5-R-ARROW	5-G-ARROW	5-Y-ARROW	5-FY-ARROW						
SC1 - SB10		9/C	SB10		NEUTRAL	A-RED	A-G-ARROW	A-Y-ARROW							
SC1 - SB11		9/C	SB11	2-DW	NEUTRAL	2-RED	2-GRN	2-YEL	2-WALK	4-PB					

STATE PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC SIGNAL CABLE ROUTING	SHEET NO: 146	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

N

4" LANE EDGE LINE, YELLOW

7+00 STH 35 (MARQUETTE ROAD) 8+00 9+00 +30 10+00 11+00

+18 +15 +85

ONLY ONLY

25' TYP.

8" DOTTED LANE LINE, WHITE (3' LINE, 9' GAP)

4" LANE LINE, WHITE

12" CHEVRON LINE, WHITE

8" LANE CHANNELIZING LINE, WHITE

MATCH LINE STA 11+85

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 147	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 3:58 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

MATCH LINE STA 11+85

MATCH LINE STA 18+00

12+00

13+00

14+00

15+00

16+00

17+00

STH 35 (MARQUETTE ROAD)

25' TYP.

4" LANE LINE, WHITE

8" LANE CHANNELIZING LINE, WHITE

12" CHEVRON LINE, WHITE

4" DASHED LINE, WHITE

ISLAND NOSE, YELLOW

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE (3' LINE, 9' GAP) STA. 15+70 - 16+46

18" STOP BAR, WHITE

4" LANE EDGE LINE, YELLOW

6" CROSS WALK LINE, WHITE

18" STOP BAR, WHITE

4" LANE EDGE LINE, WHITE

6" CROSS WALK LINE, WHITE

ISLAND NOSE, YELLOW

18" STOP BAR, WHITE

6" CROSS WALK LINE, WHITE

ISLAND NOSE, YELLOW

6" CROSS WALK LINE, WHITE

18" STOP BAR, WHITE

4" DASHED LINE, WHITE

4" DOUBLE YELLOW LINE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 148	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 3:59 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 17+91 - 18+47

8" LANE CHANNELIZING LINE, WHITE

12" CHEVRON LINE, WHITE

8" LANE SEPARATION
LINE, WHITE

CORRUGATED
MEDIAN MARKING, YELLOW

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

MATCH LINE STA 18+00

MATCH LINE STA 23+35

19+00

20+00

21+00

22+00

23+00
STH 35 (MARQUETTE ROAD)

ISLAND NOSE, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 22+95 - 23+45

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 149 E

2

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

MATCH LINE STA 23+35

MATCH LINE STA 29+25

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

24+00 25+00 26+00 27+00 28+00 29+00

STH 35 (MARQUETTE ROAD)

+39

+55

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

4" LANE EDGE LINE, WHITE

15TH ST

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 150	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:00 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

MATCH LINE STA 29+25

MATCH LINE STA 35+00

STH 35 (MARQUETTE ROAD)

30+00 31+00 32+00 33+00 34+00

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 31+67 - 32+17

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

11+00OPR

11+00MD

+13

+93

SIGN

INL

MH

W

PRAIRIE ST

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 151	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:00 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

11TH ST

LOCKWOOD ST

11+00LW

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, WHITE

18" STOP BAR LINE, WHITE

6" CROSSWALK LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 40+25 - 40+75

+25

+45

MATCH LINE STA 35+00

MATCH LINE STA 41+00

36+00

37+00

38+00

39+00

40+00

STH 35 (MARQUETTE ROAD)

SIGN

INL

MH

4" LANE EDGE LINE, WHITE

POOL

MINI GOLF COURSE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 152	E

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

18" STOP BAR LINE, WHITE

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

6" CROSSWALK LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 44+79 - 45+29

4" LANE EDGE LINE, WHITE

6" CROSSWALK LINE, WHITE

4" CURB EPOXY, YELLOW

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 45+70 - 46+20

6" CROSSWALK LINE, WHITE

4" DASHED LINE, WHITE

6" CROSSWALK LINE, WHITE

11+00TE

11+00EC

MATCH LINE STA 41+00

MATCH LINE STA 46+75

STH 35 (MARQUETTE ROAD)

42+00 43+00 44+00 45+00 46+00

10TH ST

11TH ST

CANYON BLVD

SIGN

MH

HW

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 153 E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:01 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

NORTHERN & SANTA FE

MARKING ARROW EPOXY, WHITE

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE EDGE LINE, WHITE

8" LANE DROP LINE, WHITE
STA. 51+00 - 52+77

MATCH LINE STA 46+75

47+00

48+00

49+00

50+00

51+00

52+00

MATCH LINE STA 52+50

ISLAND NOSE, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE EDGE LINE, WHITE

8" LANE CHANNELIZING LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 51+91 - 52+42

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

10TH ST

STATUE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 154	E

2

MARKING RAILROAD CROSSING EPOXY, WHITE

ISLAND NOSE, YELLOW

18" STOP BAR LINE, WHITE

6" CROSSWALK LINE, WHITE

4" CURB & LANE DIVIDER LINE, YELLOW

6" CROSSWALK LINE, WHITE

8" LANE CHANNELING LINE, WHITE

CORRUGATED MEDIAN MARKING, YELLOW

4" LANE EDGE LINE, WHITE

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, YELLOW

8" CURB & LANE DIVIDER LINE, WHITE

ISLAND NOSE, YELLOW

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

ISLAND NOSE, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 55+05 - 55+55

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

MATCH LINE STA 52+50

MATCH LINE STA 58+25

STH 35 (MARQUETTE ROAD)

9TH ST

TYLER ST

SIGN

POOL

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR, ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 155	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:02 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

2

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

N

MATCH LINE STA 58+25

MATCH LINE STA 64+25

STH 35 (MARQUETTE ROAD)

59+00 60+00 61+00 62+00 63+00 64+00

+89

+09

11+00BR

11+00BW

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, YELLOW

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 58+72 - 59+22

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 62+92 - 63+42

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

BRUNSON ST

BROADWAY ST

MH SIGN INL

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 156	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:03 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

MATCH LINE STA 64+25

MATCH LINE STA 69+75

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

6" CROSSWALK LINE, WHITE

4" LANE EDGE LINE, WHITE

STH 35 (MARQUETTE ROAD)

65+00

66+00

67+00

68+00

69+00

+08

+28

+82

+03

12" CROSSWALK LINE, WHITE

4" CURB EPOXY, YELLOW

4" LANE EDGE LINE, WHITE

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 66+47 - 66+97

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

11+00WE

BURLINGTON NO

MH

INL

SIGN

FILLER

CANOPY

WELLS ST

W

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 157	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\024501_PM.DWG PLOT DATE : 11/8/2017 4:03 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1" = 40'_XREF

WISDOT/CADDS SHEET 42

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

N

4" LANE EDGE LINE, YELLOW

4" DASHED LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" LANE EDGE LINE, WHITE

MATCH LINE STA 69+75

MATCH LINE STA 75+75

70+00 71+00 72+00 73+00 74+00 75+00

STH 35 (MARQUETTE ROAD)

RTHERN & SANTA FE

MH

SIGN

SIGN

SIGN

INL

INL

W

FILLER CAPS

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 158	E

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

N

8" LANE DROP LINE, WHITE
STA. 79+63 - 82+25

ISLAND CURB, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE EDGE LINE, WHITE

4" DASHED LINE, YELLOW

ISLAND NOSE, YELLOW

MATCH LINE STA 75+75

MATCH LINE STA 81+50

+74

+76

+88

11+00CR

76+00 77+00 78+00 79+00 80+00 81+00

STH 35 (MARQUETTE ROAD)

4" DOTTED EDGE LINE, WHITE
(3' LINE, 9' GAP)
STA. 78+51 - 79+01

12" DIAGONAL, WHITE
25' SPACING

4" LANE CHANNELING
LINE, WHITE

4" LANE EDGE LINE, WHITE

6" CROSSWALK LINE, WHITE

18" STOP BAR LINE, WHITE

CRAWFORD ST

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 159	E

2

N

MOONEY ST

12+00MN

13+00MN

MATCH LINE STA 81+50

MATCH LINE STA 85+75

6" CROSSWALK LINE, WHITE

8" LANE DROP LINE, WHITE

18" STOP BAR LINE, WHITE

4" CURB & LANE DIVIDER LINE, YELLOW

4" LANE EDGE LINE, YELLOW

4" LANE CHANNELIZING LINE, WHITE

8" LANE CHANNELIZING LINE, WHITE

12" DIAGONAL, WHITE
25' SPACING

TYPE 5 ARROW

ONLY

+11

+11

+15

+09

82+00

STH 35 (MARQUETTE ROAD)

83+00

84+00

85+00

8" CURB & LANE
DIVIDER LINE, WHITE

6" CROSSWALK LINE, WHITE

4" LANE CHANNELING
LINE, WHITE

12" DIAGONAL, WHITE
25' SPACING

ISLAND CURB, YELLOW

ISLAND NOSE, YELLOW

12" DIAGONAL, YELLOW
25' SPACING

4" DASHED LINE, WHITE

INLINE

SIGN

VACUUM

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY — MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

SCALE, FEET 0 20 40

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 160	E

2

2

N

12" DIAGONAL, WHITE
25' SPACING

4" LANE EDGE LINE, YELLOW

4" LANE CHANNELING
LINE, WHITE

4" DASHED LINE, WHITE

MATCH LINE STA 85+75

86+00

STH 35 (MARQUETTE ROAD)

87+00

88+00

89+00

90+00

91+00

+17

BURLINGTON

SIGN

MH

INL

FILLER
CAPS

TAYLOR ST

W

LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

RR. ONLY

MARKING WORDS EPOXY, WHITE

MARKING RAILROAD CROSSING EPOXY, WHITE

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING	SHEET 161	E

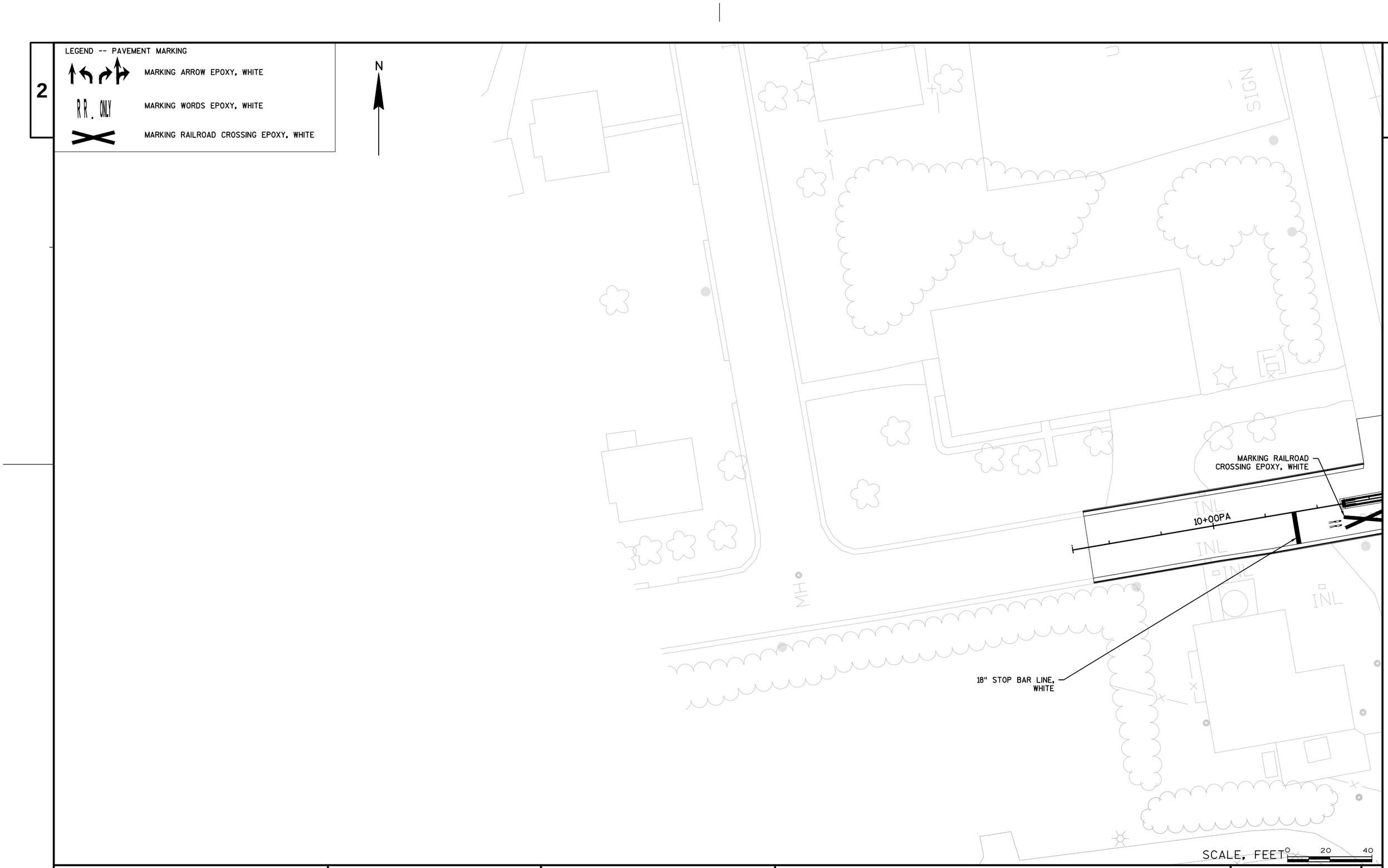
LEGEND -- PAVEMENT MARKING

MARKING ARROW EPOXY, WHITE

R R . ONLY — MARKING WORDS EPOXY, WHITE

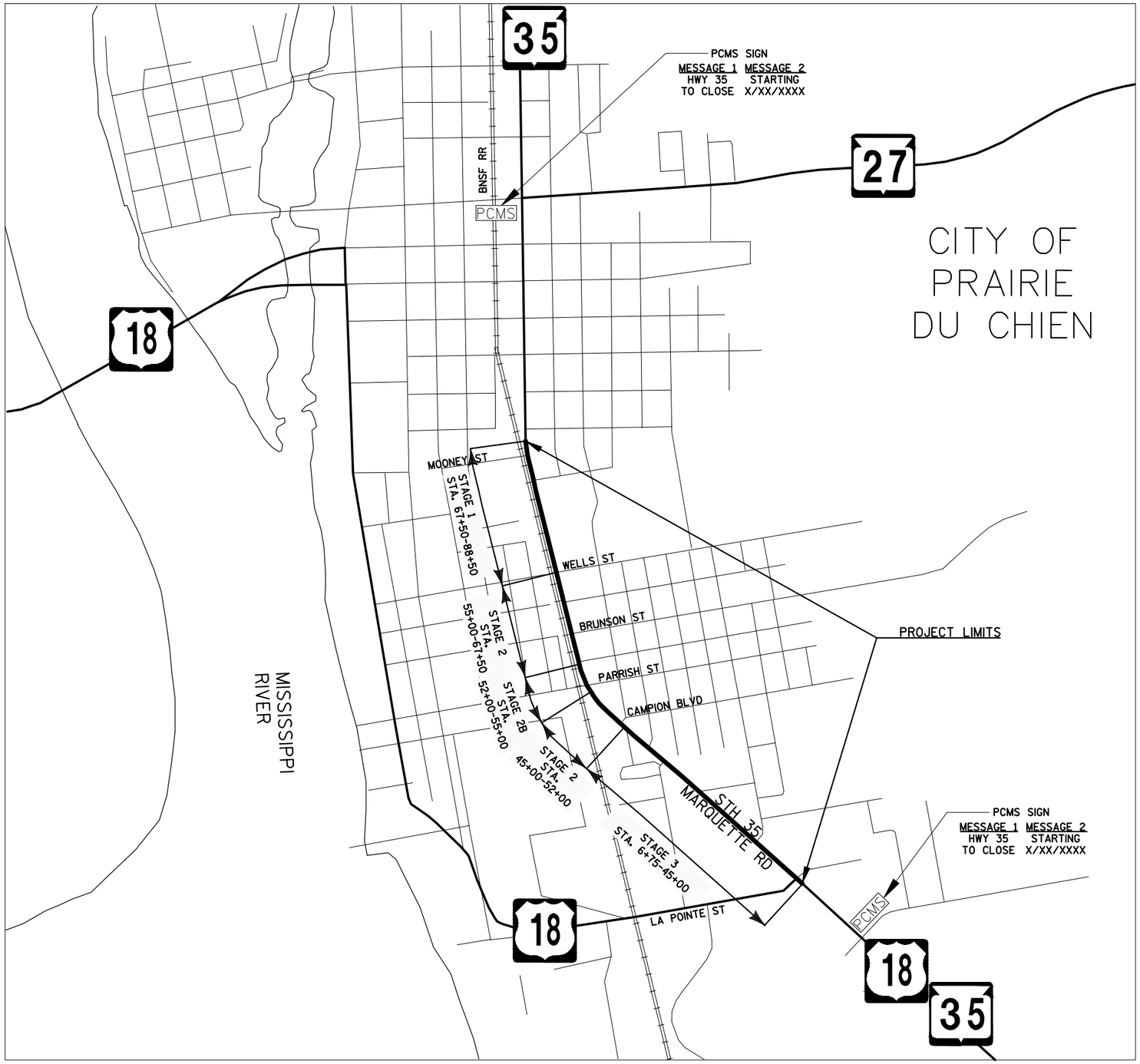
MARKING RAILROAD CROSSING EPOXY, WHITE

N



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PAVEMENT MARKING - PARRISH ST	SHEET 162	E

2



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PROJECT OVERVIEW - TRAFFIC CONTROL	SHEET 163	E

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

ROAD CLOSED AHEAD W20-3-A
SIGN LOCATED AT STA. 53+14 RT

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED 1000 FT W20-3-C

END ROAD WORK G20-2A 48"X24"

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD W20-3 (MOD) 36"X36"

SIDEWALK CLOSED AHEAD CROSS HERE R9-11 24"X12"

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"

ROAD CLOSED AHEAD W20-3-A

SIDEWALK CLOSED AHEAD W20-3 (MOD) 36"X36"

NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

SCALE, FEET 0 50 100

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 1	SHEET 164 E

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

ROAD CLOSED 500 FT W20-3-D
ROAD CLOSED 1000 FT W20-3-C
ROAD CLOSED AHEAD W20-3-A
500' 500' 500'
STA 86+00 LT STA 91+00 LT STA 96+00 LT STA 101+00 LT

ROAD CLOSED AHEAD W20-3-A
ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"
ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED R9-9 24"X12"
END ROAD WORK G20-2A 48"X24"
SIDEWALK CLOSED AHEAD CROSS HERE R9-11
ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"
SIDEWALK CLOSED AHEAD W20-3 (MOD) 36"X36"
ROAD CLOSED AHEAD W20-3-A
SIDEWALK CLOSED AHEAD W20-3 (MOD) 36"X36"

72+00 74+00 76+00 78+00 80+00 82+00 84+00 86+00

STH 35/MARQUETTE ROAD
MOONEY ST
CRAWFORD ST
OHIO ST
OHIO ST
TAYLOR ST
ATHLETIC FIELD
ATHLETIC FIELD
BLEACHERS
SCOREBOARD
VACUUM

NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\026001_S1.DWG PLOT DATE : 11/8/2017 4:17 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:100_XREF
WISDOT/CADDS SHEET 42

2

2

N

REMOVE PAVEMENT MARKINGS

84+00

86+00

88+00

REMOVE PAVEMENT MARKINGS

SIGN

SIGN

SIGN

SIGN

SIGN

INL

INL

INL

MH

MH

VACUUM

VACUUM

SCALE, FEET 0 20 40

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 1	SHEET 166	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\026001_S1B.DWG
LAYOUT NAME - SHEET - (6)

PLOT DATE : 7/25/2017 7:50 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

28+00 30+00 32+00 34+00 36+00 38+00 40+00 42+00

STH 35/MARQUETTE ROAD

PRAIRIE ST

LOCKWOOD ST

11TH ST

12TH ST

13TH ST

15TH ST

ROAD CLOSED AHEAD W20-3-A

ROAD CLOSED 1000 FT (7) W20-3-C

ROAD CLOSED 500 FT (7) W20-3-D

MINI GOLF COURSE

POOL

NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

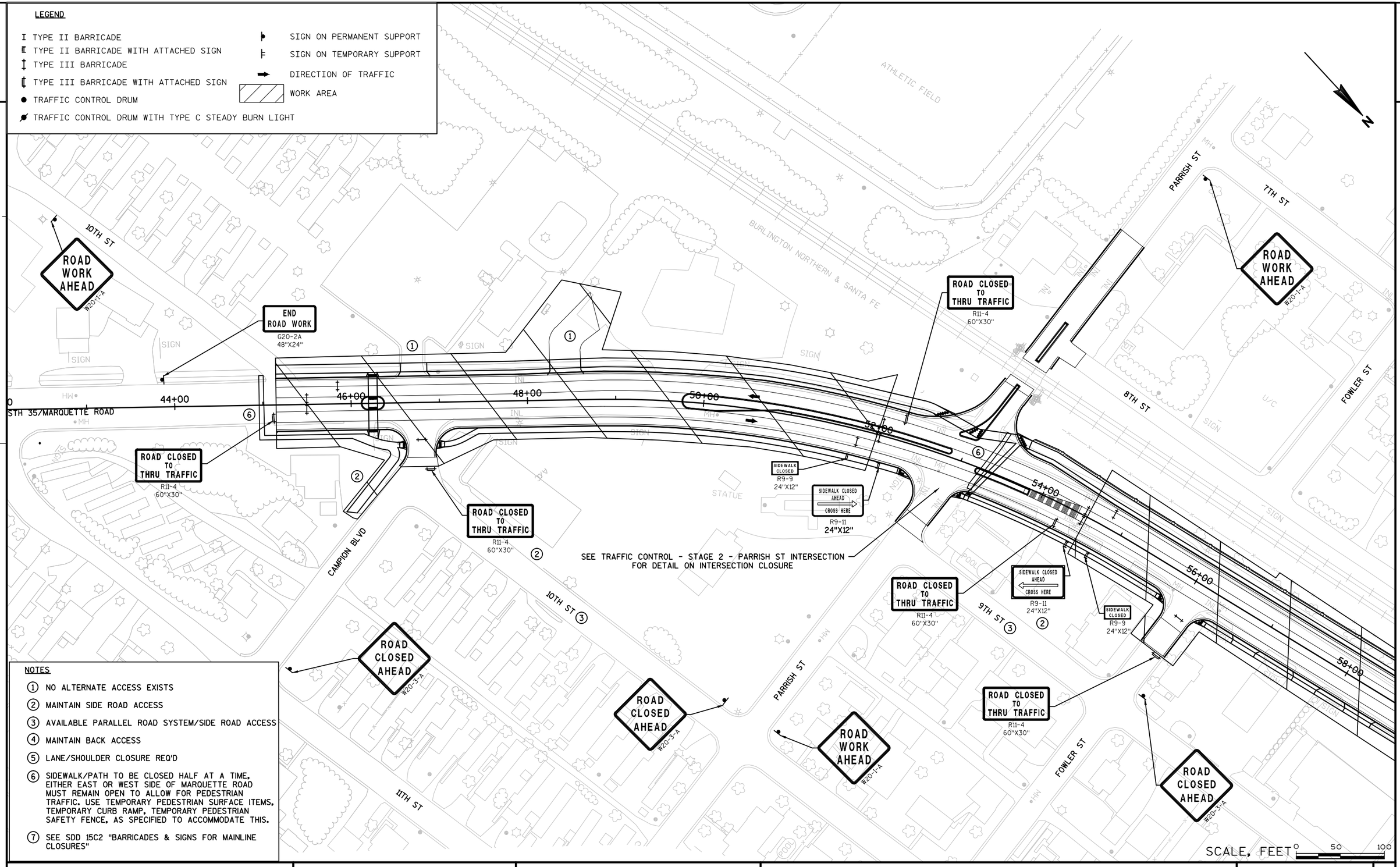
SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 2	SHEET 167	E

2

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 2	SHEET 168	E

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

N

STH 35/MARQUETTE ROAD

56+00 58+00 60+00 62+00 64+00 66+00 68+00 70+00

8TH ST

9TH ST

BRUNSON ST

BROADWAY ST

WELLS ST

FOWLER ST

7TH ST

BURLINGTON NORTHERN & SANTA FE

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED AHEAD
W20-3-A

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
CROSS HERE
R9-11
24"X12"

END ROAD WORK
G20-2A
48"X24"

SIDEWALK CLOSED AHEAD
W20-3 (MOD)
36"X36"

ROAD WORK AHEAD
W20-1-A

NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

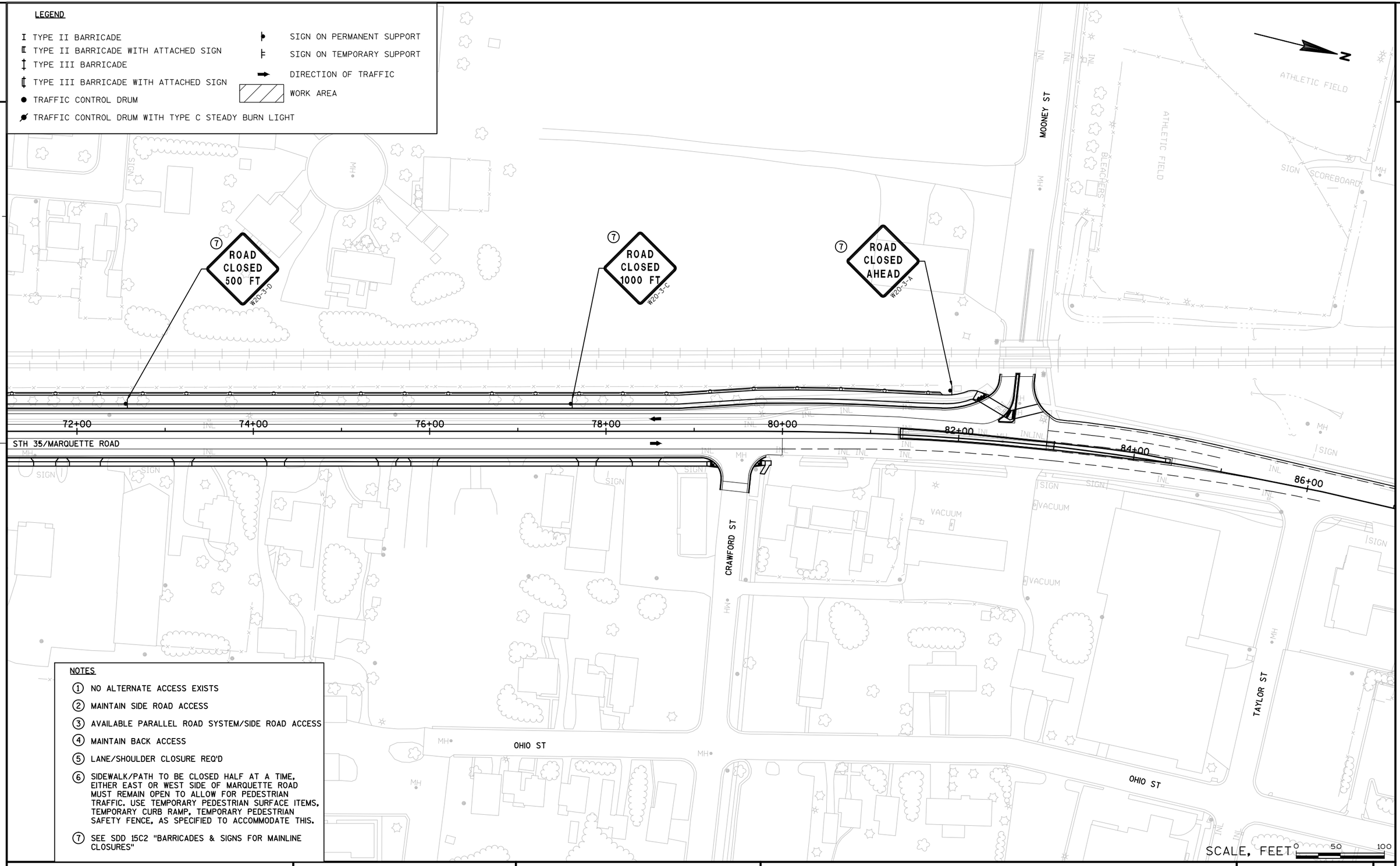
SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 2	SHEET 169	E

2

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



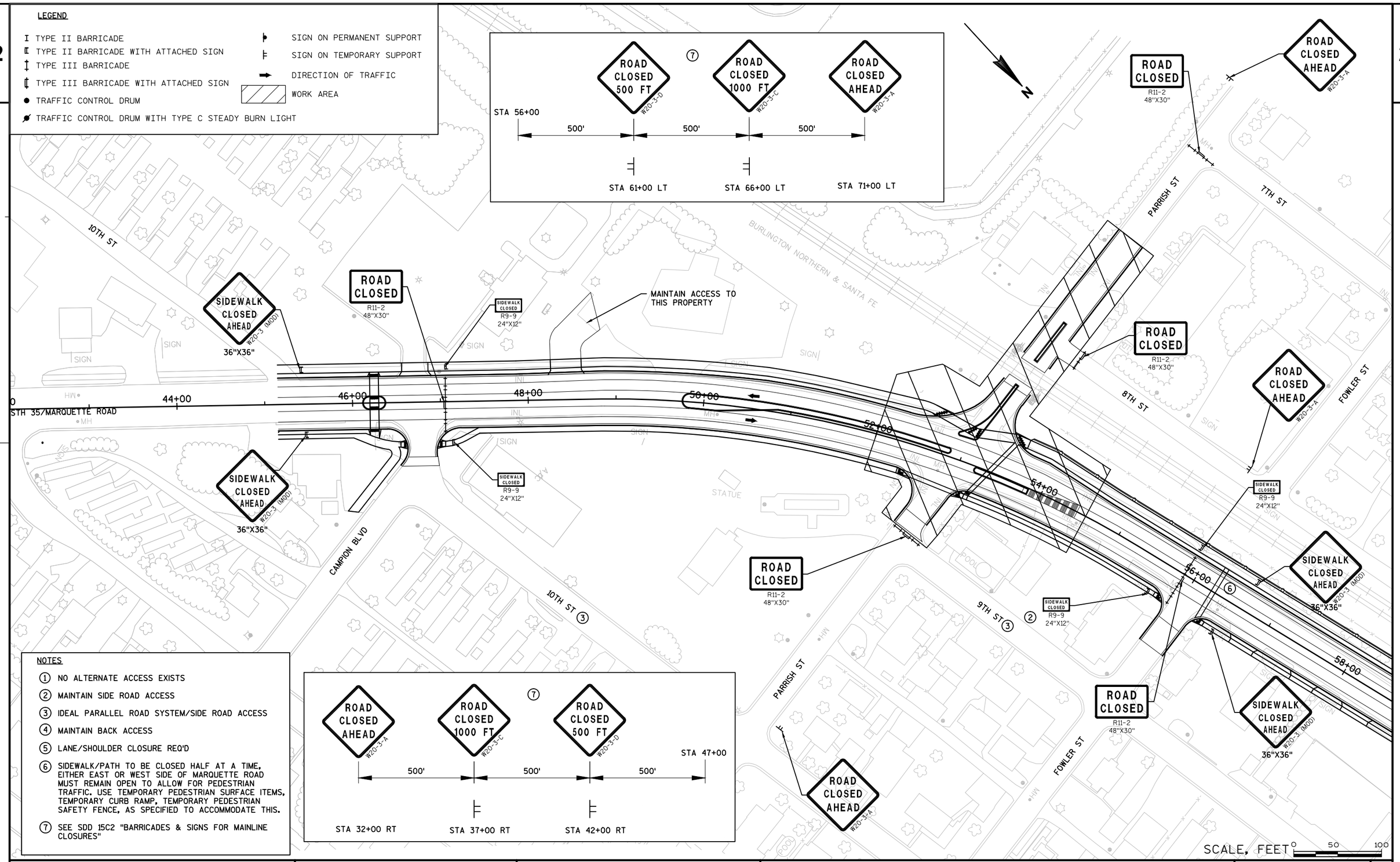
NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 2	SHEET 170	E

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. IDEAL PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

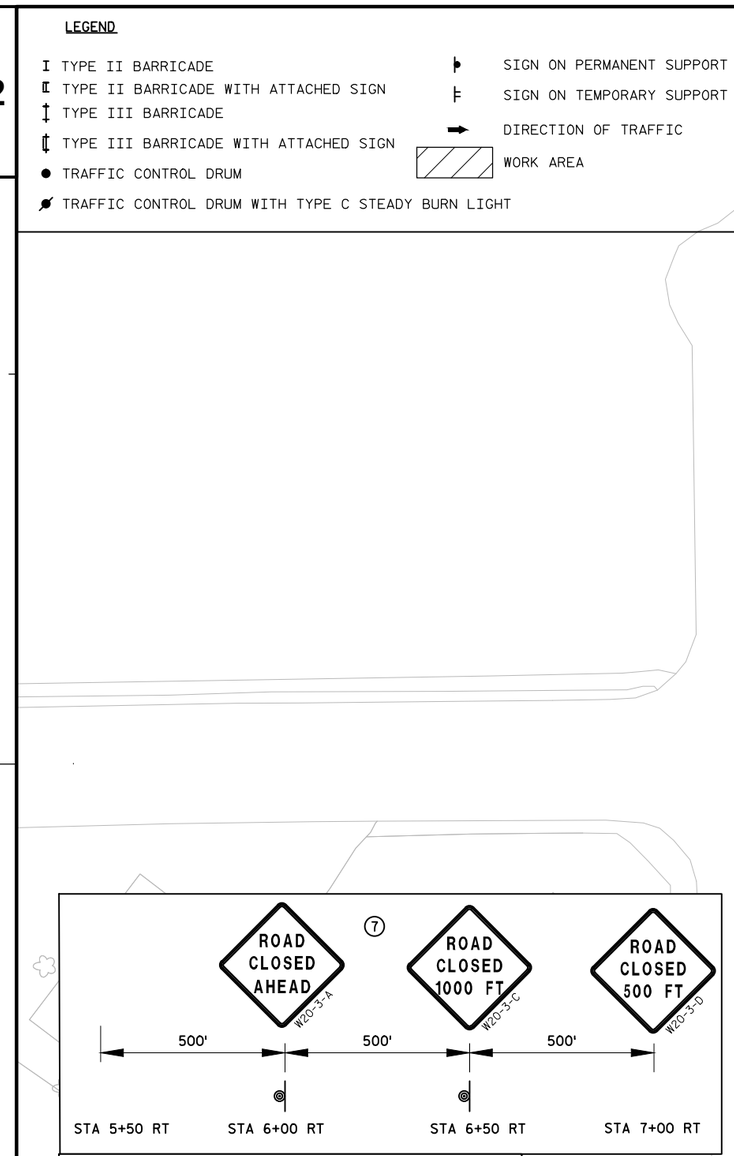
SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 2B - PARRISH ST INTERSECTION	SHEET 171	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\026001_S2B.DWG PLOT DATE : 7/26/2017 9:58 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:100_XREF

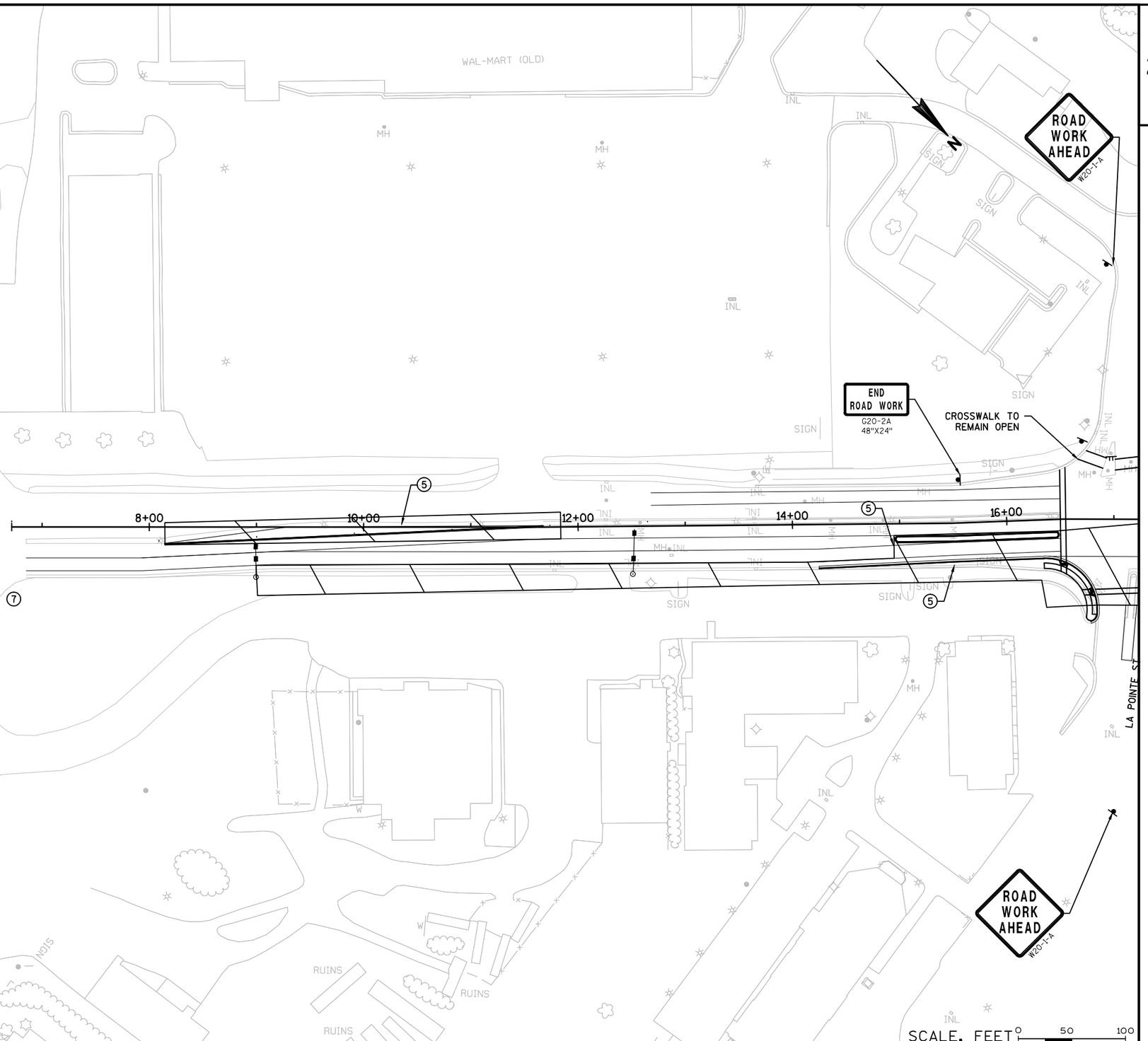
LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 3	SHEET 172	E

2

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

ROAD WORK AHEAD
W20-1-A

USH 18/LA POINTE ST

STOP
R1-1
30"X30"

END ROAD WORK
G20-2A
48"X24"

RIGHT TURN NO STOP
R1-51
30"X18"

TRAFFIC FROM RIGHT DOES NOT STOP
W4-4AR
30"X12"

CROSSWALK TO REMAIN OPEN

STOP
R1-1
30"X30"

ONCOMING TRAFFIC DOES NOT STOP
W4-4B
30"X12"

12+00 14+00 16+00 18+00 20+00 22+00 24+00 26+00

STH 35/MARQUETTE ROAD

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

STOP
R1-1
30"X30"

TRAFFIC FROM LEFT DOES NOT STOP
W4-4AL
30"X12"

LA POINTE ST

EAST LEG OF LA POINTE ST TO BE CONSTRUCTED HALF AT A TIME TO ALLOW FOR TRAFFIC

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

15TH ST

ROAD CLOSED AHEAD
W20-3-A

LESSARD ST

ROAD WORK AHEAD
W20-1-A

NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

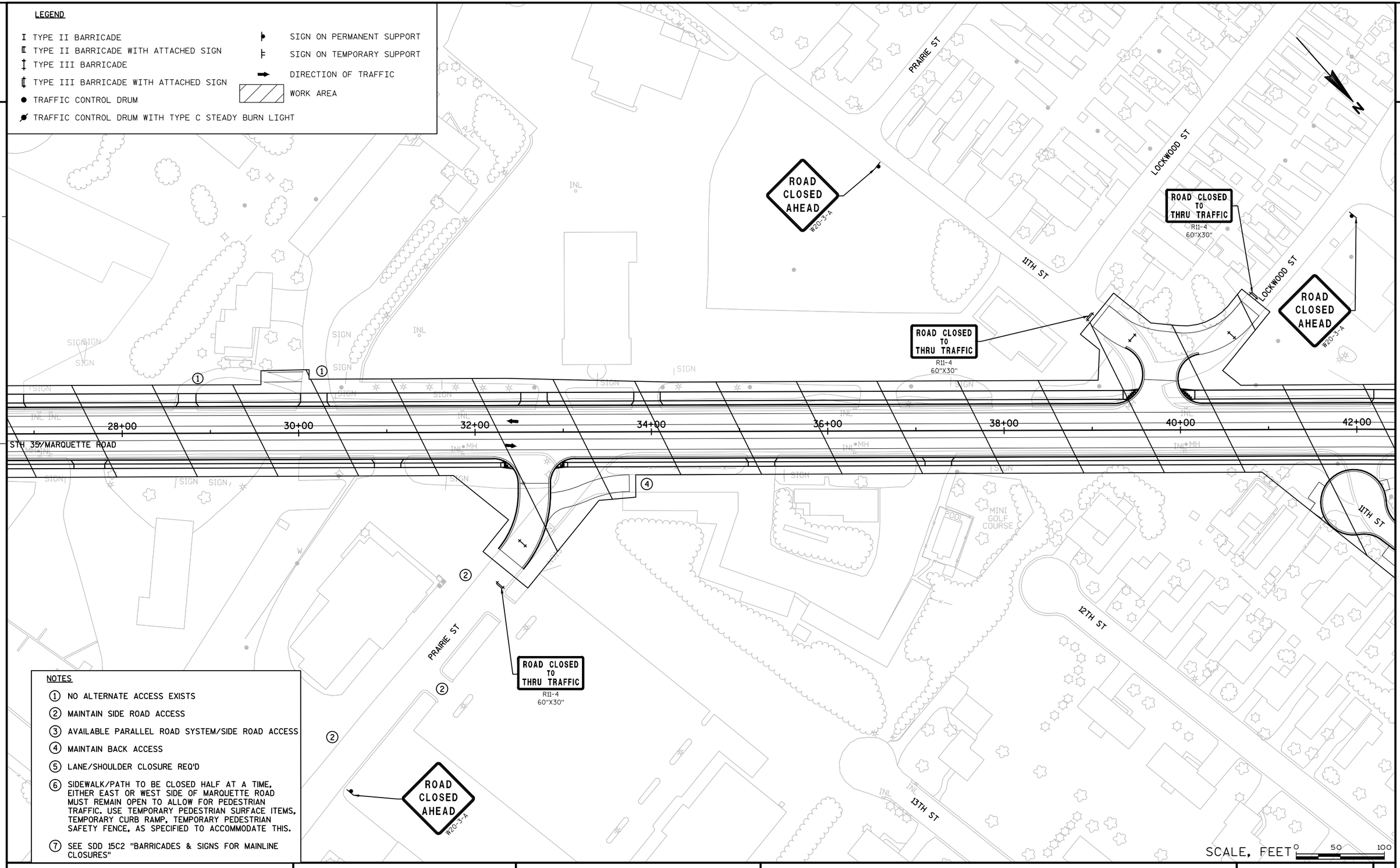
SCALE, FEET 0 50 100

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 3	SHEET 173	E

2

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



NOTES

1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 3	SHEET 174	E

LEGEND

- TYPE II BARRICADE
- TYPE II BARRICADE WITH ATTACHED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED AHEAD
W20-3-A

10TH ST

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED AHEAD
W20-3-A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 500 FT
W20-3-D

ROAD CLOSED 1000 FT
W20-3-C

ROAD CLOSED AHEAD
W20-3-A

CAMPION BLVD

11TH ST

9TH ST

8TH ST

7TH ST

PARRISH ST

FOWLER ST

BURLINGTON NORTHERN & SANTA FE

ATHLETIC FIELD

STATUE

STH 35/MARQUETTE ROAD

44+00 46+00 48+00 50+00 52+00 54+00 56+00 58+00

NOTES

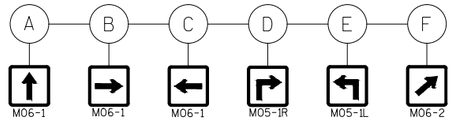
1. NO ALTERNATE ACCESS EXISTS
2. MAINTAIN SIDE ROAD ACCESS
3. AVAILABLE PARALLEL ROAD SYSTEM/SIDE ROAD ACCESS
4. MAINTAIN BACK ACCESS
5. LANE/SHOULDER CLOSURE REQ'D
6. SIDEWALK/PATH TO BE CLOSED HALF AT A TIME, EITHER EAST OR WEST SIDE OF MARQUETTE ROAD MUST REMAIN OPEN TO ALLOW FOR PEDESTRIAN TRAFFIC. USE TEMPORARY PEDESTRIAN SURFACE ITEMS, TEMPORARY CURB RAMP, TEMPORARY PEDESTRIAN SAFETY FENCE, AS SPECIFIED TO ACCOMMODATE THIS.
7. SEE SDD 15C2 "BARRICADES & SIGNS FOR MAINLINE CLOSURES"

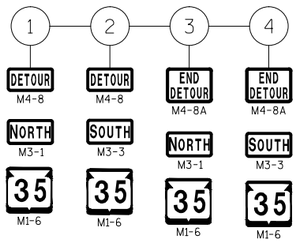
SCALE, FEET 0 50 100

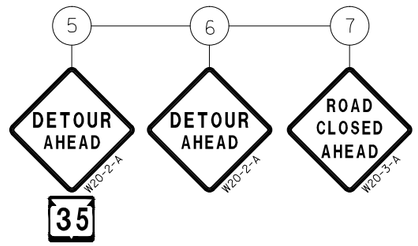
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	TRAFFIC CONTROL - STAGE 3	SHEET 175 E

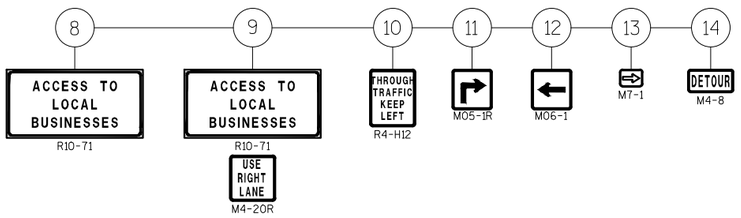
LEGEND

- POST WITH ATTACHED SIGN
- COVER EXISTING SIGN
- DETOUR ROUTE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUMS

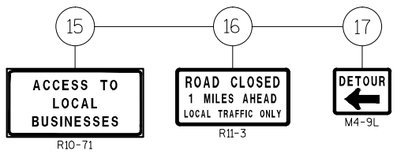


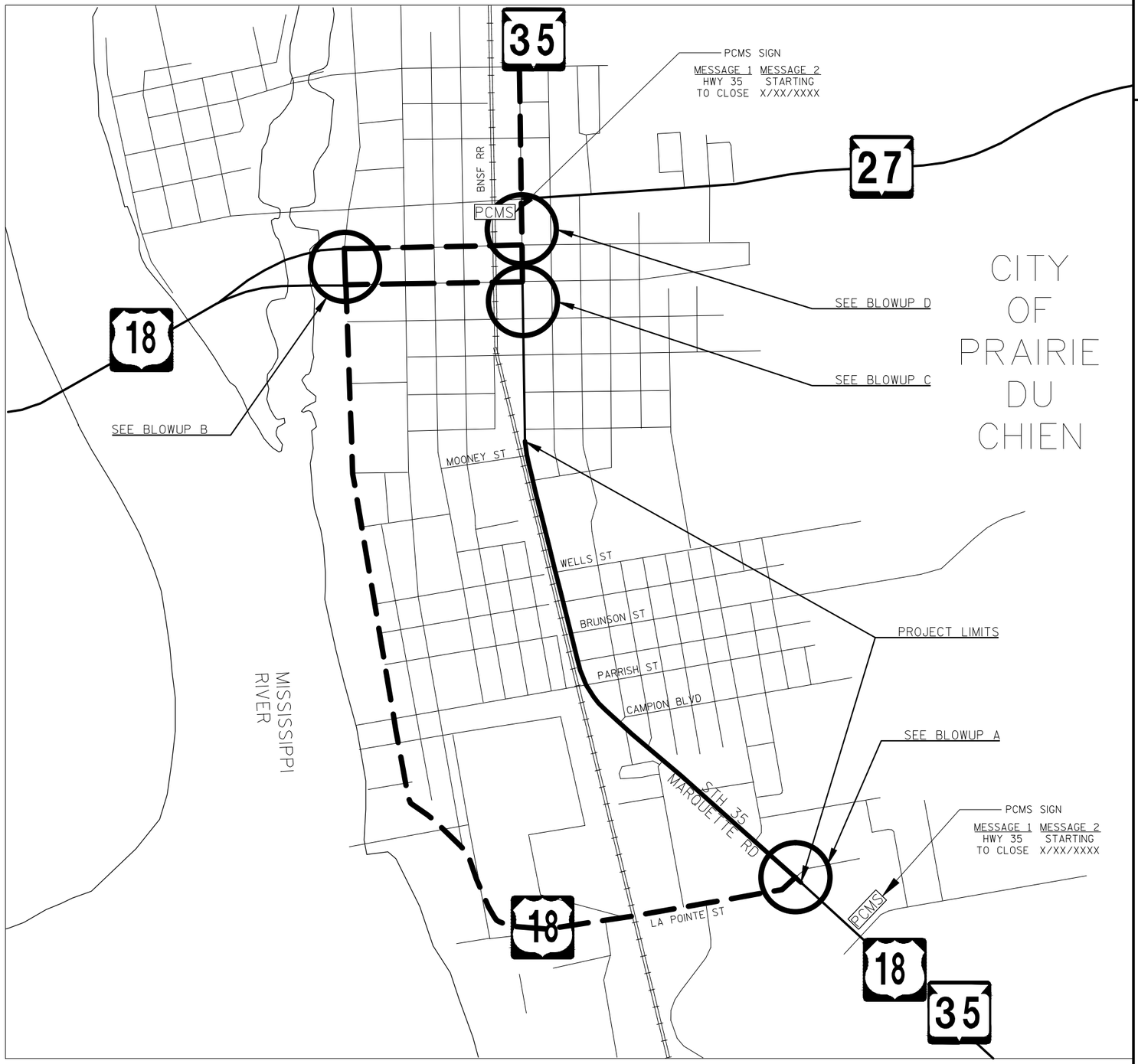






SIGNS ON TYPE III BARRICADE





2

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	DETOUR PLAN - OVERVIEW	SHEET 176	E

2

LEGEND

- POST WITH ATTACHED SIGN
- COVER EXISTING SIGN
- DETOUR ROUTE
- TRAFFIC BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUMS

NOTES:

SIGN LOCATIONS ARE SUBJECT TO CHANGE AND TO BE ADJUSTED AS NEEDED TO PROVIDE SUFFICIENT WARNING FOR LANE DESIGNATIONS.

TIMING OF SIGNAL LIGHTS AT MARQUETTE/LAPOINTE INTERSECTION ARE TO BE ADJUSTED AS NEEDED FOR EACH CONSTRUCTION STAGE BY WISDOT REGION PERSONNEL. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION. SEE TEMPORARY SIGNAL PLAN FOR INFORMATION REGARDING TEMPORARY SIGNALS TO BE INSTALLED AT DETOUR DESTINATION INTERSECTIONS.

SEE SPECIAL PROVISIONS FOR DETOUR REQUIREMENTS.

ROAD CLOSED SIGNS AND BARRICADE PLACEMENTS ARE TO BE PLACED AND CHANGED BASED ON CONSTRUCTION STAGING. DETOUR WILL REMAIN SAME, BUT LOCAL BUSINESS ACCESS ROUTES ARE SUBJECT TO CHANGE.

SEE S.D.D. DETOUR SIGNING FOR MAINLINE CLOSURES AND BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES.

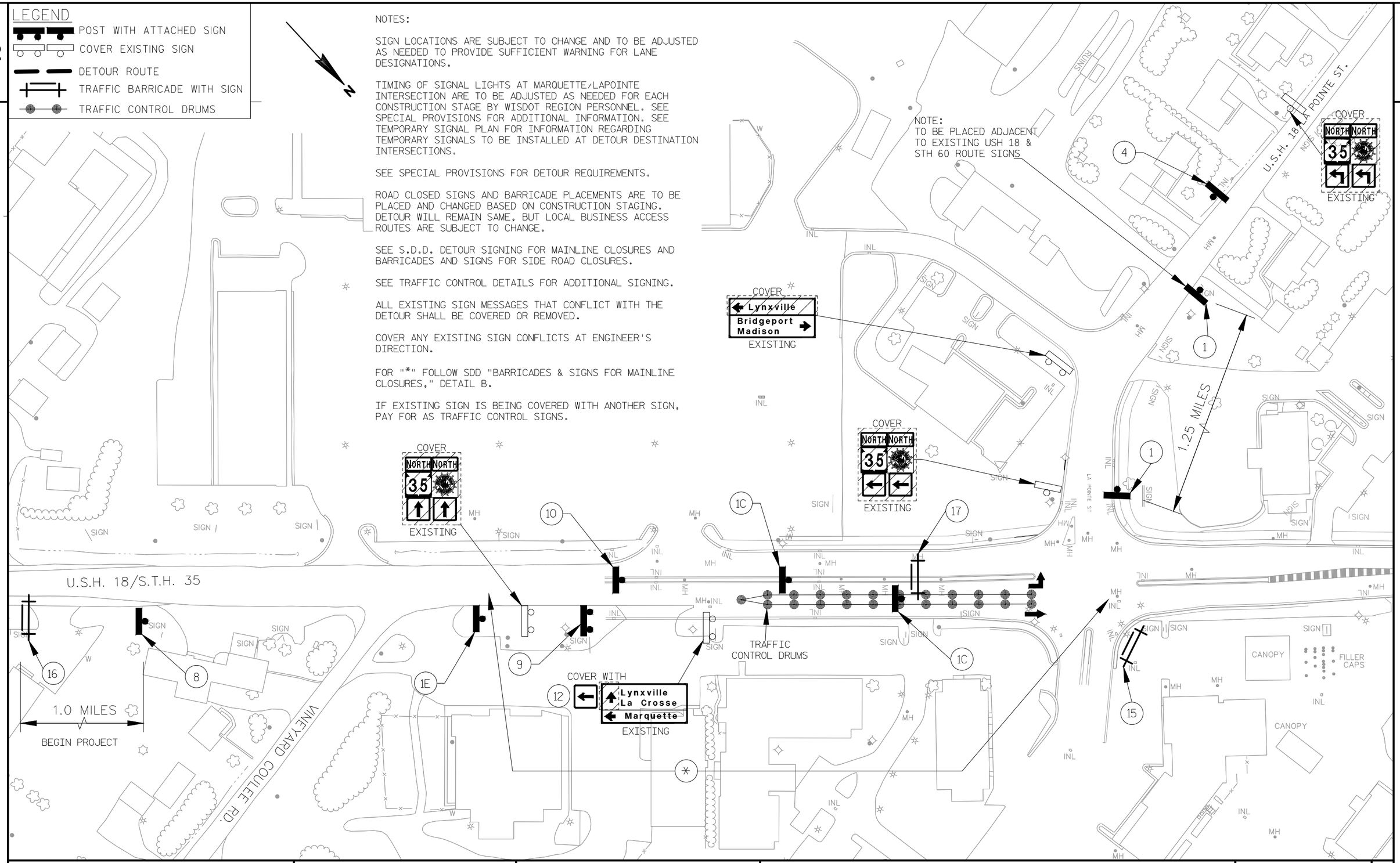
SEE TRAFFIC CONTROL DETAILS FOR ADDITIONAL SIGNING.

ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

COVER ANY EXISTING SIGN CONFLICTS AT ENGINEER'S DIRECTION.

FOR "*" FOLLOW SDD "BARRICADES & SIGNS FOR MAINLINE CLOSURES," DETAIL B.

IF EXISTING SIGN IS BEING COVERED WITH ANOTHER SIGN, PAY FOR AS TRAFFIC CONTROL SIGNS.



PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	DETOUR PLAN - BLOWUP A	SHEET 177	E

2

2

W. WISCONSIN ST.

U.S.H. 18

S.T.H. 60

W. IOWA ST.

U.S.H. 18

S. PRAIRIE ST.

2A 2C 2E 2 8A 8A 5 2D 1A 2B 1A 2 2 1B 1 1D

500 FT.

1.05 MILES

NOTES

NOTE:
TO BE PLACED ADJACENT TO EXISTING USH 18 & STH 60 ROUTE SIGNS.

NOTES:

SEE SPECIAL PROVISIONS FOR DETOUR REQUIREMENTS.

ROAD CLOSED SIGNS AND BARRICADE PLACEMENTS ARE TO BE PLACED AND CHANGED BASED ON CONSTRUCTION STAGING. DETOUR WILL REMAIN SAME, BUT LOCAL BUSINESS ACCESS ROUTES ARE SUBJECT TO CHANGE.

SEE TEMPORARY SIGNAL PLAN FOR INFORMATION REGARDING TEMPORARY SIGNALS TO BE INSTALLED AT DETOUR DESTINATION INTERSECTIONS.

SEE S.D.D. DETOUR SIGNING FOR MAINLINE CLOSURES AND BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES.

SEE TRAFFIC CONTROL DETAILS FOR ADDITIONAL SIGNING.

ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

COVER ANY EXISTING SIGN CONFLICTS AT ENGINEER'S DIRECTION.

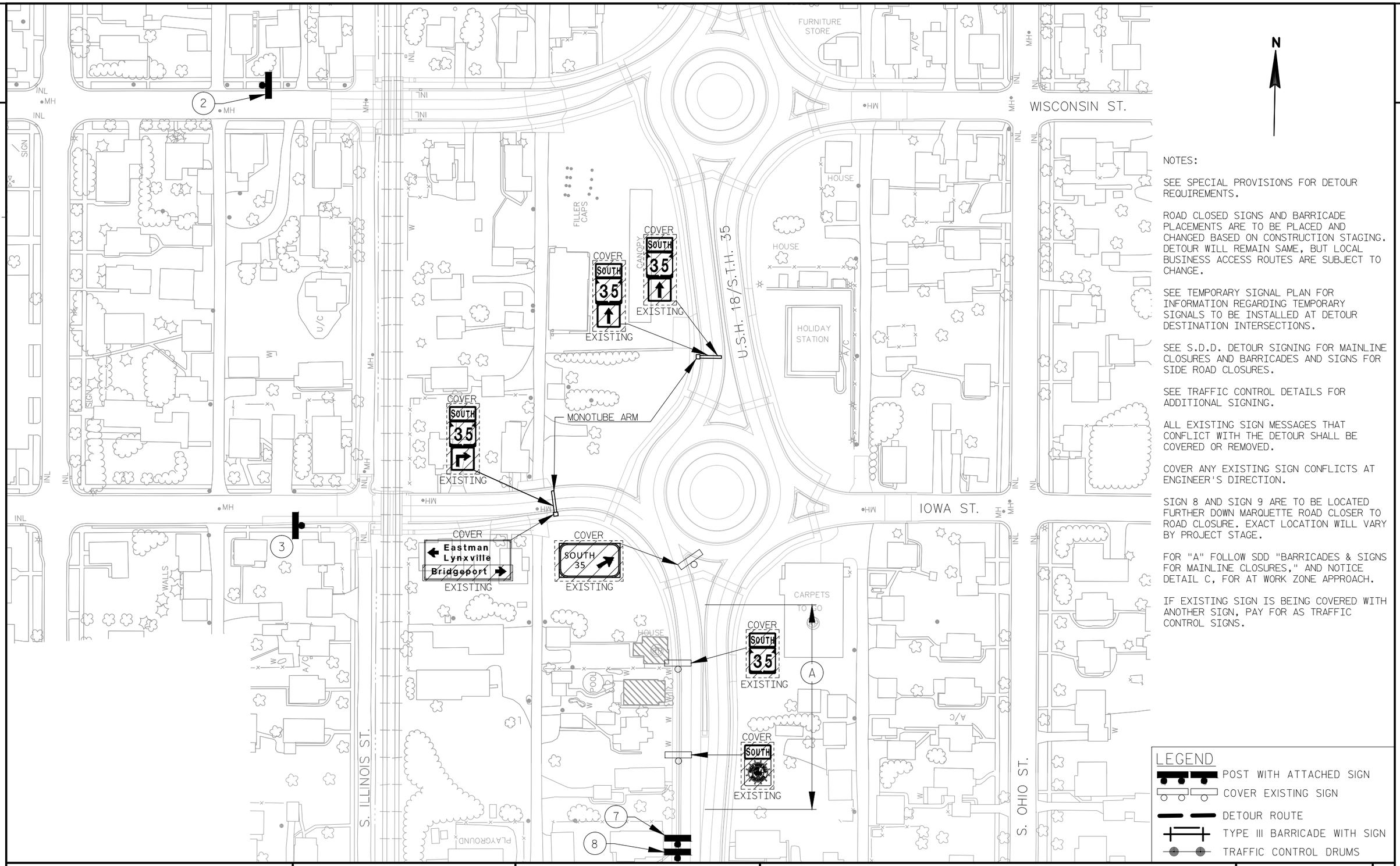
IF EXISTING SIGN IS BEING COVERED WITH ANOTHER SIGN, PAY FOR AS TRAFFIC CONTROL SIGNS.

N

LEGEND

- POST WITH ATTACHED SIGN
- COVER EXISTING SIGN
- DETOUR ROUTE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUMS

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	DETOUR PLAN - BLOWUP B	SHEET 178 E



N

NOTES:

SEE SPECIAL PROVISIONS FOR DETOUR REQUIREMENTS.

ROAD CLOSED SIGNS AND BARRICADE PLACEMENTS ARE TO BE PLACED AND CHANGED BASED ON CONSTRUCTION STAGING. DETOUR WILL REMAIN SAME, BUT LOCAL BUSINESS ACCESS ROUTES ARE SUBJECT TO CHANGE.

SEE TEMPORARY SIGNAL PLAN FOR INFORMATION REGARDING TEMPORARY SIGNALS TO BE INSTALLED AT DETOUR DESTINATION INTERSECTIONS.

SEE S.D.D. DETOUR SIGNING FOR MAINLINE CLOSURES AND BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES.

SEE TRAFFIC CONTROL DETAILS FOR ADDITIONAL SIGNING.

ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

COVER ANY EXISTING SIGN CONFLICTS AT ENGINEER'S DIRECTION.

SIGN 8 AND SIGN 9 ARE TO BE LOCATED FURTHER DOWN MARQUETTE ROAD CLOSER TO ROAD CLOSURE. EXACT LOCATION WILL VARY BY PROJECT STAGE.

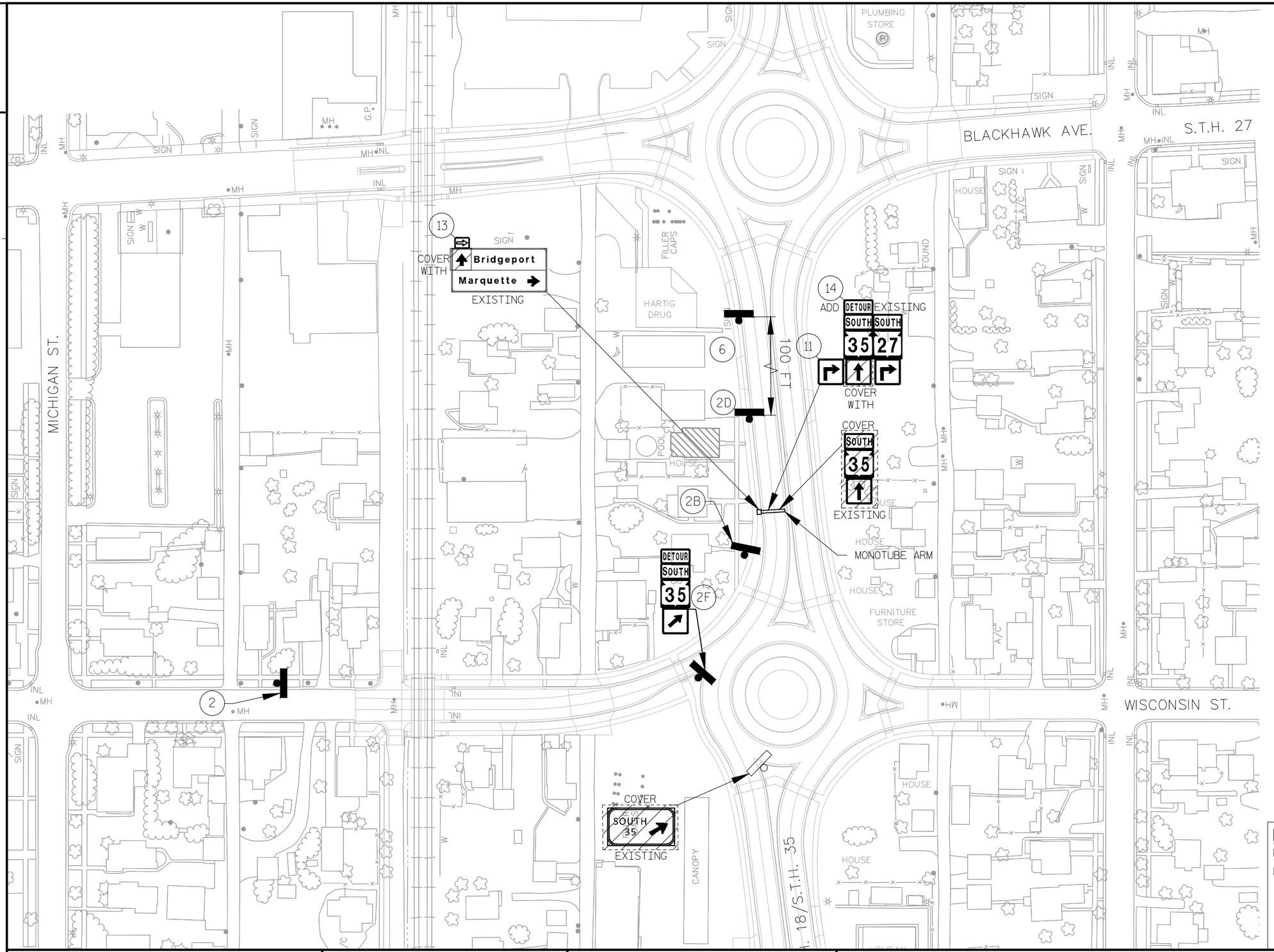
FOR "A" FOLLOW SDD "BARRICADES & SIGNS FOR MAINLINE CLOSURES," AND NOTICE DETAIL C, FOR AT WORK ZONE APPROACH.

IF EXISTING SIGN IS BEING COVERED WITH ANOTHER SIGN, PAY FOR AS TRAFFIC CONTROL SIGNS.

LEGEND

- POST WITH ATTACHED SIGN
- COVER EXISTING SIGN
- DETOUR ROUTE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUMS

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	DETOUR PLAN - BLOWUP C	SHEET 179	E



NOTES:

SEE SPECIAL PROVISIONS FOR DETOUR REQUIREMENTS.

ROAD CLOSED SIGNS AND BARRICADE PLACEMENTS ARE TO BE PLACED AND CHANGED BASED ON CONSTRUCTION STAGING. DETOUR WILL REMAIN SAME, BUT LOCAL BUSINESS ACCESS ROUTES ARE SUBJECT TO CHANGE.

SEE TEMPORARY SIGNAL PLAN FOR INFORMATION REGARDING TEMPORARY SIGNALS TO BE INSTALLED AT DETOUR DESTINATION INTERSECTIONS.

SEE S.D.D. DETOUR SIGNING FOR MAINLINE CLOSURES AND BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES.

SEE TRAFFIC CONTROL DETAILS FOR ADDITIONAL SIGNING.

ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

COVER ANY EXISTING SIGN CONFLICTS AT ENGINEER'S DIRECTION.

IF EXISTING SIGN IS BEING COVERED WITH ANOTHER SIGN, PAY FOR AS TRAFFIC CONTROL SIGNS.

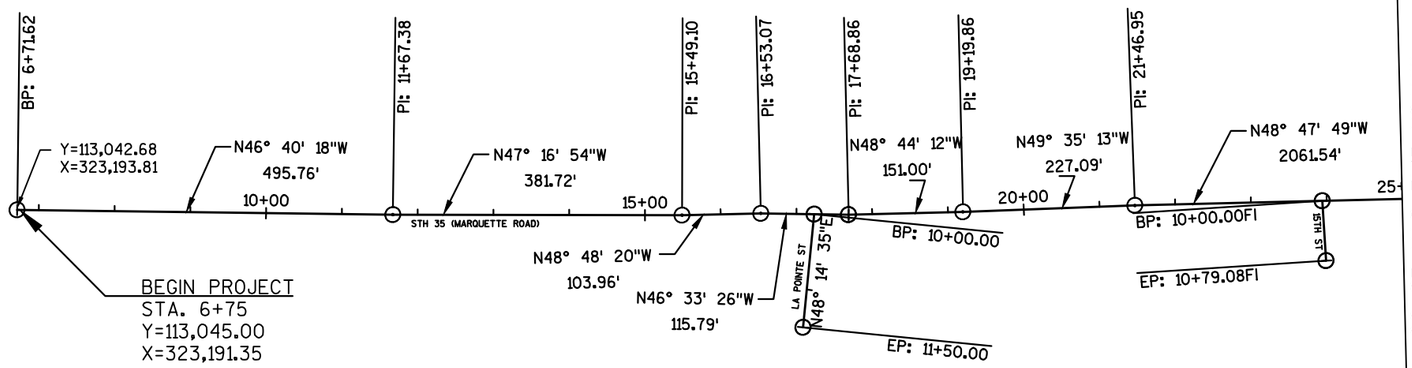
LEGEND

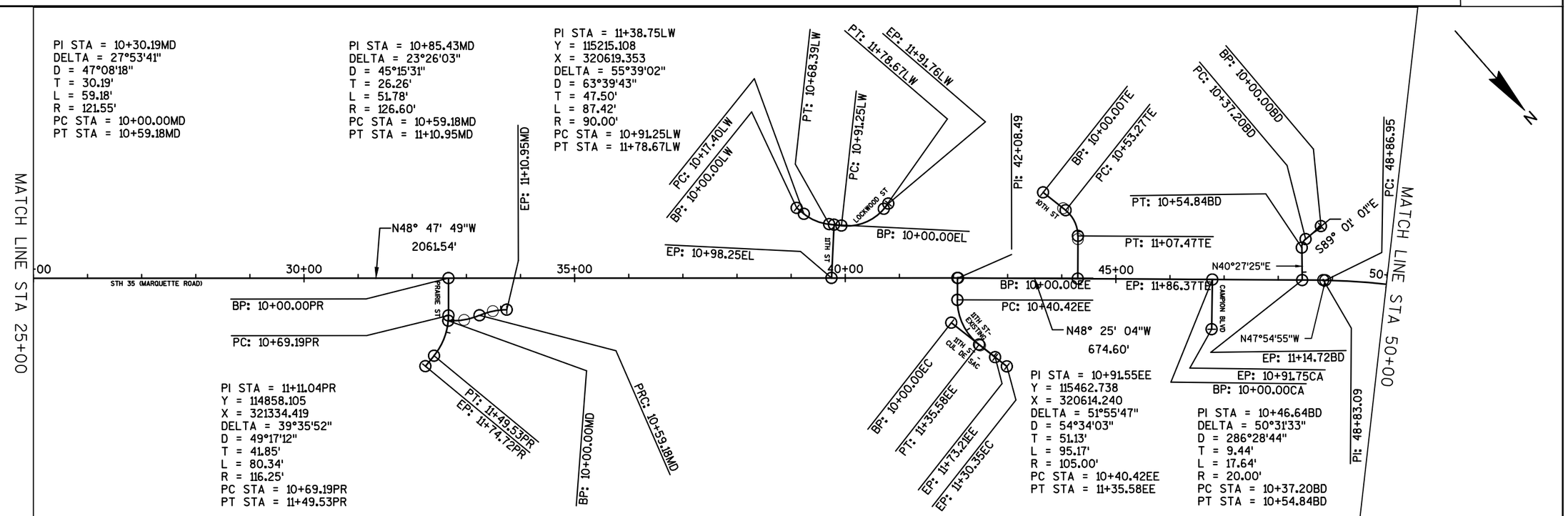
- POST WITH ATTACHED SIGN
- COVER EXISTING SIGN
- DETOUR ROUTE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUMS

PROJECT NO:1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	DETOUR PLAN - BLOWUP D	SHEET 180	E

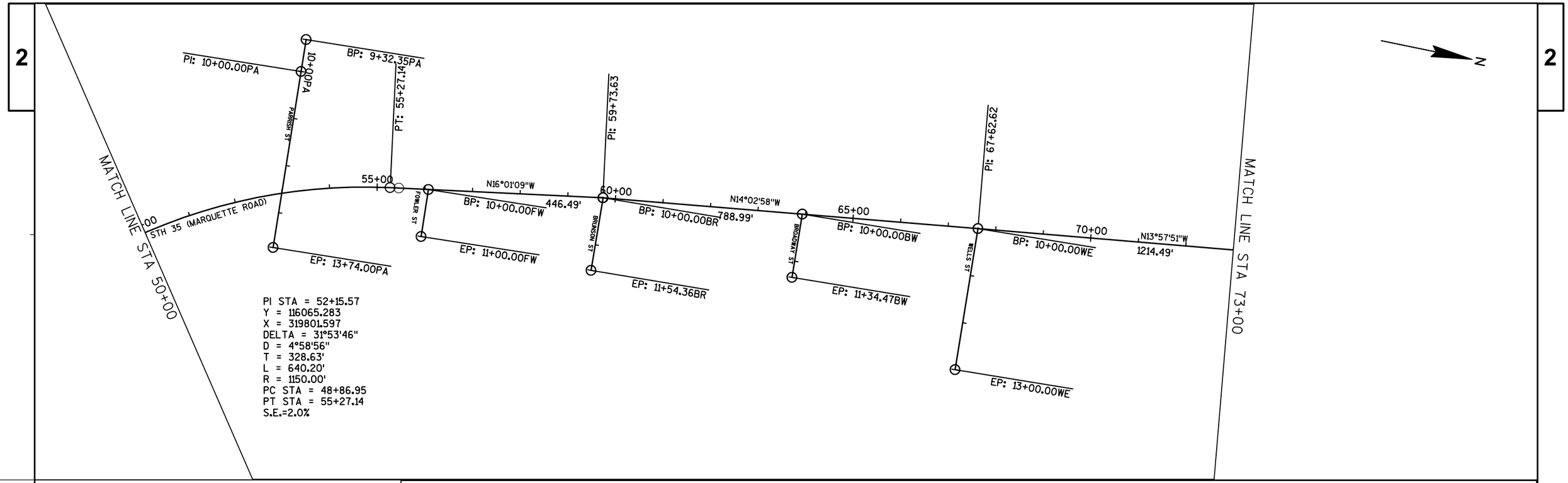
SIDE ROAD ALIGNMENTS

STREET NAME	ALIGNMENT	STATION LOCATION	BEARING
LA POINTE ST	LP	10+00.00LP - 11+50.00LP	N48°14'35"E
15TH ST	FI	10+00.00FI - 10+79.08FI	N38°51'44"E
PRAIRIE ST	PR	10+00.00PR - 10+69.19PR	N41°10'27"E
PRAIRIE ST	PR	11+49.53PR - 11+74.72PR	N80°46'20"E
11TH ST	EL	10+00.00EL - 10+98.25EL	S44°02'26"W
LOCKWOOD ST	LW	10+00.00LW - 10+17.40LW	N10°01'05"W
LOCKWOOD ST	LW	11+78.76LW - 11+91.76LW	S81°52'21"W
11TH ST - EXISTING	EE	10+00.00EE - 10+40.42EE	N41°21'11"E
11TH ST - EXISTING	EE	11+35.58EE - 11+73.21EE	N10°34'36"W
11TH ST - CUL DE SAC	EC	10+00.00EC - 11+30.35EC	N10°34'36"W
10TH ST	TE	10+00.00TE - 10+47.37TE	N10°22'12"W
10TH ST	TE	11+12.65TE - 11+85.55TE	N41°29'45"E
CAMPION BLVD	CA	10+00.00CA - 10+91.75CA	N41°58'51"E
PARRISH ST	PA	10+00.00PA - 13+74.00PA	N80°16'52"E
FOWLER ST	FW	10+00.00FW - 11+00.00FW	N80°03'43"E
BRUNSON ST	BR	10+00.00BR - 11+54.36BR	N80°43'45"E
BROADWAY ST	BW	10+00.00BW - 11+34.47BW	N80°31'08"E
WELLS ST	WE	10+00.00WE - 13+00.00WE	N80°29'24"E
CRAWFORD ST	CR	10+00.00CR - 11+34.58CR	N82°11'50"E
MOONEY ST	MN	10+00.00MN - 13+40.44MN	N82°22'57"E

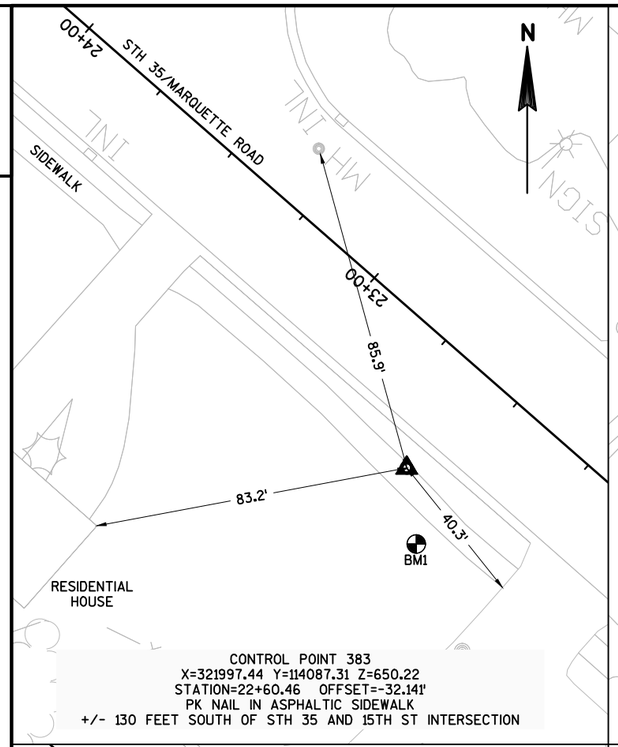




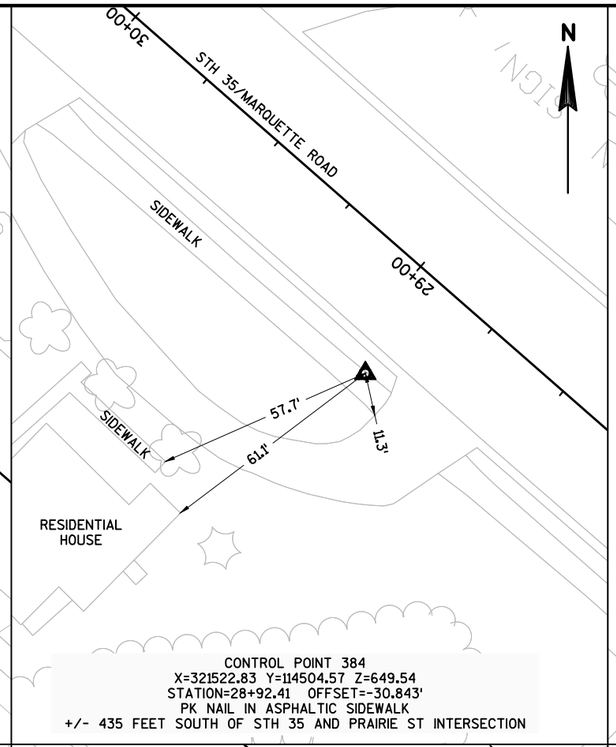
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ALIGNMENT DETAIL	SHEET 181	E



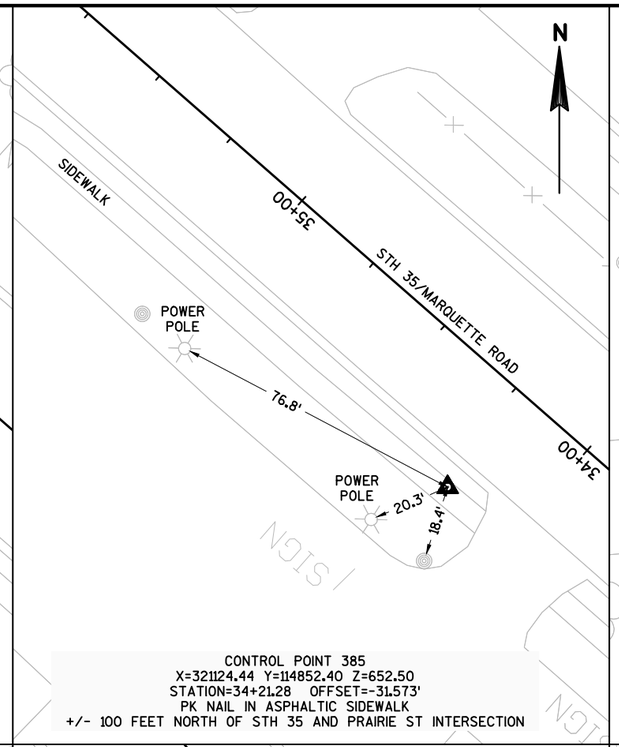
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ALIGNMENT DETAIL	SHEET 182	E



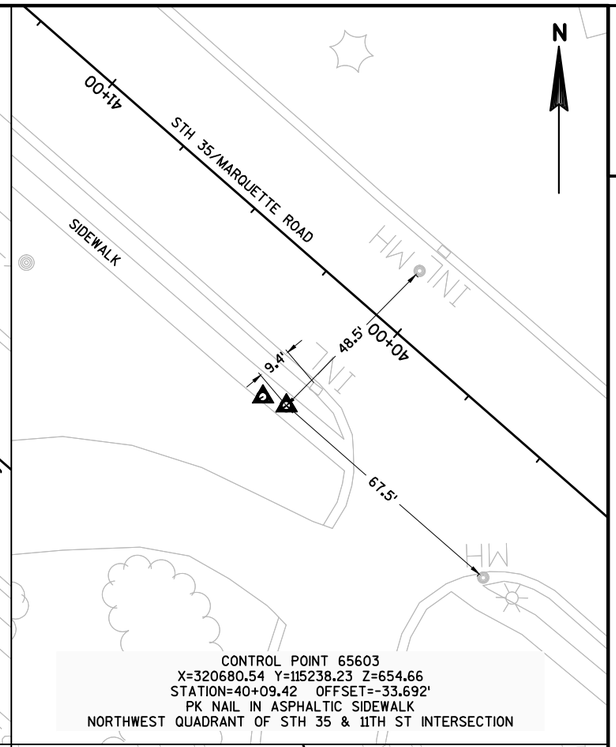
CONTROL POINT 383
X=321997.44 Y=114087.31 Z=650.22
STATION=22+60.46 OFFSET=-32.141'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 130 FEET SOUTH OF STH 35 AND 15TH ST INTERSECTION



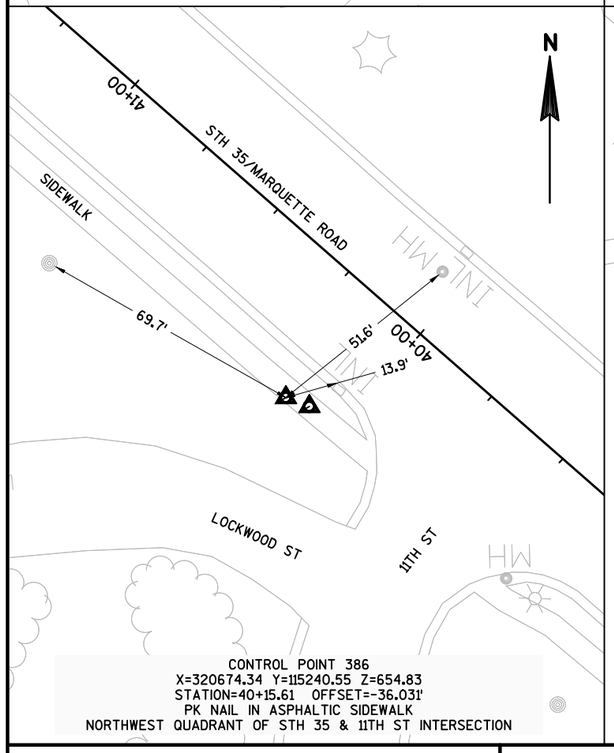
CONTROL POINT 384
X=321522.83 Y=114504.57 Z=649.54
STATION=28+92.41 OFFSET=-30.843'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 435 FEET SOUTH OF STH 35 AND PRAIRIE ST INTERSECTION



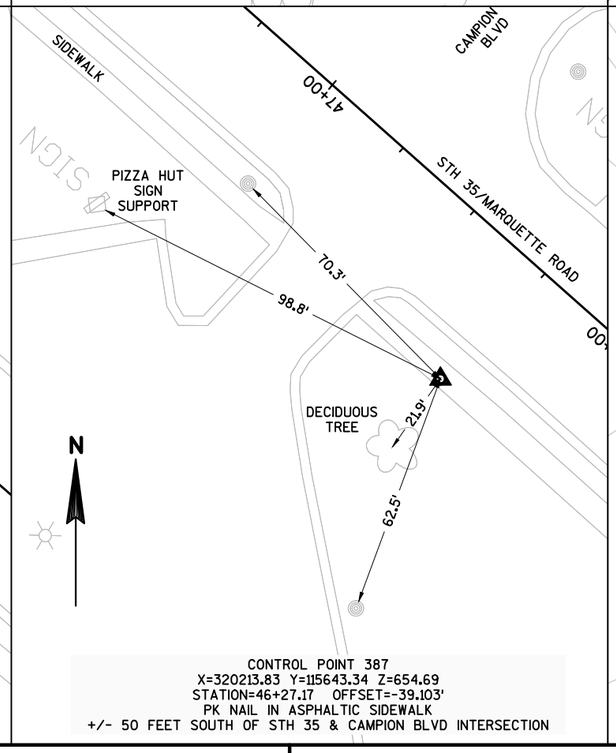
CONTROL POINT 385
X=321124.44 Y=114852.40 Z=652.50
STATION=34+21.28 OFFSET=-31.573'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 100 FEET NORTH OF STH 35 AND PRAIRIE ST INTERSECTION



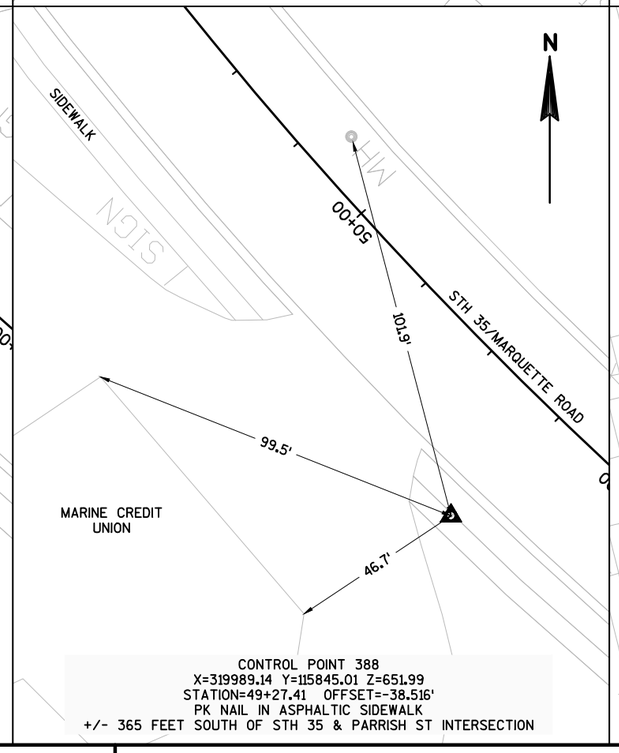
CONTROL POINT 65603
X=320680.54 Y=115238.23 Z=654.66
STATION=40+09.42 OFFSET=-33.692'
PK NAIL IN ASPHALTIC SIDEWALK
NORTHWEST QUADRANT OF STH 35 & 11TH ST INTERSECTION



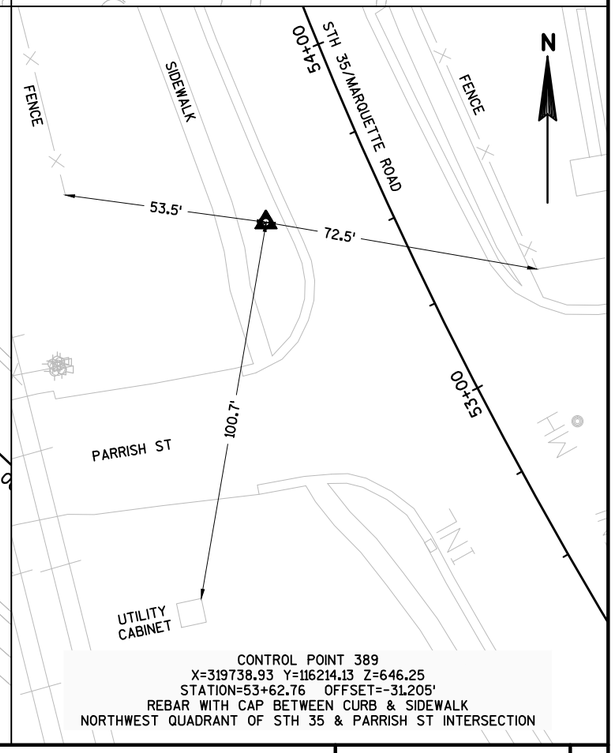
CONTROL POINT 386
X=320674.34 Y=115240.55 Z=654.83
STATION=40+15.61 OFFSET=-36.031'
PK NAIL IN ASPHALTIC SIDEWALK
NORTHWEST QUADRANT OF STH 35 & 11TH ST INTERSECTION



CONTROL POINT 387
X=320213.83 Y=115643.34 Z=654.69
STATION=46+27.17 OFFSET=-39.103'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 50 FEET SOUTH OF STH 35 & CAMPION BLVD INTERSECTION



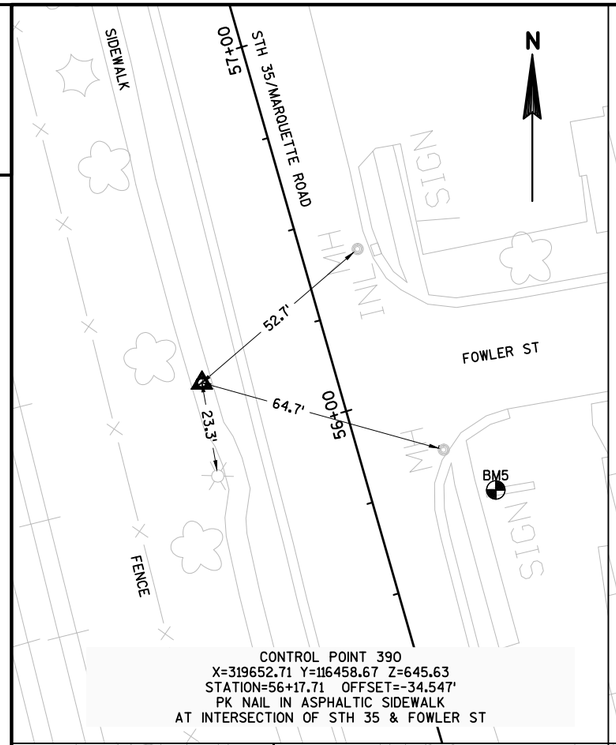
CONTROL POINT 388
X=319989.14 Y=115845.01 Z=651.99
STATION=49+27.41 OFFSET=-38.516'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 365 FEET SOUTH OF STH 35 & PARRISH ST INTERSECTION



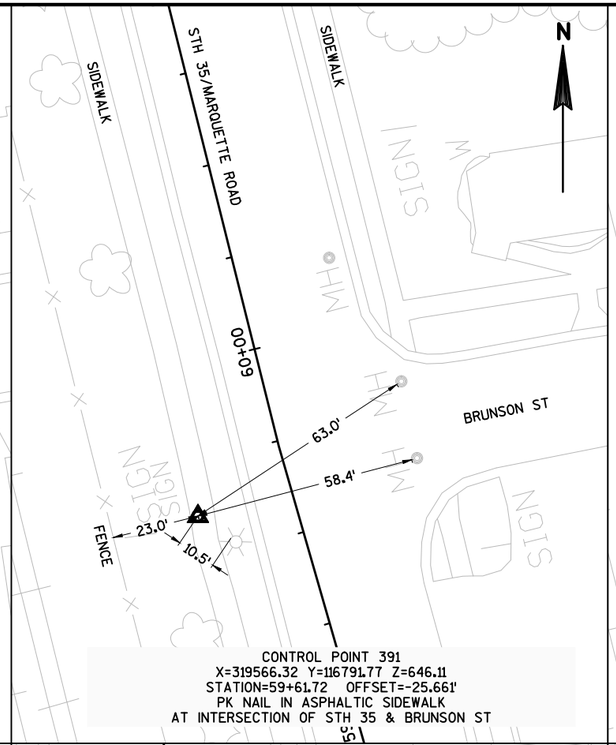
CONTROL POINT 389
X=319738.93 Y=116214.13 Z=646.25
STATION=53+62.76 OFFSET=-31.205'
REBAR WITH CAP BETWEEN CURB & SIDEWALK
NORTHWEST QUADRANT OF STH 35 & PARRISH ST INTERSECTION

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ALIGNMENT PLAN - CONTROL POINTS	SHEET 183	E

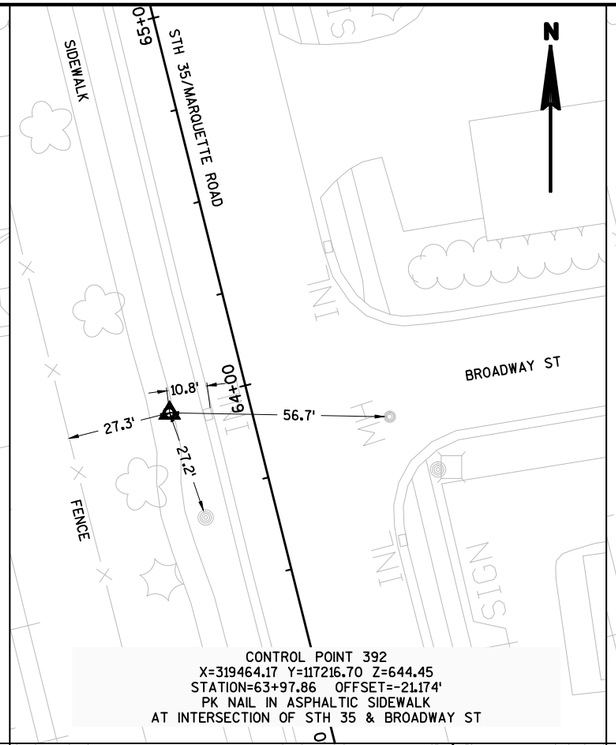
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\027202_AD.DWG
LAYOUT NAME - ****
PLOT DATE : 6/28/2017 2:17 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42



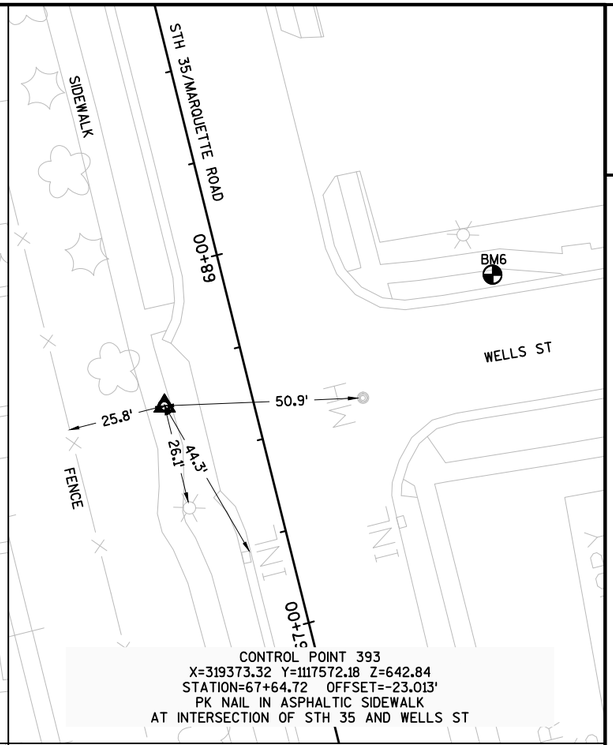
CONTROL POINT 390
X=319652.71 Y=116458.67 Z=645.63
STATION=56+17.71 OFFSET=-34.547'
PK NAIL IN ASPHALTIC SIDEWALK
AT INTERSECTION OF STH 35 & FOWLER ST



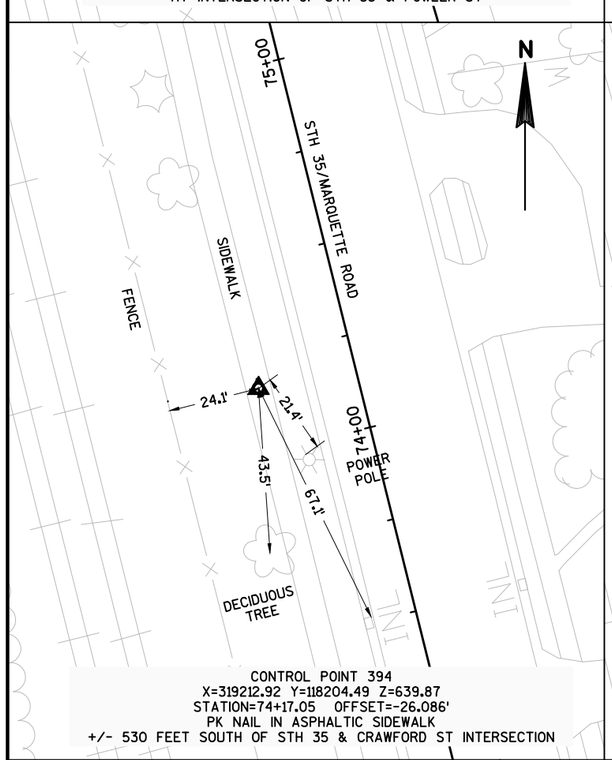
CONTROL POINT 391
X=319566.32 Y=116791.77 Z=646.11
STATION=59+61.72 OFFSET=-25.661'
PK NAIL IN ASPHALTIC SIDEWALK
AT INTERSECTION OF STH 35 & BRUNSON ST



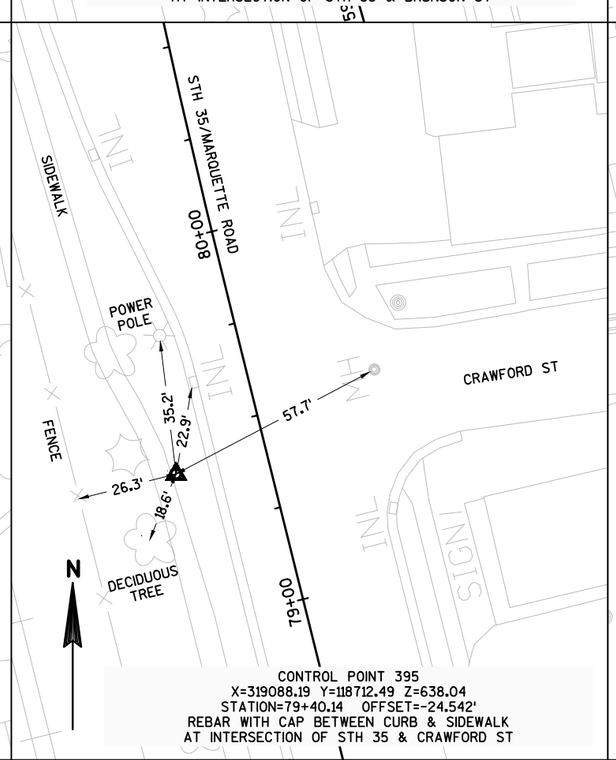
CONTROL POINT 392
X=319464.17 Y=117216.70 Z=644.45
STATION=63+97.86 OFFSET=-21.174'
PK NAIL IN ASPHALTIC SIDEWALK
AT INTERSECTION OF STH 35 & BROADWAY ST



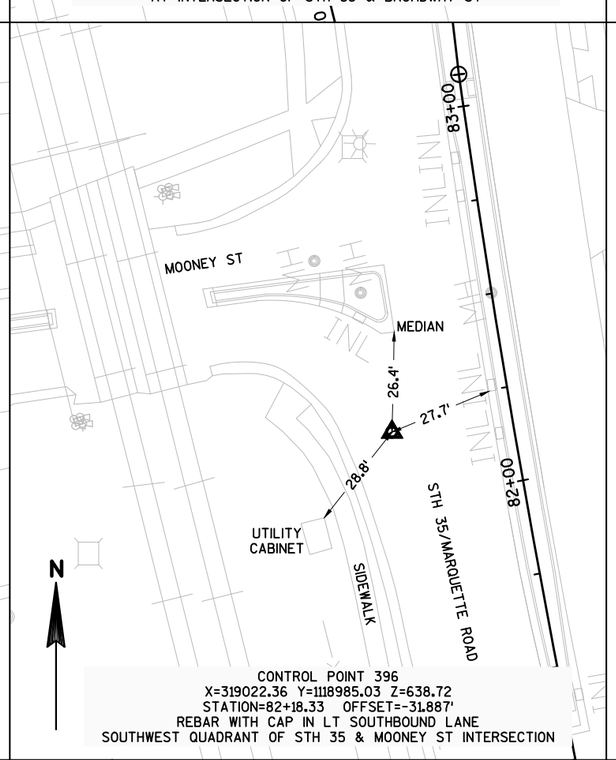
CONTROL POINT 393
X=319373.32 Y=1117572.18 Z=642.84
STATION=67+64.72 OFFSET=-23.013'
PK NAIL IN ASPHALTIC SIDEWALK
AT INTERSECTION OF STH 35 AND WELLS ST



CONTROL POINT 394
X=319212.92 Y=118204.49 Z=639.87
STATION=74+17.05 OFFSET=-26.086'
PK NAIL IN ASPHALTIC SIDEWALK
+/- 530 FEET SOUTH OF STH 35 & CRAWFORD ST INTERSECTION



CONTROL POINT 395
X=319088.19 Y=118712.49 Z=638.04
STATION=79+40.14 OFFSET=-24.542'
REBAR WITH CAP BETWEEN CURB & SIDEWALK
AT INTERSECTION OF STH 35 & CRAWFORD ST



CONTROL POINT 396
X=319022.36 Y=1118985.03 Z=638.72
STATION=82+18.33 OFFSET=-31.887'
REBAR WITH CAP IN LT SOUTHBOUND LANE
SOUTHWEST QUADRANT OF STH 35 & MOONEY ST INTERSECTION

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	ALIGNMENT PLAN - CONTROL POINTS	SHEET 184	E

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	25.000	25.000
0004	201.0120	Clearing	ID	78.000	78.000
0006	201.0205	Grubbing	STA	25.000	25.000
0008	201.0220	Grubbing	ID	78.000	78.000
0010	204.0100	Removing Pavement	SY	38,776.000	38,776.000
0012	204.0110	Removing Asphaltic Surface	SY	14,843.000	14,843.000
0014	204.0150	Removing Curb & Gutter	LF	3,127.000	3,127.000
0016	204.0155	Removing Concrete Sidewalk	SY	1,562.000	1,562.000
0018	204.0170	Removing Fence	LF	2,799.000	2,799.000
0020	204.0195	Removing Concrete Bases	EACH	9.000	9.000
0022	204.0210	Removing Manholes	EACH	26.000	26.000
0024	204.0220	Removing Inlets	EACH	43.000	43.000
0026	204.0245	Removing Storm Sewer (size) 01. 12-inch	LF	1,488.000	1,488.000
0028	204.0245	Removing Storm Sewer (size) 02. 24-inch	LF	3,222.000	3,222.000
0030	204.0245	Removing Storm Sewer (size) 03. 27-inch	LF	1,601.000	1,601.000
0032	204.0245	Removing Storm Sewer (size) 04. 30-inch	LF	372.000	372.000
0034	204.0245	Removing Storm Sewer (size) 05. 36-inch	LF	824.000	824.000
0036	205.0100	Excavation Common	CY	28,379.000	28,379.000
0038	209.1500	Backfill Granular Grade 1	TON	978.000	978.000
0040	213.0100	Finishing Roadway (project) 01. 1661-05-76	EACH	1.000	1.000
0042	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	24,946.000	24,946.000
0044	405.0100	Coloring Concrete WisDOT Red	CY	213.000	213.000
0046	415.0080	Concrete Pavement 8-Inch	SY	41,326.000	41,326.000
0048	415.0210	Concrete Pavement Gaps	EACH	3.000	3.000
0050	415.5110.S	Concrete Pavement Joint Layout	LS	1.000	1.000
0052	416.0160	Concrete Driveway 6-Inch	SY	818.000	818.000
0054	416.0610	Drilled Tie Bars	EACH	596.000	596.000
0056	416.0620	Drilled Dowel Bars	EACH	117.000	117.000
0058	440.4410	Incentive IRI Ride	DOL	4,940.000	4,940.000
0060	455.0605	Tack Coat	GAL	583.000	583.000
0062	460.2000	Incentive Density HMA Pavement	DOL	300.000	300.000
0064	465.0105	Asphaltic Surface	TON	2,809.000	2,809.000
0066	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	386.000	386.000
0068	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	2,537.000	2,537.000
0070	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	104.000	104.000
0072	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	13,218.000	13,218.000
0074	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2,494.000	2,494.000
0076	601.0600	Concrete Curb Pedestrian	LF	56.000	56.000
0078	602.0405	Concrete Sidewalk 4-Inch	SF	814.000	814.000
0080	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	707.000	707.000

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0082	602.2400	Concrete Safety Islands	SF	8,187.000	8,187.000
0084	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	1,356.000	1,356.000
0086	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	1,132.000	1,132.000
0088	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	1,480.000	1,480.000
0090	608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	LF	750.000	750.000
0092	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	1,093.000	1,093.000
0094	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	1,670.000	1,670.000
0096	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	145.000	145.000
0098	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	127.000	127.000
0100	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	91.000	91.000
0102	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	114.000	114.000
0104	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	71.000	71.000
0106	608.0430	Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	LF	99.000	99.000
0108	608.2414	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF	281.000	281.000
0110	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	957.000	957.000
0112	611.0420	Reconstructing Manholes	EACH	3.000	3.000
0114	611.0430	Reconstructing Inlets	EACH	4.000	4.000
0116	611.0530	Manhole Covers Type J	EACH	31.000	31.000
0118	611.0609	Inlet Covers Type B-A	EACH	1.000	1.000
0120	611.0624	Inlet Covers Type H	EACH	72.000	72.000
0122	611.0639	Inlet Covers Type H-S	EACH	8.000	8.000
0124	611.0666	Inlet Covers Type Z	EACH	6.000	6.000
0126	611.2004	Manholes 4-FT Diameter	EACH	3.000	3.000
0128	611.2005	Manholes 5-FT Diameter	EACH	11.000	11.000
0130	611.2006	Manholes 6-FT Diameter	EACH	10.000	10.000
0132	611.2008	Manholes 8-FT Diameter	EACH	8.000	8.000
0134	611.3003	Inlets 3-FT Diameter	EACH	4.000	4.000
0136	611.3004	Inlets 4-FT Diameter	EACH	34.000	34.000

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0138	611.3230	Inlets 2x3-FT	EACH	48.000	48.000
0140	611.8110	Adjusting Manhole Covers	EACH	1.000	1.000
0142	611.8115	Adjusting Inlet Covers	EACH	2.000	2.000
0144	611.8120.S	Cover Plates Temporary	EACH	111.000	111.000
0148	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1661-05-76	EACH	1.000	1.000
0152	619.1000	Mobilization	EACH	0.900	0.900
0154	620.0100	Concrete Corrugated Median	SF	2,707.000	2,707.000
0156	620.0300	Concrete Median Sloped Nose	SF	494.000	494.000
0158	624.0100	Water	MGAL	462.000	462.000
0160	625.0100	Topsoil	SY	10,820.000	10,820.000
0162	625.0500	Salvaged Topsoil	SY	990.000	990.000
0164	627.0200	Mulching	SY	2,625.000	2,625.000
0166	628.1504	Silt Fence	LF	3,650.000	3,650.000
0168	628.1520	Silt Fence Maintenance	LF	3,650.000	3,650.000
0170	628.1905	Mobilizations Erosion Control	EACH	13.000	13.000
0172	628.1910	Mobilizations Emergency Erosion Control	EACH	7.000	7.000
0174	628.2006	Erosion Mat Urban Class I Type A	SY	11,810.000	11,810.000
0176	628.7010	Inlet Protection Type B	EACH	1.000	1.000
0178	628.7015	Inlet Protection Type C	EACH	156.000	156.000
0180	628.7560	Tracking Pads	EACH	6.000	6.000
0182	629.0210	Fertilizer Type B	CWT	9.000	9.000
0184	630.0140	Seeding Mixture No. 40	LB	257.800	257.800
0186	630.0200	Seeding Temporary	LB	50.000	50.000
0188	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	60.000	60.000
0190	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	43.000	43.000
0192	637.2210	Signs Type II Reflective H	SF	582.060	582.060
0194	637.2230	Signs Type II Reflective F	SF	247.710	247.710
0196	638.2102	Moving Signs Type II	EACH	8.000	8.000
0198	638.2602	Removing Signs Type II	EACH	48.000	48.000
0200	638.3000	Removing Small Sign Supports	EACH	49.000	49.000
0202	638.4000	Moving Small Sign Supports	EACH	6.000	6.000
0204	642.5201	Field Office Type C	EACH	1.000	1.000
0206	643.0300	Traffic Control Drums	DAY	20,060.000	20,060.000
0208	643.0410	Traffic Control Barricades Type II	DAY	2,438.000	2,438.000
0210	643.0420	Traffic Control Barricades Type III	DAY	6,524.000	6,524.000
0212	643.0705	Traffic Control Warning Lights Type A	DAY	2,430.000	2,430.000
0214	643.0800	Traffic Control Arrow Boards	DAY	243.000	243.000
0216	643.0900	Traffic Control Signs	DAY	37,265.000	37,265.000
0218	643.0920	Traffic Control Covering Signs Type II	EACH	13.000	13.000

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0220	643.1050	Traffic Control Signs PCMS	DAY	42.000	42.000
0222	643.5000	Traffic Control	EACH	1.000	1.000
0224	644.1410.S	Temporary Pedestrian Surface Asphalt	SF	1,453.000	1,453.000
0226	644.1420.S	Temporary Pedestrian Surface Plywood	SF	300.000	300.000
0228	644.1430.S	Temporary Pedestrian Surface Plate	SF	300.000	300.000
0230	644.1601.S	Temporary Curb Ramp	EACH	8.000	8.000
0232	644.1616.S	Temporary Pedestrian Safety Fence	LF	11,876.000	11,876.000
0234	646.1020	Marking Line Epoxy 4-Inch	LF	33,838.000	33,838.000
0236	646.3020	Marking Line Epoxy 8-Inch	LF	2,190.000	2,190.000
0238	646.5020	Marking Arrow Epoxy	EACH	54.000	54.000
0240	646.5120	Marking Word Epoxy	EACH	9.000	9.000
0242	646.5320	Marking Railroad Crossings Epoxy	EACH	1.000	1.000
0244	646.6120	Marking Stop Line Epoxy 18-Inch	LF	348.000	348.000
0246	646.7120	Marking Diagonal Epoxy 12-Inch	LF	721.000	721.000
0248	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,242.000	2,242.000
0250	646.8020	Marking Corrugated Median Epoxy	SF	1,050.000	1,050.000
0252	646.8220	Marking Island Nose Epoxy	EACH	14.000	14.000
0254	646.9000	Marking Removal Line 4-Inch	LF	175.000	175.000
0256	649.0120	Temporary Marking Line Epoxy 4-Inch	LF	100.000	100.000
0258	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	100.000	100.000
0260	650.4000	Construction Staking Storm Sewer	EACH	126.000	126.000
0262	650.4500	Construction Staking Subgrade	LF	9,143.000	9,143.000
0264	650.5000	Construction Staking Base	LF	2,453.000	2,453.000
0266	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	2,494.000	2,494.000
0268	650.7000	Construction Staking Concrete Pavement	LF	6,558.000	6,558.000
0270	650.8500	Construction Staking Electrical Installations (project) 01. 1661-05-76 Street Lighting	LS	1.000	1.000
0272	650.8500	Construction Staking Electrical Installations (project) 02. 1661-05-76 Traffic Signals	LS	1.000	1.000
0274	650.9910	Construction Staking Supplemental Control (project) 01. 1661-05-76	LS	1.000	1.000
0276	650.9920	Construction Staking Slope Stakes	LF	9,678.000	9,678.000
0278	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	5,806.000	5,806.000
0280	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	448.000	448.000
0282	652.0325	Conduit Rigid Nonmetallic Schedule 80 2-Inch	LF	550.000	550.000
0284	652.0800	Conduit Loop Detector	LF	60.000	60.000
0286	653.0140	Pull Boxes Steel 24x42-Inch	EACH	19.000	19.000
0288	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	4.000	4.000
0290	653.0905	Removing Pull Boxes	EACH	8.000	8.000
0292	654.0101	Concrete Bases Type 1	EACH	4.000	4.000

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0294	654.0102	Concrete Bases Type 2	EACH	2.000	2.000
0296	654.0106	Concrete Bases Type 6	EACH	18.000	18.000
0298	654.0110	Concrete Bases Type 10	EACH	1.000	1.000
0300	654.0113	Concrete Bases Type 13	EACH	3.000	3.000
0302	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	2.000	2.000
0304	655.0210	Cable Traffic Signal 3-14 AWG	LF	90.000	90.000
0306	655.0230	Cable Traffic Signal 5-14 AWG	LF	363.000	363.000
0308	655.0240	Cable Traffic Signal 7-14 AWG	LF	272.000	272.000
0310	655.0250	Cable Traffic Signal 9-14 AWG	LF	287.000	287.000
0312	655.0260	Cable Traffic Signal 12-14 AWG	LF	1,008.000	1,008.000
0314	655.0305	Cable Type UF 2-12 AWG Grounded	LF	669.000	669.000
0316	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	927.000	927.000
0318	655.0610	Electrical Wire Lighting 12 AWG	LF	3,312.000	3,312.000
0320	655.0615	Electrical Wire Lighting 10 AWG	LF	5,884.000	5,884.000
0322	655.0620	Electrical Wire Lighting 8 AWG	LF	3,756.000	3,756.000
0324	655.0625	Electrical Wire Lighting 6 AWG	LF	11,001.000	11,001.000
0326	655.0700	Loop Detector Lead In Cable	LF	436.000	436.000
0328	655.0800	Loop Detector Wire	LF	190.000	190.000
0330	656.0200	Electrical Service Meter Breaker Pedestal (location) 01. STA 32+25	LS	1.000	1.000
0332	656.0200	Electrical Service Meter Breaker Pedestal (location) 02. STA 67+40	LS	1.000	1.000
0334	657.0100	Pedestal Bases	EACH	4.000	4.000
0336	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	20.000	20.000
0338	657.0310	Poles Type 3	EACH	1.000	1.000
0340	657.0315	Poles Type 4	EACH	1.000	1.000
0342	657.0327	Poles Type 6-Aluminum	EACH	18.000	18.000
0344	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	1.000	1.000
0346	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	3.000	3.000
0348	657.0585	Trombone Arms 15-FT	EACH	1.000	1.000
0350	657.0709	Luminaire Arms Truss Type 4-Inch Clamp 12-FT	EACH	3.000	3.000
0352	657.0715	Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	EACH	18.000	18.000
0354	657.1345	Install Poles Type 9	EACH	1.000	1.000
0356	657.1355	Install Poles Type 12	EACH	2.000	2.000
0358	657.1360	Install Poles Type 13	EACH	1.000	1.000
0360	657.1530	Install Monotube Arms 30-FT	EACH	1.000	1.000
0362	657.1540	Install Monotube Arms 40-FT	EACH	1.000	1.000
0364	657.1545	Install Monotube Arms 45-FT	EACH	2.000	2.000
0366	657.1815	Install Luminaire Arms Steel 15-FT	EACH	1.000	1.000
0368	658.0173	Traffic Signal Face 3S 12-Inch	EACH	8.000	8.000

1661-05-76

Line	Item	Item Description	Unit	Total	Qty
0370	658.0174	Traffic Signal Face 4S 12-Inch	EACH	6.000	6.000
0372	658.0416	Pedestrian Signal Face 16-Inch	EACH	6.000	6.000
0374	658.0500	Pedestrian Push Buttons	EACH	6.000	6.000
0376	658.5069	Signal Mounting Hardware (location) 01. 1661-05-76	LS	1.000	1.000
0378	659.1125	Luminaires Utility LED C	EACH	4.000	4.000
0380	659.1130	Luminaires Utility LED D	EACH	18.000	18.000
0382	690.0150	Sawing Asphalt	LF	3,318.000	3,318.000
0384	690.0250	Sawing Concrete	LF	1,842.000	1,842.000
0386	715.0415	Incentive Strength Concrete Pavement	DOL	12,400.000	12,400.000
0388	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0390	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,160.000	2,160.000
0392	SPV.0060	Special 01. Lighting Control Cabinet	EACH	2.000	2.000
0394	SPV.0060	Special 02. Painted Black Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	18.000	18.000
0396	SPV.0060	Special 03. Painted Black Poles Type 6 Aluminum	EACH	18.000	18.000
0398	SPV.0060	Special 04. Painted Black Luminaire Arms Truss Type 4 1/2-inch Clamp 15-foot	EACH	18.000	18.000
0400	SPV.0060	Special 05. Painted Black Luminaires Utility LED D	EACH	18.000	18.000
0438	SPV.0060	Special 24. Removing Traffic Signal Units	EACH	9.000	9.000
0440	SPV.0060	Special 25. Fence Chain Link Polymer-Coated Pedestrian Gate	EACH	1.000	1.000
0462	SPV.0090	Special 11. Concrete Curb Island Corner	LF	21.000	21.000
0464	SPV.0090	Special 12. Fence Chain Link Polymer-Coated 5-ft	LF	2,820.000	2,820.000
0466	SPV.0105	Special 01. Rectangular Rapid Flashing Beacon System	LS	1.000	1.000
0468	SPV.0105	Special 02. Rectangular Rapid Flashing Beacon System	LS	1.000	1.000
0474	SPV.0165	Special 01. Concrete Sidewalk, Picture-Frame, 4-inch	SF	37,372.000	37,372.000
0476	SPV.0165	Special 02. Concrete Sidewalk, Picture-Frame, 6-inch	SF	4,025.000	4,025.000
0478	SPV.0165	Special 03. Colored & Textured Concrete Sidewalk, 4-inch	SF	8,569.000	8,569.000

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

CLEARING AND GRUBBING

STAGE	STATION	LOCATION	CLEARING 201.0105 STA	GRUBBING 201.0205 STA	CLEARING 201.0120 ID	GRUBBING 201.0220 ID
1	27+88	STH 35 RT	-	-	8	8
2	42+88	STH 35 RT	-	-	12	12
2	42+95	STH 35 RT	-	-	12	12
2	43+10	STH 35 RT	-	-	12	12
2	43+18	STH 35 RT	-	-	12	12
2	43+25	STH 35 RT	-	-	12	12
2	55+00 - 68+00	STH 35 LT	13	13	-	-
3	68+00 - 80+00	STH 35 LT	12	12	-	-
3	10+88	10TH ST	-	-	10	10
	PROJECT TOTALS =		**25**	**25**	**78**	**78**

REMOVING PAVEMENT

STAGE	STATION	TO	STATION	LOCATION	204.0100 SY	REMARKS
1	67+50	-	86+00	STH 35	8,037	MAINLINE AND MEDIANS
1	67+50	-	86+00	STH 35	219	DRIVEWAYS
2	45+00	-	67+50	STH 35	12,260	MAINLINE AND MEDIANS
2	45+00	-	67+50	STH 35	319	DRIVEWAYS
3	6+72	-	45+00	STH 35	17,684	MAINLINE AND MEDIANS
3	6+72	-	45+00	STH 35	257	DRIVEWAYS
			PROJECT TOTALS =		**38,776**	

NOTE: INCLUDES CURB AND GUTTER REMOVAL ADJACENT TO CONCRETE PAVEMENT

REMOVING ASPHALTIC SURFACE

STAGE	STATION	TO	STATION	LOCATION	*** 204.0110 SY	REMARKS
1	67+50	-	86+00	STH 35	1,031	SIDEWALK LT
1	67+50	-	86+00	STH 35	390	DRIVEWAYS
1	10+56 CR	-	10+68 CR	CRAWFORD ST	51	
2	45+00	-	67+50	STH 35	1,220	DRIVEWAYS
2	45+00	-	67+50	STH 35	1,421	SIDEWALK LT
2	10+22 CA	-	10+73 CA	CAMPION BLVD	207	
2	9+40 PA	-	13+58 PA	PARRISH ST	1,011	
2	10+43 FW	-	10+91 FW	FOWLER ST	152	
2	10+42 PR	-	11+07 PR	BRUNSON ST	213	
2	10+53 BW	-	10+82 BW	BROADWAY ST	91	
2	10+52 WE	-	10+92 WE	WELLS ST	190	
3	17+00	-	45+00	STH 35	1,709	SIDEWALK LT
3	17+00	-	45+00	STH 35	2,077	DRIVEWAYS
3	10+27 FI	-	10+76 FI	15TH ST	306	
3	10+26 PR	-	11+50 PR	PRAIRIE ST	587	
3	10+00 LW	-	11+92 LW	LOCKWOOD ST	828	11TH & LOCKWOOD
3	10+25 EE	-	11+73 EE	11TH EXISTING	555	11TH ST EXISTING
3	10+00 TE	-	11+57 TE	10TH ST	550	10TH ST EXISTING
			PROJECT TOTALS =		**12,589**	

REMOVING CURB & GUTTER

STAGE	STATION	TO	STATION	LOCATION	*** 204.0150 LF	REMARKS
2	10+22 CA	-	10+73 CA	CAMPION BLVD	121	RT/LT
2	9+40 PA	-	13+58 PA	PARRISH ST	428	RT/LT
2	10+43 FW	-	10+91 FW	FOWLER ST	96	RT/LT
2	10+42 BR	-	11+08 BR	BRUNSON ST	132	RT/LT
2	10+53 BW	-	10+82 BW	BROADWAY ST	58	RT/LT
2	10+52 WE	-	10+92 WE	WELLS ST	119	RT/LT
2	10+56 CR	-	10+68 CR	CRAWFORD ST	32	RT/LT
2	46+50	-	47+00	STH 35 LT	65	DRIVEWAY
3	10+27 FI	-	10+76 FI	15TH ST	130	RT/LT
3	10+26 PR	-	11+50 PR	PRAIRIE ST	214	EXISTING RT/LT
3	10+12 LW	-	10+99 LW	LOCKWOOD ST	201	LOCKWOOD & 11TH
3	10+25 EE	-	11+14 EE	11TH ST	338	RT/LT
3	17+53	-	17+89	STH 35	48	RT
			PROJECT TOTALS =		**1,982**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

REMOVING CONCRETE SIDEWALK

STAGE	STATION	TO	STATION	LOCATION	*** 204.0155 SY	REMARKS
1	67+50	-	86+00	STH 35	667	SIDEWALK RT
2	45+00	-	67+50	STH 35	735	SIDEWALK RT
				PROJECT TOTALS =	**1,402**	

REMOVING FENCE

STAGE	STATION	TO	STATION	LOCATION	204.0170 LF	REMARKS
1&2	53+89	-	81+73	STH 35	2,799	LT
				PROJECT TOTALS =	**2,799**	

NOTE: CONTACT CITY OF PRAIRIE DU CHIEN TO SALVAGE FENCE

REMOVING MANHOLES

STAGE	STATION	LOCATION	OFFSET	204.0210 EACH
1	67+54	STH 35	28.3' RT	1
1	71+52	STH 35	27.3' RT	1
1	79+54	STH 35	32.9' RT	1
2	50+17	STH 35	11.6' RT	1
2	52+80	STH 35	19.2' RT	1
2	54+51	STH 35	11.9' RT	1
2	55+83	STH 35	21.9' RT	1
2	56+40	STH 35	14.7' RT	1
2	59+60	STH 35	34.2' RT	1
2	59+82	STH 35	35.5' RT	1
2	60+19	STH 35	24.9' RT	1
2	61+19	STH 35	6.4' RT	1
2	63+83	STH 35	35.0' RT	1
3	18+35	STH 35	11.1' LT	1
3	19+29	STH 35	43.8' LT	1
3	20+37	STH 35	15.3' RT	1
3	21+67	STH 35	13.3' RT	1
3	23+33	STH 35	16.0' RT	1
3	27+05	STH 35	19.5' RT	1
3	31+87	STH 35	16.2' RT	1
3	36+31	STH 35	14.8' RT	1
3	39+40	STH 35	33.7' LT	1
3	40+06	STH 35	16.2' RT	1
3	42+29	STH 35	62.2' RT	1
3	42+87	STH 35	15.3' RT	1
3	42+88	STH 35	14.4' LT	1
			PROJECT TOTALS =	**26**

REMOVING INLETS

STAGE	STATION	LOCATION	OFFSET	204.0220 EACH
1	73+50	STH 35	12.8' LT	1
1	73+50	STH 35	29.0' RT	1
1	79+18	STH 35	29.0' RT	1
1	81+40	STH 35	37.8' LT	1
1	81+42	STH 35	2.7' LT	1
1	82+13	STH 35	4.0' LT	1
1	82+26	STH 35	3.9' LT	1
1	82+49	STH 35	35.5' LT	1
2	47+88	STH 35	20.1' RT	1
2	47+92	STH 35	29.7' LT	1
2	52+52	STH 35	20.3' RT	1
2	52+67	STH 35	45.4' RT	1
2	52+70	STH 35	30.5' LT	1
2	52+98	STH 35	55.1' RT	1
2	54+48	STH 35	16.1' RT	1
2	54+51	STH 35	26.1' LT	1
2	56+39	STH 35	19.3' RT	1
2	63+50	STH 35	30.4' RT	1
2	63+95	STH 35	11.5' LT	1
2	64+30	STH 35	30.1' RT	1
2	67+20	STH 35	30.2' RT	1
2	67+21	STH 35	11.7' LT	1
3	16+72	STH 35	66.1' RT	1
3	16+75	STH 35	70.5' RT	1
3	17+52	STH 35	65.2' RT	1
3	17+58	STH 35	56.8' RT	1
3	17+79	STH 35	1.0' RT	1
3	20+25	STH 35	30.8' LT	1
3	20+29	STH 35	28.2 'RT	1
3	21+62	STH 35	25.4' RT	1
3	21+65	STH 35	24.5' LT	1
3	23+34	STH 35	25.6' RT	1
3	23+78	STH 35	25.0' LT	1
3	27+06	STH 35	25.1' LT	1
3	27+06	STH 35	25.7' RT	1
3	27+17	STH 35	25.6' RT	1
3	27+19	STH 35	25.1' LT	1
3	31+86	STH 35	24.8' LT	1
3	31+86	STH 35	25.0' RT	1
3	36+30	STH 35	24.7' RT	1
3	36+31	STH 35	25.6' LT	1
3	40+05	STH 35	24.3' RT	1
3	40+07	STH 35	25.2' LT	1
			PROJECT TOTALS =	**43**

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

3

REMOVING STORM SEWER

STAGE	STATION	TO	STATION	LOCATION	12-INCH 204.0245.01 LF	24-INCH 204.0245.02 LF	27-INCH 204.0245.03 LF	30-INCH 204.0245.04 LF	36-INCH 204.0245.05 LF
1	67+55	-	67+79	STH 35	-	-	-	-	120
1	67+55	-	67+79	STH 35	-	-	-	-	120
1	67+59	-	79+18	STH 35, LT	-	1,159	-	-	-
1	73+50	-		STH 35	65	-	-	-	-
1	79+18	-		STH 35	65	-	-	-	-
1	79+62	-	80+69	STH 35, LT	109	-	-	-	-
1	80+69	-	81+38	STH 35, LT	71	-	-	-	-
1	81+38	-	82+48	STH 35, LT	-	111	-	-	-
1	81+40	-		STH 35	42	-	-	-	-
1	82+13	-	82+87	STH 35, LT	-	-	75	-	-
1	82+50	-		STH 35	-	36	-	-	-
2	47+89	-	50+17	STH 35, RT	-	226	-	-	-
2	47+90	-		STH 35	53	-	-	-	-
2	50+17	-	52+80	STH 35, RT	-	259	-	-	-
2	52+34	-	53+00	STH 35	189	-	-	-	-
2	52+80	-	54+51	STH 35, RT	-	-	169	-	-
2	54+50	-		STH 35	47	-	-	-	-
2	54+51	-	56+40	STH 35, RT	-	-	189	-	-
2	56+40	-	59+61	STH 35, RT	-	-	322	-	-
2	59+61	-		STH 35	-	-	50	-	-
2	59+61	-	63+86	STH 35, LT	-	-	423	-	-
2	63+49	-	63+86	STH 35	60	-	-	-	-
2	63+72	-	63+93	STH 35	28	-	-	-	-
2	63+86	-	67+18	STH 35, LT	-	-	333	-	-
2	63+86	-	64+30	STH 35	66	-	-	-	-
2	67+18	-	67+59	STH 35, LT	-	-	40	-	-
2	67+20	-		STH 35	58	-	-	-	-
3	16+73	-	17+50	STH 35, RT	-	128	-	-	-
3	17+50	-	20+21	STH 35, RT	-	-	-	-	272
3	20+21	-	21+58	STH 35, RT	-	-	-	-	136
3	20+25	-		STH 35	61	-	-	-	-
3	21+58	-	23+34	STH 35, RT	-	-	-	-	176
3	21+60	-		STH 35	53	-	-	-	-
3	23+34	-	27+05	STH 35, RT	-	-	-	372	-
3	23+35	-		STH 35	10	-	-	-	-
3	23+78	-		STH 35	42	-	-	-	-
3	27+05	-	31+87	STH 35, RT	-	482	-	-	-
3	27+10	-		STH 35	77	-	-	-	-
3	31+37	-	32+90	STH 35	286	-	-	-	-
3	31+87	-	36+32	STH 35, RT	-	445	-	-	-
3	36+30	-		STH 35	53	-	-	-	-
3	36+32	-	40+07	STH 35, RT	-	376	-	-	-
3	40+10	-		STH 35	53	-	-	-	-
				PROJECT TOTALS =	**1,488**	**3,222**	**1,601**	**372**	**824**

BACKFILL GRANULAR GRADE 1

STAGE	STATION	TO	STATION	LOCATION	209.1500 TON	REMARKS
1	67+50	-	86+00	STH 35	103	SIDEWALK
1	67+50	-	86+00	STH 35	73	TERRACE
2	45+00	-	67+50	STH 35	234	SIDEWALK
2	45+00	-	67+50	STH 35	98	TERRACE
3	6+75	-	45+00	STH 35	277	SIDEWALK
3	6+75	-	45+00	STH 35	193	TERRACE
				PROJECT TOTAL=	**978**	

3

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

Stage	From/To Station	Location	***Common Excavation (1) (item #205.0100)		Salvaged/ Unusable Pavement Material (4)	Available Material (5)	Marsh Excavation (6)	Rock Excavation (7)	Reduced Marsh in Fill (8)	Reduced EBS in Fill (9)	Expanded Marsh Backfill (10)	Expanded EBS Backfill (11)	Expanded Rock (12)	Unexpanded Fill	Expanded Fill (13)	Mass Ordinate +/- (14)	Waste	Borrow	Comment:
			Cut (2)	EBS Excavation (3)			(item #205.0500)	(item #205.0200)	Factor 0.60	Factor 0.80	Factor 1.50	Factor 1.30	Factor 1.10		Factor 1.30			(item #208.0100)	
Stage 1																			
STH 35	STA 67+50 - 83+00	STH 35	5,811	0	2,222	3,588	0	0	0	0	0	0	0	8	10	3,579	3,579	0	
Wells St	STA 10+61WE - 11+31WE	Wells St	249	0	21	229	0	0	0	0	0	0	0	0	0	229	229	0	
Crawford St	STA 10+58CR - 10+69CR	Crawford St	157	0	5	152	0	0	0	0	0	0	0	1	1	151	151	0	
Mooney St	STA 0+00 - 0+67 (SW Curb)	Mooney St	240	0	0	240	0	0	0	0	0	0	0	1	1	238	238	0	
Stage 1 Subtotal			6,457	0	2,248	4,209	0	0	0	0	0	0	0	9	12	4,197	4,197	0	
Stage 2																			
STH 35	STA 45+00 - 67+50	STH 35	7,305	0	3,360	3,945	0	0	0	0	0	0	0	412	536	3,409	3,409	0	
Campion Blvd	STA 10+62CA - 10+73CA	Campion Blvd	290	0	21	269	0	0	0	0	0	0	0	0	0	269	269	0	
Bank Driveway	STA 10+00BD - 10+69BD	Bank Driveway	108	0	0	108	0	0	0	0	0	0	0	0	0	108	108	0	
Parrish St - West	STA 9+40PA - 11+19PA	Parrish St - West	326	0	101	226	0	0	0	0	0	0	0	120	156	70	70	0	
Parrish St - East	STA 13+39PA - 13+58PA	Parrish St - East	195	0	10	185	0	0	0	0	0	0	0	1	2	183	183	0	
Fowler St	STA 10+57FW - 10+91FW	Fowler St	152	0	16	135	0	0	0	0	0	0	0	0	0	135	135	0	
Brunson St	STA 10+57BR - 11+08BR	Brunson St	214	0	23	191	0	0	0	0	0	0	0	0	0	191	191	0	
Broadway St	STA 10+62BW - 10+82BW	Broadway St	157	0	10	148	0	0	0	0	0	0	0	0	0	148	148	0	
Stage 2 Subtotal			8,748	0	3,540	5,207	0	0	0	0	0	0	0	534	694	4,513	4,513	0	
Stage 3																			
STH 35	STA 17+68 - 45+00	STH 35	9,908	0	4,740	5,169	0	0	0	0	0	0	0	66	86	5,083	5,083	0	
La Pointe St	STA 10+80LP - 11+32LP	La Pointe St	234	0	0	234	0	0	0	0	0	0	0	1	1	233	233	0	
15th St	STA 10+70FI -10+77FI	15th St	224	0	27	197	0	0	0	0	0	0	0	0	0	197	197	0	
Prairie St	STA 10+58PR - 11+50PR	Prairie St	393	0	64	329	0	0	0	0	0	0	0	3	3	325	325	0	
Motel Driveway	STA 10+20MD - 11+10MD	Motel Driveway	111	0	0	111	0	0	0	0	0	0	0	0	0	111	111	0	
Lockwood St	STA 10+00LW - 11+92LW	Lockwood St	363	0	91	272	0	0	0	0	0	0	0	1	1	272	272	0	
11th St Cul de Sac	STA 10+00EC - 11+13EC	11th St Cul de Sac	207	0	61	146	0	0	0	0	0	0	0	2	3	143	143	0	
10th St	STA 10+00TE - 11+34TE	10th St	383	0	60	323	0	0	0	0	0	0	0	6	7	315	315	0	
Stage 3 Subtotal			11,824	0	5,043	6,780	0	0	0	0	0	0	0	78	101	6,679	6,679	0	
Undistributed			500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grand Total			27,528.08	0.00	10,831.63	16,196.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	621.51	807.96	15,388.49	15,388.49	0.00	
		Total Common Exc		27,529.00															

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unusable 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 -Side road quantities are include in mainline quantities
5) Available Material = Cut - Salvaged/Unusable 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 usable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.6
9) Reduced EBS in Fill - Excavated EBS material is usable 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 208.1100
11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100
12) Expanded Rock - Factor = 1.1
13) Expanded Fill. Factor = 1.30

Depending on selections:

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor

Or 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.
15) Side roads include quantities along the centerline of the roadway alignment as well as in curb return areas
*** Item shown elsewhere on plan

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

BASE AGGREGATE DENSE 1 1/4-INCH

***

305.0120

STAGE	STATION	TO	STATION	LOCATION	TON	REMARKS
1	67+50	-	72+00	STH 35	1,040	MAINLINE
1	72+00	-	83+23	STH 35	2,377	MAINLINE
1	66+89	-	67+11	STH 35	16	ISLAND
1	67+50	-	86+00	STH 35 LT	799	MULTI-USE TRAIL (3-INCH DEPTH)
1	67+50	-	81+79	STH 35 LT	212	MULTI-USE TRAIL SHOULDER LT
1	10+58 CR	-	10+68 CR	CRAWFORD ST	19	
1	81+32	-	83+09	STH 35	17	ISLAND
1	81+32	-	83+09	STH 35	42	ISLAND
1	12+63 MN	-	13+18 MN	MOONEY ST	2	ISLAND
1	12+63 MN	-	13+18 MN	MOONEY ST	12	ISLAND
1	67+50	-	86+00	STH 35	250	DRIVEWAYS
2	45+00	-	48+75	STH 35	950	MAINLINE
2	48+75	-	55+25	STH 35	1,826	MAINLINE
2	55+25	-	62+00	STH 35	1,598	MAINLINE
2	62+00	-	67+50	STH 35	1,297	MAINLINE
2	46+13	-	46+37	STH 35	18	ISLAND
2	49+77	-	52+86	STH 35	87	ISLAND
2	49+79	-	52+84	STH 35	21	ISLAND
2	53+20	-	53+79	STH 35	19	ISLAND
2	45+00	-	52+89	STH 35 LT	288	MULTI-USE TRAIL (3-INCH DEPTH)
2	53+64	-	67+50	STH 35 LT	756	MULTI-USE TRAIL (4-INCH DEPTH)
2	53+65	-	67+50	STH 35 LT	207	MULTI-USE TRAIL SHOULDER LT
2	45+00	-	67+50	STH 35 LT	40	MULTI-USE TRAIL DRIVEWAY 5-INCH
2	10+62 CA	-	10+73 CA	CAMPION ST	24	
2	13+37 PA	-	13+58 PA	PARRISH ST	55	
2	9+40 PA	-	11+55 PA	PARRISH ST	604	
2	10+68 PA	-	11+15 PA	PARRISH ST	7	ISLAND
2	11+52 PA	-	12+35 PA	PARRISH ST	25	ISLAND
2	10+81 FW	-	10+97 FW	FOWLER ST	63	
2	10+58 BR	-	11+07 BR	BRUNSON ST	93	
2	10+27 BW	-	10+47 BW	BROADWAY ST	36	
2	10+62 WE	-	10+92 WE	WELLS ST	18	
2	10+62 WE	-	10+92 WE	WELLS ST	74	
2	45+00	-	67+50	STH 35	319	DRIVEWAYS
3	8+15	-	11+36	STH 35	97	ISLAND
3	14+95	-	16+49	STH 35	66	ISLAND
3	14+25	-	34+00	STH 35	4,388	MAINLINE
3	17+87	-	18+77	STH 35	17	ISLAND
3	17+87	-	19+28	STH 35	43	ISLAND
3	34+00	-	43+00	STH 35	2,211	MAINLINE
3	43+00	-	45+00	STH 35	512	MAINLINE
3	18+49	-	45+00	STH 35 LT	994	MULTI-USE TRAIL (3-INCH DEPTH)
3	18+49	-	45+00	STH 35 LT	74	MULTI-USE TRAIL DRIVEWAY 5-INCH
3	10+71 FI	-	10+76 FI	15TH ST	22	
3	10+58 PR	-	11+50 PR	PRAIRIE ST	296	
3	10+00 LW	-	11+92 LW	LOCKWOOD ST	369	
3	10+00 EC	-	11+03 EC	11TH ST	365	CUL-DE-SAC
3	10+00 TE	-	11+34 TE	10TH ST	183	
3	17+00	-	45+00	STH 35	438	DRIVEWAYS
		UNDISTRIBUTED			500	
		PROJECT TOTALS =			**23,786**	

CONCRETE PAVEMENT 8-INCH

415.0080

STAGE	STATION	TO	STATION	LOCATION	SY	REMARKS
1	67+50	-	72+00	STH 35	2,706	MAINLINE
1	72+00	-	86+00	STH 36	6,015	MAINLINE
2	45+00	-	48+75	STH 35	2,449	MAINLINE
2	48+75	-	55+25	STH 35	4,304	MAINLINE
2	55+25	-	62+00	STH 35	4,149	MAINLINE
2	62+00	-	67+50	STH 35	3,322	MAINLINE
3	17+00	-	45+00	STH 35	18,381	MAINLINE
			PROJECT TOTALS =		**41,326**	

CONCRETE PAVEMENT GAPS

415.0210

STAGE	STATION	TO	STATION	LOCATION	EACH	REMARKS
1	66+75	-	67+25	STH 35	1	WELLS ST CROSSWALK
2	46+00	-	46+50	STH 35	1	CAMPION BLVD CROSSWALK
2	52+00	-	55+00	STH 35	1	PARRISH ST
			PROJECT TOTALS =		**3**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

CONCRETE DRIVEWAY 6-INCH

STAGE	STATION	TO	STATION	LOCATION	*** 416.0160 SY
1	68+10	-	68+46	STH 35 RT	15
1	69+50	-	69+80	STH 35 RT	12
1	70+15	-	70+61	STH 35 RT	20
1	71+48	-	71+79	STH 35 RT	13
1	71+88	-	72+29	STH 35 RT	17
1	73+07	-	73+33	STH 35 RT	11
1	74+12	-	74+38	STH 35 RT	11
1	75+39	-	75+65	STH 35 RT	11
1	75+43	-	75+57	STH 35 RT	18
1	75+76	-	76+12	STH 35 RT	15
1	77+66	-	77+92	STH 35 RT	11
1	78+27	-	78+63	STH 35 RT	15
2	46+54	-	46+90	STH 35 LT	17
2	48+25	-	48+62	STH 35 LT	18
2	56+67	-	57+03	STH 35 RT	15
2	57+47	-	57+83	STH 35 RT	15
2	58+16	-	58+57	STH 35 RT	17
2	61+41	-	61+77	STH 35 RT	15
2	61+60	-	61+72	STH 35 RT	8
2	62+34	-	62+70	STH 35 RT	15
2	64+48	-	64+84	STH 35 RT	15
2	65+30	-	65+66	STH 35 RT	15
2	65+91	-	66+27	STH 35 RT	15
2	65+93	-	66+24	STH 35 RT	33
2	10+26 PA	-	10+54 PA	PARRISH ST RT	34
3	19+68	-	19+98	STH 35 LT	14
3	20+49	-	21+05	STH 35 RT	24
3	20+96	-	21+32	STH 35 LT	17
3	21+90	-	22+25	STH 35 LT	17
3	22+03	-	22+38	STH 35 RT	15
3	23+34	-	23+60	STH 35 LT	12
3	24+31	-	24+72	STH 35 LT	19
3	24+36	-	24+73	STH 35 LT	36
3	25+74	-	26+09	STH 35 RT	15
3	26+50	-	26+91	STH 35 LT	19
3	27+42	-	27+83	STH 35 RT	17
3	28+61	-	28+87	STH 35 LT	12
3	29+99	-	30+35	STH 35 LT	17
3	30+83	-	31+19	STH 35 RT	15
3	32+49	-	32+85	STH 35 LT	17
3	33+77	-	34+13	STH 35 LT	17
3	35+07	-	35+43	STH 35 RT	15
3	37+07	-	37+43	STH 35 RT	15
3	42+16	-	42+52	STH 35 LT	17
3	44+80	-	45+16	STH 35 RT	15
				PROJECT TOTALS =	**746**

DRILLED BARS

STAGE	STATION	TO	STATION	LOCATION	DRILLED TIE BARS 416.0610 EACH	DRILLED DOWEL BARS 416.0620 EACH
1	79+81	-	83+00	STH 35	125	40
3	8+14	-	11+67	STH 35	147	-
3	14+25	-	17+69	STH 35	324	77
				PROJECT TOTALS =	**596**	**117**

ASPHALTIC SURFACE

STAGE	STATION	TO	STATION	LOCATION	*** TACK COAT 455.0605 GAL	*** ASPHALTIC SURFACE 465.0105 TON	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 465.0120 TON	REMARKS
1	67+50	-	86+00	STH 35 LT	90	360	-	MULTI-USE TRAIL
1	67+50	-	81+79	STH 35 LT	27	105	-	MULTI-USE TRAIL SHOULDER
1	10+62 WE	-	10+92 WE	WELLS ST	9	35	-	
1	10+58 CR	-	10+68 CR	CRAWFORD ST	2	7	-	
1	67+50	-	86+00	STH 35 LT	-	-	67	DRIVEWAYS
2	45+00	-	67+50	STH 35 LT	91	492	-	MULTI-USE TRAIL
2	53+65	-	67+50	STH 35 LT	26	103	-	MULTI-USE TRAIL SHOULDER
2	10+62 CA	-	10+73 CA	CAMPION ST	3	10	-	
2	13+37 PA	-	13+58 PA	PARRISH ST E	4	14	-	
2	9+40 PA	-	11+55 PA	PARRISH ST W	37	146	-	
2	10+81 FW	-	10+97 FW	FOWLER ST	6	24	-	
2	10+58 BR	-	11+07 BR	BRUNSON ST	9	35	-	
2	10+58 BR	-	10+88 BR	BRUNSON ST	2	-	6	DRIVEWAY
2	10+27 BW	-	10+47 BW	BROADWAY ST	4	14	-	
2	45+00	-	67+50	STH 35	-	-	67	DRIVEWAYS
2	48+26	-	48+61	STH 35 LT	16	-	61	DRIVEWAY
3	17+00	-	45+00	STH 35 LT	9	493	-	MULTI-USE TRAIL
3	10+71 FI	-	10+76 FI	15TH ST	2	6	-	
3	10+58 PR	-	11+50 PR	PRAIRIE ST	18	72	-	
3	10+69 PR	-	11+02 PR	PRAIRIE ST	11	-	44	DRIVEWAY
3	10+00 LW	-	11+92 LW	LOCKWOOD ST	39	156	-	
3	10+00 EC	-	11+03 EC	11TH ST	35	140	-	CUL-DE-SAC
3	41+44		41+63	STH 35 RT	3	-	10	DRIVEWAY SOUTHEAST CUL-DE-SAC
3	10+08 EC	-	10+19 EC	11TH ST	1	-	3	DRIVEWAY NORTHWEST CUL-DE-SAC
3	10+63 EC	-	10+87 EC	11TH ST	3	-	9	DRIVEWAY NORTHEAST CUL-DE-SAC
3	10+00 TE	-	11+34 TE	10TH ST	20	79	-	
3	10+68 TE	-	11+07 TE	10TH ST	3	-	12	DRIVEWAY
3	17+00	-	45+00	STH 35	-	-	107	DRIVEWAYS
				PROJECT TOTALS =	**470**	**2,291**	**386**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

CONCRETE CURB & GUTTER 18-INCH TYPE A

STAGE	STATION	TO	STATION	LOCATION	601.0405 LF	REMARKS
1	81+37	-	83+08	STH 35	327	MEDIAN ISLAND
1	12+62 MN	-	13+19 MN	MOONEY ST MEDIAN ISLAND	122	PORK CHOP ISLAND
2	46+12	-	46+37	STH 35	66	MEDIAN ISLAND
2	49+75	-	52+87	STH 35	623	MEDIAN ISLAND
2	53+19	-	53+79	STH 35 RT	109	MEDIAN ISLAND
2	66+89	-	67+12	STH 35	62	MEDIAN ISLAND
2	11+52 PA	-	12+36 PA	PARRISH ST MEDIAN ISLAND	174	PORK CHOP ISLAND
3	8+15	-	11+67	STH 35 LT	354	
3	14+94	-	16+58	STH 35 RT	282	MEDIAN ISLAND
3	17+72	-	19+28	STH 35 RT	260	MEDIAN ISLAND
3	17+73	-	18+77	STH 35 LT	158	MEDIAN ISLAND
				PROJECT TOTALS =	**2,537**	

CONCRETE CURB & GUTTER 18-INCH TYPE D

STAGE	STATION	TO	STATION	LOCATION	601.0407 LF	REMARKS
2	10+63 PA	-	11+15 PA	STH 35 RT	104	MEDIAN ISLAND
				PROJECT TOTALS =	**104**	

CONCRETE CURB & GUTTER 30-INCH TYPE A

STAGE	STATION	TO	STATION	LOCATION	601.0409 LF
1	67+69	-	79+29	STH 35 RT	1,194
1	79+63	-	79+81	STH 35 RT	39
1	67+50	-	82+41	STH 35 LT	1,514
1	82+80	-	83+00	STH 35 LT	50
2	45+00	-	52+56	STH 35 RT	789
2	52+89	-	55+82	STH 35 RT	339
2	56+14	-	59+45	STH 35 RT	368
2	59+81	-	63+71	STH 35 RT	427
2	64+03	-	67+39	STH 35 RT	379
2	45+00	-	53+14	STH 35 LT	860
2	53+46	-	67+50	STH 35 LT	1,461
3	14+25	-	16+87	STH 35 RT	301
3	17+47	-	23+74	STH 35 RT	680
3	24+21	-	32+49	STH 35 RT	868
3	32+85	-	45+00	STH 35 RT	1,231
3	17+69	-	39+57	STH 35 LT	2,203
3	39+98	-	44+15	STH 35 LT	445
3	44+43	-	45+00	STH 35 LT	70
				PROJECT TOTALS =	**13,218**

CONCRETE CURB & GUTTER 30-INCH TYPE D

STAGE	STATION	TO	STATION	LOCATION	*** 601.0411 LF
1	10+58 CR	-	10+68 CR	CRAWFORD ST RT	20
1	12+60 MN	-	12+67 MN	MOONEY ST RT	6
2	10+62 CA	-	10+73 CA	CAMPION BLVD RT	12
2	9+40 PA	-	11+16 PA	PARRISH ST RT	352
2	10+57 FW	-	10+91 FW	FOWLER ST RT	68
2	10+58 BR	-	11+07 BR	BRUNSON ST RT	100
2	10+62 BW	-	10+82 BW	BROADWAY ST RT	39
2	10+62 WE	-	10+92 WE	WELLS ST RT	100
3	10+71 FI	-	10+79 FI	15TH ST RT	14
3	10+58 PR	-	11+50 PR	PRAIRIE ST RT	184
3	10+41 LW	-	11+17 LW	LOCKWOOD ST RT	86
3	10+00 EC	-	11+14 EC	11TH ST CUL-DE-SAC	358
3	11+28 TE	-	11+33 TE	10TH ST	10
				PROJECT TOTALS =	**1,349**

CONCRETE CURB PEDESTRIAN

STAGE	STATION	TO	STATION	LOCATION	601.0600 LF
3	17+53	-	17+82	STH 35 RT	56
				PROJECT TOTALS =	**56**

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

CURB RAMP DETECTABLE WARNING FIELD YELLOW

STAGE	STATION	LOCATION	*** 602.0505 SF
1	67+86	STH 35 RT	10
1	79+20	STH 35 RT	15
1	79+75	STH 35 RT	15
1	82+21	STH 35 LT	24
1	82+54	STH 35 LT	20
1	82+59	STH 35 LT	20
2	46+25	STH 35	80
2	46+58	STH 35 RT	12
2	47+01	STH 35 RT	12
2	52+39	STH 35 RT	20
2	52+63	STH 35 LT	25
2	53+05	STH 35 LT	20
2	53+10	STH 35 LT	20
2	53+11	STH 35 RT	15
2	53+21	STH 35 RT	8
2	53+58	STH 35 LT	30
2	55+75	STH 35 RT	15
2	56+29	STH 35 RT	15
2	59+41	STH 35 RT	15
2	59+96	STH 35 RT	15
2	63+63	STH 35 RT	15
2	64+16	STH 35 RT	15
2	67+00	STH 35	40
2	67+28	STH 35 RT	15
3	16+52	STH 35 RT	10
3	16+79	STH 35 RT	10
3	17+52	STH 35 RT	10
3	17+83	STH 35 RT	10
3	17+83	STH 35 LT	10
3	23+51	STH 35 RT	15
3	24+42	STH 35 RT	15
3	32+35	STH 35 RT	15
3	32+99	STH 35 RT	15
3	39+42	STH 35 LT	25
3	40+09	STH 35 LT	25
3	44+09	STH 35 LT	24
3	44+52	STH 35 LT	24
	PROJECT TOTALS =		**699**

CONCRETE SAFETY ISLANDS

STAGE	STATION	TO	STATION	LOCATION	602.2400 SF	REMARKS
1	66+89	-	67+11	STH 35	250	MEDIAN ISLAND - COLORED - SEE CSD PLANS
1	81+37	-	83+08	STH 35	1,431	MEDIAN ISLAND - COLORED - SEE CSD PLANS
1	12+63 MN	-	13+18 MN	MOONEY ST	235	MEDIAN ISLAND - COLORED - SEE CSD PLANS
2	46+13	-	46+37	STH 35	276	MEDIAN ISLAND - COLORED - SEE CSD PLANS
2	49+76	-	52+86	STH 35	2,206	MEDIAN ISLAND - COLORED - SEE CSD PLANS
2	53+20	-	53+79	STH 35 RT	273	MEDIAN ISLAND - COLORED - SEE CSD PLANS
2	10+63 PA	-	11+15 PA	PARRISH ST	104	MEDIAN ISLAND - COLORED - SEE CSD PLANS
2	11+52 PA	-	12+35 PA	PARRISH ST	392	MEDIAN ISLAND - COLORED - SEE CSD PLANS
3	8+15	-	11+67	STH 35 RT	1,569	MEDIAN ISLAND - COLORED - SEE CSD PLANS
3	14+95	-	16+58	STH 35 RT	564	MEDIAN ISLAND - COLORED - SEE CSD PLANS
3	17+86	-	18+78	STH 35 LT	237	MEDIAN ISLAND - COLORED - SEE CSD PLANS
3	17+72	-	19+27	STH 35 RT	650	MEDIAN ISLAND - COLORED - SEE CSD PLANS
			PROJECT TOTALS =		**8,187**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

STORM SEWER PIPES

FROM	-	TO	LOCATION	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH 608.0312 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH 608.0318 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH 608.0324 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 27-INCH 608.0327 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH 608.0330 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH 608.0336 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH 608.0342 LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH 608.2414 LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH 608.2424 LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
1.0	-	2.0	STH35	-	-	-	400	-	-	-	-	-	633.17	632.24	0.0023
1.A	-	1.1	STH35	53	-	-	-	-	-	-	-	-	633.98	633.82	0.0030
1.1	-	1.2	STH35	38	-	-	-	-	-	-	-	-	633.80	633.63	0.0045
1.2	-	1.0	STH35	-	-	-	-	-	-	-	43	-	633.48	633.17	0.0074
1.3	-	1.0	STH35	-	-	-	-	-	-	-	12	-	633.56	633.44	0.0106
2.0	-	3.0	STH35	-	-	-	350	-	-	-	-	-	632.24	631.44	0.0023
2.1	-	2.0	STH35	-	43	-	-	-	-	-	-	-	634.80	634.65	0.0035
2.2	-	2.0	STH35	11	-	-	-	-	-	-	-	-	635.50	635.38	0.0111
3.0	-	4.0	STH35	-	-	-	-	368	-	-	-	-	631.19	630.06	0.0031
3.1	-	3.0	STH35	43	-	-	-	-	-	-	-	-	636.88	636.67	0.0050
3.2	-	3.0	STH35	11	-	-	-	-	-	-	-	-	636.58	636.00	0.0521
4.0	-	5.0	STH35	-	-	-	-	-	-	20	-	-	630.06	629.91	0.0077
4.A	-	4.0	STH35	-	-	-	-	-	86	-	-	-	635.00	633.00	0.0233
4.1	-	4.2	STH35	54	-	-	-	-	-	-	-	-	637.60	637.30	0.0056
4.2	-	4.A	STH35	-	15	-	-	-	-	-	-	-	637.30	637.25	0.0030
4.3	-	4.A	STH35	-	21	-	-	-	-	-	-	-	637.58	637.52	0.0030
4.4	-	4.3	STH35	-	34	-	-	-	-	-	-	-	638.37	637.58	0.0230
5.1	-	5.0	STH35	36	-	-	-	-	-	-	-	-	637.86	637.00	0.0237
6.0	-	4.0	STH35	-	-	-	-	-	399	-	-	-	636.12	634.13	0.0050
6.1	-	6.2	STH35	31	-	-	-	-	-	-	-	-	639.66	639.56	0.0030
6.2	-	6.3	STH35	34	-	-	-	-	-	-	-	-	639.56	639.46	0.0030
6.3	-	6.0	STH35	-	44	-	-	-	-	-	-	-	639.46	639.33	0.0030
6.4	-	6.0	STH35	11	-	-	-	-	-	-	-	-	640.56	640.44	0.0107
7.0	-	6.0	STH35	-	-	-	-	-	395	-	-	-	637.54	636.12	0.0036
7.1	-	7.2	STH35	24	-	-	-	-	-	-	-	-	641.16	640.95	0.0087
7.2	-	7.0	STH35	-	67	-	-	-	-	-	-	-	639.64	639.00	0.0096
7.3	-	7.2	STH35	6	-	-	-	-	-	-	-	-	641.07	640.98	0.0143
8.0	-	7.0	STH35	-	-	-	-	-	323	-	-	-	638.53	637.54	0.0031
8.1	-	8.2	STH35	-	76	-	-	-	-	-	-	-	640.80	640.50	0.0040
8.2	-	8.0	STH35	-	43	-	-	-	-	-	-	-	640.50	640.36	0.0032
8.3	-	8.0	STH35	-	11	-	-	-	-	-	-	-	640.77	640.64	0.0119
9.0	-	8.0	STH35	-	-	-	-	266	-	-	-	-	640.20	639.03	0.0044
9.1	-	9.0	STH35	-	15	-	-	-	-	-	-	-	641.63	641.46	0.0111
10.0	-	9.0	STH35	-	-	-	-	124	-	-	-	-	640.69	640.20	0.0040
10.A	-	10.0	STH35	-	-	-	-	156	-	-	-	-	641.67	640.69	0.0063
10.1	-	10.2	STH35	73	-	-	-	-	-	-	-	-	641.94	641.72	0.0029
10.2	-	10.0	STH35	-	29	-	-	-	-	-	-	-	641.72	641.61	0.0038
10.3	-	10.4	STH35	65	-	-	-	-	-	-	-	-	643.46	642.52	0.0144
10.4	-	10.0	STH35	-	29	-	-	-	-	-	-	-	641.89	641.72	0.0059
11.0	-	10.A	STH35	-	-	-	-	179	-	-	-	-	642.80	641.67	0.0063
11.1	-	11.0	STH35	15	-	-	-	-	-	-	-	-	646.02	645.97	0.0030
12.0	-	11.0	STH35	-	-	96	-	-	-	-	-	-	645.03	643.30	0.0181
12.1	-	12.0	STH35	43	-	-	-	-	-	-	-	-	647.52	647.00	0.0120
13.0	-	12.0	STH35	-	-	173	-	-	-	-	-	-	648.16	645.03	0.0181
13.1	-	13.2	STH35	66	-	-	-	-	-	-	-	-	648.43	648.24	0.0030
13.2	-	13.0	STH35	27	-	-	-	-	-	-	-	-	648.24	648.16	0.0030
13.3	-	13.0	STH35	46	-	-	-	-	-	-	-	-	649.95	649.36	0.0130
13.4	-	13.0	STH35	43	-	-	-	-	-	-	-	-	649.43	649.30	0.0030
14.0	-	15.0	STH35	-	-	240	-	-	-	-	-	-	649.53	648.81	0.0030
14.1	-	14.2	STH35	26	-	-	-	-	-	-	-	-	650.55	650.47	0.0030
14.2	-	14.3	STH35	33	-	-	-	-	-	-	-	-	650.47	650.37	0.0030
14.3	-	14.0	STH35	-	43	-	-	-	-	-	-	-	650.37	650.24	0.0030
15.0	-	16.0	STH35	-	-	227	-	-	-	-	-	-	648.81	648.13	0.0030
			SUBTOTAL 1 =	789	470	736	750	1,093	1,203	20	55	0			

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

STORM SEWER PIPES (CONTINUED)

FROM	TO	LOCATION	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH 608.0312 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH 608.0318 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH 608.0324 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 27-INCH 608.0327 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH 608.0330 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH 608.0336 LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH 608.0342 LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH 608.2414 LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH 608.2424 LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
15.1	15.0	STH35	49	-	-	-	-	-	-	-	-	651.10	650.50	0.0124
15.2	15.0	STH35	31	-	-	-	-	-	-	-	-	650.75	650.62	0.0043
16.0	17.0	STH35	-	-	302	-	-	-	-	-	-	648.13	647.22	0.0030
16.1	16.0	STH35	15	-	-	-	-	-	-	-	-	649.98	649.94	0.0030
16.2	16.3	STH35	-	100	-	-	-	-	-	-	-	649.83	648.53	0.0130
16.3	16.0	STH35	-	43	-	-	-	-	-	-	-	648.53	648.40	0.0030
17.0	18.0	STH35	-	-	325	-	-	-	-	-	-	647.22	646.25	0.0030
17.1	17.0	STH35	15	-	-	-	-	-	-	-	-	648.81	648.77	0.0030
17.2	17.0	STH35	-	43	-	-	-	-	-	-	-	648.27	648.14	0.0030
18.0	19.0	STH35	-	-	-	-	-	-	-	-	112	646.25	645.91	0.0030
18.A	18.2	STH35	35	-	-	-	-	-	-	-	-	646.60	646.38	0.0063
18.1	18.A	STH35	38	-	-	-	-	-	-	-	-	647.26	646.60	0.0173
18.2	18.0	STH35	-	45	-	-	-	-	-	-	-	646.38	646.25	0.0030
18.3	18.0	STH35	-	43	-	-	-	-	-	-	-	646.86	646.73	0.0030
19.0	20.0	STH35	-	-	-	-	-	-	-	-	143	645.91	645.48	0.0030
19.1	19.0	STH35	-	43	-	-	-	-	-	-	-	646.52	646.39	0.0030
20.0	20.A	STH35	-	-	-	-	-	-	-	-	143	645.48	645.05	0.0030
20.1	20.0	STH35	15	-	-	-	-	-	-	-	-	645.93	645.88	0.0030
20.2	20.0	STH35	-	-	-	-	-	-	-	43	-	645.70	645.48	0.0050
20.A	21.0	STH35	-	-	-	-	-	-	-	-	206	645.05	644.42	0.0030
20.B	20.A	STH35	-	-	-	-	-	-	-	15	-	645.10	645.05	0.0035
20.C	20.A	STH35	-	-	-	-	-	-	-	43	-	645.20	645.05	0.0035
21.0	22.0	STH35	-	-	-	-	-	-	-	-	29	644.42	644.34	0.0030
21.1	21.0	STH35	-	-	-	-	-	-	-	15	-	644.47	644.42	0.0031
21.2	21.0	STH35	-	-	-	-	-	-	-	43	-	644.55	644.42	0.0030
22.0	23.0	STH35	-	-	-	-	-	-	-	-	324	644.34	643.37	0.0030
22.1	22.0	STH35	-	-	-	-	-	-	-	21	-	644.40	644.34	0.0032
22.2	22.0	STH35	-	-	-	-	-	-	-	46	-	644.46	644.34	0.0027
23.0	24.0	STH35	-	-	-	-	-	193	-	-	-	643.37	642.80	0.0030
23.1	23.2	STH35	-	81	-	-	-	-	-	-	-	644.83	644.59	0.0030
23.2	23.0	STH35	-	18	-	-	-	-	-	-	-	644.59	644.48	0.0061
23.3	23.0	STH35	54	-	-	-	-	-	-	-	-	645.51	645.35	0.0030
24.0	25.0	STH35	-	-	-	-	-	142	-	-	-	642.80	642.37	0.0030
24.1	24.0	STH35	15	-	-	-	-	-	-	-	-	645.79	645.75	0.0030
24.2	24.0	STH35	43	-	-	-	-	-	-	-	-	645.79	645.67	0.0030
25.0	26.0	STH35	-	-	-	-	-	132	-	-	-	642.37	641.98	0.0030
25.1	25.0	STH35	-	12	-	-	-	-	-	-	-	645.00	644.84	0.0135
25.2	25.0	STH35	-	51	-	-	-	-	-	-	-	645.00	644.50	0.0099
26.0	27.0	STH35	-	-	-	-	-	-	125	-	-	641.98	641.64	0.0027
26.1	26.0	STH35	14	-	-	-	-	-	-	-	-	646.00	645.49	0.0365
27.1	27.0	STH35	28	-	-	-	-	-	-	-	-	645.67	645.58	0.0030
27.2	27.1	STH35	15	-	-	-	-	-	-	-	-	645.71	645.67	0.0030
27.3	27.2	STH35	77	-	-	-	-	-	-	-	-	645.94	645.71	0.0030
27.4	27.3	STH35	13	-	-	-	-	-	-	-	-	646.10	645.94	0.0130
71.0	77.B	STH35	35	-	-	-	-	-	-	-	-	631.83	629.73	0.0609
71.1	71.2	STH35	10	-	-	-	-	-	-	-	-	633.93	633.33	0.0574
71.2	71.0	STH35	27	-	-	-	-	-	-	-	-	633.33	631.83	0.0558
71.3	71.4	STH35	14	-	-	-	-	-	-	-	-	632.96	632.70	0.0195
71.4	71.0	STH35	24	-	-	-	-	-	-	-	-	632.70	632.00	0.0286
75.5	75.6	STH35	-	12	-	-	-	-	-	-	-	630.62	630.56	0.0052
75.6	75.9	STH35	-	24	-	-	-	-	-	-	-	630.56	630.18	0.0159
75.8	75.9	STH35	-	71	-	-	-	-	-	-	-	631.23	630.18	0.0148
75.9	77.B	STH35	-	-	117	-	-	-	-	-	-	629.68	628.80	0.0075
76.1	75.8	STH35	-	76	-	-	-	-	-	-	-	633.54	633.31	0.0030
		SUBTOTAL 2 =	567	662	744	0	0	467	125	226	957			
		SUBTOTAL 1 =	789	470	736	750	1,093	1,203	20	55	0			
		PROJECT TOTALS =	**1,356**	**1,132**	**1,480**	**750**	**1,093**	**1,670**	**145**	**281**	**957**			

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

****ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

3

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	RECONSTRUCTING MANHOLES 611.0420 EACH	RECONSTRUCTING INLETS 611.0430 EACH	**** MANHOLE COVERS TYPE J 611.0530 EACH	COVERS TYPE B-A 611.0609 EACH	**** COVERS TYPE H 611.0624 EACH	COVERS TYPE Z 611.0666 EACH	**** MANHOLES 4-FT DIAMETER 611.2004 EACH	**** MANHOLES 5-FT DIAMETER 611.2005 EACH	MANHOLES 6-FT DIAMETER 611.2006 EACH	MANHOLES 8-FT DIAMETER 611.2008 EACH	INLETS 3-FT DIAMETER 611.3003 EACH	**** INLETS 4-FT DIAMETER 611.3004 EACH	**** INLETS 2x3-FT 611.3230 EACH	ADJUSTING MANHOLE COVERS 611.8110 EACH	COVER PLATES TEMPORARY 611.8120.S EACH	**** STAKING STORM SEWER 650.4000 EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
1.0	78+75	13.8' LT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	637.85	633.17	3.88
1.1	79+13	29.7' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	637.39	633.80	2.76
1.2	78+75	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	637.56	633.48	3.28
1.3	78+75	25.3' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	637.62	633.56	3.26
1.A	79+65	43' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	637.47	633.98	2.66
2.0	74+75	14.4' LT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	639.38	632.24	6.17
2.1	74+75	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	639.10	634.80	3.51
2.2	74+75	25' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	639.18	635.50	2.85
3.0	71+25	13.8' LT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	640.85	631.19	8.71
3.1	71+25	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	640.57	636.88	2.85
3.2	71+26	25' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	640.64	636.58	3.23
4.0	67+58	14' LT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	642.41	630.06	11.41
4.1	68+03	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	641.91	637.60	3.48
4.2	67+72	73' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	642.33	637.30	4.23
4.3	67+43	57.2' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	642.03	637.58	3.77
4.4	67+22	30.1' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	642.25	638.37	3.12
4.A	67+57	71.8' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	642.70	635.00	6.79
5.0	67+58	33.5' LT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	642.80	629.91	11.99
5.1	67+23	25' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	642.38	637.86	3.69
6.0	63+58	14' LT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	644.41	636.12	7.40
6.1	64+05	50.5' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	643.34	639.66	2.85
6.2	63+74	52' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	643.47	639.56	2.99
6.3	63+49	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	644.17	639.46	3.87
6.4	63+59	25' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	644.20	640.56	2.81
7.0	59+64	14' LT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	645.91	637.54	7.46
7.1	59+85	53.9' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	645.11	641.16	3.11
7.2	59+59	52.8' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	644.99	639.64	4.33
7.3	59+52	53.5' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	644.89	641.07	2.98
8.0	56+41	14.1' LT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	645.29	638.53	5.93
8.1	55+62	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	645.02	640.80	3.43
8.2	56+38	29.3' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	645.01	640.50	3.72
8.3	56+42	25' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	645.09	640.77	3.70
9.0	53+77	14' LT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	646.28	640.20	5.13
9.1	53+75	0.8' RT	STH35	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	1	646.02	641.63	3.51
10.0	52+56	14.4' RT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	646.32	640.69	4.67
10.1	53+30	28.9' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	645.61	641.94	2.85
10.2	52+57	43.4' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	645.77	641.72	3.26
10.3	52+99	67.7' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	647.87	643.46	3.61
10.4	52+72	9.1' LT	STH35	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	1	646.72	641.89	4.03
10.A	50+98	29.1' RT	STH35	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	1	647.32	641.67	4.70
11.0	49+15	14' RT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	649.91	642.80	6.16
11.1	49+17	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.61	646.02	2.76
12.0	48+19	14.4' RT	STH35	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	1	651.15	645.03	5.13
12.1	48+19	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	651.17	647.52	2.82
13.0	46+46	14' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	653.40	648.16	4.17
13.1	47+23	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	652.12	648.43	2.86
13.2	46+58	38.1' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	652.84	648.24	3.77
13.3	46+03	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	653.64	649.95	2.85
13.4	46+46	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	653.12	649.43	2.85
14.0	43+92	14' RT	STH35	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	1	655.32	649.53	4.80
14.1	44+42	51.1' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	654.23	650.55	2.85
14.2	44+16	51' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	654.26	650.47	2.95
14.3	43+92	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	655.03	650.37	3.83
15.0	41+52	14' RT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	654.83	648.81	5.03
			SUBTOTAL 1 =	0	0	17	0	35	2	2	6	4	6	0	16	20	0	54	54			

REMARKS

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

** FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6 -INCH ADJUSTMENT RING HEIGHT

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

****ADDITIONAL QUANTITY SHOWN ELSEWHERE

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE	STATION	OFFSET*	LOCATION	RECONSTRUCTING MANHOLES 611.0420 EACH	RECONSTRUCTING INLETS 611.0430 EACH	**** MANHOLE COVERS TYPE J 611.0530 EACH	INLET COVERS TYPE B-A 611.0609 EACH	**** INLET COVERS TYPE H 611.0624 EACH	INLET COVERS TYPE Z 611.0666 EACH	**** MANHOLES 4-FT DIAMETER 611.2004 EACH	**** MANHOLES 5-FT DIAMETER 611.2005 EACH	MANHOLES 6-FT DIAMETER 611.2006 EACH	MANHOLES 8-FT DIAMETER 611.2008 EACH	INLETS 3-FT DIAMETER 611.3003 EACH	**** INLETS 4-FT DIAMETER 611.3004 EACH	**** INLETS 2x3-FT 611.3230 EACH	ADJUSTING MANHOLE COVERS 611.8110 EACH	COVER PLATES TEMPORARY 611.8120.S EACH	**** CONSTRUCTION STAKING STORM SEWER 650.4000 EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
15.1	41+68	60' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	654.20	651.10	3.63
15.2	41+25	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	654.44	650.75	2.85
16.0	39+25	14' RT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	653.95	648.13	4.83
16.1	39+25	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	653.67	649.98	2.85
16.2	40+25	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	654.06	649.83	3.44
16.3	39+25	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	653.67	648.53	4.35
17.0	36+23	14' RT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	652.78	647.22	4.57
17.1	36+23	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	652.50	648.81	2.85
17.2	36+23	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	652.50	648.27	3.44
18.0	32+98	14' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	651.34	646.25	4.75
18.1	32+22	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	650.61	647.26	2.52
18.2	32+84	56.8' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	650.46	646.38	3.27
18.3	33+03	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	651.09	646.86	3.43
18.A	32+50	55.3' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	650.35	646.60	2.91
19.0	31+86	14.1' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	650.71	645.91	4.45
19.1	31+84	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	650.35	646.52	3.04
20.0	30+43	14' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	649.89	645.48	4.07
20.1	30+43	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.61	645.93	2.85
20.2	30+42	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.61	645.70	3.52
20.A	29+00	14' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	649.09	645.05	3.69
20.B	29+01	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	648.81	645.10	3.21
20.C	28+99	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	648.80	645.20	3.10
21.0	26+94	14' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	648.30	644.42	3.53
21.1	26+94	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	647.95	644.47	3.09
21.2	26+94	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	647.95	644.55	3.01
22.0	26+65	14' RT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	648.30	644.34	3.62
22.1	26+80	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	648.01	644.40	3.21
22.2	26+80	29.3' LT	STH35	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	1	647.99	644.46	2.80
23.0	23+41	14.1' RT	STH35	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	649.60	643.37	5.88
23.1	24+27	45.3' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.06	644.83	3.43
23.2	23+47	30.9' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.20	644.59	3.81
23.3	23+73	29' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.19	645.51	2.85
24.0	21+48	14.1' RT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	649.76	642.80	6.06
24.1	21+48	29' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.48	645.79	2.85
24.2	21+48	29.1' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.47	645.79	2.84
25.0	20+06	17.2' RT	STH35	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	649.44	642.37	6.16
25.1	20+06	29.1' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.22	645.00	3.43
25.2	20+04	33.3' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	649.13	645.00	3.34
26.0	18+75	21.2' RT	STH35	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	1	649.58	641.98	6.69
26.1	18+74	7.1' RT	STH35	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	1	649.90	646.00	2.98
27.0	17+50	18.3' RT	STH35	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	649.96	641.64	7.82
27.1	17+62	44.2' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.44	645.67	3.27
27.2	17+52	55.4' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.40	645.71	3.19
27.3	16+75	54.6 RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.39	645.94	2.95
27.4	16+66	45.8' RT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	649.45	646.10	2.85
71.0	82+50	0.1' LT	STH35	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	639.14	631.83	6.04
71.1	82+87	4.5' LT	STH35	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	638.60	633.93	3.76
71.2	82+77	4.6' LT	STH35	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	638.64	633.33	4.39
71.3	82+13	5.7' LT	STH35	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	1	638.47	632.96	4.59
71.4	82+26	5.4' LT	STH35	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	1	638.54	632.70	4.92
75.5	81+42	4.3' RT	STH35	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	638.11	630.62	6.62
75.6	81+41	7.2' LT	STH35	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	1	638.01	630.56	6.58
75.8	80+70	31.4' LT	STH35	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	637.43	631.23	5.41
75.9	81+40	31' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	1	637.56	629.68	7.13
76.1	79+95	31' LT	STH35	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	1	637.40	633.54	3.07
77.A	82+66	44.9' LT	STH35	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	639.48	-	-
77.B	82+55	34.1' LT	STH35	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	639.11	626.73	11.49
			SUBTOTAL 2 =	3	4	12	1	32	4	0	4	6	2	4	17	16	1	57	57			
			SUBTOTAL 1 =	0	0	17	0	35	2	2	6	4	6	0	16	20	0	54	54			
			PROJECT TOTALS =	**3**	**4**	**29**	**1**	**67**	**6**	**2**	**10**	**10**	**8**	**4**	**33**	**36**	**1**	**111**	**111**			

REMARKS

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

** FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6 -INCH ADJUSTMENT RING HEIGHT

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

ADJUSTING INLET COVERS

STAGE	STATION	OFFSET	LOCATION	611.8115 EACH
2	9+94 PA	16.2' RT	PARRISH ST	1
2	9+97 PA	16.3' LT	PARRISH ST	1
		PROJECT TOTALS =		**2**

CONCRETE CORRUGATED MEDIAN

STAGE	STATION	TO	STATION	LOCATION	620.0100 SF	REMARKS
2	53+85	-	54+46	STH 35	704	MEDIAN
3	19+26	-	20+94	STH 35	2,003	MEDIAN
			PROJECT TOTALS =		**2,707**	

CONCRETE MEDIAN SLOPED NOSE

STAGE	STATION	TO	STATION	LOCATION	620.0300 SF	REMARKS
1	81+31	-	81+37	STH 35	68	TYPE 1
1	12+61 MN	-	12+64 MN	MOONEY ST	11	TYPE 2
2	52+81	-	52+87	STH 35 LT	44	TYPE 1
2	53+18	-	53+25	STH 35 RT	46	TYPE 1
2	53+79	-	53+84	STH 35	49	TYPE 1
2	10+61 PA	-	10+63 PA	PARRISH ST	10	TYPE 2
2	11+15 PA	-	11+17 PA	PARRISH ST	10	TYPE 2
2	11+50 PA	-	11+52 PA	PARRISH ST	10	TYPE 2
3	14+95	-	15+02	STH 35 RT	41	TYPE 1
3	16+42	-	16+49	STH 35 RT	41	TYPE 1
3	17+86	-	17+92	STH 35 RT	46	TYPE 1
3	17+86	-	17+92	STH 35 LT	36	TYPE 1
3	18+71	-	18+78	STH 35 LT	36	TYPE 1
3	19+22	-	19+29	STH 35 RT	46	TYPE 1
			PROJECT TOTALS =		**494**	

WATER

STATION	TO	STATION	LOCATION	*** 624.0100 MGAL	REMARKS
17+42	-	83+00	STH 35	357	COMPACTION
17+42	-	83+00	STH 35	100	DUST CONTROL
		PROJECT TOTALS =		**457**	

EROSION CONTROL SUMMARY

STAGE	STATION	TO	STATION	LOCATION	TOPSOIL 625.0100 SY	MULCHING 627.0200 SY	*** EROSION MAT URBAN CLASS I TYPE A 628.2006 SY	*** FERTILIZER TYPE B 629.0210 CWT	*** SEEDING MIXTURE NO. 40 630.0140 LB	SEEDING TEMPORARY 630.0200 LB
1	67+50	-	86+00	STH 35	2,157	-	2,157	1.4	39	-
2	45+00	-	67+50	STH 35	3,165	-	3,165	2.0	57	-
3	17+00	-	45+00	STH 35	4,985	-	4,985	3.1	90	-
				WASTE AREA	-	2,500	-	1.4	40	40
				UNDISTRIBUTED	513	125	513	0.4	14	10
			PROJECT TOTALS =		**10,820**	**2,625**	**10,820**	**8.3**	**240**	**50**

SILT FENCE SUMMARY

STAGE	STATION	TO	STATION	LOCATION	SILT FENCE 628.1504 LF	SILT FENCE MAINTENANCE 628.1520 LF	REMARKS
1	67+50	-	86+00	STH 35	1,485	1,485	
2	45+00	-	67+50	STH 35	1,435	1,435	
3	17+00	-	45+00	STH 35	-	-	
				UNDISTRIBUTED (25%)	730	730	
			PROJECT TOTALS =		**3,650**	**3,650**	

MOBILIZATIONS FOR EROSION CONTROL

STATION	TO	STATION	LOCATION	MOBILIZATIONS EROSION CONTROL 628.1905 EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL 628.1910 EACH
17+42	-	83+00	STH 35	10	5
		PROJECT TOTALS =		**10**	**5**

INLET PROTECTION

STAGE	STATION	TO	STATION	LOCATION	INLET PROTECTION TYPE B 628.7010 EACH	*** INLET PROTECTION TYPE C 628.7015 EACH
1	67+50	-	86+00	STH 35	-	36
2	45+00	-	67+50	STH 35	-	34
3	17+00	-	45+00	STH 35	1	73
			PROJECT TOTALS =		**1**	**143**

TRACKING PADS

STATION	TO	STATION	LOCATION	628.7560 EACH	REMARKS
6+75	-	88+50	STH 35	6	2 PER STAGE
		PROJECT TOTALS =		**6**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

SIGN AND POSTS SUMMARY

STAGE	SIGN NO.	STATION	LOCATION	SIZE IN X IN	SIGN CODE	DESCRIPTION	POSTS WOOD 4X6-INCH X 14-FT 634.0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634.0616 EACH	SIGNS TYPE II REFLECTIVE H 637.2210 SF	SIGNS TYPE II REFLECTIVE F 637.2230 SF	MOVING SIGNS TYPE II 638.2102 EACH	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	MOVING SMALL SIGN SUPPORTS 638.4000 EACH	REMARKS
3	001	8+11	STH 35 RT	30 X 30	R3-7-L	LEFT LANE MUST TURN LEFT	-	-	6.25	-	-	-	-	-	BAND TO EXISTING LIGHT POLE
3	002	9+63	STH 35 LT	24 X 81	JV-1	WEST/USH 18/STH 60/LEFT AHEAD ARROW	-	-	13.50	-	-	-	-	-	BAND TO EXISTING LIGHT POLE
3	003	9+00	STH 35 RT	42 X 48	R3-5-L	LEFT ONLY LANE CONTROL SYMBOL	-	-	14.00	-	-	-	-	-	
3	004	9+00	STH 35 RT	42 X 48	R3-6-R	RIGHT AND AHEAD LANE CONTROL SYMBOL	-	-	14.00	-	-	-	-	-	
3	005	11+02	STH 35 RT		D1-3	LYNXVILLE & LA CROSSE AHEAD/ MARQUETTE LEFT	-	-	-	-	1	-	-	2	EXISTING SIGN MOVED FROM STA 12+90
3	006	11+09	STH 35 LT	30 X 30	R3-7-L	LEFT LANE MUST TURN LEFT	-	-	6.25	-	-	-	-	-	BAND TO EXISTING LIGHT POLE
3	101	12+50	STH 35 RT	42 X 48	R3-5-L	LEFT ONLY LANE CONTROL SYMBOL	-	-	14.00	-	-	-	-	-	
3	102	12+50	STH 35 RT	42 X 48	R3-6-R	RIGHT AND AHEAD LANE CONTROL SYMBOL	-	-	14.00	-	-	-	-	-	
3	103	12+36	STH 35 LT	24 X 81	JV-1	WEST/USH 18/STH 60/LEFT ARROW	-	-	13.50	-	-	-	-	-	BAND TO EXISTING LIGHT POLE
3	104	15+01	STH 35 RT	24 X 24	W12-1D	DOUBLE DIAGONAL ARROW	-	1	-	4.00	-	-	-	-	
3	105	17+78	STH 35 RT	24 X 30	R4-7	KEEP RIGHT	1	-	5.00	-	-	1	1	-	
3	106	12+50	STH 35 RT		J2-2	NORTH/STH 35/AHEAD ARROW; NORTH/GREAT RIVER RD/AHEAD ARROW	-	-	-	-	1	-	1	-	EXISTING SIGN MOVED FROM STA 11+20; BAND TO SIGN STRUCTURE
3	107	12+56	STH 35 RT		R1-1	STOP	-	-	-	-	1	-	-	1	MOVE AND REPLACE IN SIMILAR LOCATION
3	108	12+60	STH 35 RT	24 X 30	R6-2-R	ONE WAY RIGHT	1	-	5.00	-	-	-	-	-	
3	109	16+46	STH 35 RT	30 X 30	R5-1	DO NOT ENTER	-	-	-	-	1	-	-	1	
3	110	17+61	STH 35 RT			DO NOT ENTER/STOP	-	-	-	-	2	-	-	1	
3	111	17+85	STH 35 LT			DO NOT ENTER/STOP	-	-	-	-	2	-	-	1	
3	112	17+18	STH 35 RT	24 X 30	R4-7	KEEP RIGHT	-	-	-	-	-	1	1	-	
3	201	18+71	STH 35 RT	24 X 36	J4-2	NORTH/STH 35	-	1	6.00	-	-	1	1	-	
3	202	18+72	STH 35 LT	24 X 24	W12-1D	DOUBLE DIAGONAL ARROW	-	1	-	4.00	-	-	-	-	
3	203	19+26	STH 35 RT			KEEP RIGHT	-	-	-	-	-	1	1	-	
3	204	19+44	STH 35 LT	48 X 57	J3-2	SOUTH/STH 35/STRAIGHT ARROW; SOUTH/GREAT RIVER RD/STRAIGHT ARROW	-	1	19.00	-	-	1	1	-	
3	205	20+02	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	1	1	-	
3	206	20+69	STH 35 LT	78 X 36	D1-3	BRIDGEPORT/MADISON STRAIGHT; MARQUETTE RIGHT	-	2	19.50	-	-	1	1	-	SPECIAL SIGN DETAIL
3	207	21+20	STH 35 RT	24 X 36	R3-9-B & C	CENTER LANE TWLTL ONLY AND BEGIN	-	1	6.00	-	-	-	-	-	
3	208	21+39	STH 35 LT	54 x 30	R3-8-M	LEFT ONLY/STRAIGHT ONLY/RIGHT OR STRAIGHT ARROW	1	-	11.25	-	-	-	-	-	
3	209	21+82	STH 35 LT	24 X 42	R3-9-B & D	CENTER LANE TWLTL ONLY AND END	-	1	7.00	-	-	-	-	-	
3	210	22+35	STH 35 LT	36 X 36	W3-3	TRAFFIC SIGNAL AHEAD	-	1	-	9.00	-	1	1	-	
3	211	23+22	STH 35 LT	48 X 57	J3-2	EAST/USH 18/STRAIGHT ARROW; EAST/STH 60/STRAIGHT ARROW	-	1	19.00	-	-	1	1	-	
3	212	19+68	STH 35 LT	24 X 30	R6-2-R	ONE WAY	1	-	5.00	-	-	-	-	-	
3	213	19+25	STH 35 RT	24 X 36	R3-20-L	BEGIN LEFT TURN LANE W/ARROW	-	1	6.00	-	-	-	-	-	
3	214	19+23	STH 35 RT	30 X 30	R5-1	DO NOT ENTER	1	-	6.25	-	-	-	-	-	
3	215	21+08	STH 35 RT	24 X 30	R6-2-R	ONE WAY	1	-	5.00	-	-	-	-	-	
3	216	22+88	STH 35 RT	24 x 60	JV-1	NORTH/GREAT RIVER ROAD	-	1	10.00	-	-	-	-	-	
3	301	24+23	STH 35 LT	48 X 57	J2-2	WEST/USH 18/RIGHT AHEAD ARROW; WEST/STH 60/RIGHT AHEAD ARROW	-	1	19.00	-	-	1	1	-	
3	302	24+31	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
3	303	25+54	STH 35 LT	48 X 39	J1-2	JCT/USH 18; JCT/STH 60	1	-	13.00	-	-	1	1	-	
3	304	25+27	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	-	-	-	
3	305	27+25	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	-	-	-	
3	401	31+51	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 35 MPH	-	-	-	-	-	1	1	-	
3	402	32+93	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
3	403	32+39	STH 35 RT	36 X 36	W3-1	STOP AHEAD	-	1	9.00	-	-	-	-	-	
3	404	34+03	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	-	-	-	
3	501	39+52	STH 35 LT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
3	502	40+14	STH 35 LT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
3	503	35+12	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	-	-	-	
3	601	42+35	STH 35 RT			STOP	-	-	-	-	-	1	1	-	
3	602	42+56		36 X 36	W3-5	REDUCE SPEED AHEAD	-	-	-	-	-	1	1	-	
3	603	44+09	STH 35 LT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
2	604	46+38	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	-	-	-	-	-	1	1	-	
2	605	46+45	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 35 MPH	-	-	-	-	-	1	1	-	
2	606A	46+12	STH 35 RT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	606B	46+12	STH 35 RT	24 X 12	W16-7L	DIAGONAL ARROW LEFT	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 606A
2	606C	46+12	STH 35 RT	9 X 12	R10-25	PUSH BUTTON TO TURN ON WARNING LIGHTS	-	-	0.75	-	-	-	-	-	MOUNT WITH SIGN 606A AND 606B
						SUBTOTAL 1 =	17	14	318.15	25.25	8	21	22	6	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

SIGN AND POSTS SUMMARY (CONTINUED)

	SIGN NO.	STATION	LOCATION	SIZE IN X IN	SIGN CODE	DESCRIPTION	POSTS WOOD 4X6-INCH X 14-FT 634.0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634.0616 EACH	SIGNS TYPE II REFLECTIVE H 637.2210 SF	SIGNS TYPE II REFLECTIVE F 637.2230 SF	MOVING SIGNS TYPE II 638.2102 EACH	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	MOVING SMALL SIGN SUPPORTS 638.4000 EACH	REMARKS
2	607A	46+16	STH 35 LT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	607B	46+16	STH 35 LT	24 X 12	W16-7R	DIAGONAL ARROW RIGHT	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 607A
2	607C	46+16	STH 35 LT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	607D	46+16	STH 35 LT	24 X 12	W16-7R	DIAGONAL ARROW RIGHT	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 607C
2	608A	46+35	STH 35 LT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	608B	46+35	STH 35 LT	24 X 12	W16-7L	DIAGONAL ARROW LEFT	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 608A
2	608C	46+35	STH 35 LT	9 X 12	R10-25	PUSH BUTTON TO TURN ON WARNING LIGHTS	-	-	0.75	-	-	-	-	-	MOUNT WITH SIGN 608A AND 608B
2	609	43+28	STH 35 LT	36 X 36	W3-1	STOP AHEAD	-	1	-	9.00	-	-	-	-	
2	610A	43+25	STH 35 RT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
2	610B	43+25	STH 35 RT	24 X 8	W16-9P	AHEAD	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 610 A
2	611	41+71	STH 35 RT	18 X 18	W5-56		1	-	-	2.25	-	-	-	-	
2		41+71	STH 35 RT	18 X 18	W5-56		1	-	-	2.25	-	-	-	-	
2		41+71	STH 35 RT	18 X 18	W5-56		1	-	-	2.25	-	-	-	-	
2	612	44+70	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
2	613	44+73	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 35 MPH	1	-	5.00	-	-	-	-	-	
2	614	42+91	STH 35 LT	24 X 60	JV-1	NORTH/GREAT RIVER ROAD	-	1	10.00	-	-	-	-	-	
2	701	47+01	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
2	702	47+78	STH 35 RT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
2	703A	49+43	STH 35 LT	30 X 30	W11-15	BICYCLE/PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
2	703B	49+43	STH 35 LT	24 X 8	W16-9P	AHEAD	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 703A
2	704	48+55	STH 35 RT	36 X 36	W10-3	RAILROAD AT T INTERSECTION	-	1	-	7.07	-	-	-	-	
2	705	49+83	STH 35 RT	24 X 30	R4-7	KEEP RIGHT SYMBOL	1	-	5.00	-	-	-	-	-	
2	706	50+02	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
2	707	49+76	STH 35 LT	30 X 30	R5-1	DO NOT ENTER	1	-	6.25	-	-	-	-	-	
2	708	49+76	STH 35 LT	24 X 36	R3-9B	CENTER LANE TURN ONLY	-	1	6.00	-	-	-	-	-	
2	709	50+18	STH 35 RT	24 X 36	R3-20-L	BEGIN LEFT TURN LANE W/ARROW	-	1	6.00	-	-	-	-	-	
2	710	50+75	STH 35 LT	24 X 36	J4-1	SOUTH/35	-	1	6.00	-	-	-	-	-	
2	711	52+00	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
2	712A	52+26	STH 35 RT	30 X 30	W11-15	BIKE PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
2	712B	52+26	STH 35 RT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	MOUNTED WITH SIGN 712A
2	713	52+26	STH 35 RT	30 X 30	R5-1	DO NOT ENTER	1	-	6.25	-	-	-	-	-	
2	800	52+93	STH 35 LT	36 X 31	R1-2	YIELD	1	-	3.88	-	-	-	-	-	
2	801	52+73	STH 35 LT	24 X 30	R6-2-R	ONE WAY RIGHT	1	-	5.00	-	-	-	-	-	
2	802	52+85	STH 35 LT			STOP/HOSPITAL	-	-	-	-	-	1	1	-	
2	803	53+08	STH 35 LT	30 X 36	R3-50-R	RIGHT TURN ONLY	-	1	7.50	-	-	-	-	-	
2	804	53+22	STH 35 LT	24 X 30	R4-7	KEEP RIGHT	1	-	5.00	-	-		-	-	
2	805	53+05	STH 35 LT	24 X 30	R4-7	KEEP RIGHT	1	-	5.00	-	-	-	-	-	
2	806	53+07	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
2	807	53+46	STH 35 LT	36 X 36	W10-1	RAILROAD CROSSING	-	1	-	9.00	-	1	1	-	
2	808A	53+75	STH 35 LT	30 X 30	W11-15	PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
2	808B	53+75	STH 35 LT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	MOUNTED WITH SIGN 808A
2	809	56+25	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
2	810	53+75	STH 35 RT	24 X 36	R3-20-L	BEGIN LEFT TURN LANE W/ARROW	-	1	6.00	-	-	-	-	-	
2	811	53+49	STH 35 LT	18 X 24	R4-7	KEEP RIGHT	1	-	3.00	-	-	-	-	-	
2	812	54+50	STH 35 RT	24 X 36	R3-9-B	CENTER LANE TURN ONLY	-	1	6.00	-	-	-	-	-	
2	813	54+97	STH 35 LT	54 X 30	R3-8-W	VARIOUS ONLYS	2	-	-	11.25	-	-	-	-	
2	814A	56+04	STH 35 LT	30 X 30	W11-15	BIKE PEDESTRIAN CROSSING	1	1	-	6.25	-	-	-	-	
2	814B	56+04	STH 35 LT	24 X 8	W16-9P	AHEAD	-	-	-	2.00	-	-	-	-	MOUNTED WITH SIGN 814A
2	815	57+54	STH 35 LT	36 X 36	W10-3	RAILROAD AT T INTERSECTION	-	1	-	7.07	-	-	-	-	
2	816	57+24	STH 35 RT	24 X 36	J4-1	SOUTH/35	-	1	6.00	-	-	-	-	-	
						SUBTOTAL 2 =	21	17	129.17	116.14	0	6	6	0	

SIGN AND POSTS SUMMARY (CONTINUED)

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

	SIGN NO.	STATION	LOCATION	SIZE IN X IN	SIGN CODE	DESCRIPTION	POSTS WOOD 4X6-INCH X 14-FT 634.0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634.0616 EACH	SIGNS TYPE II REFLECTIVE H 637.2210 SF	SIGNS TYPE II REFLECTIVE F 637.2230 SF	MOVING SIGNS TYPE II 638.2102 EACH	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	MOVING SMALL SIGN SUPPORTS 638.4000 EACH	REMARKS
2	901	59+63	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	1	1	-	
2	902	59+93	STH 35 RT	30 X 30	R1-1	STOP	1	-	6.25	-	-	1	1	-	
2	903	61+00	STH 35 RT	24 X 60	S4-51	NORTH GREAT RIVER ROAD NATIONAL SCENIC BYWAY	-	1	10.00	-	-	1	1	-	
2	904	63+69	STH 35 LT	24 X 18	R14-1	TRUCK ROUTE	-	-	-	-	-	1	1	-	
2	905	64+13	STH 35 RT	30 X 30	R1-1	STOP	1	-	6.25	-	-	1	1	-	
2	906	58+76	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
2	1000A	64+34	STH 35 RT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
2	1000B	64+34	STH 35 RT	24 X 8	W16-9P	AHEAD	-	-	-	2.00	-	1	1	-	MOUNT WITH SIGN 1000A
2	1001	65+07	STH 35 RT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
2	1002	67+07	STH 35 RT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
2	1003	67+79	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
2	1004	67+93	STH 35 LT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
2	1005	69+33	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	-	-	-	-	-	1	1	-	
2	1006A	69+37	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	1	1	-	
2	1006B	69+37	STH 35 RT	18 X 24		NO PARKING ANY TIME	-	-	-	-	-	-	-	-	
2	1007A	66+89	STH 35 RT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	1007B	66+89	STH 35 RT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 1007A
2	1007C	66+89	STH 35 RT	9 X 12	R10-25	PUSH BUTTON	-	-	0.75	-	-	-	-	-	MOUNT WITH SIGN 1007A AND 1007B
2	1008A	66+92	STH 35 RT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	1008B	66+92	STH 35 RT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	MOUNT WITH SIGN 1008A
2	1008C	66+92	STH 35 RT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	1008D	66+92	STH 35 RT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 1008C
2	1009A	67+12	STH 35 LT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	-	-	6.25	-	-	-	-	MOUNT WITH SIGN 1008C AND 1008D
2	1009B	67+12	STH 35 LT	24 X 12	W16-7L	ARROW	-	-	-	2.00	-	-	-	-	ON RECTANGULAR RAPID FLASHING BEACON
2	1009C	67+12	STH 35 LT	9 X 12	R10-25	PUSH BUTTON	-	-	0.75	-	-	-	-	-	MOUNT WITH SIGN 1009A
1	1101	70+61	STH 35 LT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
1	1102A	70+03	STH 35 LT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
1	1102B	70+03	STH 35 LT	24 X 8	W16-9P	AHEAD	-	-	-	2.00	-	-	-	-	MOUNT WITH SIGN 1102A
1	1103	71+97	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
1	1201	77+28	STH 35 RT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	1	1	-	
1	1202	77+48	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	1	1	-	
1	1203	78+84	STH 35 RT	24 X 48	S4-51	SCHOOL ZONE SPEED LIMIT 15 MPH WHEN CHILDREN ARE PRESENT	-	-	-	-	-	1	1	-	
1	1204	79+27	STH 35 LT	24 X 42	R3-9-B & C	CENTER LANE TWLTL ONLY AND BEGIN	-	1	7.00	-	-	-	-	-	
1	1205	79+70	STH 35 RT	30 X 30	R1-1	STOP	1	-	5.18	-	-	1	1	-	
1	1206A	80+35	STH 35 RT	30 X 30	W11-2	PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
1	1206B	80+35	STH 35 RT	24 X 8	W16-9P	AHEAD	-	1	-	2.00	-	-	-	-	MOUNT WITH SIGN 1206A
1	1207	81+38	STH 35 LT	30 X 30	R5-1	DO NOT ENTER	1	-	6.25	-	-	-	-	-	
1	1208	81+31	STH 35 RT	24 X 42	R3-9-B & D	CENTER LANE TWLTL ONLY AND END	1	-	7.00	-	-	-	-	-	
1	1209	81+39	STH 35 RT	24 X 30	R4-7	KEEP RIGHT	1	-	5.00	-	-	-	-	-	
1	1301	81+52	STH 35 LT	36 X 36	W4-2R	RIGHT LANE ENDS	-	1	-	9.00	-	-	-	-	
1	1303	82+14	STH 35 LT	24 X 30	R6-2-R	ONE WAY RIGHT	-	1	5.00	-	-	-	-	-	
1	1305	82+31	STH 35 LT	36 X 31	R1-2	YIELD	1	-	3.88	-	-	-	-	-	
1	1306	82+33	STH 35 LT			RAILROAD CROSSING	-	-	-	-	-	-	-	-	KEEP IN PLACE
1	1307	82+32	STH 35 LT	24 X 30	R8-8	DO NOT STOP ON TRACKS	1	-	5.00	-	-	-	-	-	
1	1308	82+34	STH 35 LT			STOP	-	-	-	-	-	1	1	-	
1	1309	82+33	STH 35 RT	24 X 30	R6-2-R	ONE WAY RIGHT	1	-	5.00	-	-	-	-	-	
1	1310	84+54	STH 35 RT	30 X 30	R5-1	DO NOT ENTER	1	-	6.25	-	-	-	-	-	
1	1313	82+84	STH 35 LT	24 X 30	R6-2-R	ONE WAY RIGHT	1	-	5.00	-	-	-	-	-	
1	1314	82+87	STH 35 LT	36 X 36	W10-1	RAILROAD CROSSING	-	1	-	7.07	-	-	-	-	
1	1315	83+85	STH 35 LT			RAILROAD CROSSING	-	-	-	-	-	-	-	-	KEEP IN PLACE
1	1316	82+94	STH 35 LT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
1	1317A	83+14	STH 35 LT	30 X 30	W11-15	PEDESTRIAN CROSSING	-	1	-	6.25	-	-	-	-	
1	1317B	83+14	STH 35 LT	24 X 12	W16-7L		-	-	-	2.00	-	-	-	-	
1	1318	84+30	STH 35 LT	24 X 30	R4-7	KEEP RIGHT	1	-	5.00	-	-	-	-	-	
1	1319	84+54	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	1	-	5.00	-	-	-	-	-	
1	1320	85+01	STH 35 LT	36 X 36	W10-3	ADVANCE WARNING RAILROAD CROSSING	-	1	-	9.00	-	1	1	-	
1	1401	87+47	STH 35 LT			PEDESTRIAN CROSSING	-	-	-	-	-	1	1	-	
1	1402	88+42	STH 35 LT	24 X 30	R2-1	SPEED LIMIT 30 MPH	-	1	5.00	-	-	-	-	-	
1	1403	89+84	STH 35 LT	36 X 36	W4-2R	RIGHT LANE ENDS SYMBOL	1	-	-	9.00	-	-	-	-	
1	1404	90+74	STH 35 LT	30 X 30	W9-1R	RIGHT LANE ENDS	1	-	-	6.25	-	-	-	-	
						SUBTOTAL 3 =	22	12	134.74	106.32	0	21	21	0	
						SUBTOTAL 2 =	21	17	129.17	116.14	0	6	6	0	
						SUBTOTAL 1 =	17	14	318.15	25.25	8	21	22	6	
						PROJECT TOTALS =	**60**	**43**	**582.06**	**247.71**	**8**	**48**	**49**	**6**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

3

TRAFFIC CONTROL SUMMARY

STAGE	DURATION CALENDAR DAYS*	TRAFFIC CONTROL DRUMS 643.0300 DAY	TRAFFIC CONTROL BARRICADES TYPE II 643.0410 DAY	TRAFFIC CONTROL BARRICADES TYPE III 643.0420 DAY	TRAFFIC CONTROL WARNING LIGHTS TYPE A 643.0705 DAY	TRAFFIC CONTROL ARROW BOARDS 643.0800 DAY	TRAFFIC CONTROL SIGNS 643.0900 DAY	REMARKS
1	60	2,400	420	840	600	60	1,740	
2	92	5,520	1,472	3,864	920	92	5,428	
3	91	7,280	546	1,820	910	91	3,367	
DETOUR	243	4,860	-	-	-	-	26,730	DRUMS AT LA POINTE ST
PROJECT TOTALS =	**243**	**20,060**	**2,438**	**6,524**	**2,430**	**243**	**37,265**	

* FOR INFORMATION ONLY
NOTE: FOR STAGES 1, 2, 3, DRUMS PREDOMINANTLY USED FOR LANE SEPARATION IN WORK ZONE

TRAFFIC CONTROL COVERING SIGNS TYPE II

LOCATION	643.0920 EACH	NUMBER OF CYCLES	REMARKS
STH 35	1	1	NORTH/STH 35/GREAT RIVER ROAD/ARROWS
LA POINTE ST	1	1	NORTH/STH 35/GREAT RIVER ROAD/ARROWS
LA POINTE ST	1	1	LYNXVILLE PORTION OF LYNXVILLE/BRIDGEPORT/MADISON
LA POINTE ST	1	1	NORTH/STH 35/GREAT RIVER ROAD/ARROWS
IOWA ST	1	1	SOUTH/STH 35/ RIGHT TURN ARROW
IOWA ST	1	1	BRIDGEPORT PORTION OF EASTMAN/LYNXVILLE/BRIDEPORT
STH 35	1	1	SOUTH/GREAT RIVER ROAD
STH 35	1	1	SOUTH/STH 35
STH 35	1	1	SOUTH 35 W/ARROW
STH 35	1	1	SOUTH/STH 35/UPPER ARROW
STH 35	1	1	SOUTH/STH 35/UPPER ARROW
STH 35	1	1	SOUTH 35 W/ARROW
STH 35	1	1	SOUTH/STH 35/UPPER ARROW
PROJECT TOTALS =	**13**		

TRAFFIC CONTROL SIGNS PCMS

LOCATION	643.1050 DAY	REMARKS
STH 35, NORTH OF PROJECT LIMITS	14	HWY 35 TO CLOSE; STARTING X/XX/XXXX
STH 35, SOUTH OF PROJECT LIMITS	14	HWY 35 TO CLOSE; STARTING X/XX/XXXX
	14	UNDISTRIBUTED
PROJECT TOTALS =	**42**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

TEMPORARY PEDESTRIAN ACCESS

STAGE	STATION	LOCATION	TEMPORARY PEDESTRIAN SURFACE ASPHALT 644.1410.S SF	TEMPORARY PEDESTRIAN SURFACE PLYWOOD 644.1420.S SF	TEMPORARY PEDESTRIAN SURFACE PLATE 644.1430.S SF	TEMPORARY CURB RAMP 644.1601.S EACH	TEMPORARY PEDESTRIAN SAFETY FENCE 644.1616.S LF
1	67+41	STH 35	293	-	-	1	2,595
2	67+87	STH 35	330	-	-	1	3,742
2	53+26	STH 35	375	-	-	2	-
2	44+98	STH 35	455	-	-	2	-
2B	56+25	STH 35	0	-	-	1	363
3	17+65	STH 35	0	-	-	1	5,176
		UNDISTRIBUTED	-	300	300	-	-
		PROJECT TOTALS =	**1,453**	**300**	**300**	**8**	**11,876**

PAVEMENT MARKING SUMMARY

STATION	TO	STATION	LOCATION	MARKING LINE EPOXY 4-INCH 646.1020 LF	MARKING LINE EPOXY 8-INCH 646.3020 LF	MARKING ARROW EPOXY 646.5020 EACH	MARKING WORD EPOXY 646.5120 EACH	MARKING RAILROAD CROSSING EPOXY 646.5320 EACH	MARKING STOP LINE EPOXY 18-INCH 646.6120 LF	MARKING DIAGONAL EPOXY 12-INCH 646.7120 LF	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH 646.7420 LF	MARKING CORRUGATED MEDIAN EPOXY 646.8020 SF	MARKING ISLAND NOSE EPOXY 646.8220 EACH	REMARKS
6+85	-	85+58	RT	6,526	-	-	-	-	-	-	-	-	-	N.B. MARKINGS - WHITE
12+68	-	88+20	LT	6,606	-	-	-	-	-	-	-	-	-	S.B. MARKINGS - WHITE
6+85	-	79+01	RT	241	-	-	-	-	-	-	-	-	-	N.B. DASHED MARKINGS - WHITE
12+68	-	45+29	LT	189	135	-	-	-	-	-	-	-	-	S.B. DASHED MARKINGS - WHITE
6+85	-	81+32	RT	7,070	-	-	-	-	-	-	-	-	-	N.B. CENTERLINE - YELLOW
6+85	-	81+32	LT	7,192	-	-	-	-	-	-	-	-	-	S.B. CENTERLINE - YELLOW
14+99	-	85+63	RT/LT	3,231	-	-	-	-	-	-	-	-	-	MEDIAN MARKINGS - YELLOW
20+94	-	81+32	RT	1,391	-	-	-	-	-	-	-	-	-	N.B. DASHED CENTERLINE - YELLOW
20+94	-	81+31	LT	1,392	-	-	-	-	-	-	-	-	-	S.B. DASHED CENTERLINE - YELLOW
9+16	-	84+12	RT/LT	-	2,055	-	-	-	-	-	-	-	-	LANE DIVIDER - WHITE
9+16	-	19+36	RT/LT	-	-	-	-	-	-	319	-	-	-	CHEVRON LANE DIVIDER - WHITE
9+16	-	19+36	RT/LT	-	-	-	-	-	-	356	-	-	-	DIAGONAL CHANNELIZING STRIPES - WHITE
84+42	-	85+17	MDL	-	-	-	-	-	-	46	-	-	-	DIAGONAL CHANNELIZING STRIPES - YELLOW
16+62	-	83+07	RT/LT	-	-	-	-	-	-	-	2,242	-	-	CROSSWALK - WHITE
16+44	-	82+79	RT/LT	-	-	-	-	-	333	-	-	-	-	STOP BAR - WHITE
9+62	-	83+32	RT/LT	-	-	54	-	-	-	-	-	-	-	ARROWS - WHITE
9+22	-	83+63	RT/LT	-	-	-	9	-	-	-	-	-	-	WORDS - WHITE
14+94	-	84+42	RT/LT	-	-	-	-	-	-	-	-	-	14	ISLAND NOSE - YELLOW
10+38PA	-	10+95PA	RT	-	-	-	-	1	-	-	-	-	-	RAILROAD CROSSING - WHITE
11+72PA	-	11+72 PA	LT	-	-	-	-	-	15	-	-	-	-	RAILROAD CROSSING STOP BAR - WHITE
19+37	-	54+38	MDL	-	-	-	-	-	-	-	-	1,050	-	CORRUGATED MEDIAN EPOXY - YELLOW
		PROJECT TOTALS =	**33,838**	**2,190**	**54**	**9**	**1**	**348**	**721**	**2,242**	**1,050**	**14**		

REMOVING PAVEMENT MARKINGS

STATION	TO	STATION	LOCATION	MARKING REMOVAL LINE 4-INCH 646.9000 LF
83+40	-	85+67	STH 35 RT	62.5
84+86	-	88+99	STH 35 LT	112.5
			PROJECT TOTALS =	**175**

TEMPORARY PAVEMENT MARKINGS

LOCATION	TEMPORARY MARKING LINE EPOXY 4-INCH 649.0120 LF	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH 649.0150 LF	REMARKS
STH 35	100	100	UNDISTRIBUTED
PROJECT TOTALS =	**100**	**100**	

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

CONSTRUCTION STAKING SUMMARY

STAGE	STATION	TO	STATION	LOCATION	*** CONSTRUCTION STAKING SUBGRADE 650.4500 LF	*** CONSTRUCTION STAKING BASE 650.5000 LF	*** CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER 650.5500 LF	CONSTRUCTION STAKING CONCRETE PAVEMENT 650.7000 LF	*** CONSTRUCTION STAKING SLOPE STAKES 650.9920 LF
1	67+50	-	83+00	STH 35	1,550	-	-	1,550	1,550
1	10+00 CR	-	10+68 CR	CRAWFORD ST	68	68	20	-	68
1	12+65 MN	-	13+40 MN	MOONEY ST	75	75	6	-	75
2	45+00	-	67+50	STH 35	2,250	-	-	2,250	2,250
2	10+00 CA	-	10+73 CA	CAMPION BLVD	73	73	12	-	73
2	9+40 PA	-	13+58 PA	PARRISH ST	418	418	352	-	418
2	10+00 FW	-	10+91 FW	FOWLER ST	91	91	68	-	91
2	10+00 BR	-	11+07 BR	BRUNSON ST	107	107	100	-	107
2	10+00 BW	-	10+82 BW	BROADWAY ST	82	82	39	-	82
2	10+00 WE	-	11+31 WE	WELLS ST	131	131	100	-	131
3	17+42	-	45+00	STH 35	2,758	-	-	2,758	2,758
3	10+00 LP	-	11+32 LP	LA POINTE	132	-	-	-	132
3	10+00 FI	-	10+79 FI	15TH ST	79	79	14	-	79
3	10+00 PR	-	11+50 PR	PRAIRIE ST	150	150	184	-	150
3	10+21 EL	-	10+98 EL	11TH ST	77	77	-	-	77
3	10+00 LW	-	11+92 LW	LOCKWOOD ST	192	192	86	-	192
3	10+00 EC	-	11+14 EC	11TH ST CUL DE SAC	114	114	358	-	114
3	10+00 TE	-	11+86 TE	10TH ST	186	186	10	-	186
				PROJECT TOTALS =	**8,533**	**1,843**	**1,349**	**6,558**	**8,533**

MONOTUBE SIGN STRUCTURE S-12-0011

STAGE	STATION	LOCATION	*** CONCRETE BASES TYPE 13 654.0113 EACH	*** INSTALL POLES TYPE 12 657.1355 EACH	*** INSTALL MONOTUBE ARMS 45-FT 657.1545 EACH
3	12+50	STH 35 RT	1	1	1
		TOTALS =	**1**	**1**	**1**

MONOTUBE SIGN STRUCTURE S-12-0014

STAGE	STATION	LOCATION	CONCRETE BASES TYPE 10 654.0110 EACH	INSTALL POLES TYPE 9 657.1345 EACH	INSTALL MONOTUBE ARMS 30-FT 657.1530 EACH
3	9+00	STH 35 RT	1	1	1
		PROJECT TOTALS =	**1**	**1**	**1**

NOTE: ALL QTY'S ARE CAT 0010 UNLESS OTHERWISE NOTED

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

SAWING ASPHALT

STAGE	STATION	LOCATION	*** 690.0150 LF	REMARKS
	VARIOUS	STH 35 LT	2314	DRIVEWAYS
1	10+68 CR	CRAWFORD ST	29	
2	10+73 CA	CAMPION BLVD	42	
2	9+40 PA	PARRISH ST	30	
2	10+84 PA	PARRISH ST LT	20	
2	13+58 PA	PARRISH ST	38	
2	10+91 FW	FOWLER ST	28	
2	11+07 BR	BRUNSON ST	28	
2	10+82 BW	BROADWAY ST	29	
2	10+92 WE	WELLS ST	73	
3	10+76 FI	15TH ST	43	
3	11+50 PR	PRAIRIE ST	32	
3	10+00 LW	LOCKWOOD ST	29	
3	11+92 LW	LOCKWOOD ST	26	
3	11+14 EC	11TH ST CUL DE SAC	22	
3	10+00 TE	10TH ST	24	
PROJECT TOTALS =			**2,807**	

SAWING CONCRETE

STAGE	STATION	LOCATION	*** 690.0250 LF	REMARKS
1	65+94	STH 35 RT	39	DRIVEWAY
1	75+43	STH 35 RT	12	DRIVEWAY
1	80+00	STH 35 RT	19	-
1	80+00	STH 35 RT	300	-
1	82+45	STH 35 LT	35	-
1	83+00	STH 35 LT	37	-
2	10+84 BR	BRUNSON ST LT	23	-
2	10+38 PA	PARRISH ST RT	25	DRIVEWAY
3	8+15	STH 35 RT	353	-
3	14+25	STH 35 RT	427	-
3	14+95	STH 35 RT	315	-
3	16+87	STH 35 RT	182	-
3	42+29	STH 35 RT	25	DRIVEWAY
3	42+35	STH 35 RT	15	DRIVEWAY
PROJECT TOTALS =			**1,807**	

CONCRETE CURB ISLAND CORNER

STAGE	STATION	TO	STATION	LOCATION	SPV.0090.11 LF	REMARKS
1	82+44	-	82+61	STH 35 LT	10	MOONEY ST ISLAND NOSE
2	52+88	-	53+31	STH 35 LT	11	PARRISH ST ISLAND NOSE
PROJECT TOTALS =					**21**	

CONCRETE PAVEMENT JOINT LAYOUT

STATION	TO	STATION	LOCATION	415.5110.S LS
17+42	-	83+00	STH 35	1
PROJECT TOTALS =				**1**

CONCRETE SIDEWALK, PICTURE-FRAME, 4-INCH

STAGE	STATION	TO	STATION	LOCATION	SPV.0165.01 SF
1	67+50	-	86+00	STH 35 RT	4,567
1	67+50	-	86+00	STH 35 LT	109
2	45+00	-	67+50	STH 35 RT	10,466
2	45+00	-	67+50	STH 35 LT	372
3	17+00	-	45+00	STH 35 RT	12,477
3	17+00	-	45+00	STH 35 LT	546
CATEGORY 0010 TOTAL =					**28,537**

NOTE: ADDITIONAL CONCRETE SIDEWALK 4-INCH QUANTITY IS IN CSD MISCELLANEOUS QUANTITIES UNDER CATEGORY 0020

CONCRETE SIDEWALK, PICTURE-FRAME, 6-INCH

STAGE	STATION	TO	STATION	LOCATION	SPV.0165.02 SF
1	67+50	-	86+00	STH 35 RT	1,473
2	45+00	-	67+50	STH 35 LT & RT	1,226
3	17+00	-	45+00	STH 35 LT & RT	1,326
PROJECT TOTALS =					**4,025**

Signal Wire

Category	Station	to Station	655.0210 Cable Traffic Signal 3-14 AWG LF	655.0230 Cable Traffic Signal 5-14 AWG LF	655.0240 Cable Traffic Signal 7-14 AWG LF	655.0250 Cable Traffic Signal 9-14 AWG LF	655.0260 Cable Traffic Signal 12-14 AWG LF	655.0305 Cable Type UF 2-12 AWG Grounded LF	655.0515 Electrical Wire Traffic Signals 10 AWG LF	*** 655.0610 Elecrtrical Wire Traffic Lighting 12 AWG LF	655.0700 Loop Dectector Lead in Cable LF	655.0800 Loop Detector Wire LF	Description	
0010	020 + 40											190	PB6 LOOP 21	
0010	017 + 88		15	40									SB4 - Up Pole	
0010	017 + 90		15	81						159			SB5 - Up Pole	
0010	017 + 52		15	40									SB6 - Up Pole	
0010	016 + 81		15							45			SB7 - Up Pole	
0010	016 + 46		15	40									SB8 - Up Pole	
0010	016 + 38			20						300			SB9 - Up Pole	
0010	016 + 41			18									SB10 - Up Pole	
0010	016 + 48		15	124									SB11 - Up Pole	
0010	016 + 61	to 017 ## + 88					183						Existing SC1 to SB4	
0010	016 + 61	to 017 ## + 90					290						Existing SC1 to SB5	
0010	016 + 61	to 017 ## + 52					310						Existing SC1 to SB6	
0010	016 + 61	to 016 ## + 81				229							Existing SC1 to SB7	
0010	016 + 61	to 016 ## + 46					225						Existing SC1 to SB8	
0010	016 + 61	to 016 ## + 38			150								Existing SC1 to SB9	
0010	016 + 61	to 016 ## + 41			122								Existing SC1 to SB10	
0010	016 + 61	to 016 ## + 48				58							Existing SC1 to SB11	
0010	016 + 61	to 020 ## + 40									436		Existing SC1 to PB6	
0010	016 + 61	to 017 ## + 90						290					Existing SC1 to SB5	
0010	016 + 61	to 016 ## + 81						229					Existing SC1 to SB7	
0010	016 + 61	to 016 ## + 38						150					Existing SC1 to SB9	
0010	017 + 59	to 017 ## + 88							55				Existing SB3 to SB4	Grounding Conductor
0010	017 + 88	to 017 ## + 90							185				SB4 to SB5	Grounding Conductor
0010	017 + 90	to 017 ## + 52							72				SB5 to SB6	Grounding Conductor
0010	017 + 52	to 016 ## + 81							206				SB6 to SB7	Grounding Conductor
0010	016 + 81	to 016 ## + 46							68				SB7 to SB8	Grounding Conductor
0010	016 + 46	to 016 ## + 38							103				SB8 to SB9	Grounding Conductor
0010	016 + 38	to 016 ## + 41							58				SB9 to SB10	Grounding Conductor
0010	016 + 41	to 016 ## + 61							122				SB10 to Existing SC1	Grounding Conductor
0010	016 + 61	to 016 ## + 48							58				Existing SC1 to SB11	Grounding Conductor
		Total	**90**	**363**	**272**	**287**	**1008**	**669**	**927**	**504**	**436**	**190**		

Poles, Arms & Equipment

Category	Station	Dir	Location	*** 657.1355 Install Poles Type 12 EACH	657.1360 Install Poles Type 13 EACH	657.1540 Install Monotube Arms 40-FT EACH	*** 657.1545 Install Monotube Arms 45-FT EACH	657.1815 Install Luminaire Arms Steel 15-FT EACH	657.0100 Pedestal Bases EACH	*** 657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle EACH	657.0420 Traffic Signal Standards Aluminum 13-FT EACH	657.0425 Traffic Signal Standards Aluminum 15-FT EACH	657.0310 Poles Type 3 EACH	657.0315 Poles Type 4 EACH	657.0585 Trombone Arms 15-FT EACH	657.0709 Luminaire Arms Truss Type 4-Inch Clamp 12-FT EACH	658.0173 Traffic Signal Face 3S 12-Inch EACH	658.0174 Traffic Signal Face 4S 12-Inch EACH	658.0500 Pedestrian Push Button EACH	658.0416 Pedestrian Signal Face 16-Inch EACH	659.1125 Luminaires Utility LED C EACH	Desc
0010	17 + 88	LEFT	48						1			1					1	1	1	1		SB4
0010	17 + 90	RIGHT	44		1		1	1									2	1	1	1	1	SB5
0010	17 + 52	RIGHT	72						1			1					1	1	1	1		SB6
0010	16 + 81	RIGHT	75							1			1		1	1		1	1	1	1	SB7
0010	16 + 46	RIGHT	41						1			1					1	1	1	1		SB8
0010	16 + 38	RIGHT	15							1				1		2		1			2	SB9
0010	16 + 41	LEFT	3						1		1						1					SB10
0010	16 + 48	LEFT	51	1		1											2		1	1		SB11
			Total	**1**	**1**	**1**	**1**	**1**	**4**	**2**	**1**	**3**	**1**	**1**	**1**	**3**	**8**	**6**	**6**	**6**	**4**	

TRAFFIC SIGNAL MISCELLANEOUS QUANTITY SHEETS
***ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

3

3

Pull Boxes

Category	Station	Dir	Location	653.0164 Pull Boxes Non-Conductive 24x42-Inch EACH	Description
	16 + 77	LEFT	80		Existing PB1
	16 + 87	LEFT	164		Existing PB2
	16 + 98	LEFT	65		Existing PB3
	16 + 94	LEFT	42		Existing PB4
	17 + 65	LEFT	66		Existing PB5
0010	20 + 40	LEFT	36	1	PB6
0010	17 + 74	RIGHT	43	1	PB7
0010	16 + 61	RIGHT	58	1	PB8
0010	16 + 43	RIGHT	15	1	PB9
	16 + 36	LEFT	3		Existing PB10
	14 + 74	LEFT	0		Existing PB11
	16 + 65	LEFT	70		Existing PB12
		Total		**4**	

Electrical Conduit

Category	Station	to	Station	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch LF	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch LF	652.0800 Conduit Loop Detector LF	Description
0010	20 + 40					60	LOOP 21 - PB6
0010	17 + 65	to	17 + 74		220		EXISTING PB5 to PB7
0010	17 + 74	to	16 + 61		228		PB7 to PB8
0010	17 + 65	to	17 + 88	30			EXISTING PB5 to SB4
0010	17 + 65	to	20 + 40	277			EXISTING PB5 to PB6
0010	17 + 74	to	17 + 90	17			PB7 to SB5
0010	17 + 74	to	17 + 52	37			PB7 to SB6
0010	16 + 61	to	16 + 81	27			PB8 to SB7
0010	16 + 61	to	16 + 46	23			PB8 to SB8
0010	16 + 43	to	16 + 38	5			PB9 to SB9
0010	16 + 36	to	16 + 41	6			EXISTING PB10 to SB10
0010	16 + 65	to	16 + 48	26			EXISTING PB12 to SB11
			Total	**448**	**448**	**60**	

Signal Bases

Category	Station	Dir	Location	654.0101 Concrete Bases Type 1 EACH	654.0102 Concrete Bases Type 2 EACH	*** 654.0113 Concrete Bases Type 13 EACH	Description
0010	17 + 88	LEFT	48	1			SB4
0010	17 + 90	RIGHT	44			1	SB5
0010	17 + 52	RIGHT	72	1			SB6
0010	16 + 81	RIGHT	75		1		SB7
0010	16 + 46	RIGHT	41	1			SB8
0010	16 + 38	RIGHT	15		1		SB9
0010	16 + 41	LEFT	3	1			SB10
0010	16 + 48	LEFT	51			1	SB11
		Total		**4**	**2**	**2**	

TRAFFIC SIGNAL MISCELLANEOUS QUANTITY SHEETS
***ADDITIONAL QUANTITY SHOWN ELSEWHERE

Electrical items

Category	Station	Dir	Location	650.8500.02 Construction Staking Electrical Installations 1661-05-76 LS	658.5069 Signal Mounting Hardware LS	Description
0010	16 + 61	LEFT	80	1	1	Project
			Total	**1**	**1**	

Removals

Category	Station	Dir	Location	653.0905 Removing Pull Box EACH	SPV.0060.24 Removing Traffic Signal Units EACH	204.0195 Removing Concrete Bases EACH	Description
0010	17 + 25	LEFT	0	8			USH 18 & LaPointe
0010	17 + 25	LEFT	0		9		USH 18 & LaPointe
0010	17 + 25	LEFT	0			9	USH 18 & LaPointe
			Total	**8**	**9**	**9**	

COLORED CONCRETE CROSSWALK

CATEGORY	STATION TO STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED C.Y.
0020	17+83	STH 35 at La Pointe St	10
0020	23+50 to 24+36	STH 35 at 15th St	11
0020	32+34 to 32+95	STH 35 at Prairie St.	7
0020	39+45 to 40+05	STH 35 at 11th St	13
0020	44+10 to 44+50	STH 35 at 10th St.	8
0020	46+25 LT	STH 35	5
0020	46+25 RT	STH 35	5
0020	46+64 to 46+95	STH 35 at Campion Blvd	5
0020	52+51 to 53+04 RT	STH 35 at Parrish St	8
0020	52+92 to 53+03 LT	STH 35 at Parrish St	5
0020	53+12 to 53+54 LT	STH 35 at Parrish St	15
0020	52+51 to 53+04 RT	STH 35 at Parrish St	8
0020	53+30 RT	STH 35 at Parrish St	2
0020	55+82 to 56+22 RT	STH 35 at Fowler St	6
0020	59+48 to 59+89	STH 35 at Brunson St	6
0020	67+00 LT	STH 35	2
0020	67+00 RT	STH 35	2
0020	67+36 to 67+81	STH 35 at Wells St	7
0020	79+27 to 79+67	STH 35 at Crawford St	6
0020	82+26 to 82+51	STH 35 at Mooney St	7
0020	82+62 to 82+88	STH 35 at Mooney St	7
	CATEGORY 0020 TOTAL		144

COLORED CONCRETE MEDIAN

CATEGORY	STATION TO STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED C.Y.
0020	17+87 to 19+27 RT	STH 35	9
0020	17+87 to 18+76 RT	STH 35	3
0020	46+13 to 46+37	STH 35	2
0020	49+77 to 52+86	STH 35	28
0020	53+20 to 53+80	STH 35	3
0020	66+89 to 67+11	STH 35	2
0020	81+37 to 83+00	STH 35	17
0020	11+50 to 12+31	Parrish St	4
0020	12+60 to 13+18	Mooney St	2
	CATEGORY 0020 TOTAL		69
	PROJECT TOTAL		213

RECTANGULAR RAPID FLASHING BEACON SYSTEM

CATEGORY	STATION	LOCATION	SPV.0105.01 RECTANGULAR RAPID FLASHING BEACON LS	SPV.0105.02 RECTANGULAR RAPID FLASHING BEACON LS
0020	46+25, LT & RT	STH 35 and Campion Blvd	1	--
0020	67+00, LT & RT	STH 35 and Wells Street	--	1
	TOTAL		1	1

CONCRETE SIDEWALK

***

CATEGORY	STATION TO STATION	LOCATION	SPV.0165.01 CONCRETE SIDEWALK, PICTURE FRAME, 4-INCH S.F.	SPV.0165.03 COLORED AND TEXTURED CONCRETE SIDEWALK, 4-INCH S.F.
0020	67+90 to 79+20	STH 35 - Crawford to Wells	1632	1634
0020	64+15 to 67+30	STH 35 - Wells to Broadway	400	410
0020	60+00 to 63+70	STH 35 - Broadway to Brunson	578	588
0020	56+25 to 59+50	STH 35 - Brunson to Fowler	400	400
0020	53+00 to 55+75	STH 35 - Fowler to Parrish	486	484
0020	47+00 to 47+50	STH 35 - Parrish to Campion	240	80
0020	33+00 to 46+60	STH 35 - Campion to Prairie	2680	2476
0020	24+50 to 32+50	STH 35 - Prairie to 15th	1355	1356
0020	17+60 to 23+50	STH 35 - 15th to LaPointe	1064	1141
	CATEGORY 0020 TOTAL		8835	8569
	PROJECT TOTAL		8835	8569

FENCE CHAIN LINK POLYMER-COATED PEDESTRIAN GATE

CATEGORY	STATION TO STATION	LOCATION	SPV.0060.25 FENCE CHAIN LINK POLYMER-COATED PEDESTRIAN GATE EA
0020	67+46 LT	STH 35	1
	CATEGORY 0020 TOTAL		1
	PROJECT TOTAL		1

FENCE CHAIN LINK POLYMER-COATED 5-FT

CATEGORY	STATION TO STATION	LOCATION	SPV.0090.12 FENCE CHAIN LINK POLYMER-COATED 5-FT LF
0020	53+65 to 81+75 LT	STH 35	2820
	CATEGORY 0020 TOTAL		2820
	PROJECT TOTAL		2820

*** ADDITIONAL QUANTITY SHOWN ELSEWHERE

LIGHTING MATERIAL

NOTE: ALL ITEMS ON THIS SHEET ARE CATEGORY 0030

LOCATION FROM ID	FROM STATION	TO ID	TO STATION	650.8500 CONSTRUCTION STAKING ELECTRIC INSTALLATIONS (PROJECT 1661-05-76) LS	*** 652.0225 CONDUIT RIGID NON-METALLIC SCH. 40 2-INCH LF	652.0325 CONDUIT RIGID NON-METALLIC SCH. 80 2-INCH LF	653.014 PULL BOXES STEEL 24x42-INCH EACH	654.0106 CONCRETE BASES TYPE 6 EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	*** 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0615 ELECTRICAL WIRE LIGHTING 10 AWG LF	655.0620 ELECTRICAL WIRE LIGHTING 8 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL STA 32+25 EACH	656.0200.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL STA 67+40 EACH	SPV.0060.01 LIGHTING CONTROL CABINET EACH
PP-A	STA. 32+25, 55RT	PP-A	STA. 32+25, 55RT	---	0	---	---	---	1	---	---	---	---	1	---	1
PP-A	STA. 32+25, 55RT	PLB-1	STA. 32+25, 45RT	---	10	---	1	---	---	---	30	30	---	---	---	---
PLB-1	STA. 32+25, 45RT	Pole-1	STA. 32+35, 45RT	---	10	---	---	1	---	156	16	60	---	---	---	---
PLB-1	STA. 32+25, 45RT	PLB-2	STA. 32+25, 33LT	---	---	78	1	---	---	---	318	234	---	---	---	---
PLB-2	STA. 32+25, 33LT	PLB-13	STA. 29+85, 33LT	---	240	---	1	---	---	---	---	720	---	---	---	---
PLB-13	STA. 29+85, 33LT	Pole-2	STA. 27+75, 33LT	---	210	---	---	1	---	156	216	630	---	---	---	---
Pole-2	STA. 27+75, 33LT	PLB-12	STA. 25+82, 33LT	---	186	---	1	---	---	---	192	558	---	---	---	---
PLB-12	STA. 25+82, 33LT	Pole-3	STA. 23+82, 33LT	---	200	---	---	1	---	156	---	600	---	---	---	---
Pole-3	STA. 23+82, 33LT	Pole-4	STA. 20+81, 34.5LT	---	308	---	---	1	---	156	---	924	---	---	---	---
PLB-2	STA. 32+25, 33LT	PLB-18	STA. 34+25, 33LT	---	200	---	1	---	---	---	600	---	---	---	---	---
PLB-18	STA. 34+25, 33LT	Pole-5	STA. 35+75, 33LT	---	150	---	---	1	---	156	606	---	---	---	---	---
Pole-5	STA. 35+75, 33LT	PLB-19	STA. 37+45, 33LT	---	175	---	1	---	---	---	706	---	---	---	---	---
Pole-5	STA. 35+75, 33LT	Pole-6	STA. 39+15, 33LT	---	175	---	---	1	---	156	525	---	---	---	---	---
Pole-6	STA. 39+15, 33LT	PLB-3	STA. 39+25, 33LT	---	10	---	1	---	---	---	46	---	---	---	---	---
PLB-3	STA. 39+25, 33LT	PLB-4	STA. 40+25, 33LT	---	---	100	1	---	---	---	406	---	---	---	---	---
PLB-4	STA. 40+25, 33LT	PLB-5	STA. 41+25, 33LT	---	100	---	1	---	---	---	300	---	---	---	---	---
PLB-5	STA. 41+25, 33LT	PLB-6	STA. 41+50, 60RT	---	---	96	1	---	---	---	390	---	---	---	---	---
PLB-6	STA. 41+50, 60RT	Pole-7	STA. 41+60, 60RT	---	10	---	---	1	---	156	46	---	---	---	---	---
PP-B	STA. 67+40, 50LT	PP-B	STA. 67+40, 50LT	---	0	---	---	---	1	---	---	---	---	---	1	1
PP-B	STA. 67+40, 50LT	PLB-7	STA. 67+40, 28LT	---	17	---	1	---	---	---	---	---	---	102	---	---
PLB-7	STA. 67+40, 28LT	PLB-14	STA. 65+57, 29LT	---	184	---	1	---	---	---	190	---	---	552	---	---
PLB-14	STA. 65+57, 29LT	Pole-8	STA. 59+50, 29LT	---	183	---	---	1	---	156	---	---	---	549	---	---
Pole-8	STA. 59+50, 29LT	PLB-15	STA. 61+61, 29LT	---	213	---	1	---	---	---	---	---	---	639	---	---
PLB-15	STA. 61+61, 29LT	Pole-9	STA. 59+50, 29LT	---	212	---	---	1	---	156	218	---	---	636	---	---
Pole-9	STA. 59+50, 29LT	Pole-10	STA. 56+29, 28.5LT	---	321	---	---	1	---	156	---	---	---	963	---	---
Pole-10	STA. 56+29, 28.5LT	PLB-8	STA. 53+65, 55LT	---	273	---	1	---	---	---	---	---	---	819	---	---
PLB-8	STA. 53+65, 55LT	PLB-9	STA. 52+60, 45LT	---	---	109	1	---	---	---	115	---	---	327	---	---
PLB-9	STA. 52+60, 45LT	Pole-11	STA. 52+50, 45LT	---	10	---	---	1	---	156	16	---	---	30	---	---
Pole-11	STA. 52+50, 45LT	PLB-16	STA. 49+90, 34LT	---	269	---	1	---	---	---	275	---	---	807	---	---
PLB-16	STA. 49+90, 34LT	Pole-12	STA. 47+25, 33LT	---	269	---	---	1	---	156	---	---	---	807	---	---
PLB-7	STA. 67+40, 28LT	Pole-13	STA. 67+50, 28LT	---	10	---	---	1	---	156	16	---	---	30	---	---
Pole-13	STA. 67+50, 28LT	Pole-14	STA. 70+25, 29LT	---	275	---	---	1	---	156	278	---	---	825	---	---
Pole-14	STA. 70+25, 29LT	PLB-17	STA. 72+12, 29LT	---	187	---	1	---	---	---	190	---	---	561	---	---
PLB-17	STA. 72+12, 29LT	Pole-15	STA. 74+00, 29LT	---	188	---	---	1	---	156	---	---	---	564	---	---
Pole-15	STA. 74+00, 29LT	Pole-16	STA. 77+00, 29LT	---	300	---	---	1	---	156	---	---	---	900	---	---
Pole-16	STA. 77+00, 29LT	Pole-17	STA. 79+75, 34LT	---	275	---	---	1	---	156	---	---	---	825	---	---
Pole-17	STA. 79+75, 34LT	PLB-10	STA. 81+50, 35LT	---	178	---	1	---	---	---	---	---	---	534	---	---
PLB-10	STA. 81+50, 35LT	PLB-11	STA. 83+15, 33LT	---	---	167	1	---	---	---	173	---	---	501	---	---
PLB-11	STA. 83+15, 33LT	Pole-18	STA. 83+25, 33LT	---	10	---	---	1	---	156	16	---	---	30	---	---
TOTALS FOR CATEGORY 0030				1	5,358	550	19	18	2	2,808	5,884	3,756	11,001	1	1	2

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

LIGHTING MATERIAL

NOTE: ALL ITEMS ON THIS SHEET ARE CATEGORY 0030

LOCATION FROM ID	FROM STATION	TO ID	TO STATION	*** 657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0327 POLES TYPE 6-ALUMINUM EACH	657.0715 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 15-FT EACH	659.1130 LUMINAIRES UTILITY LED D EACH	SPV.0060.02 PAINTED BLACK TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.03 PAINTED BLACK POLES TYPE 6-ALUMINUM EACH	SPV.0060.04 PAINTED BLACK LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 15-FT EACH	SPV.0060.05 PAINTED BLACK LUMINAIRES UTILITY LED D EACH
PLB-1	STA. 32+25, 45RT	Pole-1	STA. 32+35, 45RT	1	1	1	1	1	1	1	1
PLB-13	STA. 29+85, 33LT	Pole-2	STA. 27+75, 33LT	1	1	1	1	1	1	1	1
PLB-12	STA. 25+82, 33LT	Pole-3	STA. 23+82, 33LT	1	1	1	1	1	1	1	1
Pole-3	STA. 23+82, 33LT	Pole-4	STA. 20+81, 34.5LT	1	1	1	1	1	1	1	1
PLB-18	STA. 34+25, 33LT	Pole-5	STA. 35+75, 33LT	1	1	1	1	1	1	1	1
Pole-5	STA. 35+75, 33LT	Pole-6	STA. 39+15, 33LT	1	1	1	1	1	1	1	1
PLB-6	STA. 41+50, 60RT	Pole-7	STA. 41+60, 60RT	1	1	1	1	1	1	1	1
PLB-14	STA. 65+57, 29LT	Pole-8	STA. 59+50, 29LT	1	1	1	1	1	1	1	1
PLB-15	STA. 61+61, 29LT	Pole-9	STA. 59+50, 29LT	1	1	1	1	1	1	1	1
Pole-9	STA. 59+50, 29LT	Pole-10	STA. 56+29, 28.5LT	1	1	1	1	1	1	1	1
PLB-9	STA. 52+60, 45LT	Pole-11	STA. 52+50, 45LT	1	1	1	1	1	1	1	1
PLB-16	STA. 49+90, 34LT	Pole-12	STA. 47+25, 33LT	1	1	1	1	1	1	1	1
PLB-7	STA. 67+40, 28LT	Pole-13	STA. 67+50, 28LT	1	1	1	1	1	1	1	1
Pole-13	STA. 67+50, 28LT	Pole-14	STA. 70+25, 29LT	1	1	1	1	1	1	1	1
PLB-17	STA. 72+12, 29LT	Pole-15	STA. 74+00, 29LT	1	1	1	1	1	1	1	1
Pole-15	STA. 74+00, 29LT	Pole-16	STA. 77+00, 29LT	1	1	1	1	1	1	1	1
Pole-16	STA. 77+00, 29LT	Pole-17	STA. 79+75, 34LT	1	1	1	1	1	1	1	1
PLB-11	STA. 83+15, 33LT	Pole-18	STA. 83+25, 33LT	1	1	1	1	1	1	1	1
TOTALS FOR CATEGORY 0030				18	18	18	18	18	18	18	18

***ADDITIONAL QUANTITY SHOWN ELSEWHERE

STORM SEWER SUMMARY

STRUCTURE NUMBER	STRUCT TYPE	CENTER OF STRUCTURE STATION	LOCATION	TO STRUCTURE	*** 611.2004 MANHOLES 4' DIA EA	*** 611.2005 MANHOLES 5' DIA EA	*** 611.3230 INLETS 2X3-FT EA	*** 611.3004 INLETS 4' DIA EA	*** 611.0530 MANHOLE COVERS TYPE J EA	611.0639 INLET COVERS TYPE HS EA	*** 611.0624 INLET COVERS TYPE H EA	TOP OF CURB ELEVATION	GRATE, RIM (FLOW) ELEVATION	TOP OF STRUCTURE	INVERT ELEVATION	DEPTH OF STRUCTURE (FT)	INLET PIPE INVERT ELEVATION	DISCHARGE PIPE OUTLET ELEVATION	SLOPE	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 608.0412 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0424 24-INCH LF	608.0430 30-INCH LF
CATEGORY 0040																								
S15	INL	12+36.9	20.6' RT	S14	-	-	1	-	-	1	-	643.53	643.03	642.53	638.83	3.70	638.83	638.79	0.50%	8	-	-	-	-
S14	INL	12+44.2	17.6' RT	S11	-	-	1	-	-	1	-	643.44	642.94	642.44	638.54	3.90	638.54	638.45	0.50%	-	18	-	-	-
S13	INL	12+36	16.7' LT	S12	-	-	1	-	-	-	1	643.60	643.10	642.60	638.91	3.69	638.91	638.87	0.50%	8	-	-	-	-
S12	INL	12+44	16.7' LT	-	-	-	1	-	-	-	1	643.64	643.14	642.64	638.78	3.86	-	-	-	-	-	-	-	-
S11	MH	12+41.5	0.5' LT	S7	1	-	-	-	1	-	-	643.70	643.70	643.20	637.70	5.50	637.70	637.34	0.51%	-	-	-	71	-
S10	INL	11+78.9	16.9' RT	S9	-	-	1	-	-	-	1	643.19	642.69	642.19	638.47	3.72	638.47	638.43	0.50%	8	-	-	-	-
S9	INL	11+70.8	16.9' RT	S7	-	-	1	-	-	-	1	643.17	642.67	642.17	638.18	3.99	638.18	638.09	0.50%	-	18	-	-	-
S8	INL	11+71	16.7' LT	S7	-	-	1	-	-	-	1	643.34	642.84	642.34	638.42	3.92	638.42	638.34	0.50%	16	-	-	-	-
S7	MH	11+70.9	1.0' LT	EX MH	-	1	-	-	1	-	-	643.27	643.27	642.77	636.34	6.43	636.34	635.00	1.35%	-	-	-	-	99
S6	INL	12+29.4	17.4' LT	S5	-	-	1	-	-	1	-	643.93	643.43	642.93	640.87	2.06	640.87	640.83	0.50%	8	-	-	-	-
S5	INL	12+21.6	17.4' LT	S3	-	-	1	-	-	1	-	643.90	643.40	642.90	640.83	2.07	640.83	640.66	0.49%	35	-	-	-	-
S4	INL	12+29.9	17.5' RT	S3	-	-	1	-	-	1	-	644.02	643.52	643.02	640.70	2.32	640.70	640.66	0.50%	8	-	-	-	-
S3	INL	12+21.8	17.5' RT	S1	-	-	1	-	-	1	-	644.00	643.50	643.00	640.36	2.64	640.36	640.09	0.49%	-	55	-	-	-
S2	INL	11+67.7	17.9' LT	S1	-	-	1	-	-	1	-	643.89	643.39	642.89	640.52	2.37	640.52	640.34	0.50%	36	-	-	-	-
S1	INL	11+67.2	18.0' RT	EX MH	-	-	-	1	-	1	-	643.90	643.40	642.90	640.09	2.81	640.09	639.56	0.46%	-	-	114	-	-
			CATEGORY 0040 TOTAL		1	1	12	1	2	8	5									127	91	114	71	99

*** CONSTRUCTION STAKING

CATEGORY	STATION TO STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EA	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB AND GUTTER LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0040	10+69 - 12+09	CRAWFORD	-	140	140	280	280
0040	10+92 - 12+49	WELLS	9	160	160	264	264
0040	10+82 - 13+90	BROADWAY	6	310	310	601	601
	CATEGORY 0040 TOTAL		15	610	610	1145	1145

FINISHING ITEMS

CATEGORY	STATION TO STATION	LOCATION	*** 628.2006 Erosion Mat Urban Class I Type A S.Y.	625.0500 Salvaged Topsoil S.Y.	*** 630.0140 Seeding Mixture No. 40 LB	*** 629.0210 Fertilizer Type B CWT
0040	10+69 - 12+09 LT	CRAWFORD	180	180	3.2	0.1
0040	10+92 - 12+49 RT & LT	WELLS	120	120	2.2	0.1
0040	10+82 - 13+90 RT & LT	BROADWAY	690	690	12.4	0.5
	CATEGORY 0040 TOTAL		990	990	17.8	0.7

*** ADDITIONAL QUANTITY SHOWN ELSEWHERE

*** ADDITIONAL QUANTITY SHOWN ELSEWHERE

SAWING ASPHALT

CATEGORY	STATION TO STATION	LOCATION	*** 690.0150 SAWING ASPHALT L.F.
0040	10+69	CRAWFORD	29
0040	12+09	CRAWFORD	30
0040	10+69 - 12+09	CRAWFORD	122
0040	10+93 - 11+31	WELLS	68
0040	12+48	WELLS	29
0040	12+05 - 12+30	WELLS	27
0040	11+82 - 12+18	WELLS	35
0040	10+82	BROADWAY	29
0040	13+90	BROADWAY	24
0040	11+80 - 12+04 LT	BROADWAY	24
0040	11+80 - 12+04 RT	BROADWAY	29
0040	11+09 - 11+28 LT	BROADWAY	19
0040	11+38 - 11+54 RT	BROADWAY	16
0040	13+74 - 13+88 LT	BROADWAY	15
0040	13+74 - 13+88 RT	BROADWAY	15
	CATEGORY 0040 TOTAL		511

SAWING CONCRETE

CATEGORY	STATION TO STATION	LOCATION	*** 690.0250 SAWING CONCRETE L.F.
0040	10+90 - 10+95 LT	CRAWFORD	10
0040	12+49 LT	WELLS	5
0040	11+93 RT	WELLS	5
0040	13+13 - 13+27 LT	BROADWAY	15
	CATEGORY 0040 TOTAL		35

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION TO STATION	LOCATION	*** 204.0110 REMOVING ASPHALTIC SURFACE S.Y.
0040	11+75, LT	CRAWFORD	22
0040	10+66 - 11+90	CRAWFORD	48
0040	10+68 - 12+09	CRAWFORD	445
0040	10+92 - 12+49	WELLS	501
0040	11+82 - 12+19 LT	WELLS	16
0040	11+36 - 12+02 RT	WELLS	32
0040	11+09 - 11+28 LT	BROADWAY	10
0040	11+38 - 11+54 RT	BROADWAY	13
0040	13+74 - 13+88 LT	BROADWAY	14
0040	13+74 - 13+88 RT	BROADWAY	13
0040	10+82 - 13+90	BROADWAY	1140
	CATEGORY 0040 TOTAL		2254

BASE COURSE ITEMS

CATEGORY	STATION TO STATION	LOCATION	*** 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	*** 624.0100 WATER MGAL
0040	10+69 - 12+09	CRAWFORD	250	1
0040	10+92 - 12+49	WELLS	280	1
0040	10+82 - 13+90	BROADWAY	630	3
	CATEGORY 0040 TOTAL		1160	5

ASPHALTIC PAVEMENT ITEMS

CATEGORY	STATION TO STATION	LOCATION	*** 455.0605 TACK COAT GAL	*** 465.0105 ASPHALTIC SURFACE TON
0040	11+75, LT	CRAWFORD	1	5
0040	10+66 - 11+90	CRAWFORD	2	11
0040	10+68 - 12+09	CRAWFORD	22	102
0040	10+92 - 12+49	WELLS	25	115
0040	11+82 - 12+19 LT	WELLS	1	4
0040	11+36 - 12+02 RT	WELLS	2	7
0040	11+09 - 11+28 LT	BROADWAY	1	2
0040	11+38 - 11+54 RT	BROADWAY	1	3
0040	13+74 - 13+88 LT	BROADWAY	1	3
0040	13+74 - 13+88 RT	BROADWAY	1	3
0040	10+82 - 13+90	BROADWAY	57	262
	CATEGORY 0040 TOTAL		113	518

CONCRETE CURB & GUTTER

CATEGORY	STATION TO STATION	LOCATION	*** 601.0411 CONCRETE CURB AND GUTTER 30-INCH TYPE D LF
0040	10+69 - 12+09 LT	CRAWFORD	140
0040	10+69 - 12+09 RT	CRAWFORD	140
0040	11+31 - 12+49 LT	WELLS	117
0040	10+92 - 12+03 RT	WELLS	120
0040	12+31 - 12+47 RT	WELLS	27
0040	10+82 - 11+77 RT	BROADWAY	108
0040	12+06 - 13+89 RT	BROADWAY	197
0040	10+82 - 11+77 LT	BROADWAY	104
0040	12+06 - 13+89 LT	BROADWAY	192
	CATEGORY 0040 TOTAL		1145

*** ADDITIONAL QUANTITY SHOWN ELSEWHERE

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION TO STATION	LOCATION	*** 204.0155 REMOVING CONCRETE SIDEWALK S.Y.
0040	10+75, LT	CRAWFORD	6
0040	10+93, LT	CRAWFORD	5
0040	10+71 - 12+49 LT	WELLS	100
0040	11+00 - 11+36 RT	WELLS	42
0040	11+93 - 12+03 RT	WELLS	7
	CATEGORY 0040 TOTAL		160

REMOVING CURB AND GUTTER

CATEGORY	STATION TO STATION	LOCATION	*** 204.0150 REMOVING CURB AND GUTTER LF
0040	10+69 - 12+09 LT	CRAWFORD	140
0040	10+69 - 12+09 RT	CRAWFORD	140
0040	11+31 - 12+49 LT	WELLS	117
0040	10+92 - 12+03 RT	WELLS	120
0040	12+31 - 12+47 RT	WELLS	27
0040	10+82 - 11+77 RT	BROADWAY	108
0040	12+06 - 13+89 RT	BROADWAY	197
0040	10+82 - 11+77 LT	BROADWAY	104
0040	12+06 - 13+89 LT	BROADWAY	192
	CATEGORY 0040 TOTAL		1145

CONCRETE SIDEWALK

CATEGORY	STATION TO STATION	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH S.F.
0040	10+75, LT	CRAWFORD	45
0040	10+93, LT	CRAWFORD	22
0040	10+71 - 12+49 LT	WELLS	691
0040	11+93 - 12+03 RT	WELLS	56
	CATEGORY 0040 TOTAL		814

CONCRETE DRIVEWAY

CATEGORY	STATION TO STATION	LOCATION	*** 416.0160 CONCRETE DRIVEWAY, 6-INCH S.Y.
0040	11+78 - 12+19 LT	WELLS	22
0040	11+00 - 11+36 RT	WELLS	42
0040	13+13 - 13+27 LT	BROADWAY	8
	CATEGORY 0040 TOTAL		72

INLET PROTECTION

STATION	LOCATION	*** 628.7015 INLET PROTECTION TYPE C EACH
11+71, LT	WELLS	1
11+71, RT	WELLS	1
11+79, RT	WELLS	1
12+36 LT	WELLS	1
12+44 LT	WELLS	1
12+37 RT	WELLS	1
12+44 RT	WELLS	1
11+58, RT	BROADWAY	1
11+58, LT	BROADWAY	1
12+22, LT	BROADWAY	1
12+22, RT	BROADWAY	1
12+29, LT	BROADWAY	1
12+29, RT	BROADWAY	1
CATEGORY 0040 TOTAL		13

COMMON EXCAVATION

CATEGORY	STATION TO STATION	LOCATION	*** 205.0100 COMMON EXCAVATION C.Y.
0040	10+69 - 12+09	CRAWFORD	190
0040	10+92 - 12+49	WELLS	200
0040	10+82 - 13+90	BROADWAY	460
	CATEGORY 0040 TOTAL		850

CURB RAMP DETECTABLE WARNING FIELD YELLOW

STATION	LOCATION	*** 602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
11+98 RT	WELLS	8
	CATEGORY 0040 TOTAL	8

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.01, AMENDMENT NO. 1

THIS AMENDMENT REVISES UTILITY OWNER OF UTILITY NUMBER 102 OF TRANSPORTATION PLAT 1661-05-26-4.01, RECORDED AS DOCUMENT NO. 326140 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1 & 2, CSM 643 (RECORDED IN V.5, P.49, AS DOC. 238928); THAT PART OF LOT 2, CSM 781 (RECORDED IN V.6, P.75, AS DOC. 257193); THAT PART OF BLOCKS 53, 58, 59 & 60, PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO.1; THAT PART OF LOT 1 & 2, CSM 1265 (RECORDED IN V.11, P.32, AS DOC. 305395); THAT PART OF LOT 1, CSM 1039 (RECORDED IN V.8, P.93, AS DOC. 286228); THAT PART OF VACATED LESSARD ROAD; ALL LOCATED IN FARM LOT 39; AND THAT PART OF BLOCK 65, PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO. 1; AND THAT PART OF LOT 2, CSM 643 (RECORDED IN V.5, P.49, AS DOC. 238928); ALL LOCATED IN FARM LOT 40, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT ... O'CLOCK ... M. ON ... AS DOCUMENT # ... AND FILED IN ...

SIGNATURE OF REGISTER OF DEEDS

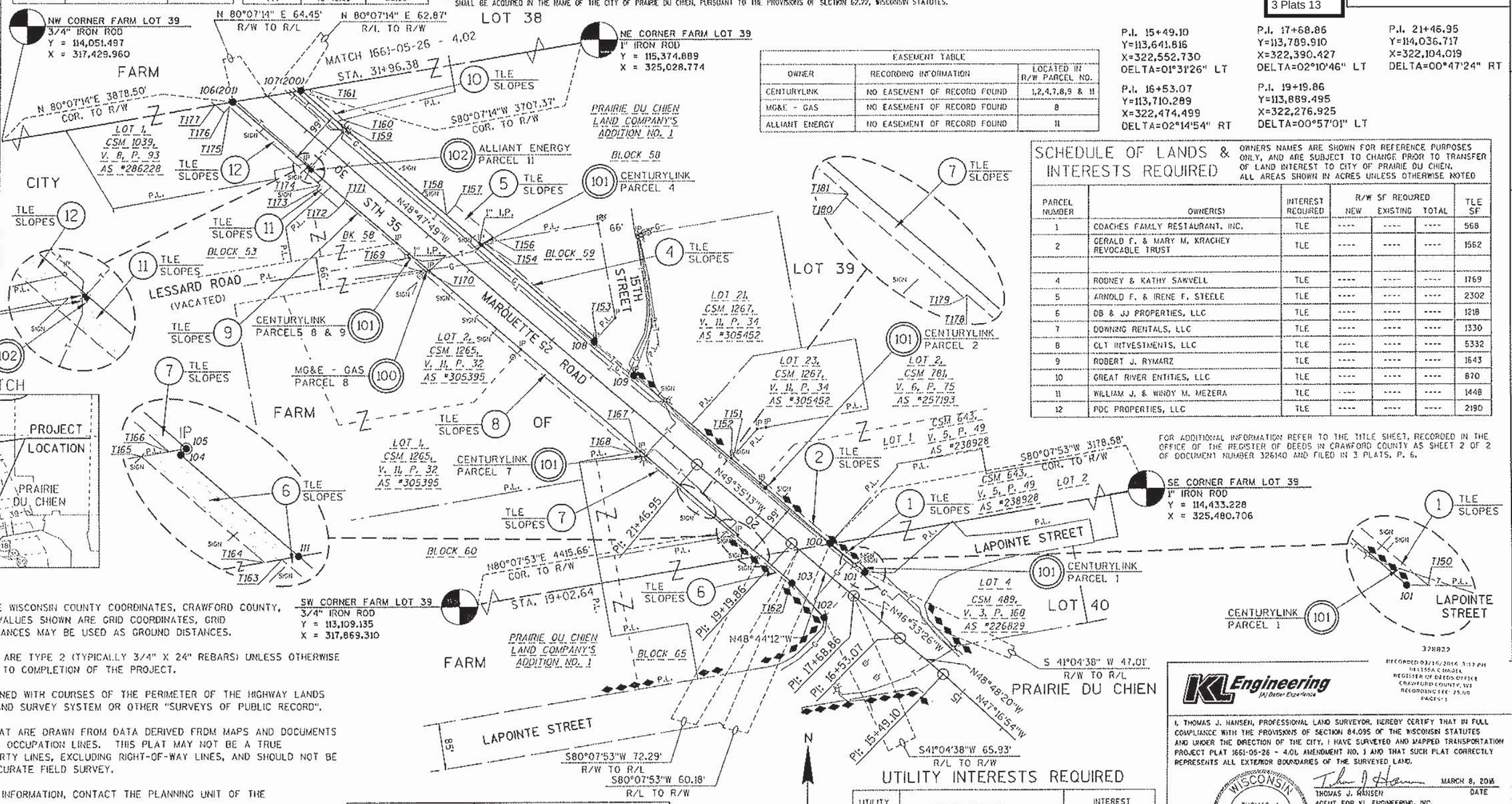
3/16/16
Doc:328822
3 Plats 13

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.01
AMENDMENT NO. 1

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T150	17+75.31	53.52'
T151	21+06.97	55.68'
T152	21+06.06	49.18'
T153	24+40.22	55.98'
T154	27+12.77	55.77'
T155	26+97.80	74.28'
T156	28+00.00	74.28'
T157	28+00.00	49.20'
T158	30+69.25	48.99'
T159	30+62.34	58.99'
T161	31+48.81	58.92'
T162	18+69.69	60.54'
T163	19+52.30	60.03'
T164	19+56.40	64.96'
T165	20+16.24	64.05'
T166	20+09.60	56.10'
T167	22+45.36	54.38'
T168	22+49.39	59.38'
T169	27+62.62	59.77'
T170	27+58.58	54.77'
T171	29+57.52	54.92'
T172	29+57.51	70.80'
T173	30+12.21	71.77'
T174	30+12.01	60.97'
T175	32+35.69	61.15'
T176	32+35.68	76.15'
T177	32+57.88	76.16'
T178	20+67.74	55.34'
T179	20+67.77	57.34'
T180	21+39.84	56.40'
T181	21+39.81	54.40'

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	S46° 50' 31"E	81.93'
101-102	S41° 04' 38"W	112.94'
102-103	N41° 56' 07"W	87.73'
103-111	N48° 42' 26"W	77.69'
111-104	N48° 42' 26"W	57.31'
104-105	N41° 17' 34"E	3.06'
105-106	N46° 50' 31"W	1232.11'
106-107	N80° 07' 14"E	127.32'
107-108	S46° 50' 31"E	716.67'
108-109	S46° 50' 31"E	96.76'
109-100	S46° 50' 31"E	478.61'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
100	18+64.88	46.86'
101	17+82.94	47.01'
102	17+82.58	65.93'
103	18+69.68	55.54'
104	20+05.80	54.21'
105	20+05.95	51.15'
106	32+36.87	50.15'
107	31+50.89	48.92'
108	24+40.21	49.48'
109	23+43.46	49.66'
111	19+48.20	55.09'



P.I. 15+49.10	P.I. 17+68.86	P.I. 21+46.95
Y=113,641.816	Y=113,789.910	Y=114,036.717
X=322,552.730	X=322,390.427	X=322,104.019
DELTA=01°31'26" LT	DELTA=02°10'46" LT	DELTA=00°47'24" RT
P.I. 16+53.07	P.I. 19+19.86	
Y=113,710.289	Y=113,889.495	
X=322,474.499	X=322,276.925	
DELTA=02°14'54" RT	DELTA=00°57'01" LT	

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	1,2,4,7,8,9 & 11
MG&E - GAS	NO EASEMENT OF RECORD FOUND	8
ALLIANT ENERGY	NO EASEMENT OF RECORD FOUND	11

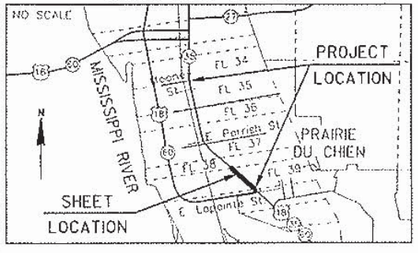
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF
1	COACHES FAMILY RESTAURANT, INC.	TLE	----	----	----	568
2	GERALD F. & MARY M. KRACHEY REVOCABLE TRUST	TLE	----	----	----	1562
4	RODNEY & KATHY SAWVELL	TLE	----	----	----	1769
5	ARNOLD F. & IRENE F. STEELE	TLE	----	----	----	2302
6	DB & JJ PROPERTIES, LLC	TLE	----	----	----	1218
7	DOWNING RENTALS, LLC	TLE	----	----	----	1330
8	CLT INTVESTMENTS, LLC	TLE	----	----	----	5332
9	ROBERT J. RYMARZ	TLE	----	----	----	1643
10	GREAT RIVER ENTITIES, LLC	TLE	----	----	----	870
11	WILLIAM J. & WINDY M. MEZERA	TLE	----	----	----	1448
12	PDC PROPERTIES, LLC	TLE	----	----	----	2190

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

LOCATION SKETCH



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

EXISTING ACCESS CONTROL ALONG STH 35 IS ESTABLISHED FROM PREVIOUS PROJECT 1661-09-21.

HIGHWAY	BASIS
STH 35-MARQUETTE ROAD	PROJECT S 1661-09-21, 1661-02-21, 1661-05-25, & 9436, CSM'S 489, 643, 781, 1267, 1265 & 1039
LAPOINTE STREET	PROJECT 1661-05-25

SCALE, FEET
0 100 200

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E - GAS	RELEASE OF RIGHTS
101	CENTURYLINK	RELEASE OF RIGHTS
102	ALLIANT ENERGY	RELEASE OF RIGHTS

328822
RECORDED 03/16/2016 3:13 PM
MELISSA S DAVIES
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 3

KL Engineering
Be Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.01, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
THOMAS J. HANSEN
S-2033
MADISON, WISCONSIN
LAND SURVEYOR

MARCH 8, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

3/15/16
AARON KRAMER - CITY ADMINISTRATOR — DATE

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.01

THAT PART OF LOTS 1 & 2, CSM 643 (RECORDED IN V.5, P.49, AS DOC. 238928); THAT PART OF LOT 2, CSM 781 (RECORDED IN V.6, P.75, AS DOC. 257193); THAT PART OF BLOCKS 53, 58, 59 & 60, PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO.1; THAT PART OF LOT 1 & 2, CSM 1265 (RECORDED IN V.11, P.32, AS DOC. 305395); THAT PART OF LOT 1, CSM 1039 (RECORDED IN V.8, P.93, AS DOC. 286228); THAT PART OF VACATED LESSARD ROAD; ALL LOCATED IN FARM LOT 39; AND THAT PART OF BLOCK 65, PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO. 1; AND THAT PART OF LOT 2, CSM 643 (RECORDED IN V.5, P.49, AS DOC. 238928); ALL LOCATED IN FARM LOT 40, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 10:21 AM ON May 6, 2015 AS DOCUMENT # 326140 AND FILED IN 3 Plats 6

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.01
SHEET 1 OF 2

5/6/15
Doc:326140
3 Plats 6

326140
RECORDED 05/06/2015 10:21 AM
MELISSA C. HOGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 2

N

SCALE, FEET
0 100 200

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T150	17+75.31	53.52'
T151	21+05.97	55.68'
T152	21+06.06	49.18'
T153	24+40.22	55.98'
T154	27+12.77	55.77'
T156	26+97.80	74.28'
T157	28+00.00	74.28'
T158	28+00.00	49.20'
T159	30+89.25	48.99'
T160	30+62.34	58.99'
T161	31+48.81	58.92'
T162	18+69.69	60.54'
T163	19+52.30	60.03'
T164	19+56.40	64.96'
T165	20+16.24	64.05'
T166	20+09.60	56.10'
T167	22+45.38	54.38'
T168	22+49.39	59.38'
T169	27+62.62	59.77'
T170	27+58.58	54.77'
T171	29+57.52	54.92'
T172	29+57.51	70.80'
T173	30+12.21	71.77'
T174	30+12.01	60.97'
T175	32+35.69	61.15'
T176	32+35.68	76.15'
T177	32+57.88	76.16'
T178	20+87.74	55.34'
T179	20+87.77	57.34'
T180	21+39.64	56.40'
T181	21+39.61	54.40'

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	S48° 50' 31"E	81.93'
101-102	S41° 04' 38"W	112.94'
102-103	N41° 56' 07"W	87.73'
103-111	N48° 42' 26"W	77.89'
111-104	N48° 42' 26"W	57.31'
104-105	N41° 17' 34"E	3.06'
105-106	N48° 50' 31"W	1232.11'
106-107	N80° 07' 14"E	127.32'
107-108	S48° 50' 31"E	716.67'
108-109	S48° 50' 31"E	96.76'
109-100	S48° 50' 31"E	478.91'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
100	18+84.88	46.86'
101	17+82.94	47.01'
102	17+82.58	85.93'
103	18+69.68	55.54'
104	20+05.80	54.21'
105	20+05.95	51.15'
106	32+36.87	50.15'
107	31+56.89	48.92'
108	24+40.21	49.46'
109	23+43.46	49.56'
111	19+48.20	55.09'

P.I. 15+49.10
Y=113,641.816
X=322,552.730
DELTA=01°31'26" LT

P.I. 16+53.07
Y=113,710.289
X=322,474.499
DELTA=02°14'54" RT

P.I. 17+68.86
Y=113,789.910
X=322,390.427
DELTA=02°10'46" LT

P.I. 19+19.86
Y=113,889.495
X=322,276.925
DELTA=00°57'01" LT

P.I. 21+46.95
Y=114,036.717
X=322,104.019
DELTA=00°47'24" RT

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	1,2,4,7,8,9 & 11
MG&E - GAS	NO EASEMENT OF RECORD FOUND	8
ATC MANAGEMENT	NO EASEMENT OF RECORD FOUND	11

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF
1	COACHES FAMILY RESTAURANT, INC.	TLE	----	----	----	568
2	GERALD F. & MARY M. KRACHEY REVOCABLE TRUST	TLE	----	----	----	1562
4	RODNEY & KATHY SAWVELL	TLE	----	----	----	1769
5	ARNOLD F. & IRENE F. STEELE	TLE	----	----	----	2302
6	DB & JJ PROPERTIES, LLC	TLE	----	----	----	1218
7	DOWNING RENTALS, LLC	TLE	----	----	----	1330
8	CLT INTVESTMENTS, LLC	TLE	----	----	----	5332
9	ROBERT J. RYMARZ	TLE	----	----	----	1643
10	GREAT RIVER ENTITIES, LLC	TLE	----	----	----	870
11	WILLIAM J. & MINDY M. MEZERA	TLE	----	----	----	1448
12	PDC PROPERTIES, LLC	TLE	----	----	----	2190

NW CORNER FARM LOT 39
3/4" IRON ROD
Y = 114,051.497
X = 317,429.960

NE CORNER FARM LOT 39
1" IRON ROD
Y = 115,374.889
X = 325,028.774

SE CORNER FARM LOT 39
1" IRON ROD
Y = 114,433.228
X = 325,480.706

SW CORNER FARM LOT 39
3/4" IRON ROD
Y = 113,109.135
X = 317,869.310

N 80°07'14" E 64.45' R/W TO R/L
N 80°07'14" E 62.87' R/L TO R/W
MATCH 1661-05-26 - 4.02 STA. 31+96.38
N 80°07'14"E 3878.50' COR. TO R/W
S80°07'14"W 3707.37' COR. TO R/W
S80°07'53"W 3178.58' COR. TO R/W
N80°07'53"E 4415.66' COR. TO R/W
STA. 19+02.64
S 41°04'38" W 47.01' R/W TO R/L
S41°04'38"W 65.93' R/L TO R/W
S80°07'53"W 72.29' R/W TO R/L
S80°07'53"W 60.18' R/L TO R/W

FARM
CITY
LOT 38
LOT 39
LOT 40
OF FARM
PRAIRIE DU CHIEN

LOT 1, CSM 1039, V. 8, P. 93, AS #286228
LOT 1, CSM 1265, V. 11, P. 32, AS #305395
LOT 2, CSM 1265, V. 11, P. 32, AS #305395
LOT 2, CSM 781, V. 6, P. 75, AS #257193
LOT 21, CSM 1267, V. 11, P. 34, AS #305452
LOT 23, CSM 1267, V. 11, P. 34, AS #305452
LOT 1, CSM 643, V. 5, P. 49, AS #238928
LOT 2, CSM 643, V. 5, P. 49, AS #238928
LOT 4, CSM 489, V. 3, P. 160, AS #226829

LESSARD ROAD (VACATED)
MARQUETTE ST ROAD
15TH STREET
LAPOINTE STREET
BLOCK 53
BLOCK 58
BLOCK 59
BLOCK 60
BLOCK 65
PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO. 1

N48°47'49"W
N49°35'13"W
N46°53'26"W
N48°44'12"W
N48°48'20"W
N47°16'54"W

PI: 21+46.95
PI: 19+19.86
PI: 17+68.86
PI: 16+53.07
PI: 15+49.10

ATC MANAGEMENT PARCEL 11 (102)
CENTURYLINK PARCEL 11 (101)
CENTURYLINK PARCELS 8 & 9 (101)
MG&E - GAS PARCEL 8 (100)
CENTURYLINK PARCEL 7 (101)
CENTURYLINK PARCEL 4 (101)
CENTURYLINK PARCEL 2 (101)
CENTURYLINK PARCEL 1 (101)

TLE SLOPES 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12

LOCATION SKETCH
NO SCALE
PROJECT LOCATION
SHEET LOCATION
PRAIRIE DU CHIEN
MISSISSIPPI RIVER

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

EXISTING ACCESS CONTROL ALONG STH 35 IS ESTABLISHED FROM PREVIOUS PROJECT 1661-09-21.

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 1661-09-21, 1661-02-21, 1661-05-25, & 9436, CSM'S 489, 643, 781, 1267, 1265 & 1039
LAPOINTE STREET	PROJECT 1661-05-25

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E - GAS	RELEASE OF RIGHTS
101	CENTURYLINK	RELEASE OF RIGHTS
102	ATC MANAGEMENT	RELEASE OF RIGHTS

KL Engineering

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

04/23/2015
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

5/5/15
AARON KRAMER - CITY ADMINISTRATOR — DATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION PROJECT PLAT TITLE SHEET

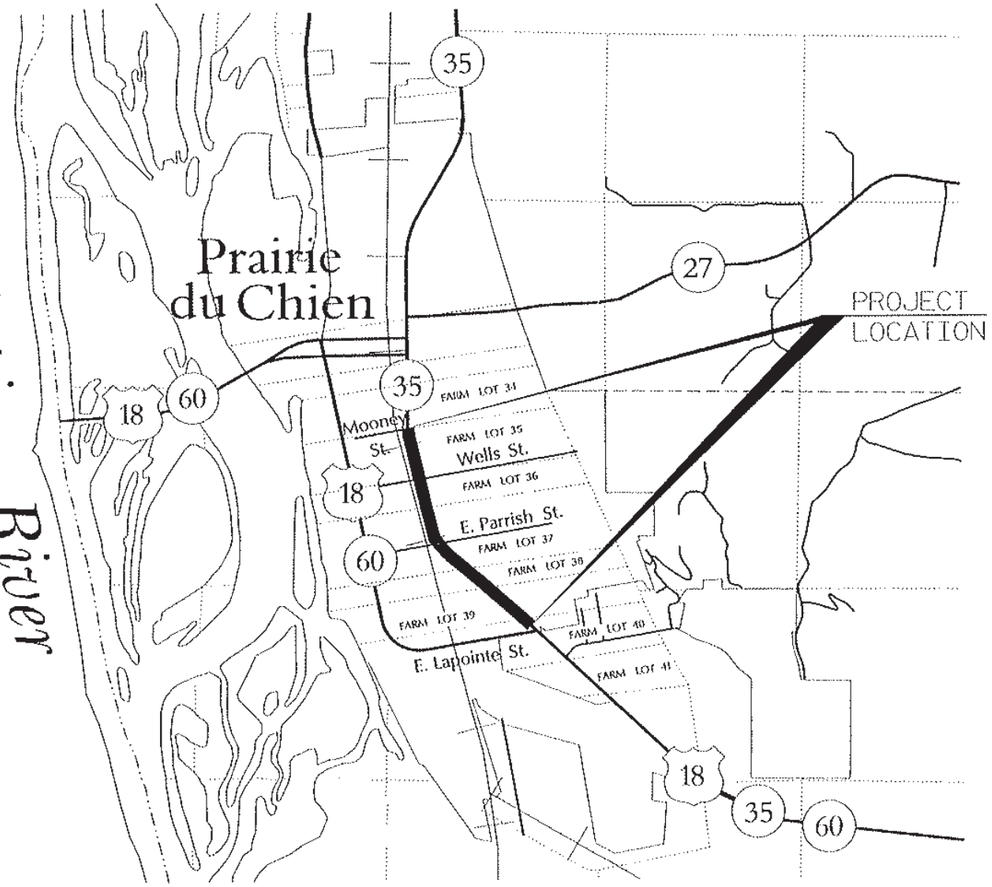
PROJECT NO. 1661-05-26

CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LA POINTE STREET TO MOONEY STREET

STH 35

CRAWFORD COUNTY

THE NOTES, CONVENTIONAL SYMBOLS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 1661-05-26.



LAYOUT
SCALE 0 0.5 MI.

NOTES:

DISTANCES SHOWN FROM THE RIGHT-OF-WAY LINE TO BUILDINGS ARE APPROXIMATE ONLY.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) (1) US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY ¾" X 24" REBARS) UNLESS OTHERWISE NOTED, 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.

ALL RIGHT-OF-WAY LINES DEPICTED IN NON-ACQUISITION AREAS ARE INTENDED TO REESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENT

DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

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 TEMPORARY LIMITED EASEMENTS (TLES) EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A **HIGHWAY EASEMENT** (HE) IS AN EASEMENT FOR HIGHWAY PURPOSES, SO LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR LAPOINTE STREET IS ESTABLISHED FROM PREVIOUS PROJECT 1661-05-25.
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 35 (MARQUETTE ROAD) IS ESTABLISHED FROM PREVIOUS PROJECTS 1661-05-25, 1661-09-21, 1661-05-23, 1661-05-21, 1661-02-21 & DIVISION JOB 9436.
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 35 (MARQUETTE ROAD) IS ESTABLISHED FROM CSM'S 489, 643, 781 1267, 1265, 1039, 1362, 139 AND CHICAGO BURLINGTON & QUINCY RAILROAD COMPANY PLAT.

EXISTING ACCESS CONTROL ALONG STH 35 IS ESTABLISHED FROM PREVIOUS PROJECT 1661-09-21.

N

CONVENTIONAL ABBREVIATIONS

ACCESS POINT	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	REMAINING	REM.
ACRES	AC.	RIGHT-OF-WAY	R/W
AHEAD TANGENT	AH TAN	SECTION	SEC.
AND OTHERS	ET.AL.	SHED	S
BACK TANGENT	BK TAN	SQUARE FEET	SF
BLOCK	BK	STATION	STA.
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE
CERTIFIED SURVEY MAP	CSM	TLE POINT NUMBER	TXX
CONVEYANCE OF RIGHTS	CR	VOLUME	V.
CORNER	COR.		
DOCUMENT	DOC.		
EASEMENT	EASE.		
GARAGE	G		
HIGHWAY EASEMENT	HE		
HOUSE	H		
LAND CONTRACT	LC		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	P.L.		
RECORDED AS	(000')		

CURVE DATA

CENTRAL ANGLE OR DELTA	DELTA
DEGREE OF CURVE	D
LENGTH OF CURVE	L
LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
TANGENT	TAN

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	(SIZE 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	
SIGN	ISIGN	SLOPE INTERCEPTS	
		CORPORATE LIMITS	
FARM CORNER SYMBOL		ACCESS RESTRICTED (BY PREVIOUS ACQUISITION/CONTROL)	
PEF (RATIO VARIES)		ACCESS RESTRICTED (BY ACQUISITION)	
TEMPORARY LIMITED EASEMENT		NO ACCESS (BY STATUTORY AUTHORITY)	
PERMANENT LIMITED EASEMENT/HIGHWAY EASEMENT		SECTION LINE	
R/W BOUNDARY POINT	100	QUARTER LINE	
PARCEL NUMBER	(10)	SIXTEENTH LINE	
UTILITY NUMBER	(U2)	EXISTING RIGHT-OF-WAY LINE	
SIGN NUMBER (OFF PREMISE)	(S1)	PROPOSED REFERENCE LINE	
BUILDING		PARALLEL OFFSET	
FUTURE RIGHT-OF-WAY LINE		NATIONAL GEODETIC SURVEY MONUMENT	

CONVENTIONAL UTILITY SYMBOLS

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

PROJECT NUMBER 1661-05-26 4.01
SHEET 2 OF 2

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.02

THAT PART OF LOT 1, CSM 1039 (RECORDED IN V.8, P.93, AS DOC. 286238) & THAT PART OF BLOCKS 47 & 52, PRAIRIE DU CHIEN LAND COMPANY'S ADDITION NO. 1. ALL LOCATED IN FARM LOT 38, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

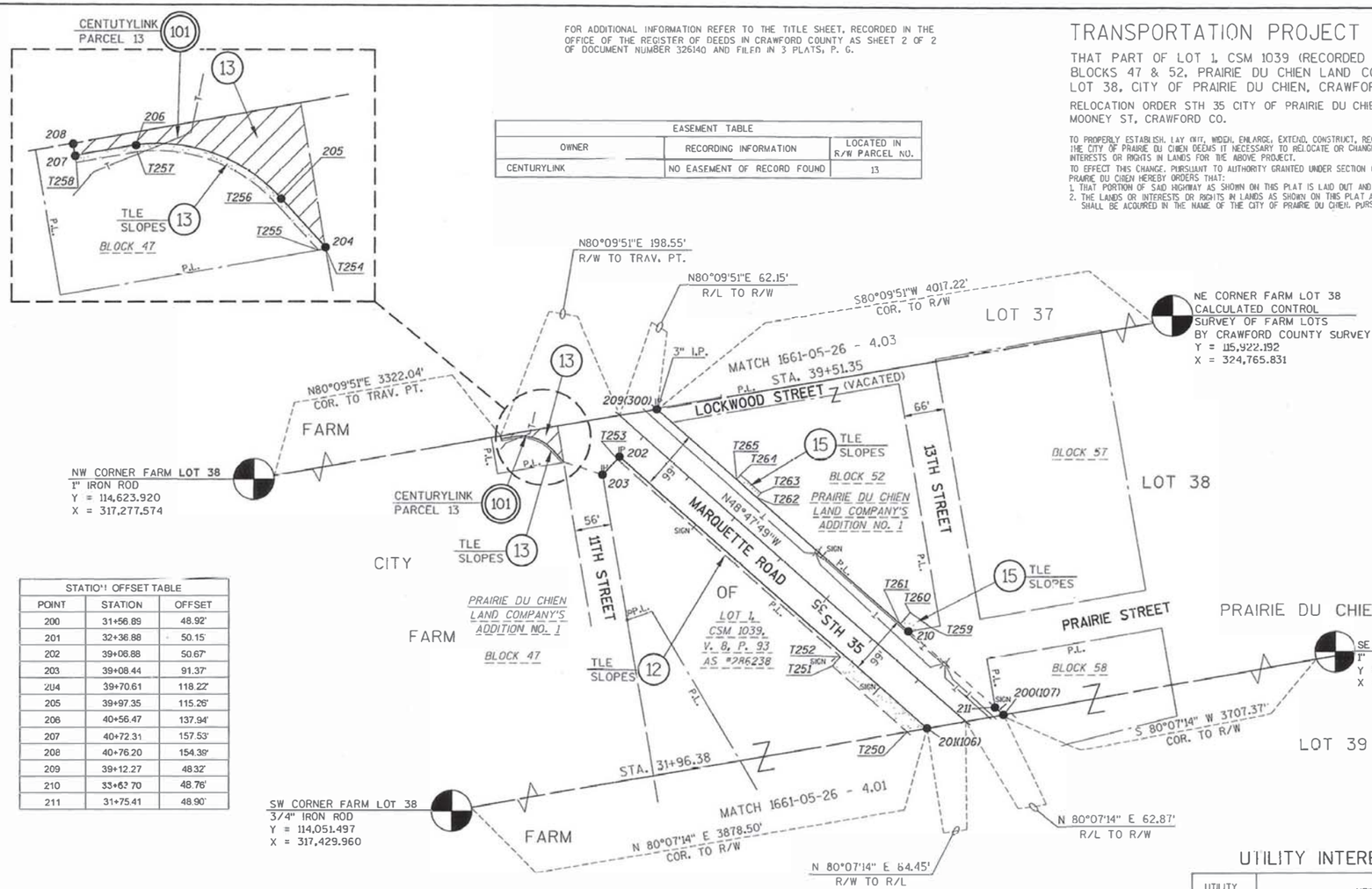
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:57 P.M ON May 8, 2015 AS DOCUMENT # 326172 AND FILED IN 3 PLAT

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.02

326172
RECORDED 05/08/2015 3:51 PM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 1

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	13



N

LOCATION SKETCH

STATION OFFSET TABLE		
POINT	STATION	OFFSET
200	31+56.89	48.92'
201	32+36.88	50.15'
202	39+06.88	50.67'
203	39+08.44	91.37'
204	39+70.61	118.22'
205	39+97.35	115.26'
206	40+56.47	137.94'
207	40+72.31	157.53'
208	40+76.20	154.39'
209	39+12.27	48.32'
210	33+62.70	48.76'
211	31+75.41	48.90'

COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	S80° 07' 14"W	127.32'
201-202	N48° 50' 31"W	670.01'
202-203	S43° 24' 27"W	40.73'
203-204	N72° 09' 28"W	67.72'
204-205	N42° 28' 37"W	26.91'
205-206	SEE CURVE NOTE	
208-207	S80° 09' 51"W	25.20'
207-206	N09° 50' 09"W	5.00'
208-209	N80° 09' 51"E	260.70'
209-210	S48° 50' 31"E	548.58'
210-211	S48° 50' 31"E	188.28'
211-200	S48° 50' 31"E	18.53'

CURVE 205-206

L=65.78'
LC=63.32'
LCB=N69°47'15"W
R=69.00'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T250	32+57.88	76.16'
T251	34+20.44	76.29'
T252	34+20.45	56.29'
T253	39+06.87	56.67'
T254	39+69.86	118.83'
T255	39+71.72	121.12'
T256	39+97.88	118.24'
T257	40+64.23	139.94'
T258	40+69.98	159.42'
T259	33+40.23	77.66'
T260	33+82.57	73.74'
T261	33+82.10	48.74'
T262	36+94.13	48.50'
T263	36+94.14	58.50'
T264	37+38.59	58.46'
T265	37+38.59	48.46'

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	CENTURYLINK	RELEASE OF RIGHTS

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 1661-02-21, 9436, & CSM 1039

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF
12	PDC PROPERTIES, LLC	TLE	----	----	----	7403
13	ROBERT M. & PENNY R. SELCH	FEE,TLE	1639	----	1639	349
15	SHREE SAI, INC	TLE	----	----	----	1127

SCALE. FEET
0 100 200

KL Engineering
We Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

04/23/2015
THOMAS J. HANSEN DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

AARON KRAMER - CITY ADMINISTRATOR DATE

4.02

FILE NAME : C:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP.DWG PLOT DATE : 07/05/2015 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ==========

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.03, AMENDMENT NO. 3

THIS AMENDMENT REVISES PARCEL 23 & REVISES EXISTING RIGHT-OF-WAY FROM POINTS 314, 315, 316, 321, 318, 335, 336, 319 & 320 OF TRANSPORTATION PLAT 1661-05-26-4.03, RECORDED AS DOCUMENT NO. 326173 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1 & 2, CSM 1362 (RECORDED IN V.12, P.4, AS DOC. 321191); THAT PART OF LOTS 9, 10 & 11, BLOCK 13, S.A. CLARK'S ADDITION; THAT PART OF LOTS 4 & 5, BLOCK 14, S.A. CLARK'S ADDITION; THAT PART OF LOT 1 BLOCK 172, LOTS 1, 2, 3, 9 & 12, BLOCK 191, LOTS 1, 3, 4, 5, 7 & 8, BLOCK 192, LOWER PRAIRIE DU CHIEN; THAT PART OF LOTS 1-6, INCLUSIVE, BLOCK 5; THAT PART OF LOTS 1, 2 & 6-10, INCLUSIVE, BLOCK 6, PARISH'S ADDITION TO PRAIRIE DU CHIEN; THAT PART OF VACATED 9TH STREET; THAT PART OF VACATED E. CAMPION BLVD; ALL LOCATED IN FARM LOT 37, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 9:23 AM ON May 3, 2017 AS DOCUMENT # 332331 AND FILED IN 3 PLAT 54 + 54A

Melissa C. Nagel Reg of Deeds
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.03
AMENDMENT NO. 3
SHEET 1 OF 2

5/3/17
Doc:332331
3 Plats 54 & 54A

332331
RECORDED 05/03/2017 9:11 AM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 29.00
PAGES: 2

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

HIGHWAY	BASIS
STH 35/ MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	14
ALLIANT ENERGY	NO EASEMENT OF RECORD FOUND	23

SCHEDULE OF SIGN STRUCTURES

SIGN NO.	SIGN OWNER	OASIS NO.
16-1	FAIRWAY OUTDOOR ADVERTISING, ROBERT M. & PENNY R. SELCH	2429

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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. FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

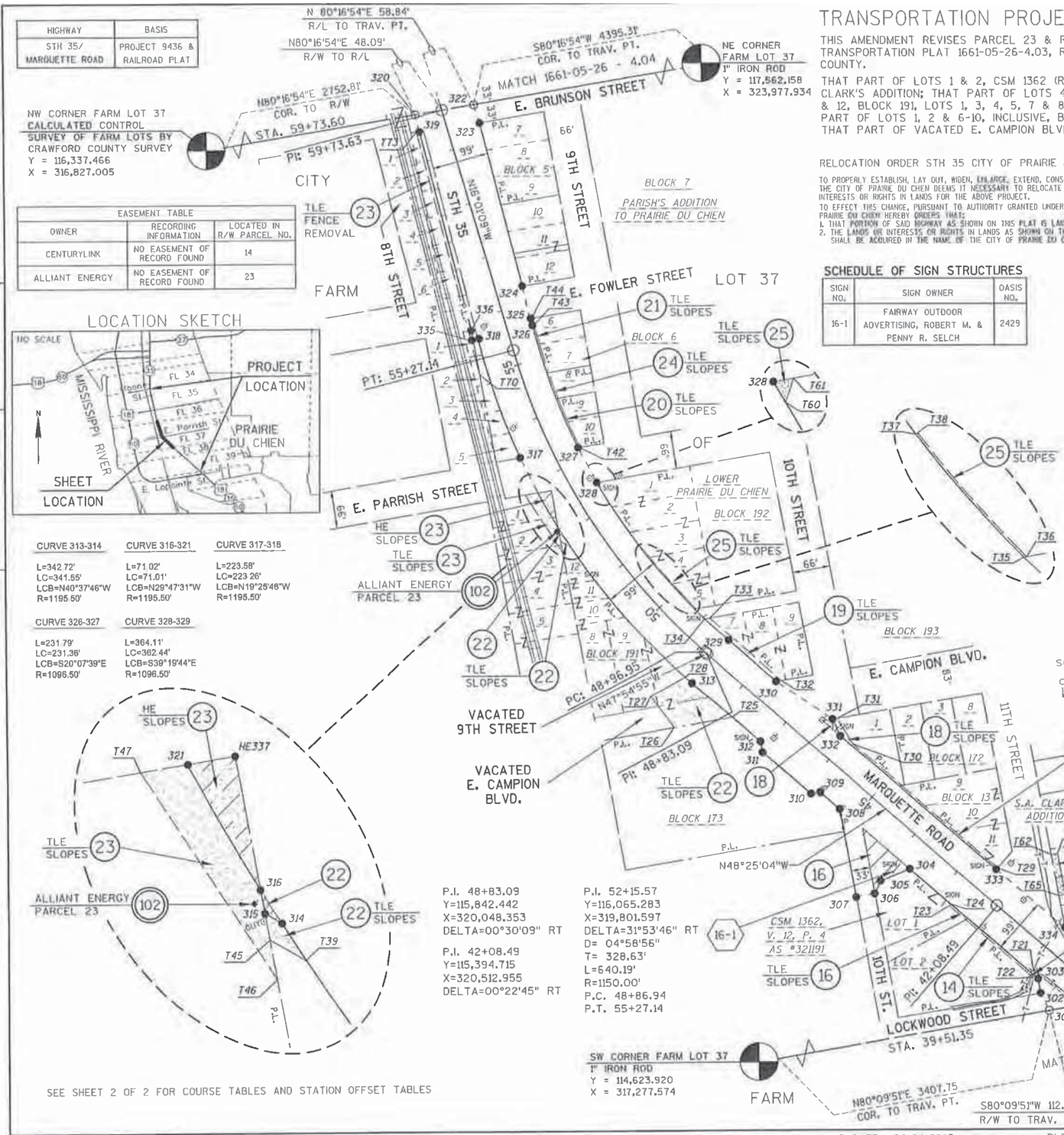
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
14	HESS REAL ESTATE, LLC	TLE	----	----	----	619	----
16	ROBERT M. & PENNY R. SELCH	FEE,TLE	3580	----	3580	940	----
17	JOHN A. & DORIS M. WILLIAMS	TLE	----	----	----	496	----
18	PRAIRIE HEALTH, LLC	FEE,TLE	265	----	265	857	----
19	SMETHURST FAMILY LIVING TRUST	TLE	----	----	----	1242	----
20	WILLIAM C. & SANDRA L. KUSSMAUL	TLE	----	----	----	285	----
21	APOSTOLIC LIGHTHOUSE, INC.	TLE	----	----	----	302	----
22	MARINE CREDIT UNION	FEE,TLE	42	----	42	6934	----
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE,HE	----	----	----	3883	818
24	KIMBERLY BENOY	TLE	----	----	----	146	----
25	CITY OF PRAIRIE DU CHIEN	TLE	----	----	----	318	----
30	LEON & MARIE NOORDHOEK	TLE	----	----	----	366	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	CENTURYLINK	RELEASE OF RIGHTS
102	ALLIANT ENERGY	RELEASE OF RIGHTS



SEE SHEET 2 OF 2 FOR COURSE TABLES AND STATION OFFSET TABLES

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.03, AMENDMENT NO. 3 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

APRIL 24, 2017
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

5/5/17
TINA FULLER - CITY CLERK/TREASURER — DATE

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-4.03 & 4.05 AMEND-3.DWG
PLOT DATE : 24/04/2017
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE :

4.03 AMEND. NO. 3

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.03, AMENDMENT NO. 3

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

SHEET 2 OF 2 FOR COURSE TABLES AND STATION OFFSET TABLES

STATION OFFSET TABLE		
POINT	STATION	OFFSET
300	39+12.27	48.32'
301	40+22.31	87.75'
302	40+48.08	67.20'
303	40+68.65	50.80'
304	43+65.87	52.08'
305	43+90.19	101.95'
306	43+82.85	125.99'
307	44+03.29	152.26'
308	45+28.52	53.28'
309	45+73.62	53.62'
310	45+84.05	66.26'
311	46+96.04	67.09'
312	47+11.70	54.64'
313	48+69.44	55.81'
314	51+96.62	55.82'
315	52+04.49	60.17'
316	52+14.99	55.80'
317	53+48.46	55.54'
318	55+63.45	54.30'
319	59+48.13	48.84'
320	59+77.23	47.95'
321	52+82.72	55.69'
322	59+67.14	58.49'
323	59+33.49	57.34'
324	56+32.75	47.12'
325	55+72.62	45.07'
326	55+60.08	44.64'
327	53+20.45	43.39'
328	52+48.21	43.25'
329	48+70.17	43.19'
330	47+60.82	44.00'
331	46+41.91	58.10'
332	46+12.51	45.10'
333	42+51.39	47.77'
334	40+92.41	48.18'
335	55+63.74	62.96'
336	55+81.28	61.27'
HE337	52+75.40	33.15'

COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	S80° 09' 51"W	174.89'
301-302	N10° 13' 58"W	32.95'
302-303	N10° 13' 58"W	26.31'
303-304	N48° 50' 31"W	297.58'
304-305	S67° 34' 48"W	55.49'
305-306	S24° 36' 14"W	25.13'
306-307	S79° 28' 08"W	33.29'
307-308	N10° 05' 36"W	159.82'
308-309	N48° 50' 31"W	45.11'
309-310	S81° 05' 29"W	16.39'
310-311	N48° 50' 31"W	112.00'
311-312	N09° 55' 01"W	20.00'
312-313	N48° 50' 31"W	157.75'
313-314	SEE CURVE NOTE	
314-315	N60° 00' 44"W	9.34'
315-316	N10° 13' 14"W	11.86'
316-321	SEE CURVE NOTE	
321-317	N26° 26' 19"W	68.91'
317-318	SEE CURVE NOTE	
318-335	S75° 55' 42"W	8.69'
335-336	N10° 27' 02"W	17.62'
336-319	N14° 04' 43"W	367.06'
319-320	N14° 04' 43"W	30.76'
320-322	N80° 16' 54"E	106.93'
322-323	S14° 04' 18"E	33.67'
323-324	S14° 04' 18"E	300.91'
324-325	S14° 04' 18"E	60.17'
325-326	S14° 04' 18"E	12.55'
326-327	SEE CURVE NOTE	
327-328	S27° 59' 59"E	69.50'
328-329	SEE CURVE NOTE	
329-330	S48° 50' 31"E	109.36'
330-331	S55° 10' 54"E	119.74'
331-332	S24° 33' 33"E	32.15'
332-333	S48° 50' 31"E	361.13'
333-334	S48° 50' 31"E	158.65'
334-300	S48° 50' 31"E	180.19'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T21	40+77.62	50.81'
T22	40+77.62	54.81'
T23	42+70.40	55.37'
T24	42+70.43	51.37'
T25	47+76.13	55.12'
T26	48+41.02	136.14'
T27	49+05.53	121.61'
T28	48+85.08	65.84'
T29	42+51.41	51.27'
T30	45+87.14	48.79'
T31	46+36.73	64.57'
T32	47+55.18	51.04'
T33	49+23.80	50.12'
T34	49+29.14	43.12'
T35	49+54.66	43.10'
T36	49+53.21	45.10'
T37	51+04.23	43.09'
T38	51+04.20	45.09'
T39	51+75.67	55.85'
T42	53+19.52	46.39'
T43	55+59.98	47.64'
T44	55+72.30	48.06'
T45	51+92.99	65.11'
T46	51+75.76	72.81'
T47	52+89.51	77.41'
T60	52+39.36	43.24'
T61	52+45.63	49.98'
T62	41+95.94	131.05'
T63	41+88.54	140.20'
T64	41+30.64	93.54'
T65	41+37.69	84.42'
T70	55+03.21	69.29'
T73	59+48.71	54.07'

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
316-321	SEE CURVE NOTE	
321-HE337	N80° 16' 11"E	23.79'
HE337-316	S10° 13' 14"E	66.70'

TPP NUMBER 1661-05-26-4.03
AMENDMENT NO. 3
SHEET 2 OF 2

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-4.03 & 4.05 AMEND-3.DWG PLOT DATE : 24/04/2017 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

4.03 AMEND. NO. 3

54A

54A

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.03, AMENDMENT NO. 2

THIS AMENDMENT REVISES UTILITY OWNER OF UTILITY NUMBER 102 OF TRANSPORTATION PLAT 1661-05-26-4.03, RECORDED AS DOCUMENT NO. 326173 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1 & 2, CSM 1362 (RECORDED IN V.12, P.4, AS DOC. 321191); THAT PART OF LOTS 9, 10 & 11, BLOCK 13, S.A. CLARK'S ADDITION; THAT PART OF LOTS 4 & 5, BLOCK 14, S.A. CLARK'S ADDITION; THAT PART OF LOT 1 BLOCK 172, LOTS 1, 2, 9 & 12, BLOCK 191, LOTS 1, 3, 4, 5, 7 & 8, BLOCK 192, LOWER PRAIRIE DU CHIEN; THAT PART OF LOTS 4-10, INCLUSIVE, BLOCK 6 AND THAT PART OF LOTS 1-5, INCLUSIVE, BLOCK 5, PARISH'S ADDITION TO PRAIRIE DU CHIEN; THAT PART OF VACATED 9TH STREET; THAT PART OF VACATED E. CAMPION BLVD; ALL LOCATED IN FARM LOT 37, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:00 PM ON March 16, 2016 AS DOCUMENT # 328823 AND FILED IN PLATS

Melissa C. Tindell Reg. of Deeds
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.03
AMENDMENT NO. 2

3/16/16
Doc:328823
3 Plats 14

N

SCALE, FEET
0 100 200

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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. FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

SCHEDULE OF SIGN STRUCTURES

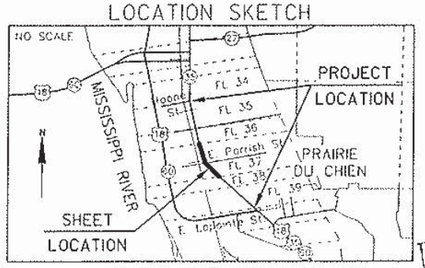
SIGN NO.	SIGN OWNER	OASIS NO.
16-1	FAIRWAY OUTDOOR ADVERTISING, ROBERT M. & PENNY R. SELCH	2429

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	14
ALLIANT ENERGY	NO EASEMENT OF RECORD FOUND	23

LOCATION SKETCH

NO SCALE



HIGHWAY	BASIS
STH 35/ MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT

STATION OFFSET TABLE

POINT	STATION	OFFSET
300	39+12.27	48.32'
301	40+22.31	87.75'
302	40+48.08	67.20'
303	40+68.65	50.80'
304	43+65.87	52.08'
305	43+90.19	101.95'
306	43+82.85	125.98'
307	44+03.29	152.26'
308	45+26.52	53.28'
309	45+73.62	53.62'
310	45+84.05	66.26'
311	46+96.04	67.09'
312	47+11.70	54.64'
313	48+69.44	55.81'
314	51+96.62	55.62'
315	52+49.44	86.72'
316	52+89.10	77.57'
317	53+48.46	55.54'
318	55+63.45	54.30'
319	56+75.14	60.50'
320	56+75.38	57.50'
321	59+77.22	47.78'
322	59+67.14	58.49'
323	59+33.49	57.34'
324	56+32.75	47.12'
325	55+72.62	45.07'
326	55+60.08	44.64'
327	53+20.45	43.39'
328	52+46.21	43.25'
329	48+70.17	43.19'
330	47+60.82	44.00'
331	46+41.91	58.10'
332	46+12.51	45.10'
333	42+51.39	47.77'
334	40+92.41	48.18'

TLE STATION OFFSET TABLE

POINT	STATION	OFFSET
T21	40+77.62	50.81'
T22	40+77.62	54.81'
T23	42+70.40	55.37'
T24	42+70.43	51.37'
T25	47+76.13	55.12'
T26	48+41.02	136.14'
T27	49+05.63	121.61'
T28	48+85.06	55.84'
T29	42+51.41	51.27'
T30	45+87.14	48.79'
T31	46+36.73	64.57'
T32	47+55.18	51.04'
T33	49+23.80	50.12'
T34	49+28.14	43.12'
T35	49+54.66	43.10'
T36	49+53.21	45.10'
T37	51+04.23	43.09'
T38	51+04.20	45.09'
T39	51+75.67	55.85'
T40	52+47.98	97.37'
T41	52+02.43	86.99'
T42	53+19.52	46.39'
T43	55+59.98	47.64'

TLE STATION OFFSET TABLE

POINT	STATION	OFFSET
T44	55+72.30	48.06'
T45	53+53.60	75.73'
T46	53+56.61	75.13'
T47	54+16.05	60.36'
T48	54+16.04	55.36'
T49	53+63.19	60.50'
T60	52+39.36	43.24'
T61	52+45.63	49.98'
T62	41+95.94	131.05'
T63	41+88.54	140.20'
T64	41+30.84	93.54'
T65	41+37.69	84.42'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
14	HESS REAL ESTATE, LLC	TLE	----	----	----	619	----
16	ROBERT M. & PENNY R. SELCH	FEE,TLE	3580	----	3580	940	----
17	JOHN A. & DORIS M. WILLIAMS	TLE	----	----	----	496	----
18	PRAIRIE HEALTH, LLC	FEE,TLE	265	----	265	857	----
19	SMETHURST FAMILY LIVING TRUST	TLE	----	----	----	1242	----
20	WILLIAM C. & SANDRA L. KUSSMAUL	TLE	----	----	----	285	----
21	APOSTOLIC LIGHTHOUSE, INC.	TLE	----	----	----	302	----
22	MARINE CREDIT UNION	FEE,TLE	42	----	42	6934	----
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE,HE	----	----	----	1552	4038
24	KIMBERLY BENOY	TLE	----	----	----	146	----
25	CITY OF PRAIRIE DU CHIEN	TLE	----	----	----	318	----
30	LEON & MARIE ROORDHOEK	TLE	----	----	----	366	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	CENTURYLINK	RELEASE OF RIGHTS
102	ALLIANT ENERGY	RELEASE OF RIGHTS

COURSE TABLE

COURSE	BEARING	DISTANCE
300-301	S80° 09' 51"W	174.99'
301-302	N10° 13' 58"W	32.95'
302-303	N10° 13' 58"W	26.31'
303-304	N48° 50' 31"W	297.56'
304-305	S67° 34' 48"W	55.49'
305-306	S24° 36' 14"W	25.13'
306-307	S79° 28' 08"W	33.29'
307-308	N10° 05' 36"W	159.62'
308-309	N48° 50' 31"W	45.11'
309-310	S81° 05' 29"W	16.39'
310-311	N48° 50' 31"W	112.00'
311-312	N09° 55' 01"W	20.00'
312-313	N48° 50' 31"W	157.75'
313-314	SEE CURVE NOTE	
314-315	N60° 00' 44"W	64.03'
315-316	N16° 37' 10"W	43.93'
316-317	N07° 04' 13"W	66.07'
317-318	SEE CURVE NOTE	
318-319	N14° 04' 18"W	111.76'
319-320	S75° 55' 42"W	7.00'
320-321	N14° 09' 25"W	303.64'
321-322	N80° 16' 54"E	106.75'
322-323	S14° 04' 18"E	33.67'
323-324	S14° 04' 18"E	300.60'
324-325	S14° 04' 18"E	60.28'
325-326	S14° 04' 18"E	12.55'
326-327	SEE CURVE NOTE	
327-328	S27° 59' 59"E	69.50'
328-329	SEE CURVE NOTE	
329-330	S48° 50' 31"E	109.36'
330-331	S55° 10' 54"E	119.74'
331-332	S24° 33' 33"E	32.15'
332-333	S48° 50' 31"E	361.13'
333-334	S48° 50' 31"E	158.65'
334-300	S48° 50' 31"E	160.14'

CURVE 313-314: L=342.72' LC=341.55' LCB=N40°37'46"W R=1195.50'

CURVE 317-318: L=223.58' LC=223.26' LCB=N19°25'46"W R=1195.50'

CURVE 326-327: L=231.79' LC=231.36' LCB=S20°07'39"E R=1096.50'

CURVE 326-329: L=364.11' LC=362.44' LCB=S39°19'44"E R=1096.50'

328823
RECORDED 03/16/2016 3:00 PM
MELISSA C NADEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 30.00
PAGES: 3

KL Engineering
All Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.03, AMENDMENT NO. 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

THOMAS J. HANSEN — MARCH 8, 2016 DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

AARON KRAMER - CITY ADMINISTRATOR — 3/15/16 DATE

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.03, AMENDMENT NO. 1

THIS REMOVES SIGN 23-1 FROM TRANSPORTATION PLAT 1661-05-26-4.03, RECORDED AS DOCUMENT NO. 326173 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1 & 2, CSM 1362 (RECORDED IN V.12, P.4, AS DOC. 321190; THAT PART OF LOTS 9, 10 & 11, BLOCK 13, S.A. CLARK'S ADDITION; THAT PART OF LOTS 4 & 5, BLOCK 14, S.A. CLARK'S ADDITION; THAT PART OF LOT 1 BLOCK 172, LOTS 1, 2, 9 & 12, BLOCK 191, LOTS 1, 3, 4, 5, 7 & 8, BLOCK 192, LOWER PRAIRIE DU CHIEN; THAT PART OF LOTS 4-10, INCLUSIVE, BLOCK 6 AND THAT PART OF LOTS 1-6, INCLUSIVE, BLOCK 5, PARISH'S ADDITION TO PRAIRIE DU CHIEN; THAT PART OF VACATED 9TH STREET; THAT PART OF VACATED E. CAMPION BLVD; ALL LOCATED IN FARM LOT 37, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PURPOSES.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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. ALL LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE ACQUIRED BY THE CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS OF CRAWFORD COUNTY, WISCONSIN AT 8:57 AM ON 10/22/2015 AS DOCUMENT # 327698 AND FILED IN 3 PLATS 11

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.03
AMENDMENT NO. 1

10/22/15
Doc:327698
3 Plats 11

SCHEDULE OF SIGN STRUCTURES

SIGN NO.	SIGN OWNER	OASIS NO.
16-1	FAIRWAY OUTDOOR ADVERTISING, ROBERT M. & PENNY R. SELCH	2429

NW CORNER FARM LOT 37
CALCULATED CONTROL
SURVEY OF FARM LOTS BY
CRAWFORD COUNTY SURVEY
Y = 116,337.466
X = 316,827.005

N 80°16'54"E 58.84'
R/L TO TRAV. PT.
N80°16'54"E 47.92'
R/W TO R/L
N80°16'54"E 2752.98'
COR. TO R/W
STA. 59+73.60
PT: 59+73.63
N16°01'09"W
CITY
FARM
LOT 37

S80°16'54"W 4395.31'
COR. TO TRAV. PT.
MATCH 1661-05-26 - 4.04
NE CORNER
FARM LOT 37
1" IRON ROD
Y = 117,562.158
X = 323,977.934

E. BRUNSON STREET
9TH STREET
STH 35
E. FOWLER STREET
E. PARRISH STREET
10TH STREET
E. CAMPION BLVD.
MARQUETTE ROAD
LOCKWOOD STREET
VACATED 9TH STREET
VACATED E. CAMPION BLVD.

P.I. 48+83.09
Y=115,842.442
X=320,048.353
DELTA=00°30'09" RT

P.I. 42+08.49
Y=115,394.715
X=320,512.955
DELTA=00°22'45" RT

P.I. 52+15.57
Y=116,065.283
X=319,801.597
DELTA=31°53'46" RT
D= 04°58'56"
T= 328.63'
L=640.19'
R=1150.00'
P.C. 48+86.94
P.T. 55+27.14

BLOCK 7
PARISH'S ADDITION TO PRAIRIE DU CHIEN
BLOCK 6
BLOCK 5
BLOCK 191
BLOCK 192
LOWER PRAIRIE DU CHIEN
BLOCK 193
BLOCK 172
BLOCK 13
BLOCK 14
S.A. CLARK'S ADDITION

PC: 48+96.96
PI: 48+83.09
PT: 55+27.14
PI: 42+08.49
N48°25'04"W
N48°47'49"W

HE SLOPES 23
TLE SLOPES 23
TLE SLOPES 22
TLE SLOPES 24
TLE SLOPES 25
TLE SLOPES 20
TLE SLOPES 21
TLE SLOPES 19
TLE SLOPES 18
TLE SLOPES 16
TLE SLOPES 17
TLE SLOPES 30
TLE SLOPES 14

ATC MANAGEMENT PARCEL 23 (102)
CENTURYLINK PARCEL 14 (101)
CSM 1362, V. 12, P. 4 AS #321191 (16-1)

LOT 37
LOT 38
PRAIRIE DU CHIEN

SW CORNER FARM LOT 37
1" IRON ROD
Y = 114,623.920
X = 317,277.574

SE CORNER FARM LOT 37
CALCULATED CONTROL
SURVEY OF FARM LOTS
BY CRAWFORD COUNTY
SURVEY
Y = 115,922.192
X = 324,765.831

N80°09'51"E 3401.75
COR. TO TRAV. PT.
S80°09'51"W 112.84'
R/W TO TRAV. PT.
S80°09'51"W 4017.22'
COR. TO R/W
S80°09'51"W 62.15'
R/W TO R/L
MATCH 1661-05-26 - 4.02
3" I.P.

LOCATION SKETCH

NO SCALE

PROJECT LOCATION
SHEET LOCATION
MISSISSIPPI RIVER
PRAIRIE DU CHIEN
N

HIGHWAY	BASIS
STH 35/ MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	14
ATC MANAGEMENT	NO EASEMENT OF RECORD FOUND	23

STATION OFFSET TABLE

POINT	STATION	OFFSET
300	39+12.27	48.32'
301	40+22.31	87.75'
302	40+48.08	67.20'
303	40+68.65	50.60'
304	43+65.87	52.08'
305	43+90.19	101.95'
306	43+82.85	125.99'
307	44+03.29	152.26'
308	45+26.52	53.28'
309	45+73.62	53.62'
310	45+84.05	66.26'
311	46+96.04	67.09'
312	47+11.70	54.64'
313	48+69.44	55.81'
314	51+96.62	55.82'
315	52+49.44	86.72'
316	52+89.10	77.57'
317	53+48.46	55.54'
318	55+63.45	54.30'
319	56+75.14	50.50'
320	56+75.38	57.50'
321	59+77.22	47.78'
322	59+67.14	58.49'
323	59+33.49	57.34'
324	56+32.75	47.12'
325	55+72.62	45.07'
326	55+60.03	44.64'
327	53+20.45	43.39'
328	52+48.21	43.25'
329	48+70.17	43.19'
330	47+60.82	44.00'
331	46+41.91	58.10'
332	46+12.61	45.10'
333	42+51.39	47.77'
334	40+92.41	48.18'

TLE STATION OFFSET TABLE

POINT	STATION	OFFSET
T21	40+77.62	50.81'
T22	40+77.62	54.81'
T23	42+70.40	55.37'
T24	42+70.43	51.37'
T25	47+76.13	55.12'
T26	48+41.02	136.14'
T27	49+05.53	121.61'
T28	48+85.06	55.84'
T29	42+51.41	51.27'
T30	45+87.14	48.79'
T31	46+36.73	64.57'
T32	47+55.18	51.04'
T33	49+23.80	50.12'
T34	49+29.14	43.12'
T35	49+54.66	43.10'
T36	49+53.21	45.10'
T37	51+04.23	43.09'
T38	51+04.20	45.09'
T39	51+75.67	55.85'
T40	52+47.08	97.37'
T41	52+92.43	88.98'
T42	53+19.52	46.39'
T43	55+59.98	47.64'

TLE STATION OFFSET TABLE

POINT	STATION	OFFSET
T44	55+72.30	48.09'
T45	53+53.60	75.73'
T46	53+56.61	75.13'
T47	54+16.05	60.36'
T48	54+16.04	55.36'
T49	53+63.19	60.50'
T60	52+39.36	43.24'
T61	52+45.63	49.86'
T62	41+95.84	131.05'
T63	41+88.54	140.20'
T64	41+30.84	93.54'
T65	41+37.69	84.42'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	R/W SF REQUIRED EXISTING	R/W SF REQUIRED TOTAL	TLE SF	HE SF
14	RESS REAL ESTATE, LLC	TLE	----	----	----	619	----
16	ROBERT M. & PENNY R. SELCH	FEE,TLE	3580	----	3580	940	----
17	JOHN A. & DORIS M. WILLIAMS	TLE	----	----	----	496	----
18	PRAIRIE HEALTH, LLC	FEE,TLE	265	----	265	857	----
19	SMETHURST FAMILY LIVING TRUST	TLE	----	----	----	1242	----
20	WILLIAM C. & SANDRA L. KUSSMAUL	TLE	----	----	----	285	----
21	APOSTOLIC LIGHTHOUSE, INC.	TLE	----	----	----	302	----
22	MARINE CREDIT UNION	FEE,TLE	42	----	42	5934	----
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE,HE	----	----	----	1552	4038
24	KIMBERLY BENOY	TLE	----	----	----	146	----
25	CITY OF PRAIRIE DU CHIEN	TLE	----	----	----	318	----
30	LEON & MARIE NOORDHOEK	TLE	----	----	----	366	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	CENTURYLINK	RELEASE OF RIGHTS
102	ATC MANAGEMENT	RELEASE OF RIGHTS

COURSE TABLE

COURSE	BEARING	DISTANCE
300-301	S80° 09' 51"W	174.99'
301-302	N10° 13' 58"W	32.95'
302-303	N10° 13' 58"W	26.31'
303-304	N48° 50' 31"W	297.56'
304-305	S67° 34' 48"W	55.49'
305-306	S24° 36' 14"W	25.13'
306-307	S79° 28' 08"W	33.29'
307-308	N10° 05' 33"W	159.62'
308-309	N48° 50' 31"W	45.11'
309-310	S81° 05' 29"W	16.39
310-311	N48° 50' 31"W	112.00'
311-312	N00° 55' 01"W	20.00'
312-313	N48° 50' 31"W	157.75'
313-314	SEE CURVE NOTE	
314-315	N60° 00' 44"W	64.03'
315-316	N16° 37' 10"W	43.93'
316-317	N07° 04' 13"W	66.07'
317-318	SEE CURVE NOTE	
318-319	N14° 04' 18"W	111.76'
319-320	S75° 55' 42"W	7.00'
320-321	N14° 09' 25"W	303.64'
321-322	N80° 16' 54"E	106.76'
322-323	S14° 04' 18"E	33.67'
323-324	S14° 04' 18"E	300.80'
324-325	S14° 04' 18"E	60.28'
325-326	S14° 04' 18"E	12.55'
326-327	SEE CURVE NOTE	
327-328	S27° 59' 59"E	69.50'
328-329	SEE CURVE NOTE	
329-330	S48° 50' 31"E	109.36'
330-331	S55° 10' 54"E	119.74'
331-332	S24° 33' 33"E	32.19'
332-333	S48° 50' 31"E	361.13'
333-334	S48° 50' 31"E	158.65'
334-300	S48° 50' 31"E	180.14'

CURVE 313-314	CURVE 317-318	CURVE 326-327	CURVE 328-329
L=342.72'	L=223.56'	L=231.79'	L=364.11'
LC=341.55'	LC=223.26'	LC=231.36'	LC=362.44'
LCB=N40°37'46"W	LCB=N19°25'46"W	LCB=S20°07'39"E	LCB=S39°19'44"E
R=1195.50'	R=1195.50'	R=1096.50'	R=1096.50'

SCALE, FEET
0 100 200

N

327698

RECORDED 10/22/2015 8:57 PM
MELISSA C HAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 3

KL Engineering
[illegible] Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.03, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

10/13/2015
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

WISCONSIN — THOMAS J. HANSEN — S-2033 — MADISON, WISCONSIN — LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

10/23/15
AARON KRAMER - CITY ADMINISTRATOR — DATE

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 8.

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-AMEND-1.DWG
PLOT DATE : 13/10/2015
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.03

THAT PART OF LOTS 1 & 2, CSM 1362 (RECORDED IN V.12, P.4, AS DOC. 321191); THAT PART OF LOTS 9, 10 & 11, BLOCK 13, S.A. CLARK'S ADDITION; THAT PART OF LOTS 4 & 5, BLOCK 14, S.A. CLARK'S ADDITION; THAT PART OF LOT 1 BLOCK 172, LOTS 1, 2, 9 & 12, BLOCK 191, LOTS 1, 3, 4, 5, 7 & 8, BLOCK 192, LOWER PRAIRIE DU CHIEN; THAT PART OF LOTS 4-10, INCLUSIVE, BLOCK 6 AND THAT PART OF LOTS 1-6, INCLUSIVE, BLOCK 5, PARISH'S ADDITION TO PRAIRIE DU CHIEN; THAT PART OF VACATED 9TH STREET; THAT PART OF VACATED E. CAMPION BLVD; ALL LOCATED IN FARM LOT 37, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:51 PM ON May 8, 2015 AS DOCUMENT # 326173 AND FILED IN 3 Plats 8

William C Nagel
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.03

5/8/15
Doc:326173
3 Plats 8

N

SCALE, FEET
0 100 200

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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. FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

SCHEDULE OF SIGN STRUCTURES

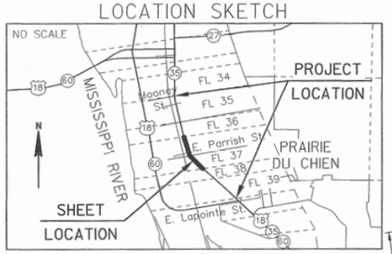
SIGN NO.	SIGN OWNER	OASIS NO.
16-1	FAIRWAY OUTDOOR ADVERTISING, ROBERT M. & PENNY R. SELCH	2429
23-1	CITY OF PRAIRIE DU CHIEN, BURLINGTON NORTHERN & SANTA FE RAILROAD	18594

NW CORNER FARM LOT 37
CALCULATED CONTROL
SURVEY OF FARM LOTS BY
CRAWFORD COUNTY SURVEY
Y = 116,337.466
X = 316,827.005

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
CENTURYLINK	NO EASEMENT OF RECORD FOUND	14
ATC MANAGMENT	NO EASEMENT OF RECORD FOUND	23

LOCATION SKETCH

NO SCALE



HIGHWAY	BASIS
STH 35/ MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT

STATION OFFSET TABLE		
POINT	STATION	OFFSET
300	39+12.27	48.32'
301	40+22.31	87.75'
302	40+48.08	67.20'
303	40+68.65	50.80'
304	43+65.87	52.08'
305	43+90.19	101.95'
306	43+82.85	125.99'
307	44+03.29	152.26'
308	45+28.52	53.28'
309	45+73.62	53.62'
310	45+84.05	66.26'
311	46+96.04	67.09'
312	47+11.70	54.64'
313	48+69.44	55.81'
314	51+96.62	55.82'
315	52+49.44	86.72'
316	52+89.10	77.57'
317	53+48.46	55.54'
318	55+63.45	54.30'
319	56+75.14	50.50'
320	56+75.38	57.50'
321	59+77.22	47.78'
322	59+67.14	58.49'
323	59+33.49	57.34'
324	56+32.75	47.12'
325	55+72.62	45.07'
326	55+60.08	44.64'
327	53+20.45	43.39'
328	52+48.21	43.25'
329	48+70.17	43.19'
330	47+60.82	44.00'
331	46+41.91	58.10'
332	46+12.51	45.10'
333	42+51.39	47.77'
334	40+92.41	48.18'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T21	40+77.62	50.81'
T22	40+77.62	54.81'
T23	42+70.40	55.37'
T24	42+70.43	51.37'
T25	47+76.13	55.12'
T26	48+41.02	136.14'
T27	49+05.53	121.61'
T28	48+85.06	55.84'
T29	42+51.41	51.27'
T30	45+87.14	48.79'
T31	46+36.73	64.57'
T32	47+55.18	51.04'
T33	49+23.80	50.12'
T34	49+29.14	43.12'
T35	49+54.66	43.10'
T36	49+53.21	45.10'
T37	51+04.20	45.09'
T38	51+04.23	43.09'
T39	51+75.67	55.85'
T40	52+47.98	97.37'
T41	52+92.43	86.98'
T42	53+19.52	46.39'
T43	55+59.98	47.64'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T44	55+72.30	46.06'
T45	53+63.60	75.73'
T46	53+56.61	75.13'
T47	54+16.05	60.36'
T48	54+16.04	55.36'
T49	53+63.19	60.50'
T60	52+39.36	43.24'
T61	52+45.63	49.98'
T62	41+95.94	131.05'
T63	41+88.54	140.20'
T64	41+30.84	93.54'
T65	41+37.69	84.42'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
14	HESS REAL ESTATE, LLC	TLE	----	----	----	619	----
16	ROBERT M. & PENNY R. SELCH	FEE,TLE	3580	----	3580	940	----
17	JOHN A. & DORIS M. WILLIAMS	TLE	----	----	----	496	----
18	PRAIRIE HEALTH, LLC	FEE,TLE	265	----	265	857	----
19	SMETHURST FAMILY LIVING TRUST	TLE	----	----	----	1242	----
20	WILLIAM C. & SANDRA L. KUSSMAUL	TLE	----	----	----	285	----
21	APOSTOLIC LIGHTHOUSE, INC.	TLE	----	----	----	302	----
22	MARINE CREDIT UNION	FEE,TLE	42	----	42	6934	----
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE,HE	----	----	----	1552	4038
24	KIMBERLY BENOY	TLE	----	----	----	146	----
25	CITY OF PRAIRIE DU CHIEN	TLE	----	----	----	318	----
30	LEON & MARIE NOORDHOEK	TLE	----	----	----	366	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	CENTURYLINK	RELEASE OF RIGHTS
102	ATC MANAGEMENT	RELEASE OF RIGHTS

COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	S80° 09' 51"W	174.99'
301-302	N10° 13' 58"W	32.95'
302-303	N10° 13' 58"W	26.31'
303-304	N48° 50' 31"W	297.56'
304-305	S67° 34' 48"W	55.49'
305-306	S24° 36' 14"W	25.13'
306-307	S79° 28' 08"W	33.29'
307-308	N10° 05' 36"W	159.62'
308-309	N48° 50' 31"W	45.11'
309-310	S81° 05' 29"W	16.39'
310-311	N48° 50' 31"W	112.00'
311-312	N09° 55' 01"W	20.00'
312-313	N48° 50' 31"W	157.75'
313-314	SEE CURVE NOTE	
314-315	N60° 00' 44"W	64.03'
315-316	N16° 37' 10"W	43.93'
316-317	N07° 04' 13"W	66.07'
317-318	SEE CURVE NOTE	
318-319	N14° 04' 18"W	111.76'
319-320	S75° 55' 42"W	7.00'
320-321	N14° 09' 25"W	303.64'
321-322	N80° 16' 54"E	103.76'
322-323	S14° 04' 18"E	33.67'
323-324	S14° 04' 18"E	300.80
324-325	S14° 04' 18"E	60.28'
325-326	S14° 04' 18"E	12.55'
326-327	SEE CURVE NOTE	
327-328	S27° 59' 59"E	69.50'
328-329	SEE CURVE NOTE	
329-330	S48° 50' 31"E	109.36'
330-331	S55° 10' 54"E	119.74'
331-332	S24° 33' 33"E	32.15'
332-333	S48° 50' 31"E	361.13'
333-334	S48° 50' 31"E	158.65'
334-300	S48° 50' 31"E	180.14'

CURVE 313-314	CURVE 317-318	CURVE 326-327	CURVE 328-329
L=342.72'	L=223.58'	L=231.79'	L=364.11'
LC=341.55'	LC=223.26'	LC=231.36'	LC=362.44'
LCB=N40°37'46"W	LCB=N19°25'46"W	LCB=S20°07'39"E	LCB=S39°19'44"E
R=1195.50'	R=1195.50'	R=1096.50'	R=1096.50'

326173
RECORDED 05/08/2015 3:51 PM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 1

KL Engineering
We Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.03 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
THOMAS J. HANSEN
S-2033
MADISON, WISCONSIN
LAND SURVEYOR

Thomas J Hansen 04/23/2015
THOMAS J. HANSEN DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

AARON KRAMER - CITY ADMINISTRATOR DATE 5/8/15

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP.DWG
PLOT DATE : 07/05/2015
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : **********

4.03

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.04, AMENDMENT NO. 1

THIS AMENDMENT REVISES PARCEL 23 AND REVISES THE EXISTING R/W BETWEEN POINTS 401, 410, 411, 415, 416 & 402 OF TRANSPORTATION PROJECT PLAT 1661-05-26-4.04 RECORDED AS DOCUMENT NO. 326174 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1-6, INCLUSIVE, BLOCK 7; THAT PART OF LOTS 4-7, INCLUSIVE, BLOCK 8, BRUNSON'S ADDITION; THAT PART OF VACATED 8TH STREET; AND PART OF FARM LOT 36; ALL LOCATED IN FARM LOT 36, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

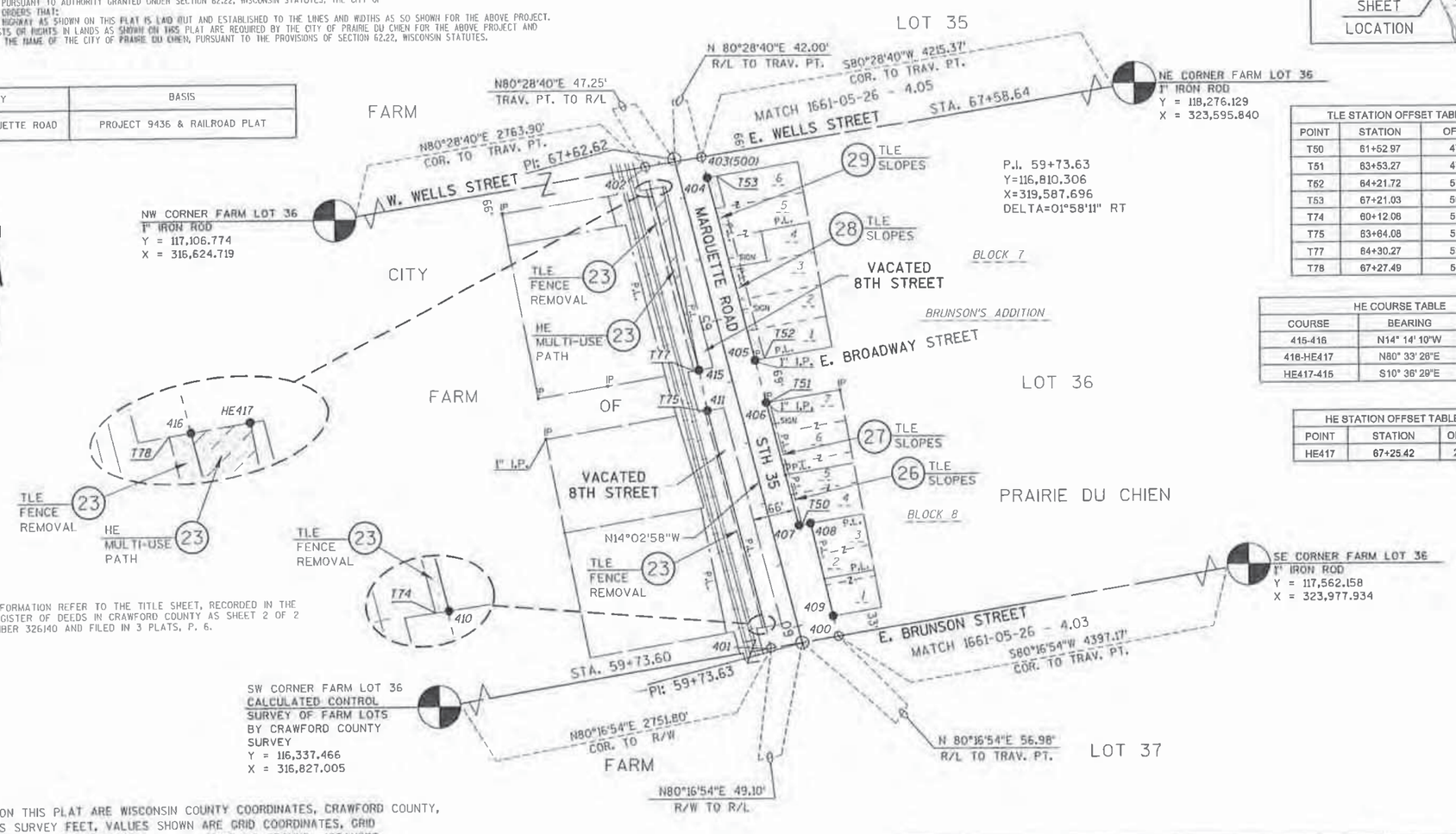
RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

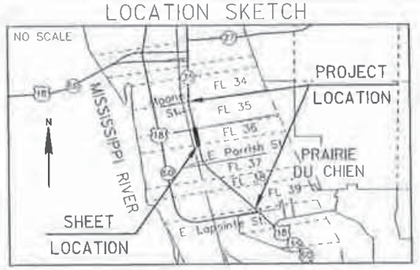
HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

LOCATION SKETCH

NO SCALE



ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 4:31 AM ON May 3, 2017 AS DOCUMENT # 332332 AND FILED IN 3 PL. 55

Melissa C Nagel
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.04
AMENDMENT NO. 1

5/3/17
Doc:332332
3 Plats 55

332332
RECORDED 05/03/2017 9:31 AM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY WI
RECORDING FEE: 25.00
PAGES 1

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T50	61+52.97	47.10'
T51	63+53.27	47.03'
T62	64+21.72	57.00'
T53	67+21.03	56.88'
T74	60+12.06	53.24'
T75	63+64.08	53.57'
T77	64+30.27	53.63'
T78	67+27.49	53.91'

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
415-416	N14° 14' 10"W	297.24'
416-HE417	N80° 33' 28"E	18.81'
HE417-415	S10° 36' 29"E	298.26'

HE STATION OFFSET TABLE		
POINT	STATION	OFFSET
HE417	67+25.42	28.25'

COURSE TABLE		
COURSE	BEARING	DISTANCE
400-401	S80° 18' 54"W	108.08'
401-410	N14° 06' 38"W	34.37'
410-411	N14° 08' 38"W	352.09'
411-415	N11° 08' 54"W	66.02'
415-416	N14° 14' 10"W	297.24'
416-402	N14° 13' 11"W	35.43'
402-403	N80° 28' 40"E	89.25'
403-404	S14° 04' 18"E	33.10'
404-405	S14° 04' 18"E	299.38'
405-406	S14° 04' 18"E	69.19'
406-407	S14° 04' 18"E	200.30'
407-408	N80° 11' 54"E	18.36'
408-409	S12° 55' 12"E	150.25'
409-400	S12° 55' 12"E	32.47'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
400	59+87.35	56.83'
401	59+77.31	48.96'
402	67+62.37	47.11'
403	67+55.32	41.87'
404	67+22.22	41.88'
405	64+22.83	42.00'
406	63+63.84	42.03'
407	61+53.34	42.10'
408	61+51.98	60.42'
409	60+01.76	57.45'
410	60+11.87	49.00'
411	63+63.76	49.37'
415	64+29.70	46.03'
416	67+26.94	47.00'

SCALE, FEET
0 100 200

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE, HE	----	----	----	3639	2786
26	KATHRYN A. MCFARLAND	TLE	----	----	----	411	----
27	LACROSSE TEACHERS CREDIT UNION	TLE	----	----	----	590	----
28	HARI, LLC	TLE	----	----	----	2294	----
29	ZRH PARTNERSHIP	TLE	----	----	----	2196	----

KL Engineering

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.04, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

APRIL 24, 2017
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

5/8/17
TINA FULLER - CITY CLERK/TREASURER — DATE

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-4.04 AMEND-1.DWG
PLOT DATE : 24/04/2017
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : ''''''''''''
4.04 AMEND. NO. 1

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.04

THAT PART OF LOTS 1-6, INCLUSIVE, BLOCK 7; THAT PART OF LOTS 4-7, INCLUSIVE, BLOCK 8, BRUNSON'S ADDITION; AND PART OF FARM LOT 36 ALL LOCATED IN FARM LOT 36, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

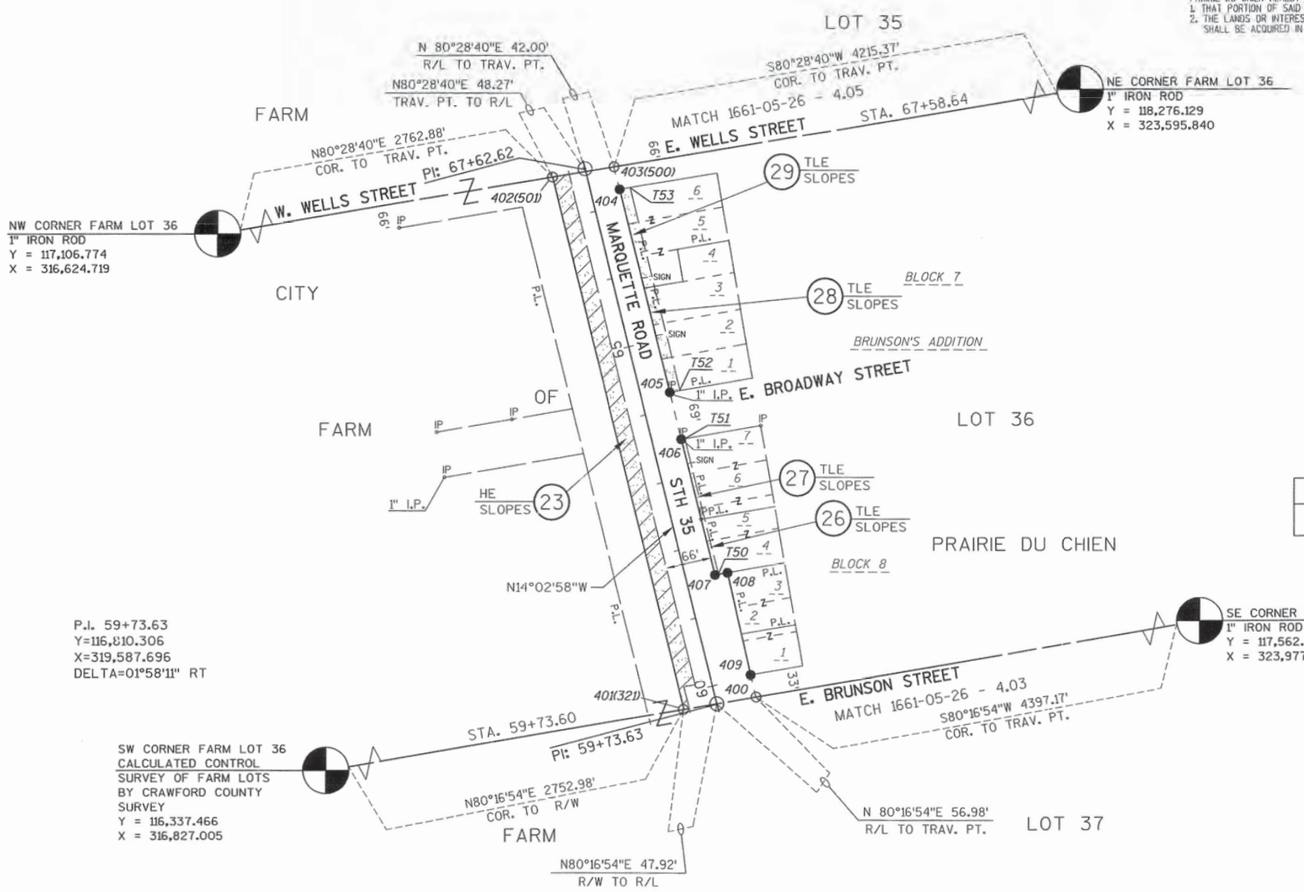
5/8/15
Doc:326174
3 Plats 9

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:57 P.M. ON May 8, 2015 AS DOCUMENT # 326174 AND FILED IN 3 Plats 9

Melissa C. Nagel Reg. of Deeds
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.04

326174
RECORDED 05/08/2015 3:57 PM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 1



N

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECT 9436 & RAILROAD PLAT

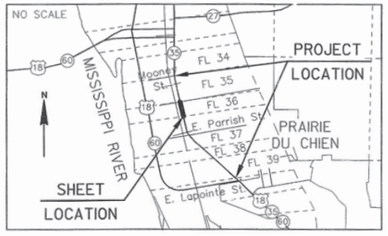
COURSE TABLE		
COURSE	BEARING	DISTANCE
400-401	S80° 16' 54"W	104.89'
401-402	N14° 04' 26"W	785.23'
402-403	N80° 28' 40"E	90.23'
403-404	S14° 04' 18"E	33.10'
404-405	S14° 04' 18"E	299.38'
405-406	S14° 04' 18"E	69.19'
406-407	S14° 04' 18"E	200.30'
407-408	N80° 11' 54"E	18.36'
408-409	S12° 55' 12"E	150.25'
409-400	S12° 55' 12"E	32.47'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
400	59+67.35	56.63'
401	59+77.22	47.78'
402	67+62.45	48.12'
403	67+55.32	41.87'
404	67+22.22	41.88'
405	64+22.83	42.00'
406	63+53.64	42.03'
407	61+53.34	42.10'
408	61+51.98	60.42'
409	60+01.76	57.45'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T50	61+52.97	47.10'
T51	63+53.27	47.03'
T52	64+21.72	57.00'
T53	67+21.03	56.88'

LOCATION SKETCH

NO SCALE



SCALE, FEET
0 100 200

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	HE	----	----	----	----	18303
26	KATHRYN A. MCFARLAND	TLE	----	----	----	411	----
27	LACROSSE TEACHERS CREDIT UNION	TLE	----	----	----	590	----
28	HARI, LLC	TLE	----	----	----	2294	----
29	ZRH PARTNERSHIP	TLE	----	----	----	2196	----

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.04 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

Thomas J. Hansen 04/23/2015
THOMAS J. HANSEN DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

5/8/15
AARON KRAMER - CITY ADMINISTRATOR DATE

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP.DWG PLOT DATE : 07/05/2015 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

4.04

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 9436 & 1661-05-23 & RAILROAD PLAT

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.05, AMENDMENT NO. 3

THIS AMENDMENT REVISES PARCEL 23 & REVISES THE EXISTING R/W BETWEEN POINTS 501, 517, 516 & 502 OF TRANSPORTATION PLAT 1661-05-26-4.05, RECORDED AS DOCUMENT NO. 326175 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1-12, INCLUSIVE, BLOCK 2, LONG'S ADDITION; THAT PART OF LOT 1, CSM 138 (RECORDED IN V.1, P.153, AS DOC. 196416); THAT PART OF COMMISSIONER'S PLAT TRACTS D, F & G; ALL LOCATED IN FARM LOT 35, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD. LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

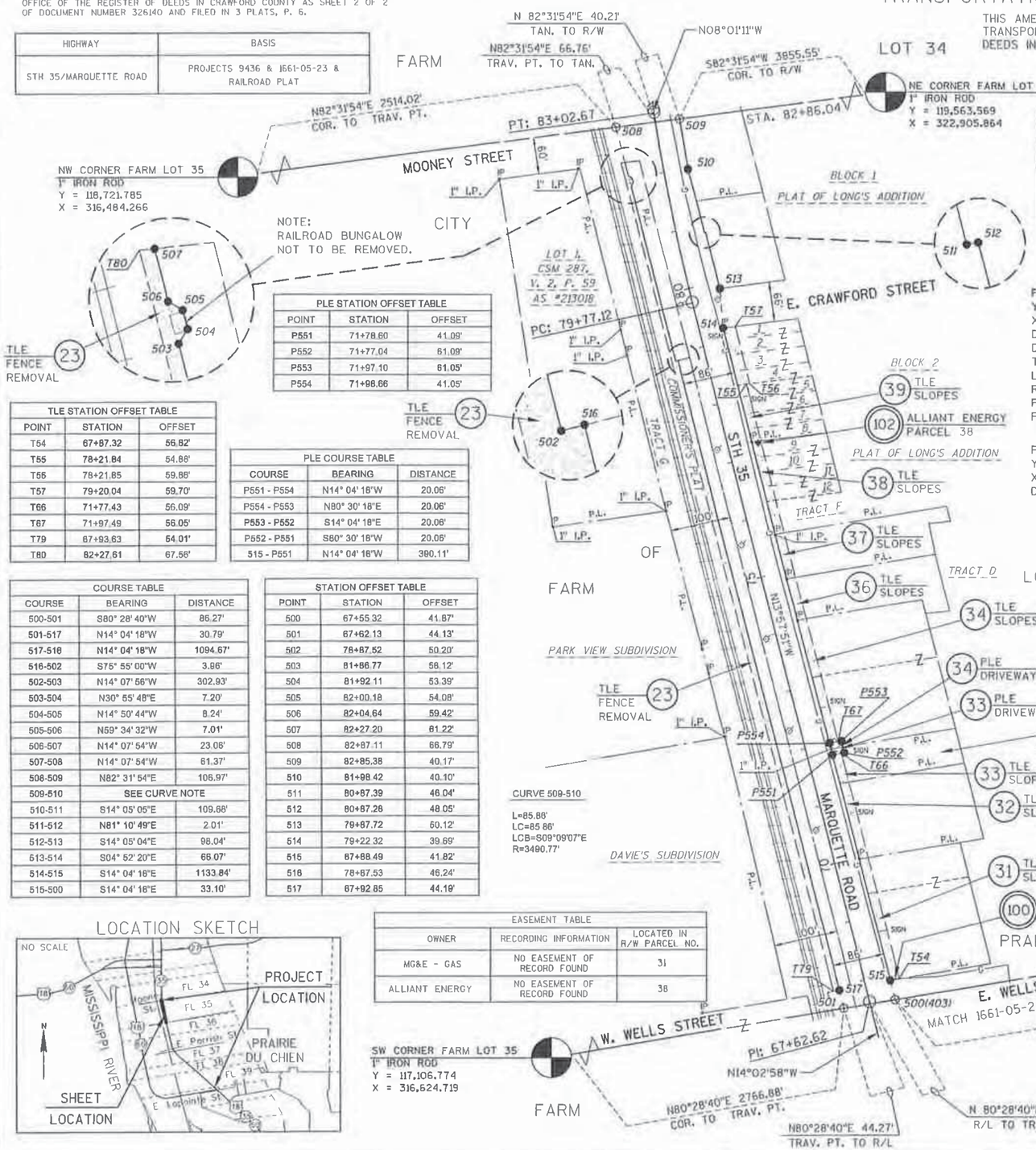
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 9:31 A.M. ON May 3, 2017 AS DOCUMENT # 332333 AND FILED IN 3 PL. 56
SIGNATURE OF REGISTER OF DEEDS

5/3/17
Doc:332333
3 Plats 56

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.05
AMENDMENT NO. 3

332333
RECORDED 05/03/2017 @ 9:31 AM
MELISSA C. HOYT
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 1



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

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.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	R/W SF REQUIRED EXISTING	R/W SF REQUIRED TOTAL	TLE SF	HE SF	PLE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	TLE	----	----	----	13337	----	----
31	DAVID G. & LINDA M. BOWAR	TLE	----	----	----	3138	----	----
32	RANDY R. & PAULA L. SHECKLER	TLE	----	----	----	1965	----	----
33	RANDY & KRISTIN KOZELKA REAL ESTATE, LLC	PLE, TLE	----	----	----	750	----	201
34	EXCALIBUR LAUNDRIES, INC	PLE, TLE	----	----	----	3242	----	201
36	CHERYLE A. GANSER, BARBARA B. MATEJKA, LIFE ESTATE	TLE	----	----	----	1110	----	----
37	DANIEL J. EUGEN-KURESH, VENDOR JANA J. KURESH ELFSTROM, PURCHASER	TLE	----	----	----	1164	----	----
38	STEVEN L KURTH & MARK G. FOHEY	TLE	----	----	----	2399	----	----
39	WEWP'S INC.	TLE	----	----	----	3737	----	----

LOCATION SKETCH

EASEMENT TABLE

OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
MG&E - GAS	NO EASEMENT OF RECORD FOUND	31
ALLIANT ENERGY	NO EASEMENT OF RECORD FOUND	38

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E GAS	RELEASE OF RIGHTS
102	ALLIANT ENERGY	RELEASE OF RIGHTS

KL Engineering

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.05, AMENDMENT NO. 3 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

APRIL 24, 2017
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

5/3/17
TINA FULLER ~ CITY CLERK/TREASURER — DATE

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-4.03 & 4.05 AMEND-3.DWG PLOT DATE : 24/04/2017 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ##########

4.05 AMEND. NO. 3

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 9436 & 1661-05-23 & RAILROAD PLAT

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.05, AMENDMENT NO. 2

THIS AMENDMENT REVISES UTILITY OWNER OF UTILITY NUMBER 102 OF TRANSPORTATION PLAT 1661-05-26-4.05, RECORDED AS DOCUMENT NO. 326175 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1-12, INCLUSIVE, BLOCK 2, LONG'S ADDITION; THAT PART OF LOT 1, CSM 138 (RECORDED IN V.1, P.153, AS DOC. 196416); THAT PART OF COMMISSIONER'S PLAT TRACTS D, F & G; ALL LOCATED IN FARM LOT 35, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

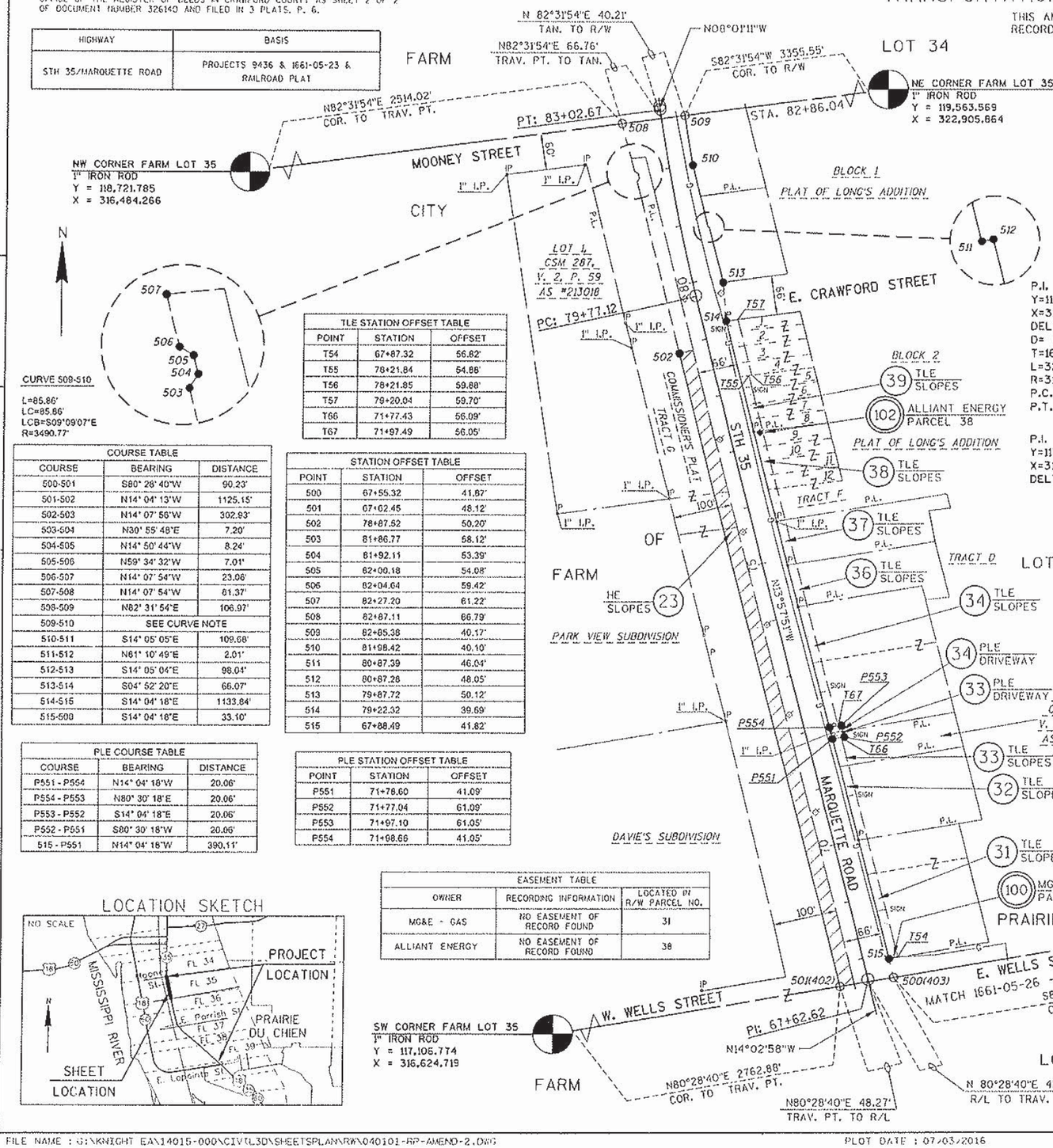
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:17 PM ON March 16, 2016 AS DOCUMENT # 328824 AND FILED IN 3 PLATS, 15

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.05
AMENDMENT NO. 2

3/16/16
Doc:328824
3 Plats 15



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

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.

CURVE 509-510
L=85.86'
LC=85.86'
LCB=S09°09'07"E
R=3490.77'

COURSE TABLE		
COURSE	BEARING	DISTANCE
500-501	S80° 28' 40"W	90.23'
501-502	N14° 04' 13"W	1125.15'
502-503	N14° 07' 56"W	302.93'
503-504	N30° 55' 48"E	7.20'
504-505	N14° 50' 44"W	8.24'
505-506	N59° 34' 32"W	7.01'
506-507	N14° 07' 54"W	23.06'
507-508	N14° 07' 54"W	61.37'
508-509	N82° 31' 54"E	106.97'
509-510	SEE CURVE NOTE	
510-511	S14° 05' 05"E	109.66'
511-512	N61° 10' 49"E	2.01'
512-513	S14° 05' 04"E	98.04'
513-514	S04° 52' 20"E	66.07'
514-515	S14° 04' 18"E	1133.84'
515-500	S14° 04' 18"E	33.10'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T54	67+87.32	56.82'
T55	78+21.84	54.86'
T56	78+21.85	59.88'
T57	79+20.04	59.70'
T66	71+77.43	56.09'
T67	71+97.49	56.05'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
500	67+55.32	41.87'
501	67+62.45	48.12'
502	78+87.52	50.20'
503	81+86.77	58.12'
504	81+92.11	53.39'
505	82+00.18	54.08'
506	82+04.64	59.42'
507	82+27.20	61.22'
508	82+87.11	66.79'
509	82+85.38	40.17'
510	81+98.42	40.10'
511	80+87.39	46.04'
512	80+87.28	48.05'
513	79+87.72	50.12'
514	79+22.32	39.69'
515	67+88.49	41.82'

PLE COURSE TABLE		
COURSE	BEARING	DISTANCE
P551 - P554	N14° 04' 18"W	20.06'
P554 - P553	N80° 30' 18"E	20.06'
P553 - P552	S14° 04' 18"E	20.06'
P552 - P551	S80° 30' 18"W	20.06'
515 - P551	N14° 04' 18"W	390.11'

PLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
P551	71+76.60	41.09'
P552	71+77.04	61.09'
P553	71+97.10	61.05'
P554	71+98.66	41.05'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
MG&E - GAS	NO EASEMENT OF RECORD FOUND	31
ALLIANT ENERGY	NO EASEMENT OF RECORD FOUND	38

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF	PLE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	HE	----	----	----	----	26993	----
31	DAVID G. & LINDA M. BOWAR	TLE	----	----	----	3138	----	----
32	RANDY R. & PAULA L. SHECKLER	TLE	----	----	----	1965	----	----
33	RANDY & KRISTIN KOZELKA REAL ESTATE, LLC	PLE, TLE	----	----	----	750	----	201
34	EXCALIBUR LAUNDRIES, INC	PLE, TLE	----	----	----	3242	----	201
36	CHERYLE A. GANSER, BARBARA B. MATEJKA, LIFE ESTATE	TLE	----	----	----	1110	----	----
37	DANIEL J. EUGEN-KURESH, VENDOR JANA J. KURESH ELFSTROM, PURCHASER	TLE	----	----	----	1164	----	----
38	STEVEN L KURTH & MARK G. FOHEY	TLE	----	----	----	2399	----	----
39	WEWP'S INC.	TLE	----	----	----	3737	----	----

328824
RECORDED 03/16/2016 3:17 PM
MELISSA C HOGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE 25.00
PAGES: 1

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E GAS	RELEASE OF RIGHTS
102	ALLIANT ENERGY	RELEASE OF RIGHTS

KL Engineering
In Every Direction

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.05, AMENDMENT NO. 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

Thomas J. Hansen — MARCH 8, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

3/15/16
AARON KRAMER - CITY ADMINISTRATOR — DATE

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP-AMEND-2.DWG PLOT DATE : 07/03/2015 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE :

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.05, AMENDMENT NO. 1

THIS AMENDS PARCELS 33 & 34 OF TRANSPORTATION PROJECT PLAT 1661-05-26-4.05, AS DOCUMENT NO. 326175 IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY.

THAT PART OF LOTS 1-12, INCLUSIVE, BLOCK 2, LONG'S ADDITION; THAT PART OF LOT 1, CSM 138 (RECORDED IN V.1, P.153, AS DOC. 196416); THAT PART OF COMMISSIONER'S PLAT TRACTS D, F & G; ALL LOCATED IN FARM LOT 35, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPORTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 OF LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:27 P.M. ON Oct. 22, 2015 AS DOCUMENT # 327699 AND FILED IN 3 PLATS P.

SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.05
AMENDMENT NO. 1
327699

10/22/15
Doc:327699
3 Plats 12

RECORDED 10/22/2015 3:27 PM
TERESA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE 25.00
PAGES: 1

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326190 AND FILED IN 3 PLATS, P. 6.

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 9436 & 1661-05-23 & RAILROAD PLAT

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO COMPLETION OF THE PROJECT.

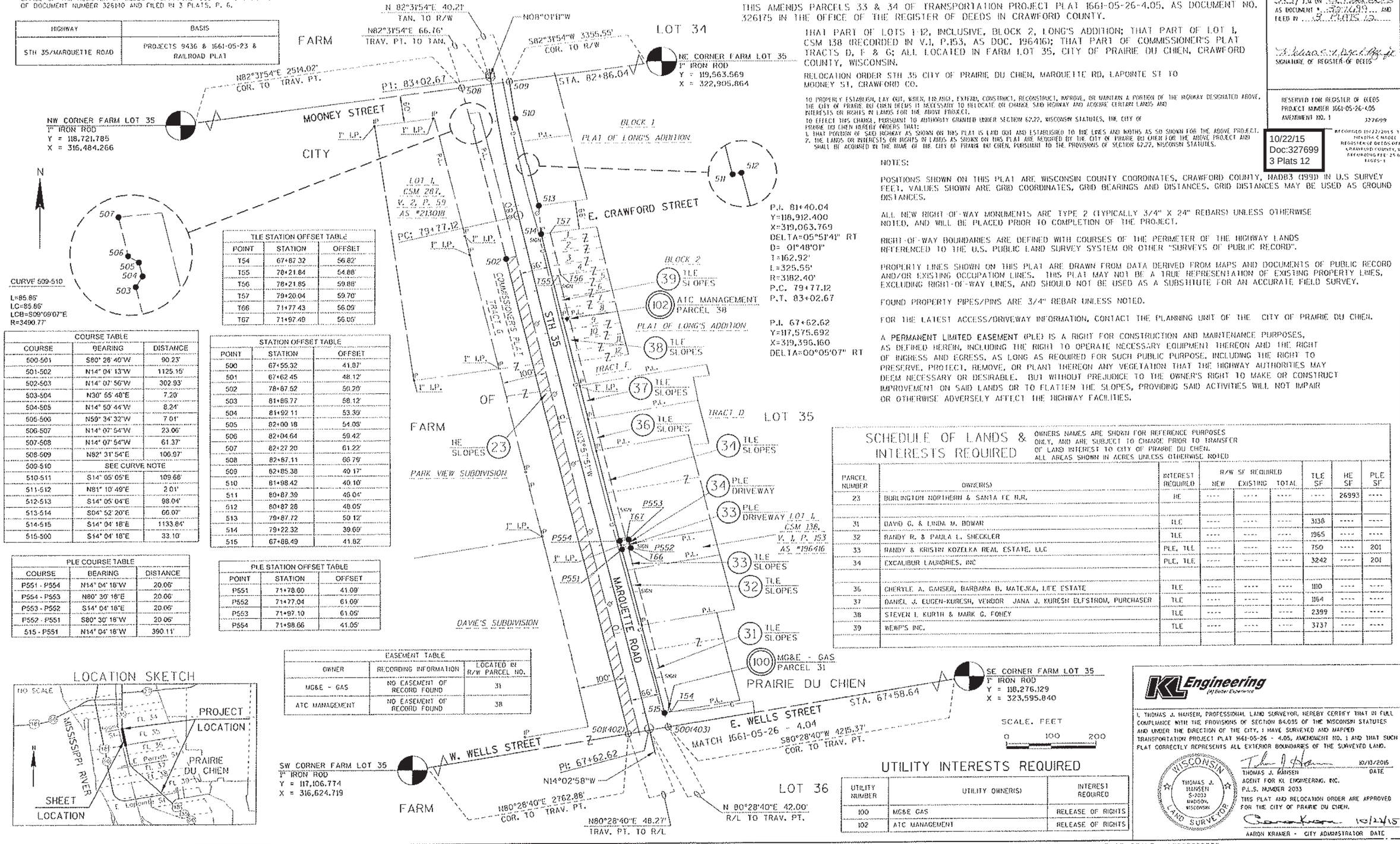
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

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.



TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T54	67+87.32	56.82'
T55	78+21.64	54.88'
T56	78+21.85	59.88'
T57	79+20.04	59.70'
T66	71+77.43	56.09'
T67	71+97.48	56.05'

COURSE TABLE		
COURSE	BEARING	DISTANCE
500-501	S80° 28' 40"W	90.23'
501-502	N14° 04' 13"W	1125.15'
502-503	N14° 07' 56"W	302.93'
503-504	N30° 55' 48"E	7.20'
504-505	N14° 50' 44"W	8.24'
505-506	N59° 34' 32"W	7.01'
506-507	N14° 07' 54"W	23.06'
507-508	N14° 07' 54"W	61.37'
508-509	N82° 31' 54"E	106.97'
509-510	SEE CURVE NOTE	
510-511	S14° 05' 05"E	109.68'
511-512	N81° 10' 49"E	2.01'
512-513	S14° 05' 04"E	98.04'
513-514	S04° 52' 20"E	66.07'
514-515	S14° 04' 18"E	1133.84'
515-500	S14° 04' 18"E	33.10'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
500	67+55.32	41.87'
501	67+62.45	48.12'
502	78+67.52	50.70'
503	81+86.77	58.12'
504	81+92.11	53.39'
505	82+00.18	54.08'
506	82+04.64	59.42'
507	82+27.20	61.22'
508	82+87.11	66.79'
509	82+85.38	40.17'
510	81+98.42	40.10'
511	80+87.39	46.04'
512	80+87.28	46.05'
513	79+87.72	50.12'
514	79+22.32	39.69'
515	67+88.49	41.82'

PLE COURSE TABLE		
COURSE	BEARING	DISTANCE
P551 - P554	N14° 04' 18"W	20.06'
P554 - P553	N80° 30' 18"E	20.06'
P553 - P552	S14° 04' 18"E	20.06'
P552 - P551	S80° 30' 18"W	20.06'
515 - P551	N14° 04' 18"W	390.11'

PLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
P551	71+78.60	41.09'
P552	71+77.04	61.09'
P553	71+97.10	61.05'
P554	71+98.66	41.05'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
MG&E - GAS	NO EASEMENT OF RECORD FOUND	31
ATC MANAGEMENT	NO EASEMENT OF RECORD FOUND	38

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	ME SF	PLE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	ME	----	----	----	----	26993	----
31	DAVID G. & LINDA M. BOWAR	TLE	----	----	----	3138	----	----
32	RANDY R. & PAULA L. SHECKLER	TLE	----	----	----	1965	----	----
33	RANDY & KRISTIN KOZELKA REAL ESTATE, LLC	PLE, TLE	----	----	----	750	----	201
34	EXCALIBUR LAURDRIES, INC	PLE, TLE	----	----	----	3242	----	201
36	CHERYLE A. GANSER, BARBARA B. MATEJKA, LIFE ESTATE	TLE	----	----	----	180	----	----
37	DANIEL J. EUGEN-KURESH, VENDOR JANA J. KURESH ELFSTROM, PURCHASER	TLE	----	----	----	1164	----	----
38	STEVEN L. KURTH & MARK G. FONEY	TLE	----	----	----	2399	----	----
39	WEWP'S INC.	TLE	----	----	----	3737	----	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E GAS	RELEASE OF RIGHTS
102	ATC MANAGEMENT	RELEASE OF RIGHTS

LOCATION SKETCH

KL Engineering

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.05, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

10/13/2015
THOMAS J. HANSEN DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

10/14/15
AARON KRAMER - CITY ADMINISTRATOR DATE

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 326140 AND FILED IN 3 PLATS, P. 6.

HIGHWAY	BASIS
STH 35/MARQUETTE ROAD	PROJECTS 9436 & 1661-05-23 & RAILROAD PLAT

TRANSPORTATION PROJECT PLAT NO: 1661-05-26-4.05

THAT PART OF LOTS 1-12, INCLUSIVE, BLOCK 2, LONG'S ADDITION; THAT PART OF LOT 1, CSM 138 (RECORDED IN V.1, P.153, AS DOC. 196416); THAT PART OF COMMISSIONER'S PLAT TRACTS D, F & G; ALL LOCATED IN FARM LOT 35, CITY OF PRAIRIE DU CHIEN, CRAWFORD COUNTY, WISCONSIN.

RELOCATION ORDER STH 35 CITY OF PRAIRIE DU CHIEN, MARQUETTE RD, LAPOINTE ST TO MOONEY ST, CRAWFORD CO.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF PRAIRIE DU CHIEN 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 62.22, WISCONSIN STATUTES, THE CITY OF PRAIRIE DU CHIEN 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 CITY OF PRAIRIE DU CHIEN FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF PRAIRIE DU CHIEN, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN CRAWFORD COUNTY, WISCONSIN AT 3:51 PM ON May 8, 2015 AS DOCUMENT # 326175 AND FILED IN 3 Plats 10

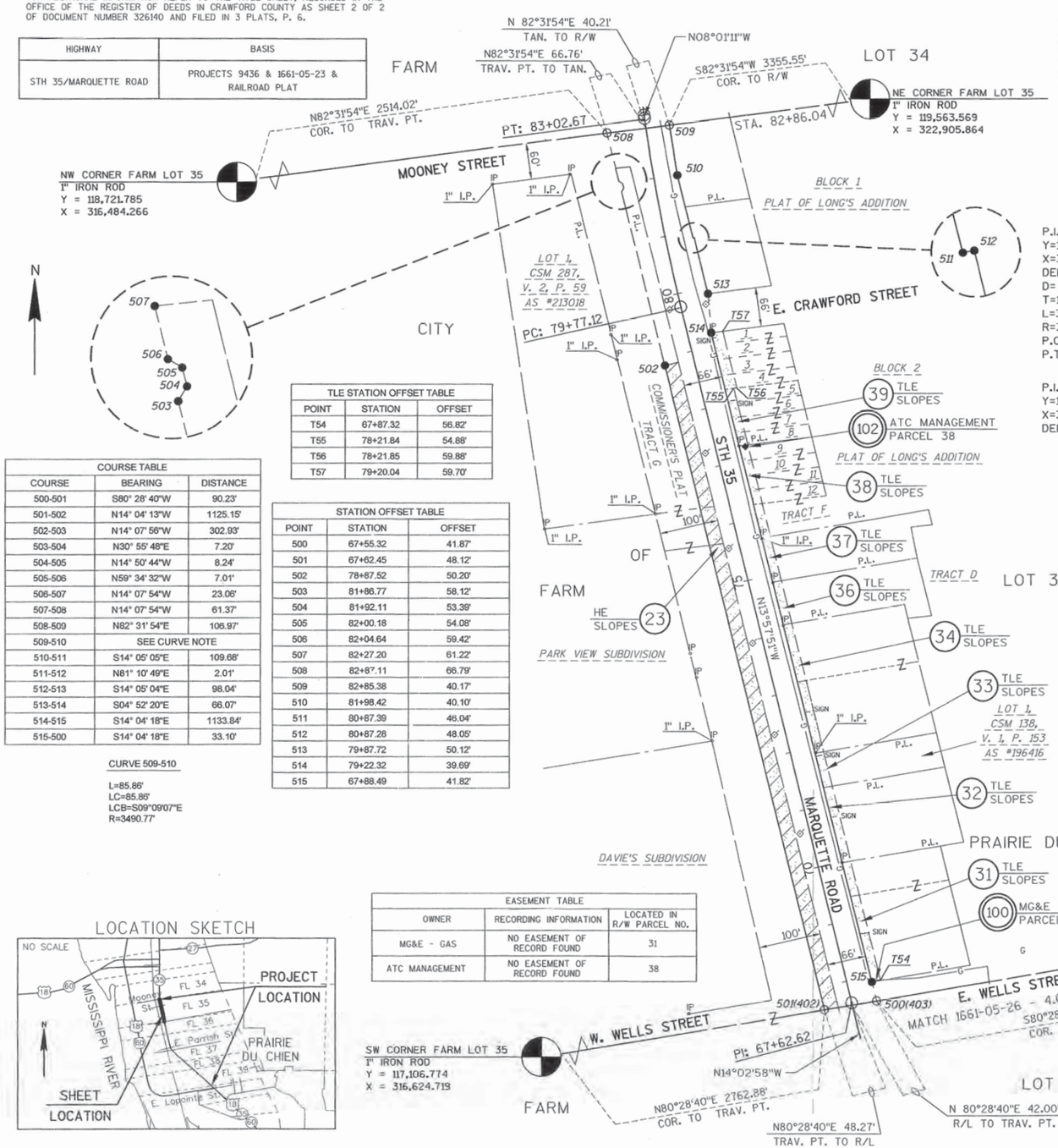
Melissa C Nagel
SIGNATURE OF REGISTER OF DEEDS

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1661-05-26-4.05

5/8/15
Doc:326175
3 Plats 10

SCALE, FEET
0 100 200

326175
RECORDED 05/08/2015 3:51 PM
MELISSA C NAGEL
REGISTER OF DEEDS OFFICE
CRAWFORD COUNTY, WI
RECORDING FEE: 25.00
PAGES: 1



P.I. 81+40.04
Y=118,912.400
X=319,063.769
DELTA=05°51'41" RT
D= 01°48'01"
T=162.92'
L=325.55'
R=3182.40'
P.C. 79+77.12
P.T. 83+02.67

P.I. 67+62.62
Y=117,575.692
X=319,396.160
DELTA=00°05'07" RT

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 (1991) IN U.S SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO 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 OCCUPATION 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.

FOUND PROPERTY PIPES/PINS ARE 3/4" REBAR UNLESS NOTED.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF PRAIRIE DU CHIEN.

COURSE TABLE		
COURSE	BEARING	DISTANCE
500-501	S80° 28' 40"W	90.23'
501-502	N14° 04' 13"W	1125.15'
502-503	N14° 07' 56"W	302.93'
503-504	N30° 55' 48"E	7.20'
504-505	N14° 50' 44"W	8.24'
505-506	N59° 34' 32"W	7.01'
506-507	N14° 07' 54"W	23.06'
507-508	N14° 07' 54"W	61.37'
508-509	N82° 31' 54"E	106.97'
509-510	SEE CURVE NOTE	
510-511	S14° 05' 05"E	109.68'
511-512	N81° 10' 49"E	2.01'
512-513	S14° 05' 04"E	98.04'
513-514	S04° 52' 20"E	66.07'
514-515	S14° 04' 18"E	1133.84'
515-500	S14° 04' 18"E	33.10'

CURVE 509-510

L=85.86'
LC=85.86'
LCB=S09°09'07"E
R=3490.77'

TLE STATION OFFSET TABLE		
POINT	STATION	OFFSET
T54	67+87.32	56.82'
T55	78+21.84	54.88'
T56	78+21.85	59.88'
T57	79+20.04	59.70'

STATION OFFSET TABLE		
POINT	STATION	OFFSET
500	67+55.32	41.87'
501	67+62.45	48.12'
502	78+87.52	50.20'
503	81+86.77	58.12'
504	81+92.11	53.39'
505	82+00.18	54.08'
506	82+04.64	59.42'
507	82+27.20	61.22'
508	82+87.11	66.79'
509	82+85.38	40.17'
510	81+98.42	40.10'
511	80+87.39	46.04'
512	80+87.28	48.05'
513	79+87.72	50.12'
514	79+22.32	39.69'
515	67+88.49	41.82'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
MG&E - GAS	NO EASEMENT OF RECORD FOUND	31
ATC MANAGEMENT	NO EASEMENT OF RECORD FOUND	38

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO CITY OF PRAIRIE DU CHIEN. ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	TLE SF	HE SF
23	BURLINGTON NORTHERN & SANTA FE R.R.	HE	----	----	----	----	26993
31	DAVID G. & LINDA M. BOWAR	TLE	----	----	----	3138	----
32	RANDY R. & PAULA L. SHECKLER	TLE	----	----	----	1965	----
33	AVALO A. & LUCILLE M. BERNS	TLE	----	----	----	900	----
34	EXCALIBUR LAUNDRIES, INC	TLE	----	----	----	3394	----
36	CHERYLE A. GANSER, BARBARA B. MATEJKA, LIFE ESTATE	TLE	----	----	----	1110	----
37	DANIEL J. EUGEN-KURESH, VENDOR JANA J. KURESH ELFSTROM, PURCHASER	TLE	----	----	----	1164	----
38	STEVEN L KURTH & MARK G. FOHEY	TLE	----	----	----	2399	----
39	WEWP'S INC.	TLE	----	----	----	3737	----

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	MG&E GAS	RELEASE OF RIGHTS
102	ATC MANAGEMENT	RELEASE OF RIGHTS

LOCATION SKETCH

NO SCALE

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, 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 CITY, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1661-05-26 - 4.05 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

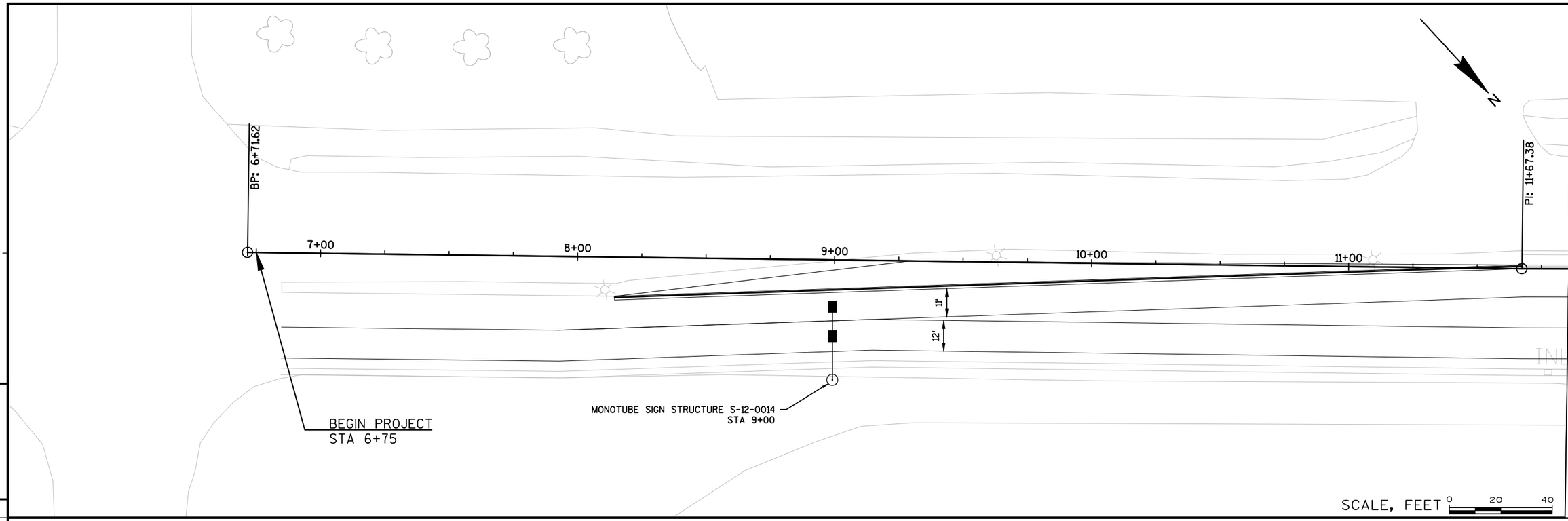
Thomas J Hansen 04/23/2015
THOMAS J. HANSEN DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF PRAIRIE DU CHIEN.

Aaron Kramer 5/8/15
AARON KRAMER - CITY ADMINISTRATOR DATE

FILE NAME : G:\KNIGHT EA\14015-000\CIVIL3D\SHEETSPLAN\RW\040101-RP.DWG
PLOT DATE : 07/05/2015
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : ==========

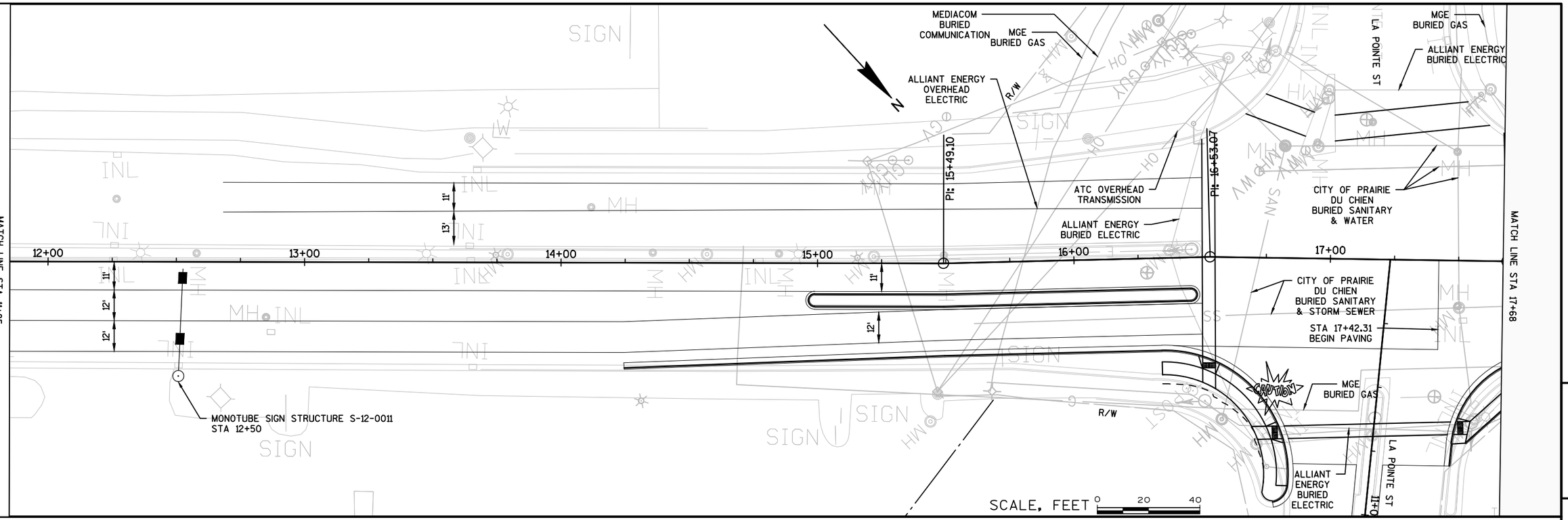
4.05



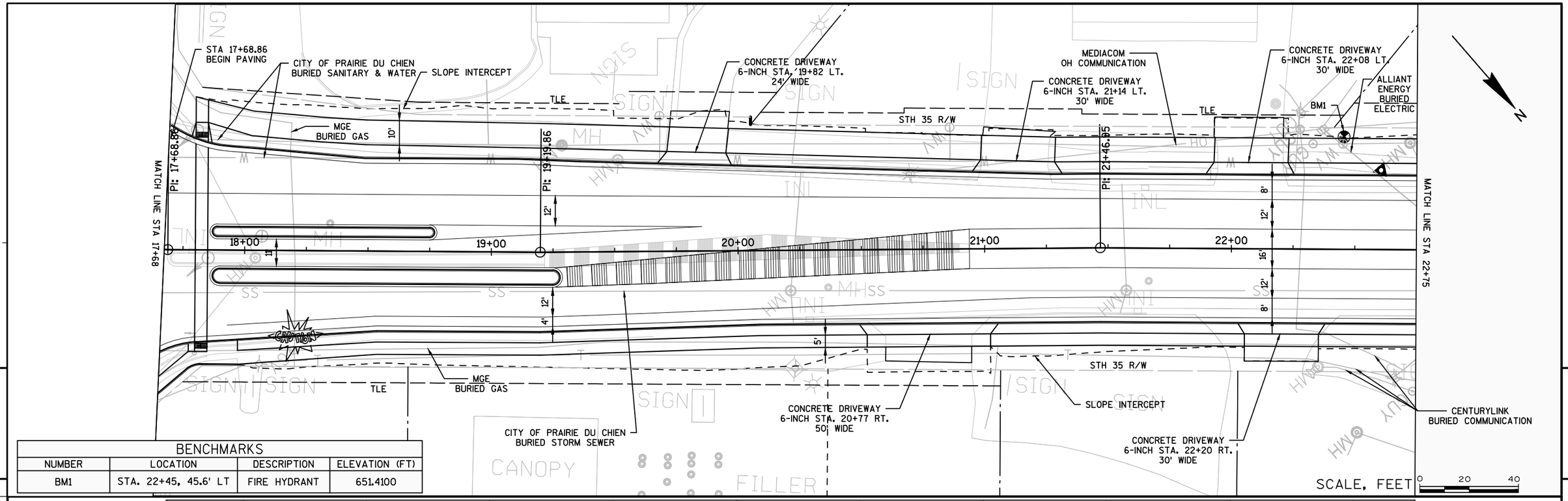
5

5

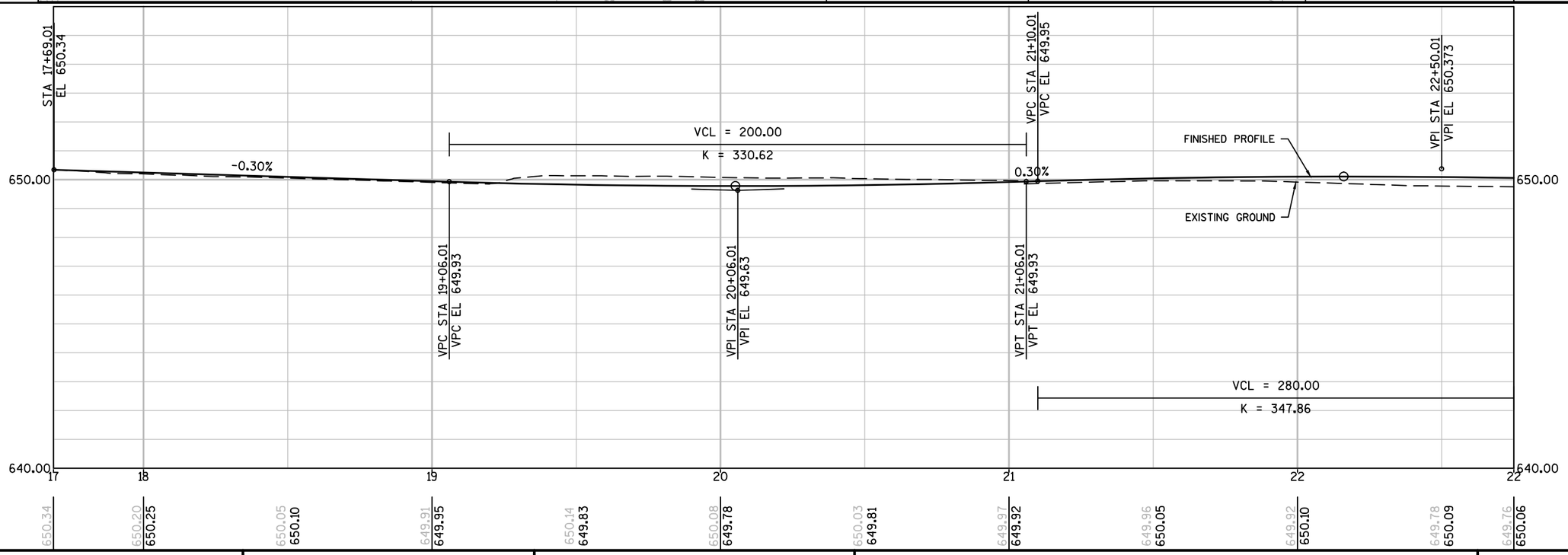
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 234	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 235	E



BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM1	STA. 22+45, 45.6' LT	FIRE HYDRANT	651.4100



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 236	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (2)
PLOT DATE : 11/8/2017 4:29 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

MATCH LINE STA 22+75

MATCH LINE STA 28+25

MEDIACOM
OH COMMUNICATION

CONCRETE DRIVEWAY
6-INCH STA. 23+47 LT.
20' WIDE

CONCRETE DRIVEWAY
6-INCH STA. 24+52 LT.
35' WIDE

MEDIACOM/ ALLIANT ENERGY
OH COMM./ELECTRIC

CONCRETE DRIVEWAY
6-INCH STA. 26+71 LT.
35' WIDE

CITY OF PRAIRIE DU CHIEN
BURIED SANITARY & WATER

SLOPE INTERCEPT

MGE
BURIED GAS

TLE

STH 35 R/W

10'

8'

12'

16'

12'

8'

5'

STA. 23+94.22 =
STA. 10+00.00FI

23+00 24+00 25+00 26+00 27+00 28+00

CAUTION

MGE
BURIED GAS

15TH ST

EP: 10+79.08FI

CENTURYLINK
BURIED COMMUNICATION

CITY OF PRAIRIE DU
CHIEN
BURIED SANITARY

ALLIANT
ENERGY
OH ELECTRIC

CITY OF PRAIRIE DU
CHIEN
BURIED STORM SEWER

CONCRETE DRIVEWAY
6-INCH STA. 25+92 RT.
30' WIDE

SLOPE INTERCEPT

MGE
BURIED
GAS

CENTURYLINK
BURIED COMMUNICATION

CONCRETE DRIVEWAY
6-INCH STA. 27+63 RT.
35' WIDE

SCALE, FEET 0 20 40

VCL = 300.00
K = 281.11

VPT STA 23+90.01
VPT EL 649.67

FINISHED PROFILE

EXISTING GROUND

-0.50%

VCL = 280.00
K = 347.86

VPC STA 25+40.02
VPC EL 648.92

VPI STA 26+90.02
VPI EL 648.17

650.00

640.00

22 23 24 25 26 27 28

649.76 650.06 649.69 650.01 649.56 649.85 649.42 649.62 649.25 649.37 649.10 649.12 648.96 648.87 648.81 648.69 648.67 648.59 648.62 648.58 648.65 648.66 648.87 648.83 649.03 648.94

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 237	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (3)

PLOT DATE : 11/8/2017 4:30 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

MEDIACOM/ ALLIANT ENERGY OH COMM./ELECTRIC

CONCRETE DRIVEWAY 6-INCH STA. 28+72 LT. 20' WIDE

MULTI-USE PATH 3" ASPHALTIC SURFACE

CONCRETE DRIVEWAY 6-INCH STA. 30+17 LT. 30' WIDE

CITY OF PRAIRIE DU CHIEN BURIED WATER

CITY OF PRAIRIE DU CHIEN BURIED STORM SEWER

TLE

CONCRETE DRIVEWAY 6-INCH STA. 32+67 LT. 30' WIDE

SLOPE INTERCEPT

STH 35 R/W

ALLIANT ENERGY BURIED ELECTRIC

CONCRETE CURB & GUTTER 30-INCH TYPE A

10'
8'
12'
16'
12'
8'
5'

MATCH LINE STA 28+25

MATCH LINE STA 33+75

29+00 30+00 31+00 32+00 33+00

STA. 32+67.00 = STA. 10+00.00PR

MGE

ALLIANT ENERGY

CENTURYLINK BURIED COMMUNICATION

11+00MD

PC: 10+69.19PR

PRAIRIE ST

PPC: 10+5

STH 35 R/W

CENTURYLINK BURIED COMMUNICATION

SLOPE INTERCEPT

CITY OF PRAIRIE DU CHIEN BURIED STORM SEWER

BM 2

CONCRETE DRIVEWAY 6-INCH STA. 31+01 RT. 30' WIDE

TLE

CENTURYLINK BURIED COMMUNICATION

CITY OF PRAIRIE DU CHIEN BURIED SANITARY

SCALE, FEET 0 20 40

BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM2	STA. 30+64, 49.8' RT	LIGHT POLE	652.4600

VCL = 300.00
K = 281.11

EXISTING GROUND

FINISHED PROFILE

0.51%

VPT STA 28+40.02
VPT EL 649.02

650.00

640.00

28 29 30 31 32 33 33

649.03 648.94 649.24 649.08 649.71 649.36 650.14 649.65 650.49 649.93 650.77 650.21 651.00 650.50 651.19 650.78 651.38 651.07 651.54 651.35 651.69 651.63 651.87 651.92 651.97 652.06

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 238	E

MGE
BURIED GAS

CONCRETE DRIVEWAY
6-INCH STA. 33+95 LT.
30' WIDE

SLOPE INTERCEPT

TLE

STH 35 R/W

MEDIACOM/ ALLIANT
ENERGY
OH COMM./ELECTRIC

ALLIANT
ENERGY
OH ELECTRIC

MATCH LINE STA 33+75

MATCH LINE STA 39+00

10'
8'
12'
16'
12'
8'
5'

34+00 35+00 36+00 37+00 38+00 39+

ALLIANT ENERGY
OH ELECTRIC

CITY OF PRAIRIE DU
CHIEN
BURIED STORM SEWER

MGE
BURIED
GAS

STH 35 R/W

CONCRETE DRIVEWAY
6-INCH STA. 35+25 RT.
30' WIDE

CENTURYLINK
BURIED COMMUNICATION

SLOPE INTERCEPT

TLE

CENTURYLINK
BURIED COMMUNICATION

CONCRETE DRIVEWAY
6-INCH STA. 37+25 RT.
30' WIDE

11+10.95MD

SCALE, FEET 0 20 40

660.00

650.00

STA 34+00.01
EL 652.20

FINISHED PROFILE

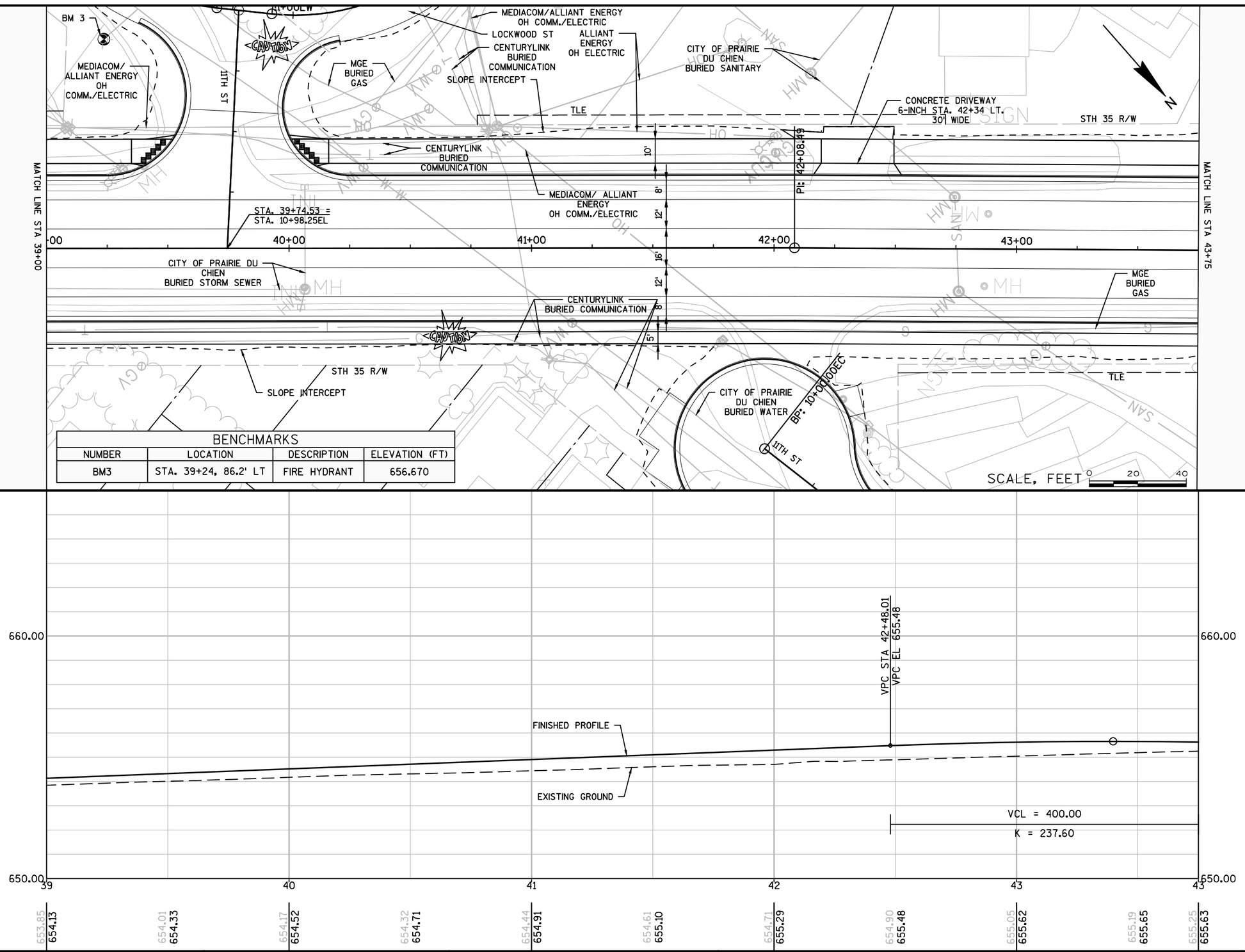
0.39%

EXISTING GROUND

33 34 35 36 37 38 39

651.97 652.06 | 652.10 652.20 | 652.25 652.39 | 652.41 652.59 | 652.62 652.78 | 652.84 652.97 | 652.99 653.17 | 653.15 653.36 | 653.35 653.55 | 653.53 653.75 | 653.68 653.94 | 653.85 654.13

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 239	E



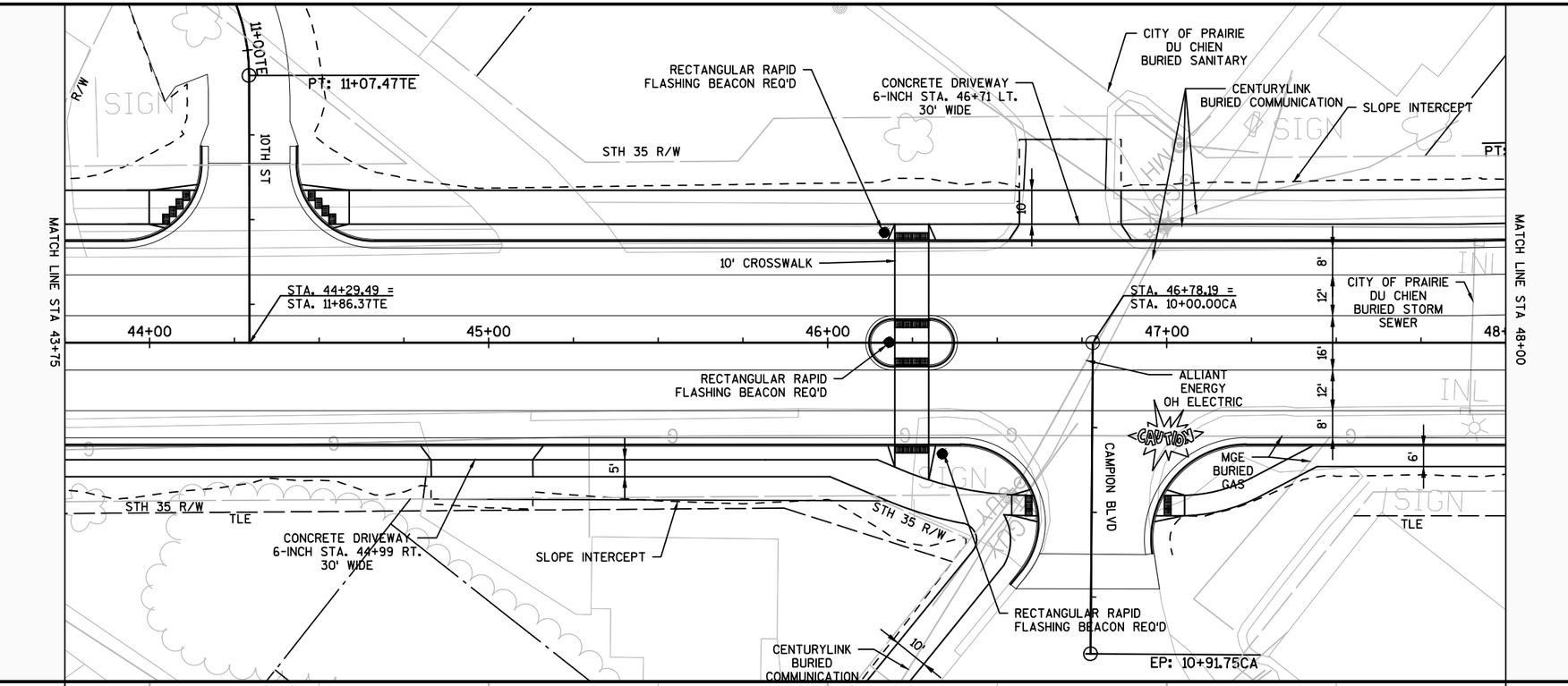
BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM3	STA. 39+24, 86.2' LT	FIRE HYDRANT	656.670

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 240	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (6)

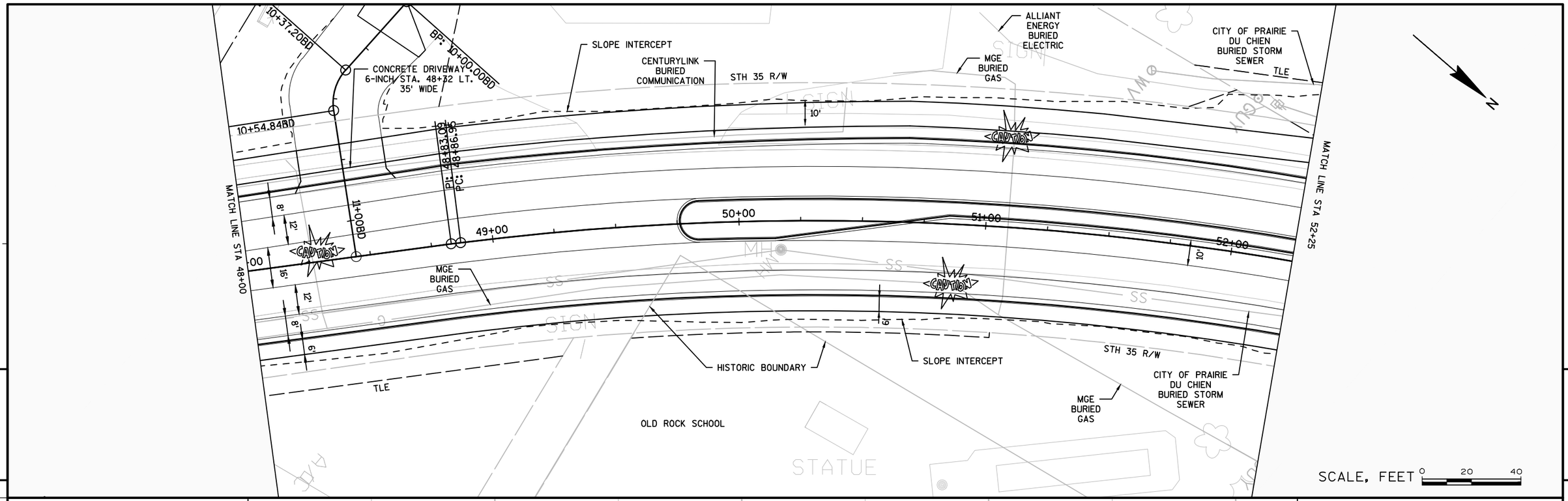
PLOT DATE : 11/8/2017 4:31 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

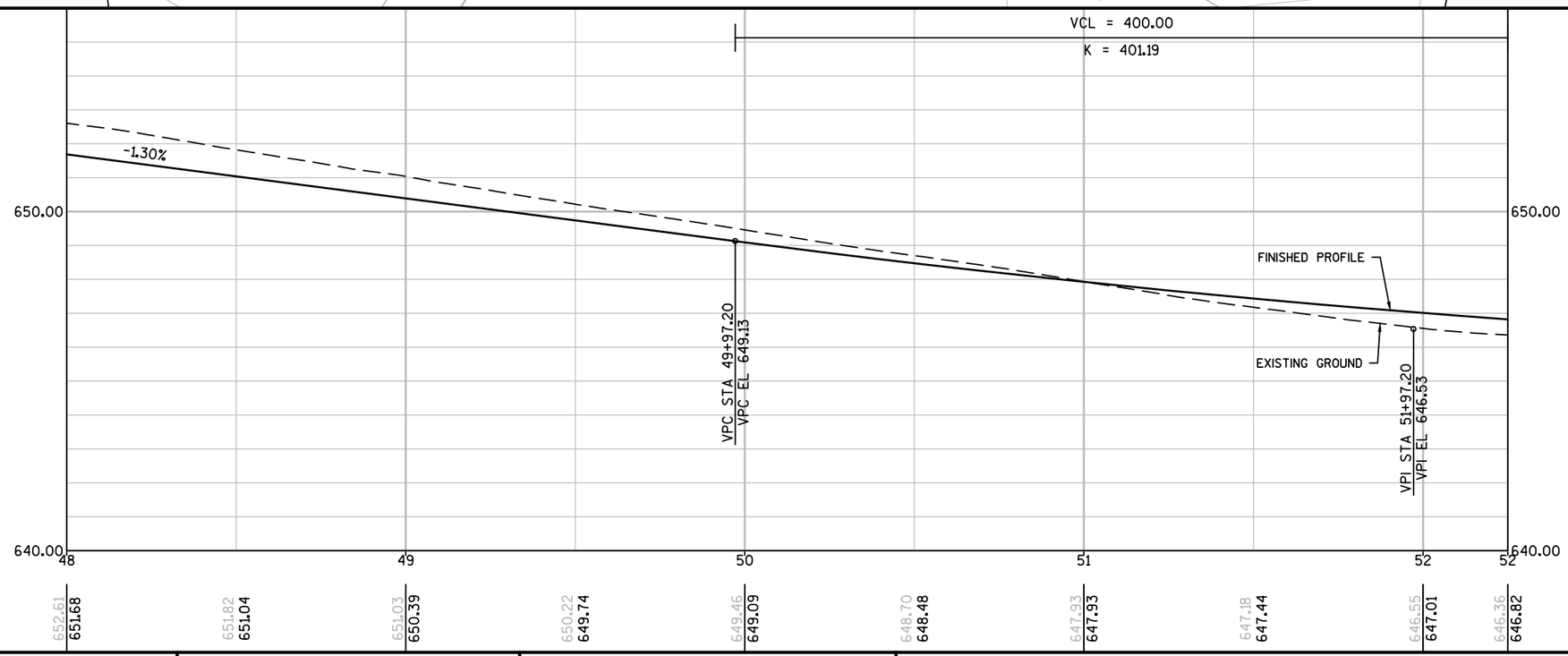
WISDOT/CADDS SHEET 44



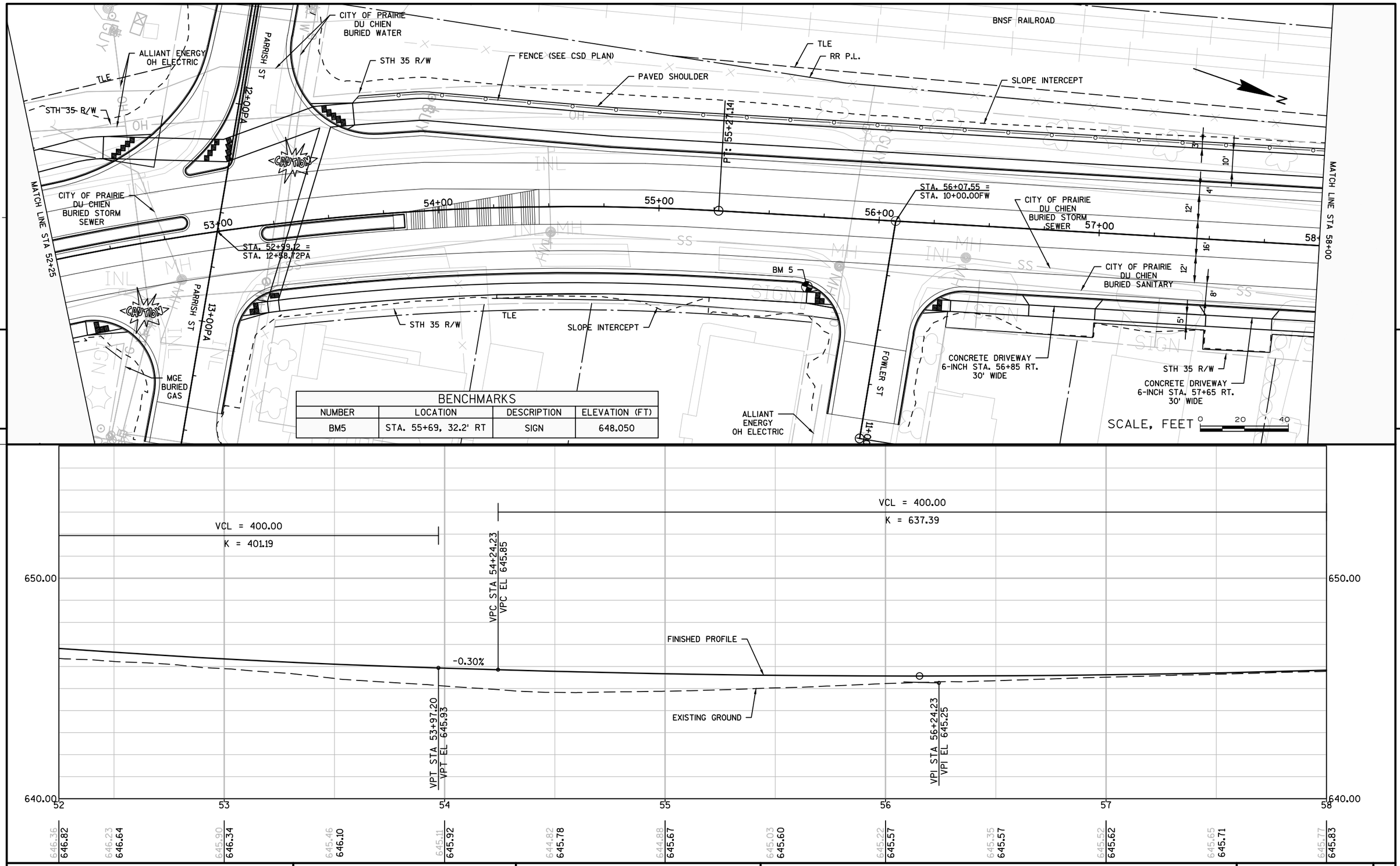
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 241	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (7)
PLOT DATE : 11/8/2017 4:32 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 242	E



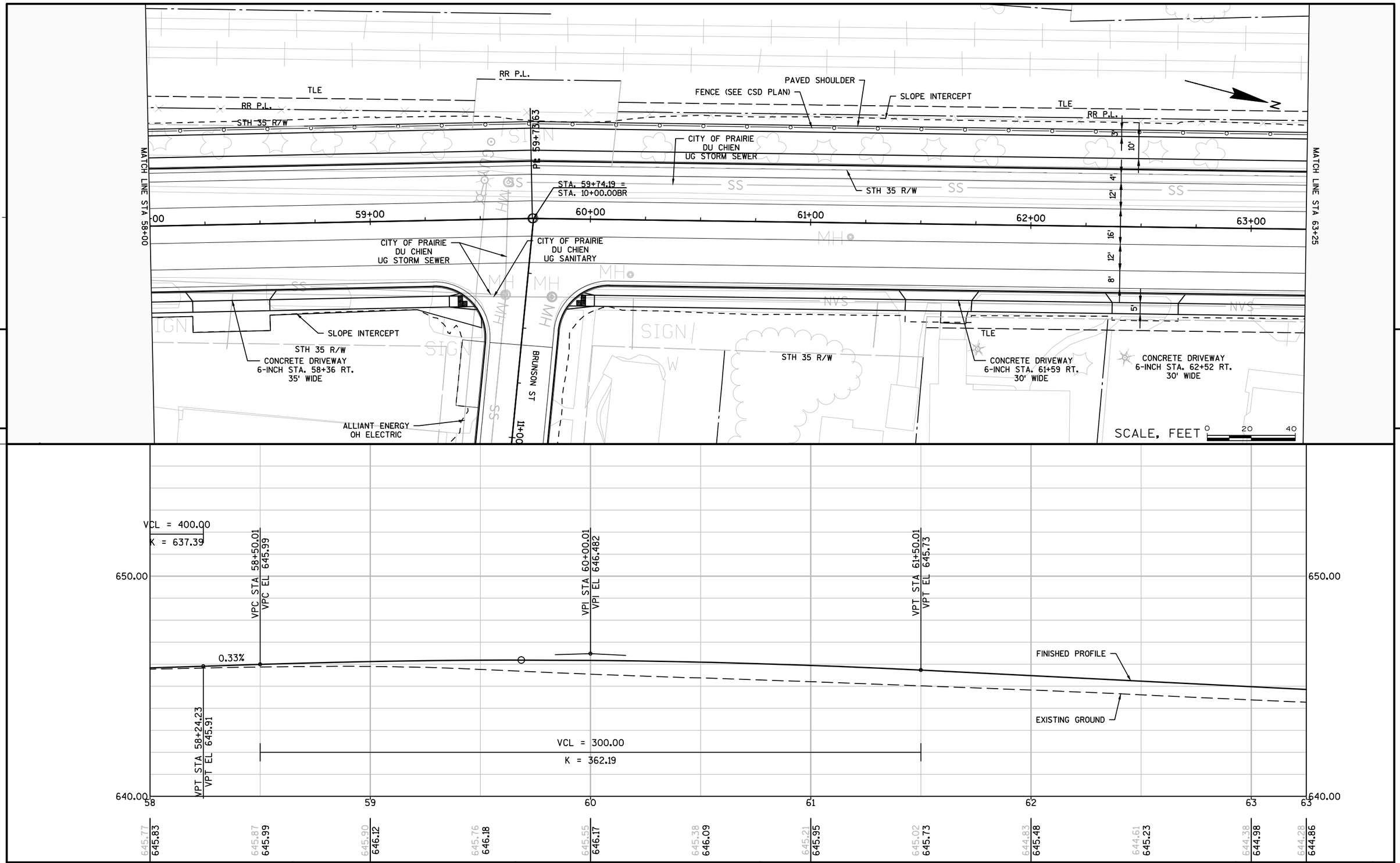
BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM5	STA. 55+69, 32.2' RT	SIGN	648.050

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 243	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (9)

PLOT DATE : 11/8/2017 4:32 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

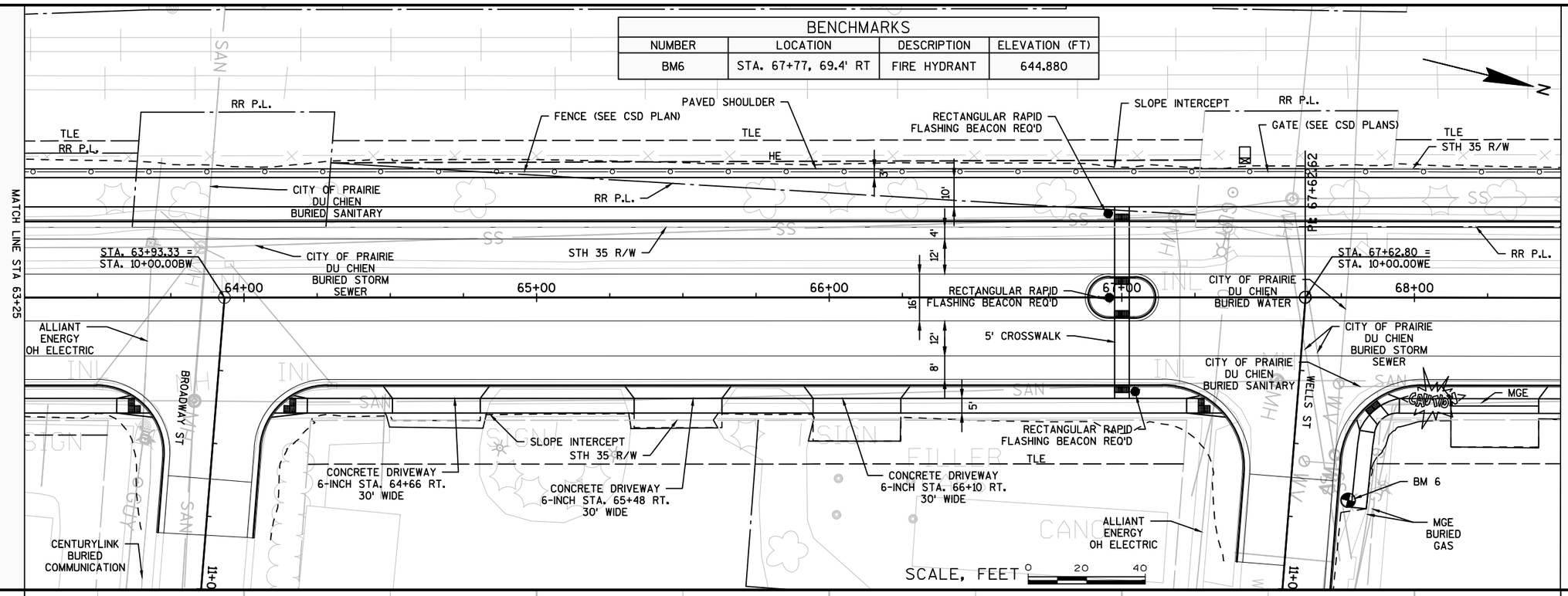
WISDOT/CADDS SHEET 44

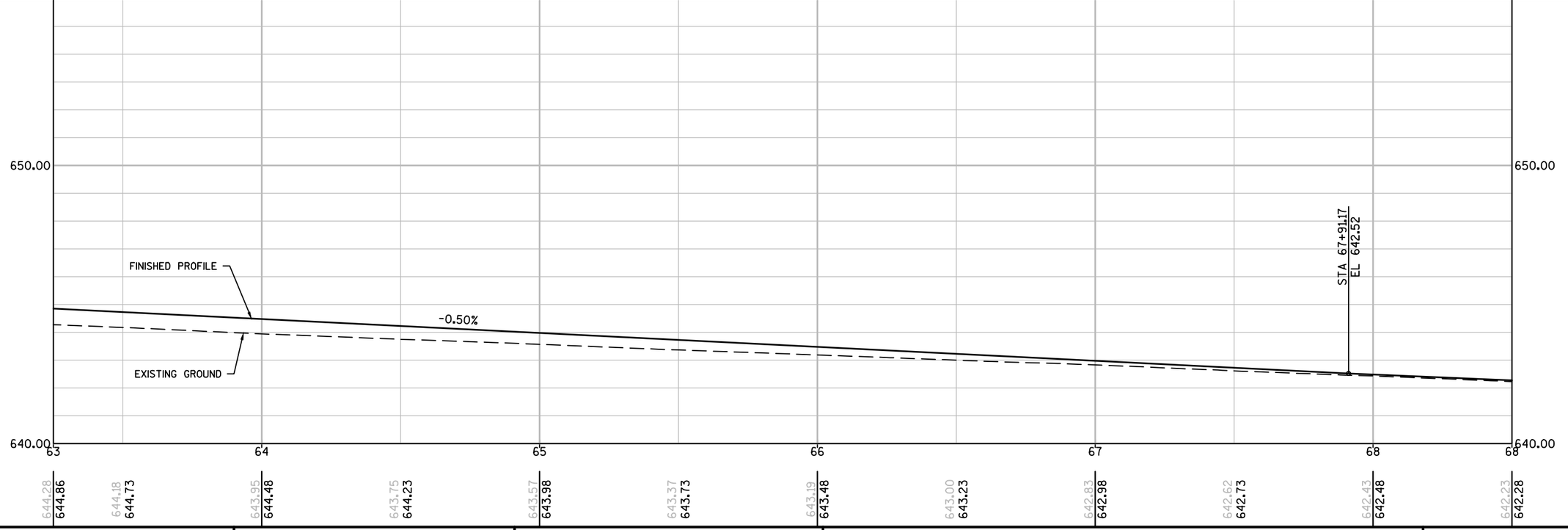


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 244	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (10)
PLOT DATE : 11/8/2017 4:33 PM
PLOT BY : KAKACEK, JOHN
PLOT NAME :
PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM6	STA. 67+77, 69.4' RT	FIRE HYDRANT	644.880



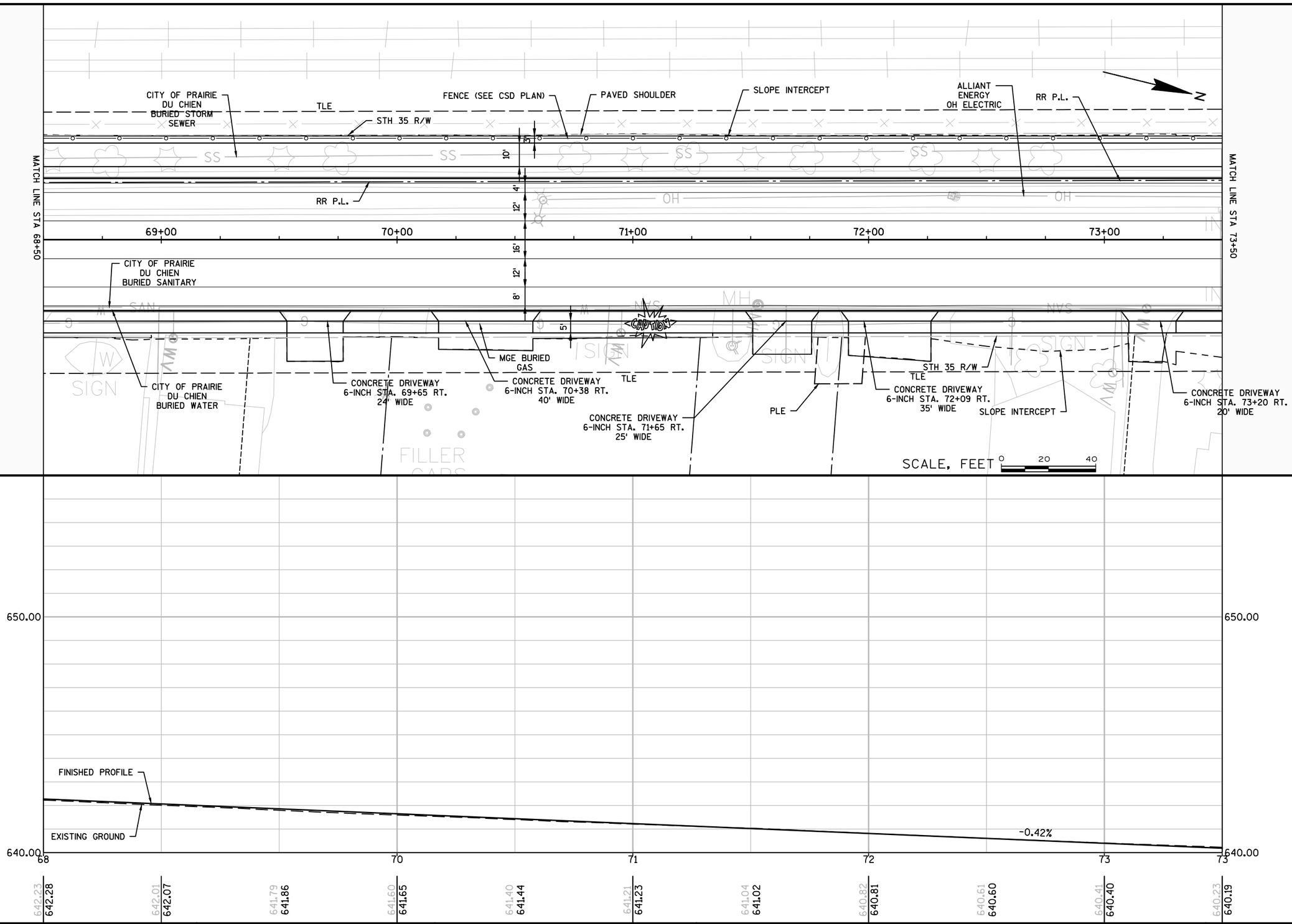


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 245	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (11)

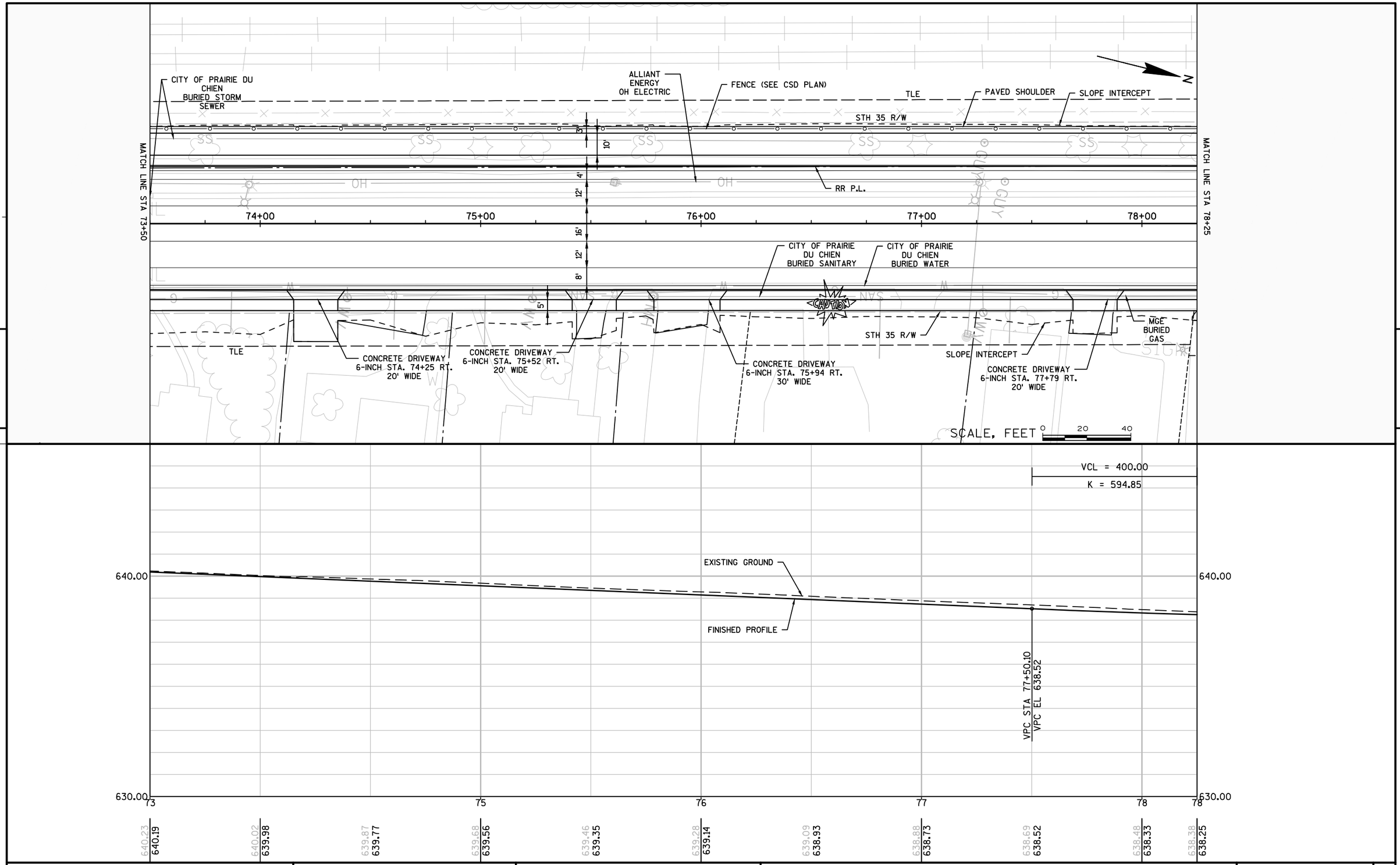
PLOT DATE : 11/8/2017 4:33 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 246	E

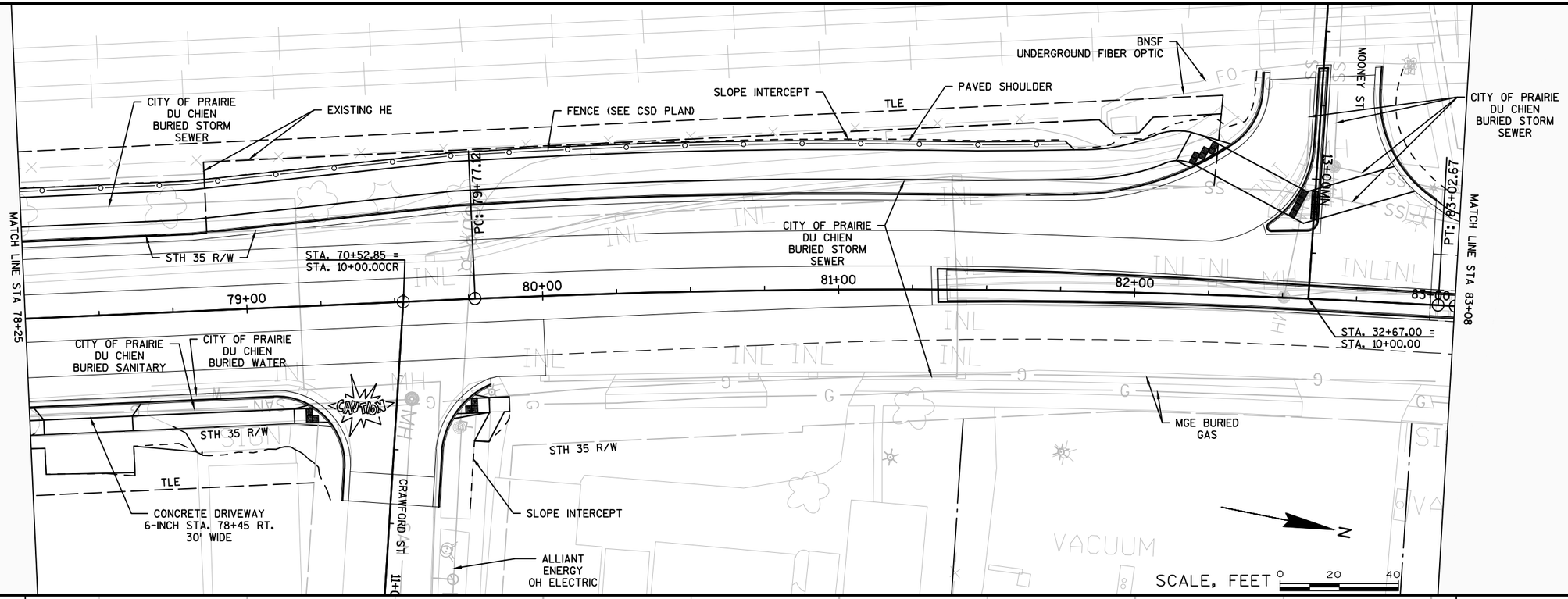
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (12)
PLOT DATE : 11/9/2017 12:17 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 247	E

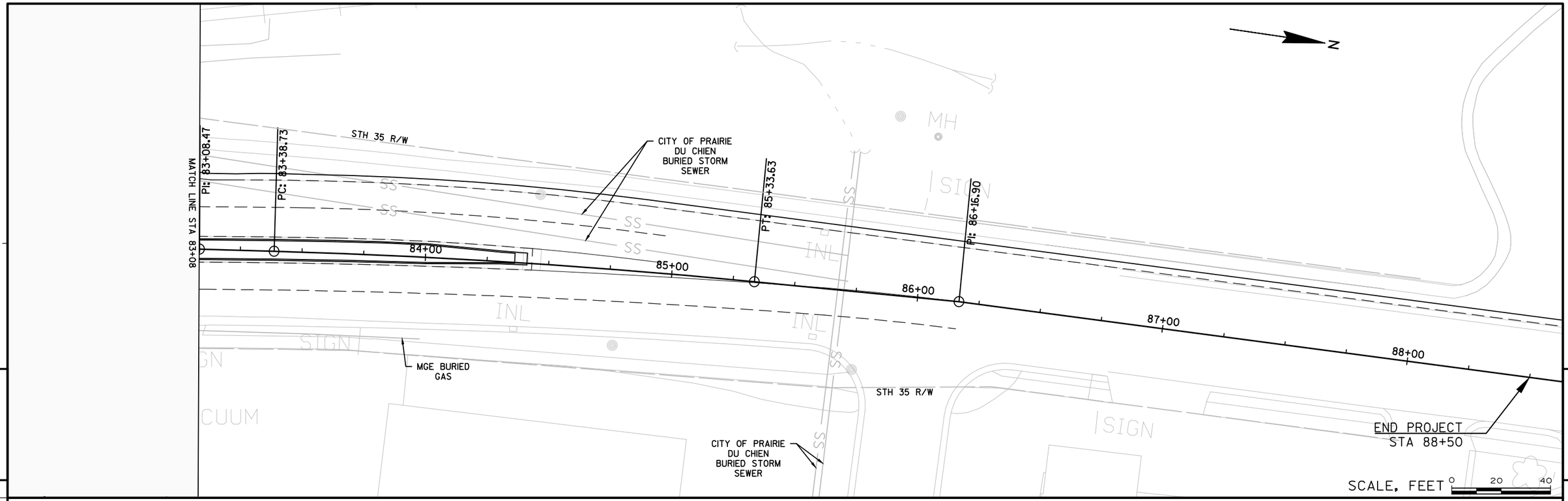
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (13)

PLOT DATE : 11/8/2017 4:34 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

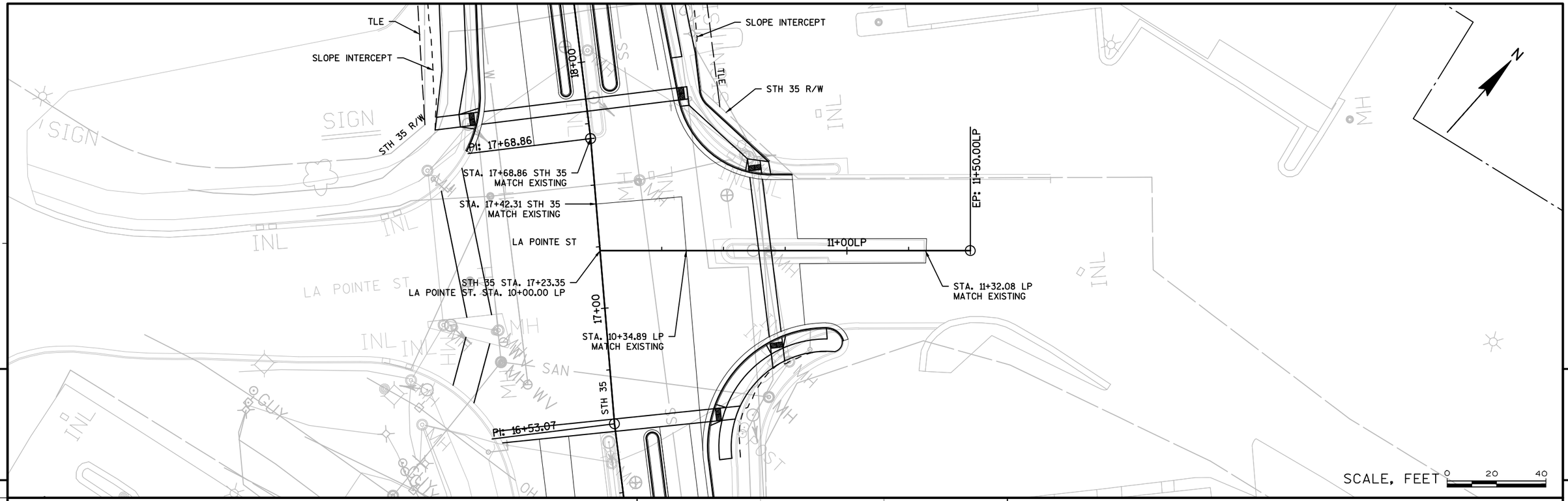


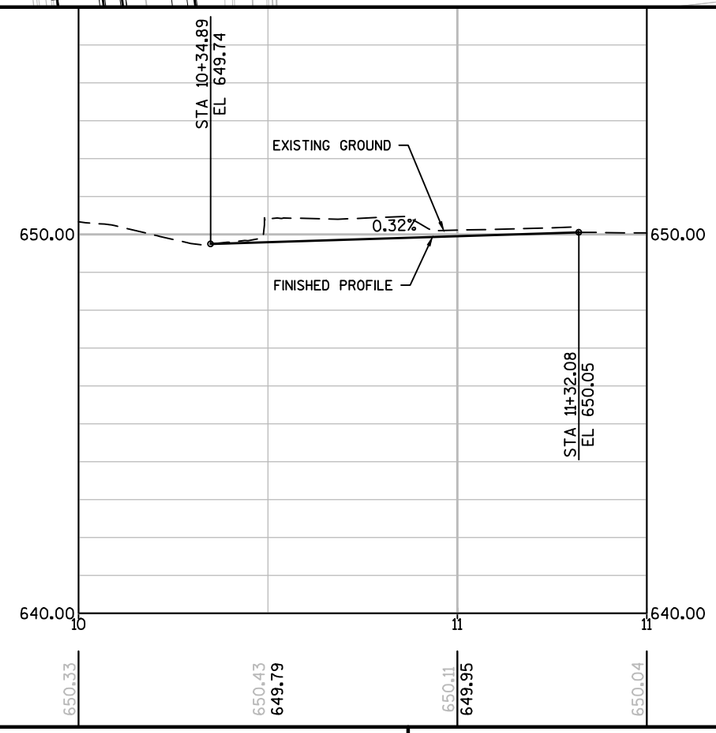
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 248	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - SHEET - (14)
PLOT DATE : 11/8/2017 4:34 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

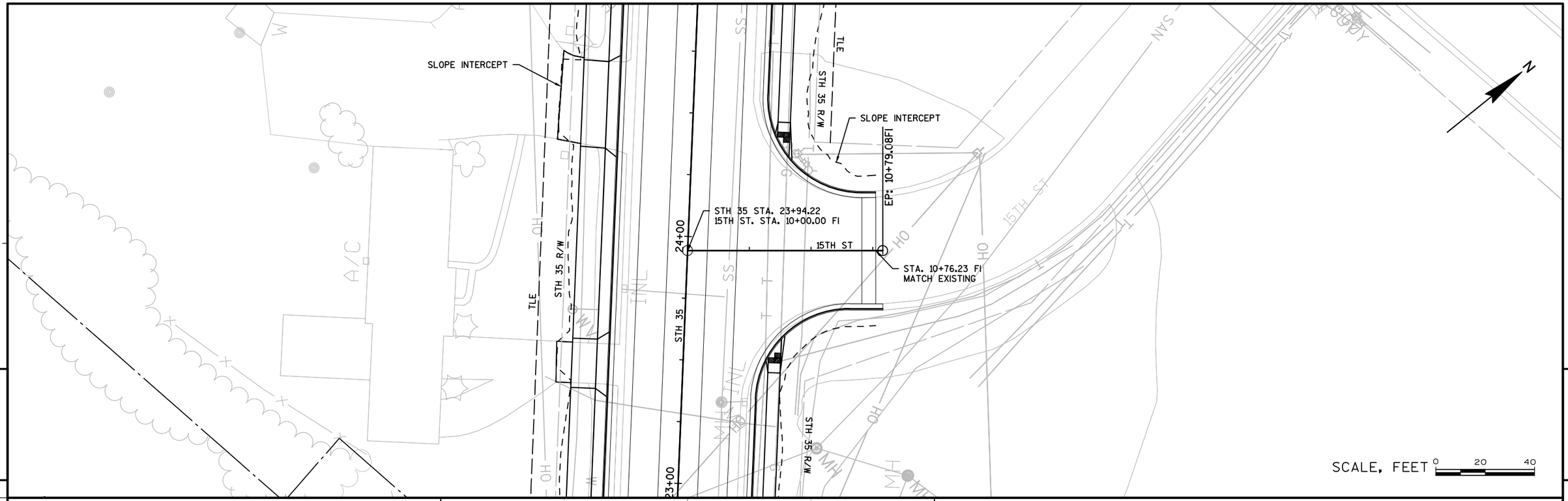


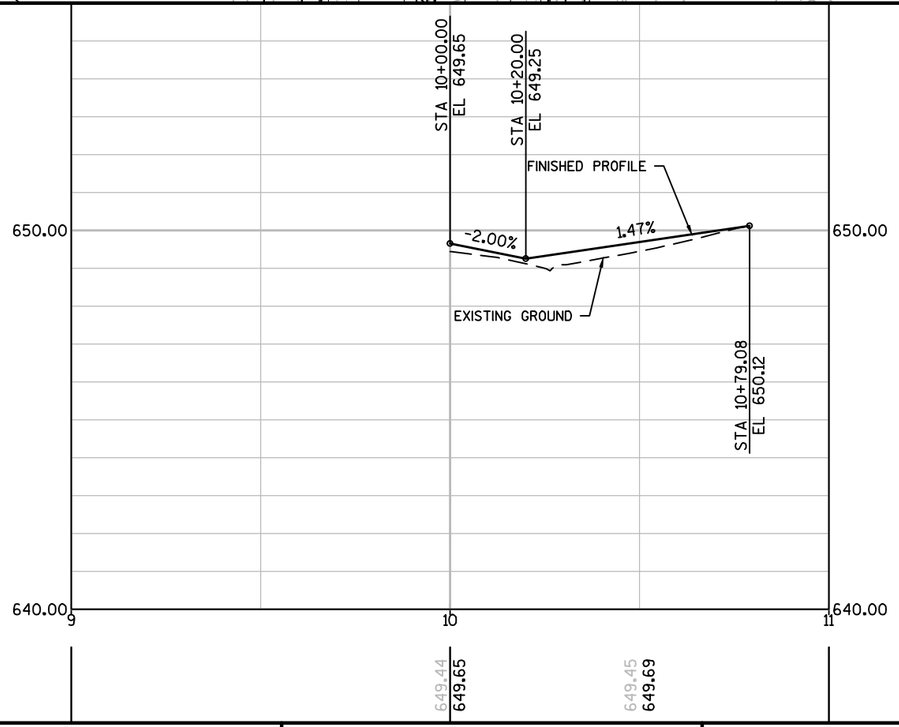
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: STH 35	SHEET 249	E



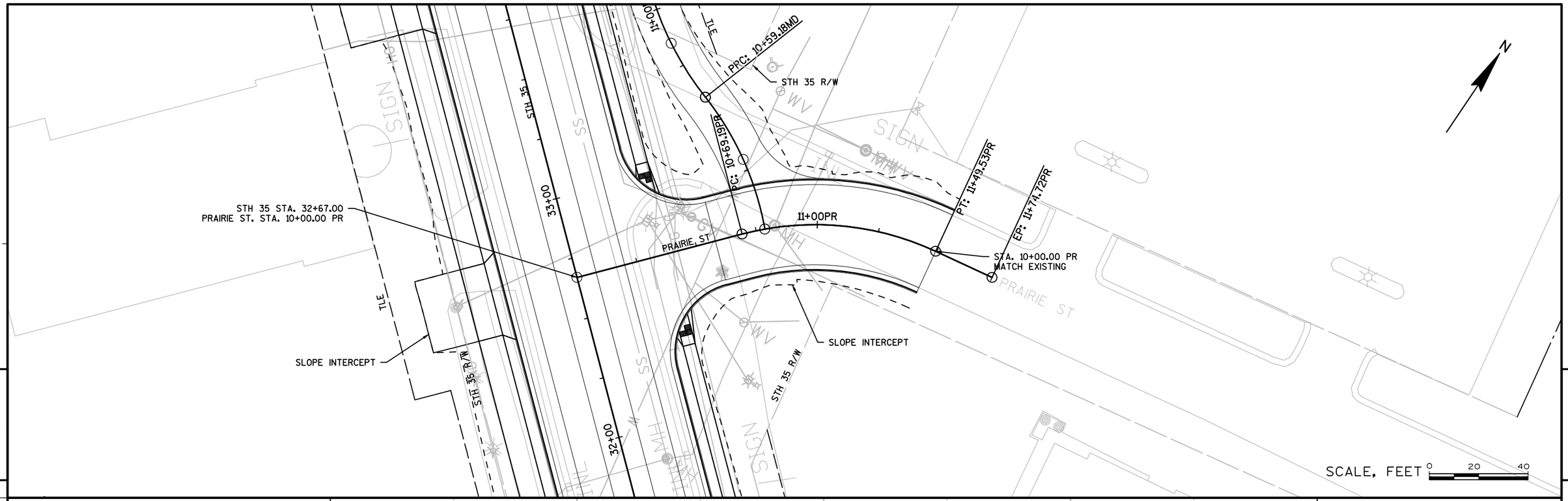


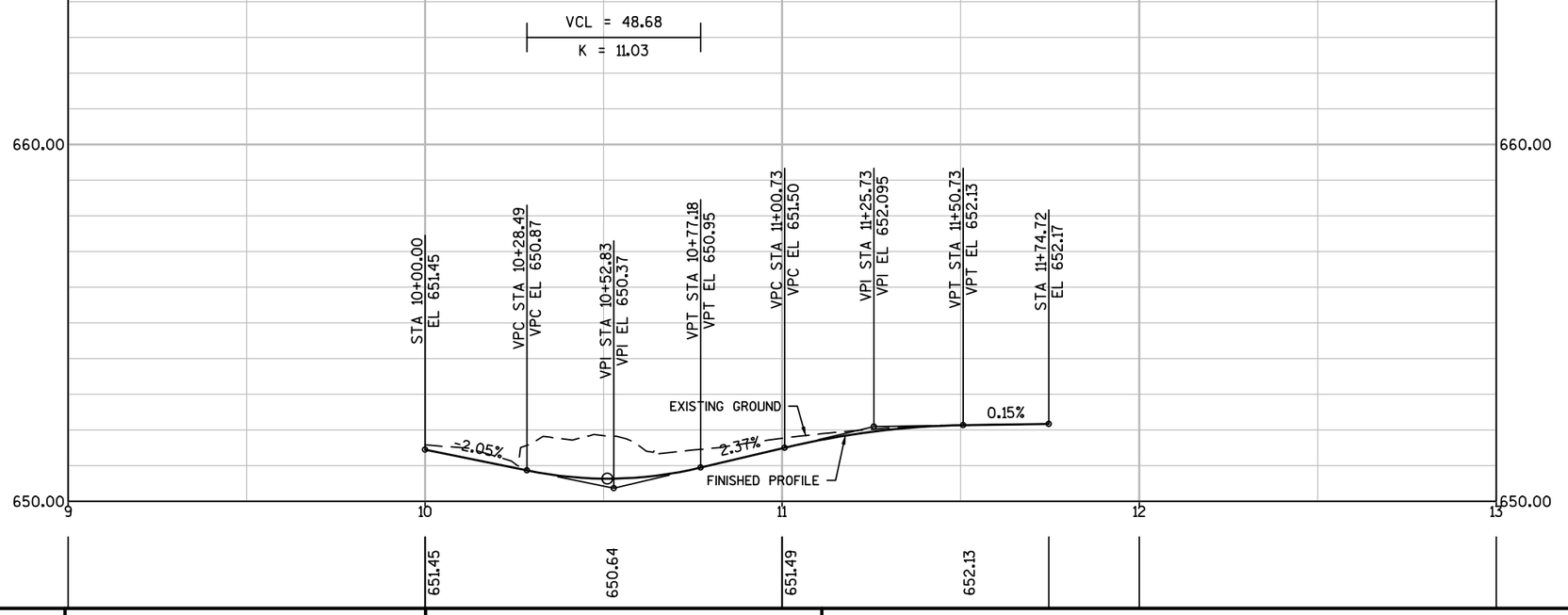
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: LA POINTE STREET	SHEET 250	E



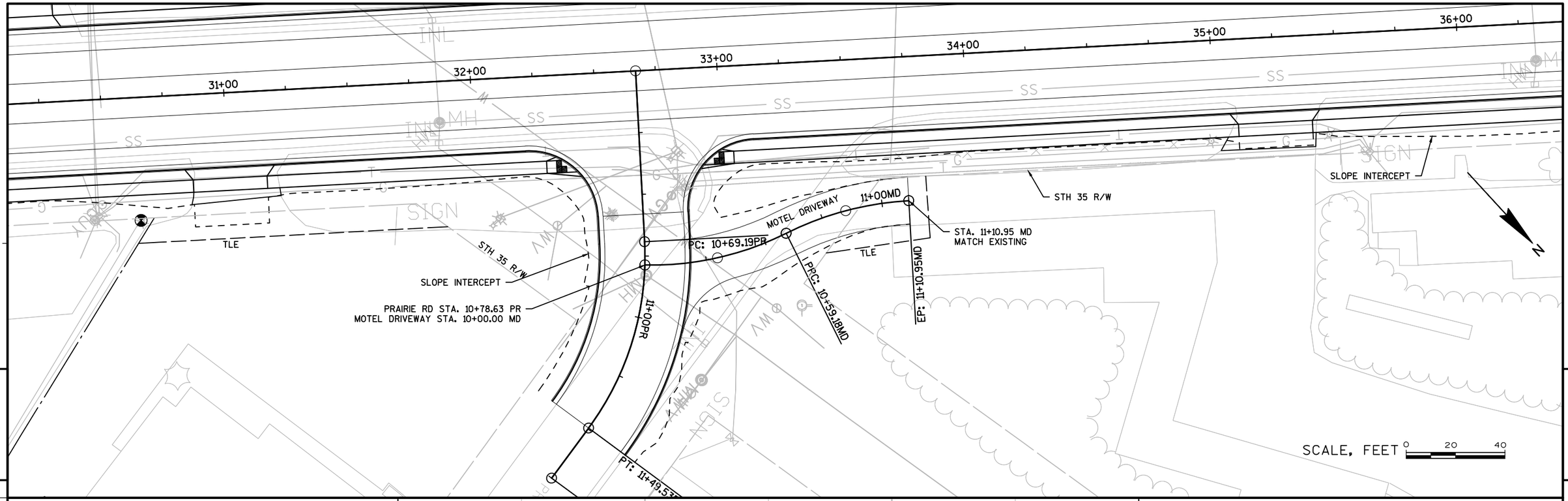


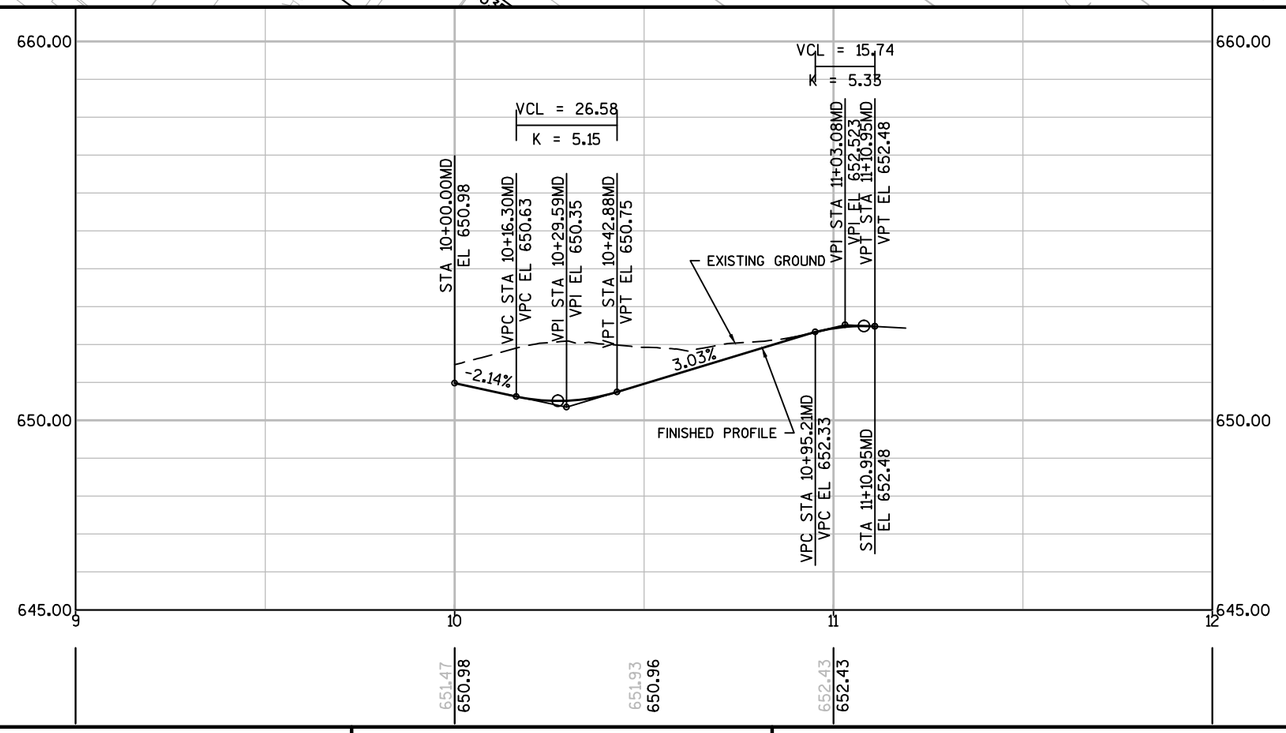
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: 15TH STREET	SHEET 251	E



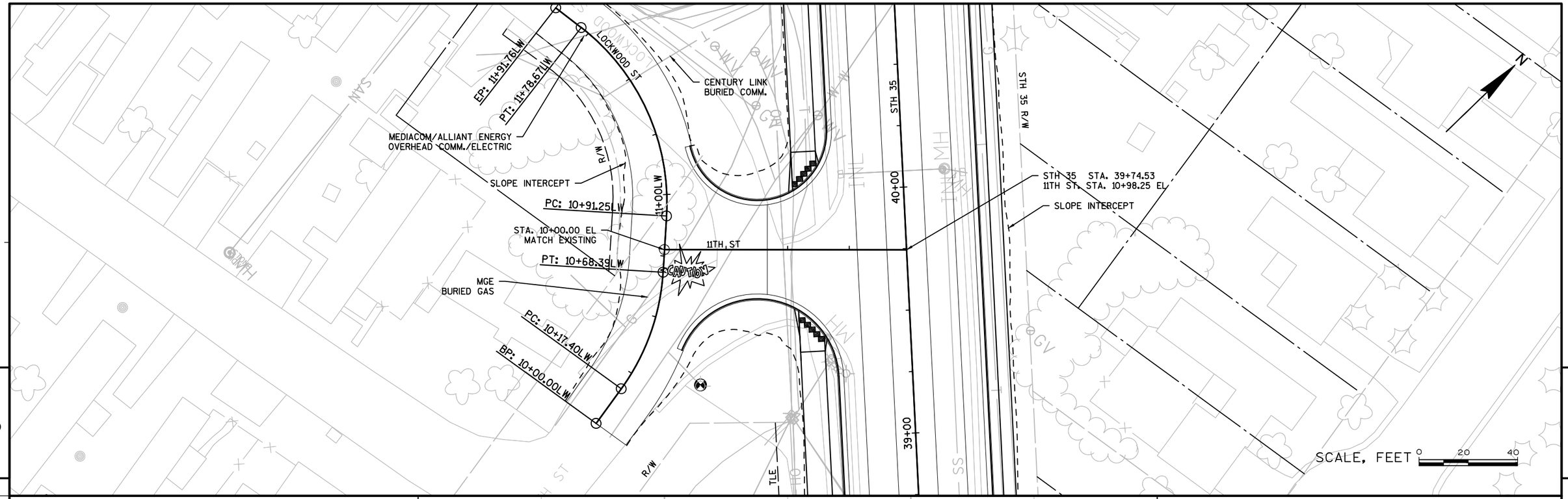


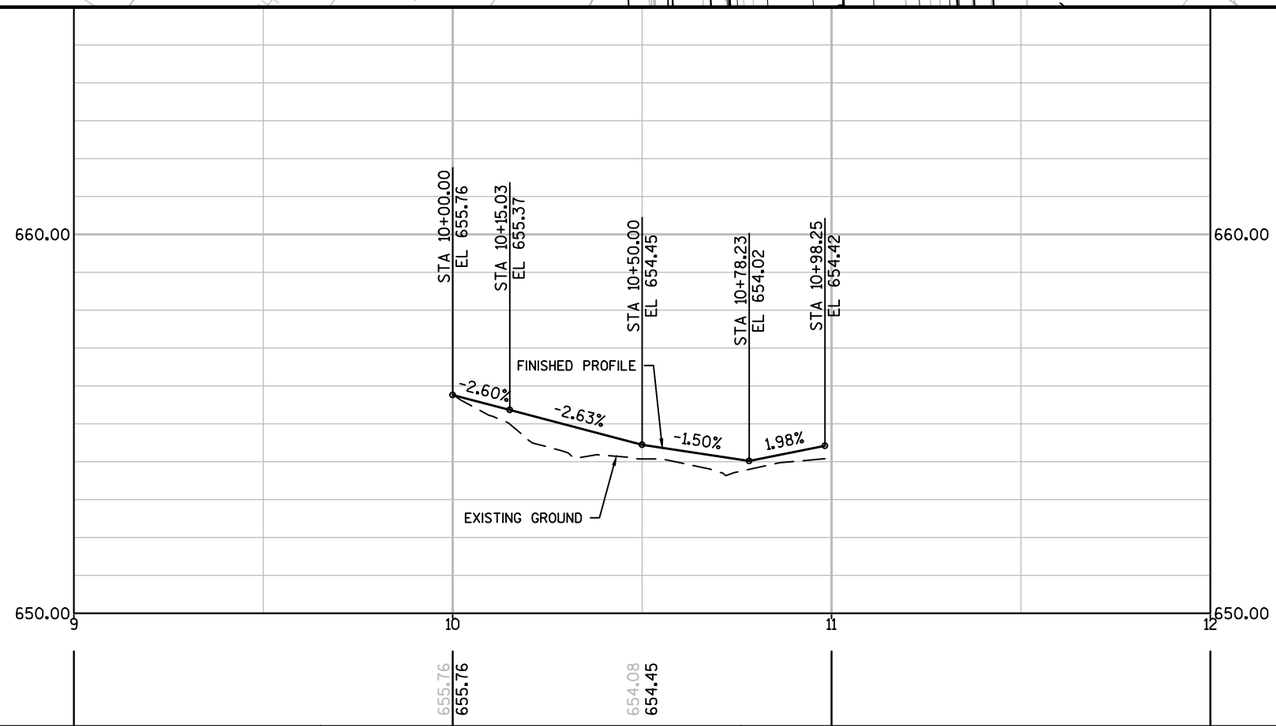
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: PRAIRIE STREET	SHEET 252	E





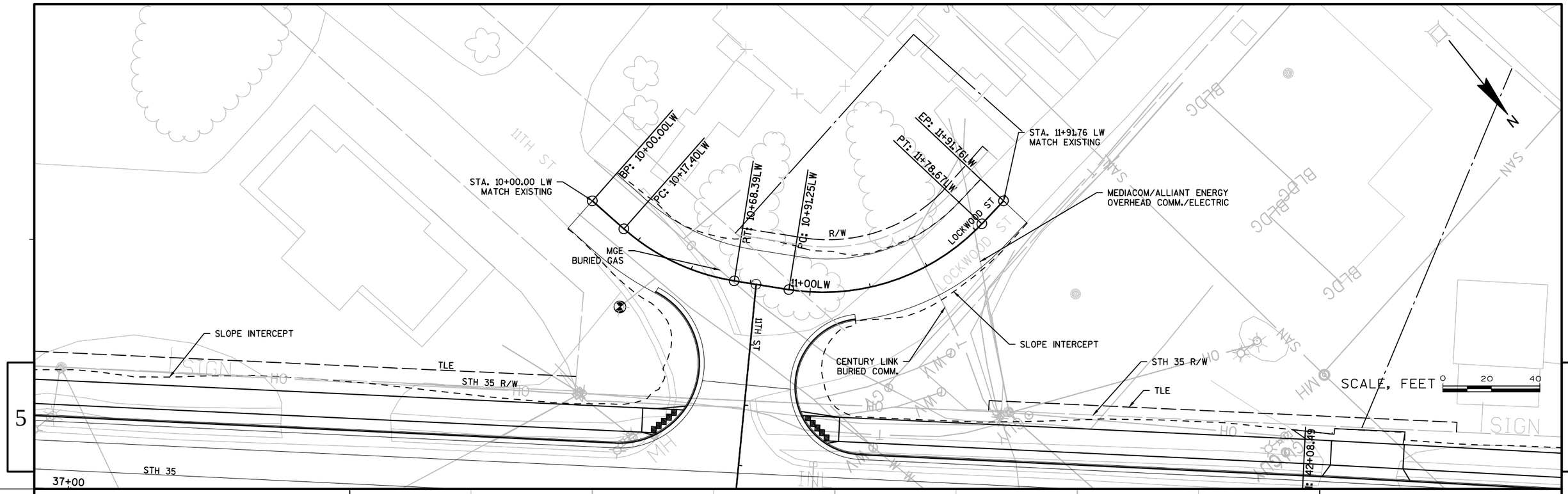
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: MOTEL DRIVEWAY	SHEET 253	E

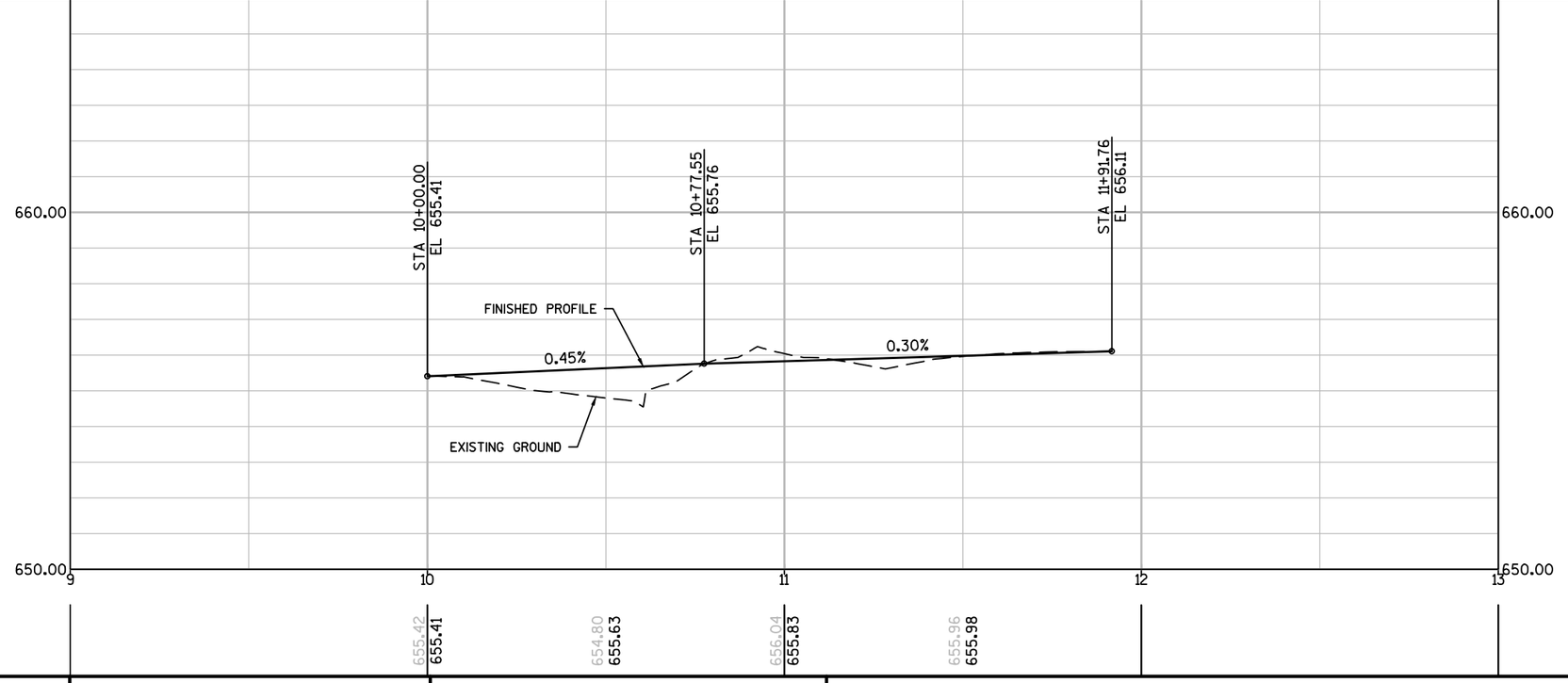




PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: 11TH STREET	SHEET 254	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG PLOT DATE : 11/8/2017 4:37 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF





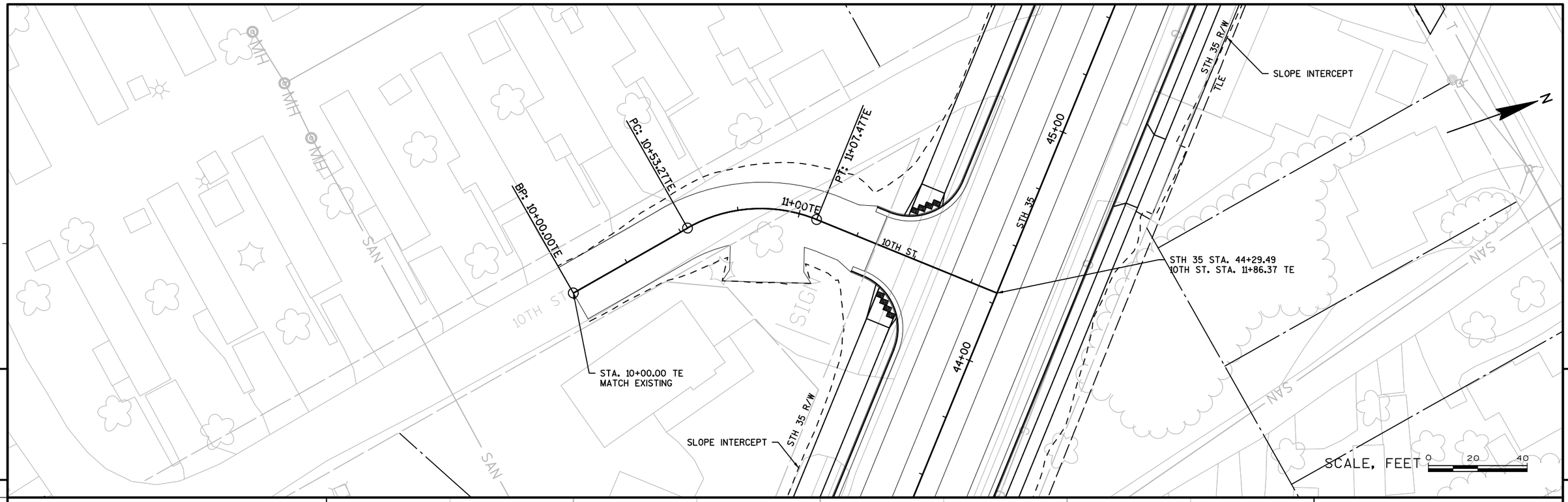
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: LOCKWOOD STREET	SHEET 255	E

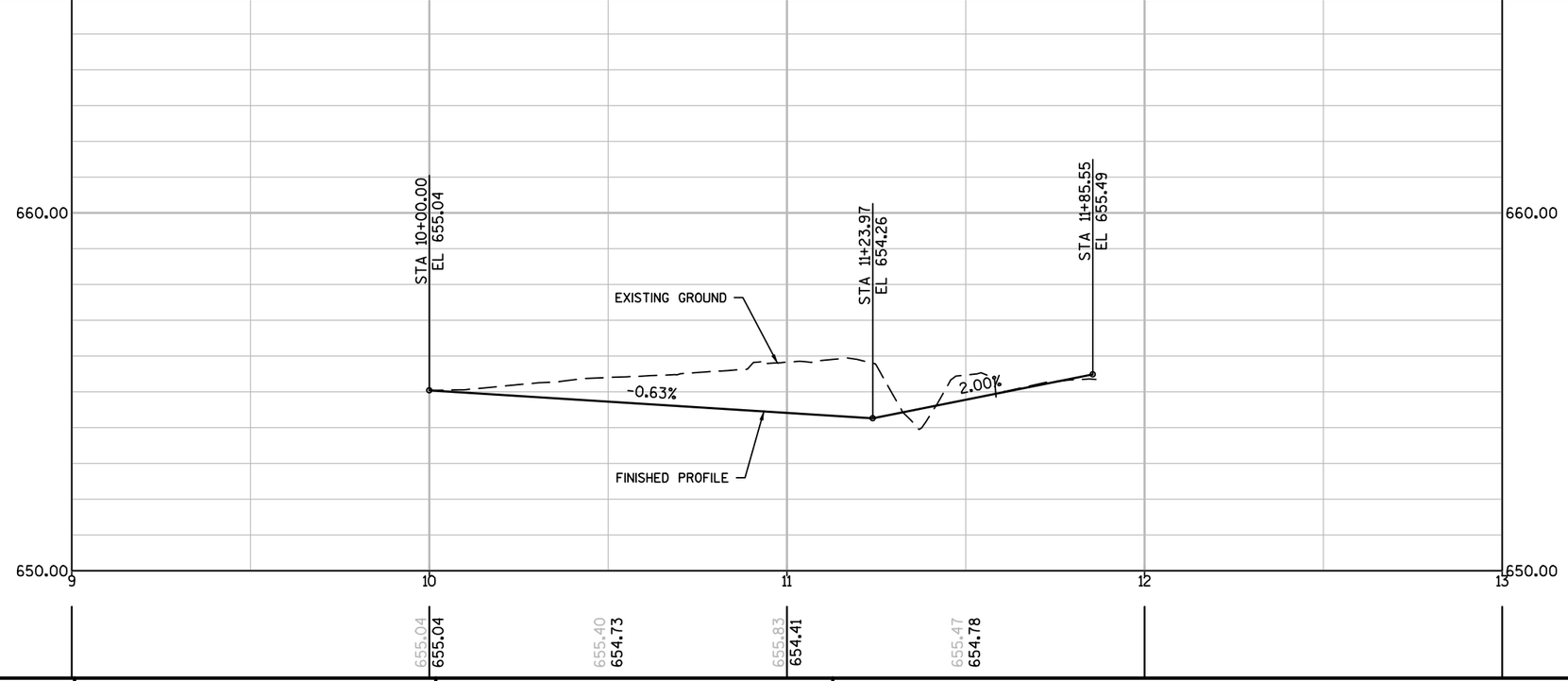
78.67LW
SLOPE INTERCEPT
LOCKWOOD ST
TLE
STH 35 R/W
STH 35
42+00
41+00
40+00
STH 35 R/W
TLE
SLOPE INTERCEPT
BP: 10+00.00EC
R35'
R35'
STH 35 R/W
EP: 11+30.35EC
11TH ST
11+00EC
STA. 10+00.00 EC
STA. 11+13.65 EC
MATCH EXISTING
R35'
STH 35 R/W
TLE
CITY OF PRAIRIE DU CHIEN
BURIED WATER
CENTURYLINK
BURIED COMM.
N
SCALE, FEET 0 20 40

VPC STA 10+00.60
VPC EL 654.91
VPI STA 10+12.10
VPI EL 655.021
VPT STA 10+23.59
VPT EL 655.07
STA 10+00.00
EL 654.90
STA 11+30.35
EL 655.49
FINISHED PROFILE
1.00%
0.39%
EXISTING GROUND
VCL = 22.98
K = 37.90
660.00
650.00
9
10
11
12
654.93
654.90
655.13
655.17
655.36
655.37

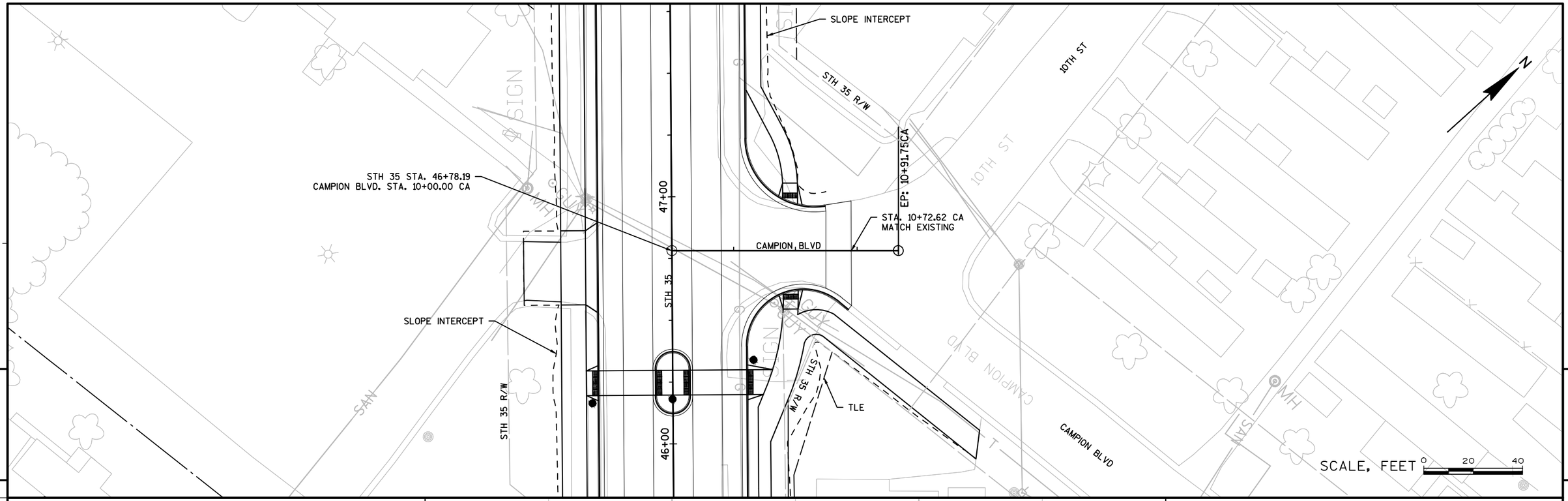
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: 11TH STREET -- CUL DE SAC	SHEET 256	E

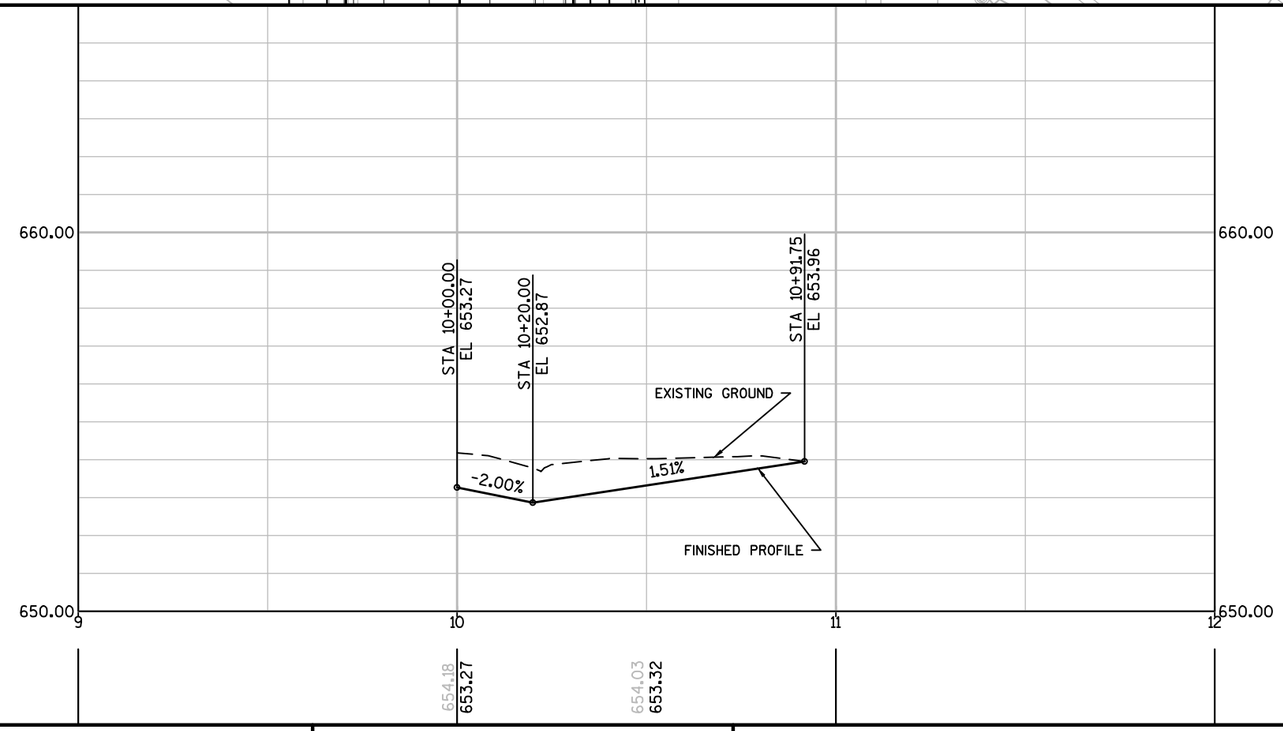
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG PLOT DATE : 11/8/2017 4:38 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF



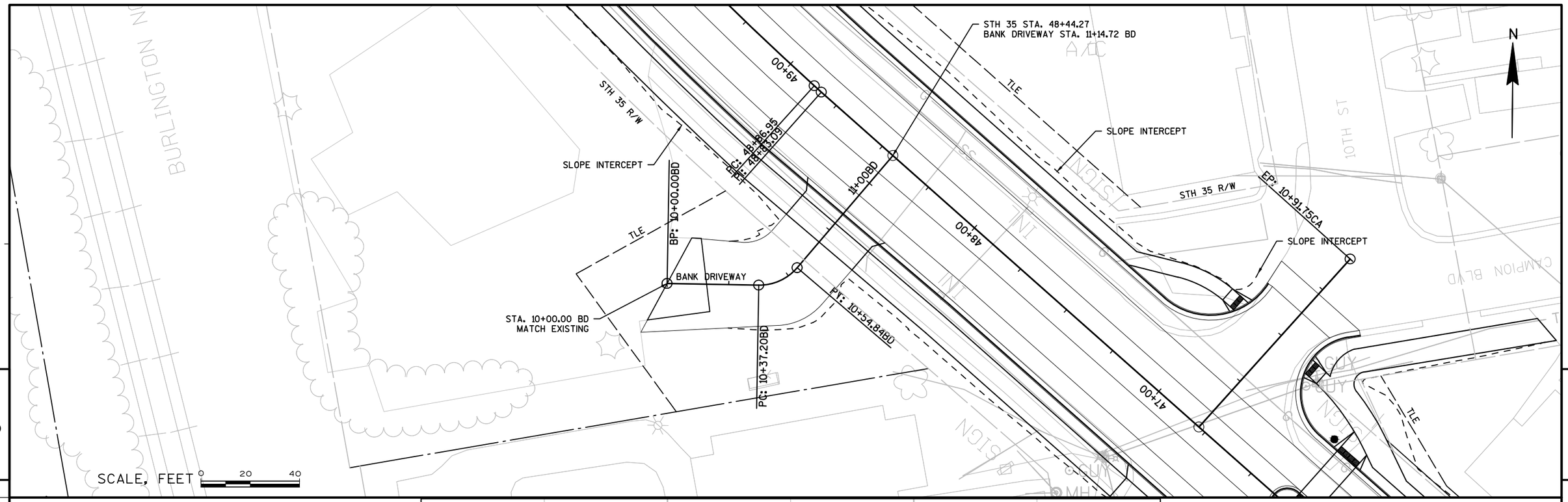


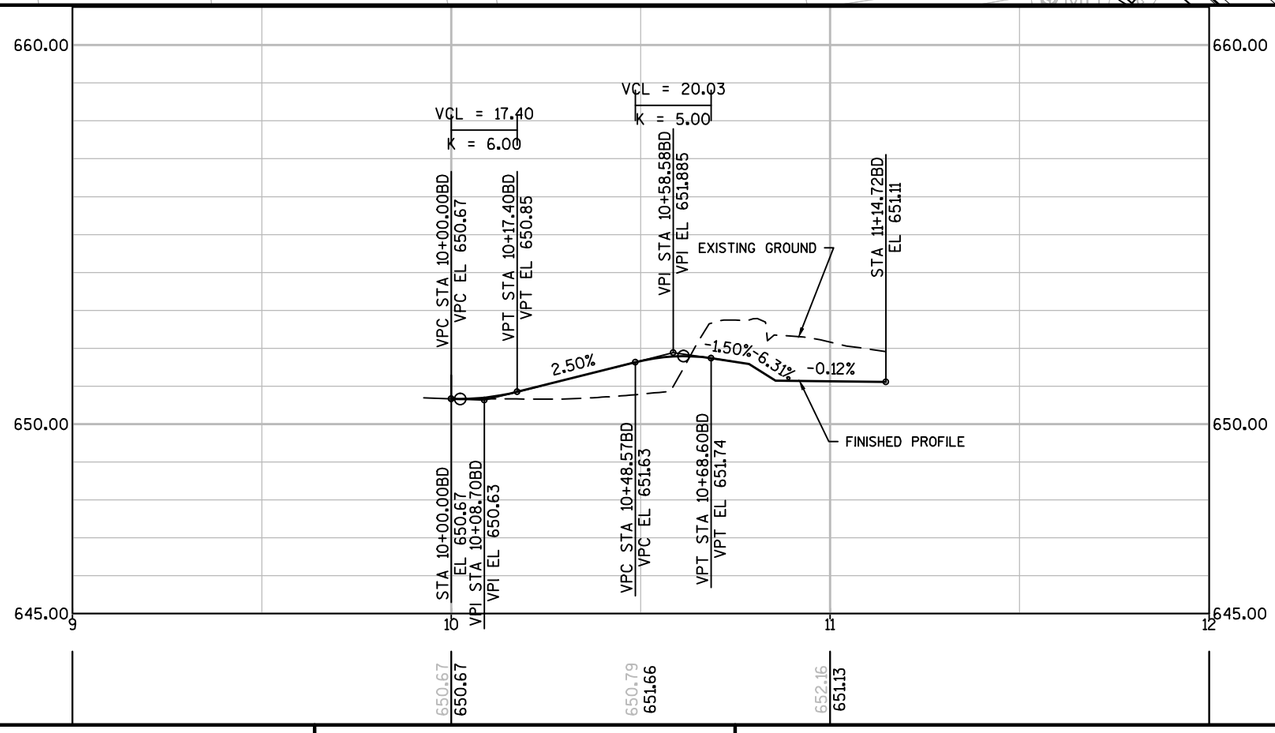
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: 10TH STREET	SHEET 257	E





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: CAMPION BLVD	SHEET 258	E





PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: BANK DRIVEWAY	SHEET 259	E

CITY OF PRAIRIE DU CHIEN
BURIED WATER

CITY OF PRAIRIE DU CHIEN
BURIED STORM SEWER

ALLIANT ENERGY
OVERHEAD ELECTRIC

EXISTING DRIVEWAY
TO REMAIN

PAVED SHOULDER

FENCE (SEE CSD PLAN)

SLOPE INTERCEPT

MATCH EXISTING

STH 35 R/W

BP: 9+32.35PA

PI: 10+00.00PA

24'

STA. 11+21.96 PA
MATCH EXISTING

10+00PA

11+00PA

12+00PA

13+00PA

EP: 13+74.00PA

STA. 11+45.04 PA
MATCH EXISTING

STA. 13+58.14 PA
MATCH EXISTING

STA. 9+39.99 PA
MATCH EXISTING

SLOPE INTERCEPT

BM 4

CONCRETE DRIVEWAY
6-INCH STA. 10+38PA RT.
28' WIDE

SLOPE INTERCEPT

SLOPE INTERCEPT

MGE
BURIED GAS

CAUTION

53+00

54+00

ILE STH 35 R/W

R/W

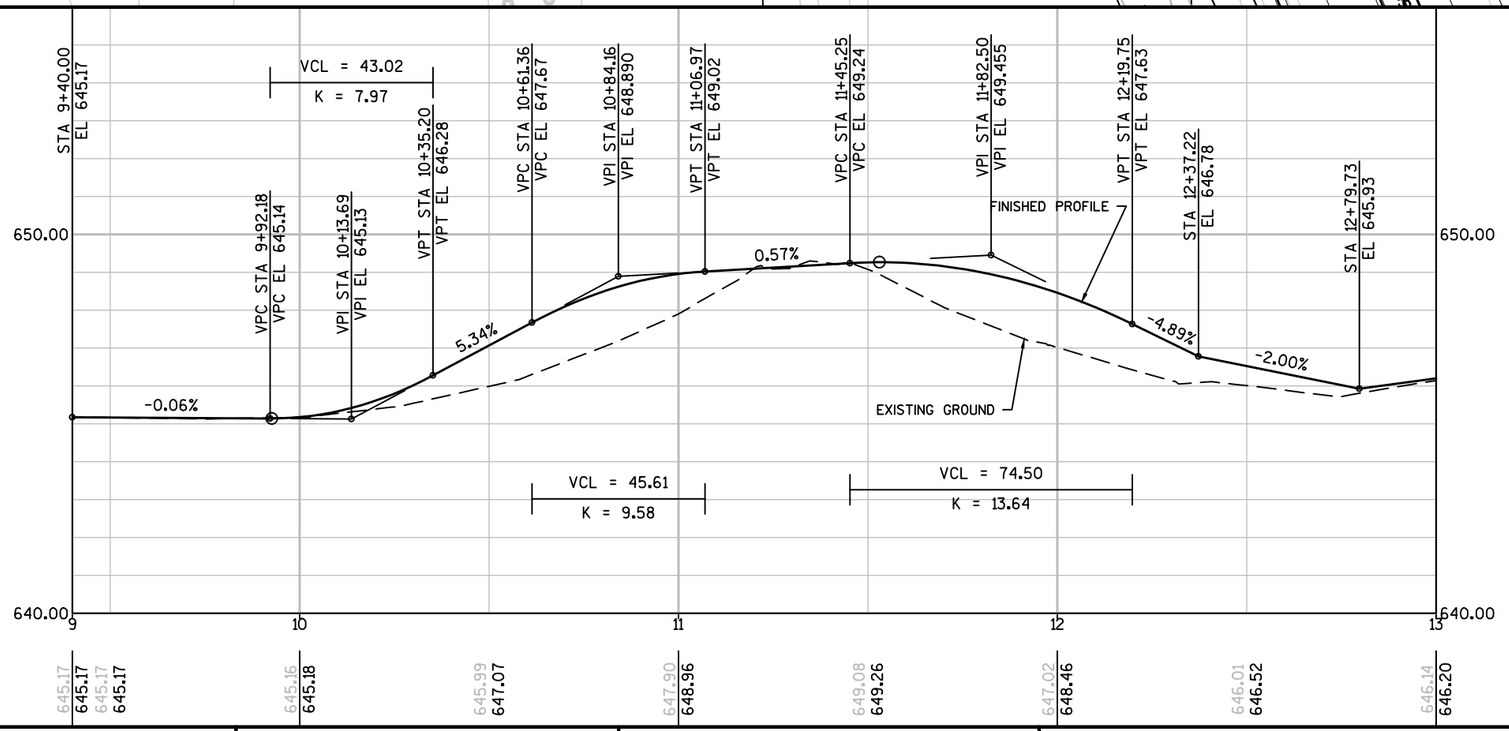
9TH ST

PARRISH ST

N

SCALE, FEET 0 20 40

BENCHMARKS			
NUMBER	LOCATION	DESCRIPTION	ELEVATION (FT)
BM4	STA. 10+70PA, 21.7' RT	UTILITY POWER POLE WITH MAST	648.530

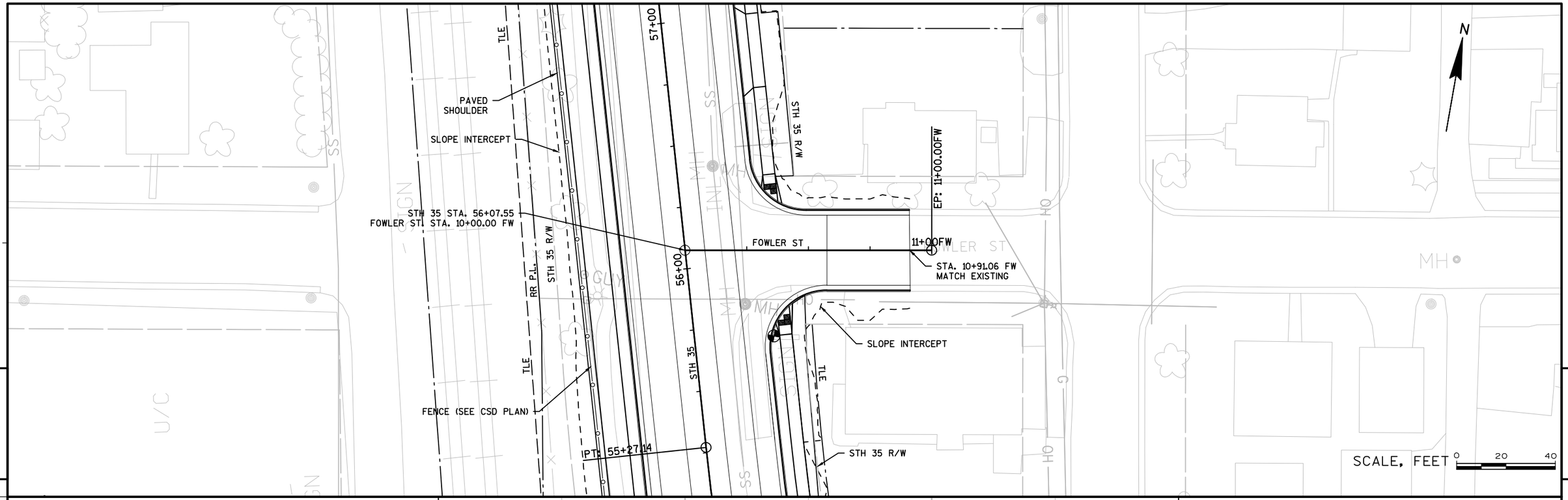


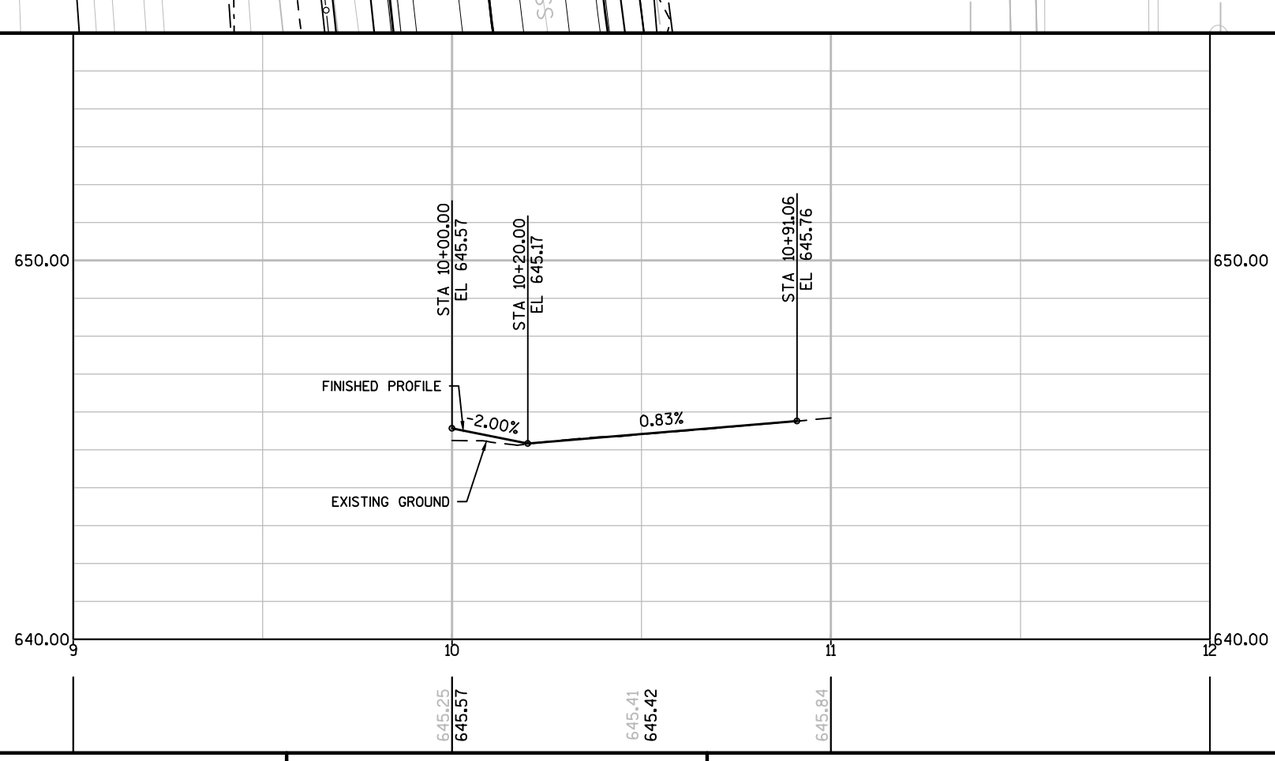
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: PARRISH ST	SHEET 260	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PARRISH ST

PLOT DATE : 11/8/2017 4:39 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

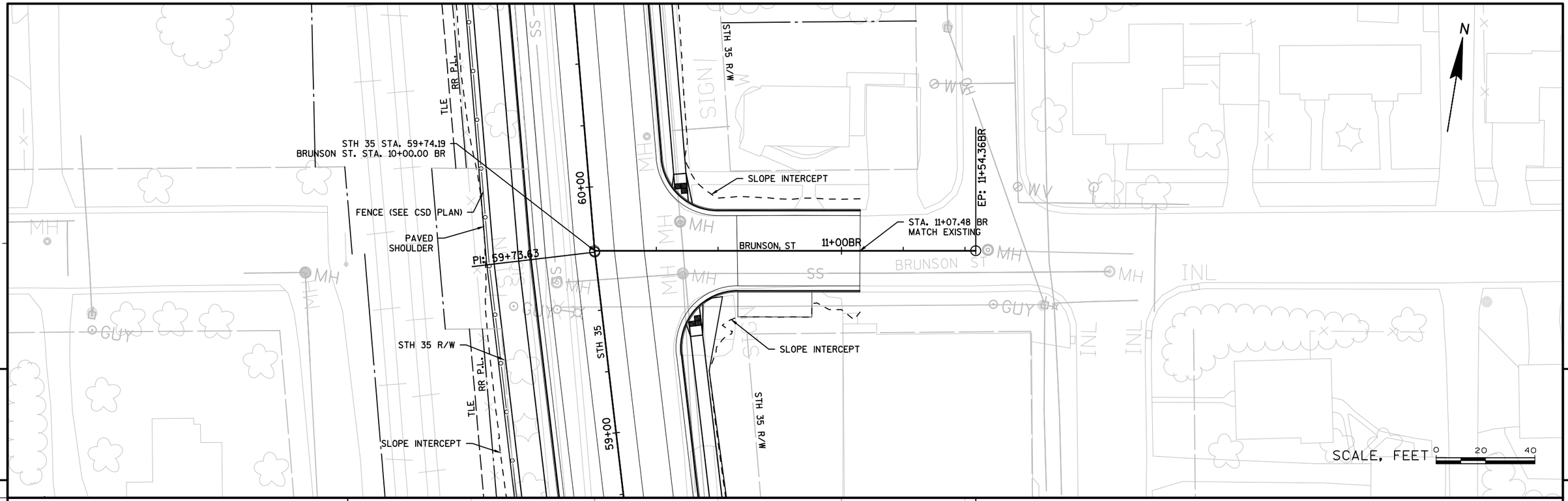
WISDOT/CADDS SHEET 44

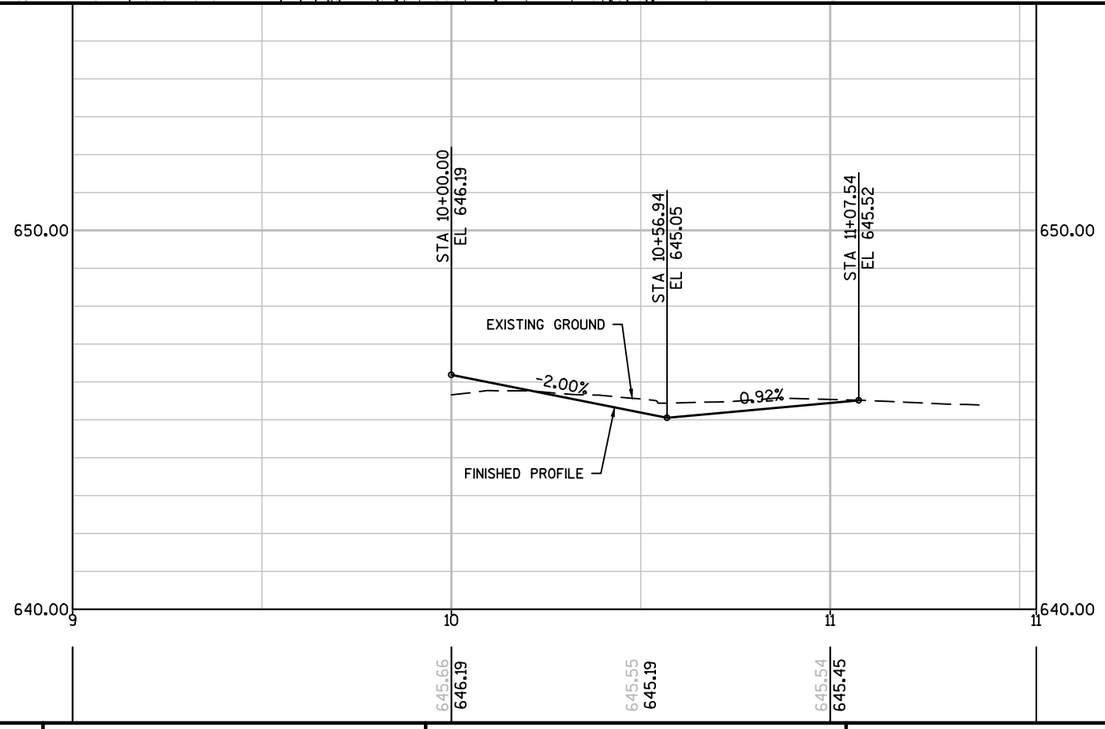




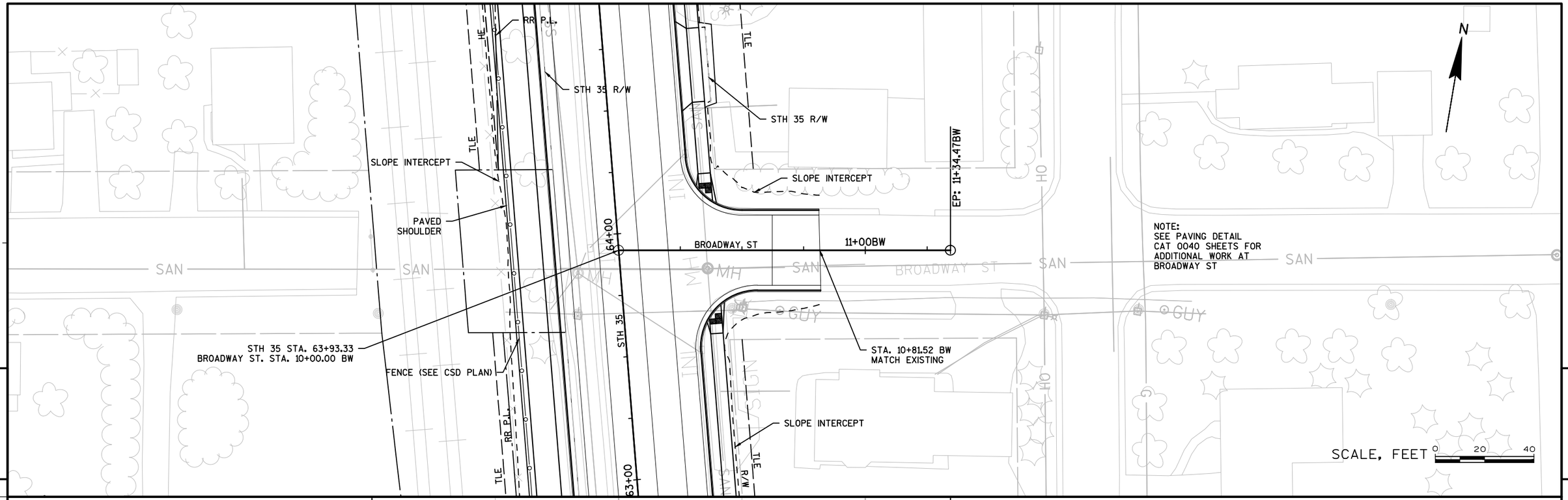
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: FOWLER STREET	SHEET 261	E

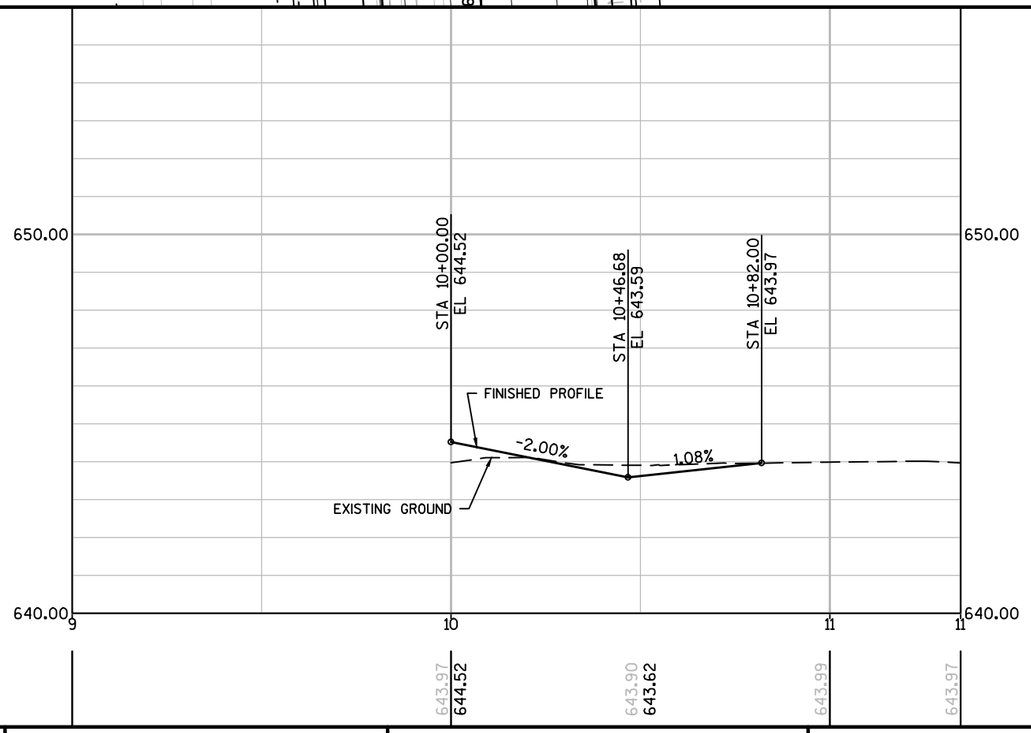
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG PLOT DATE : 11/8/2017 4:40 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF



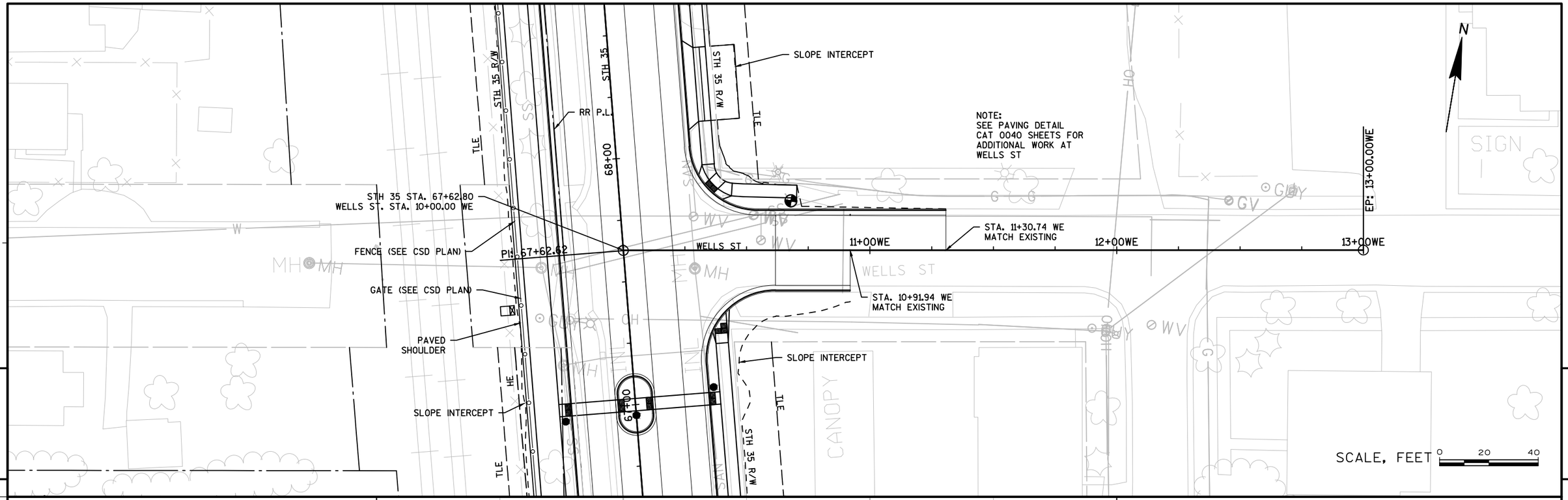


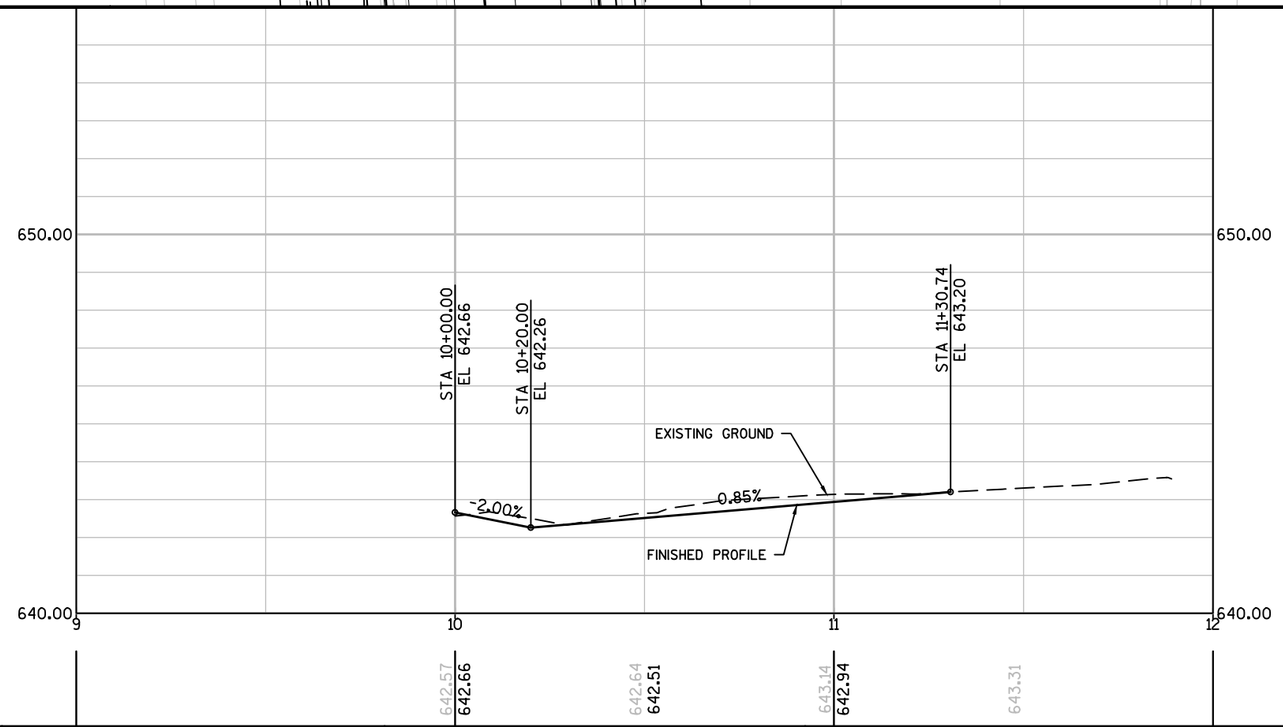
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: BRUNSON STREET	SHEET 262	E



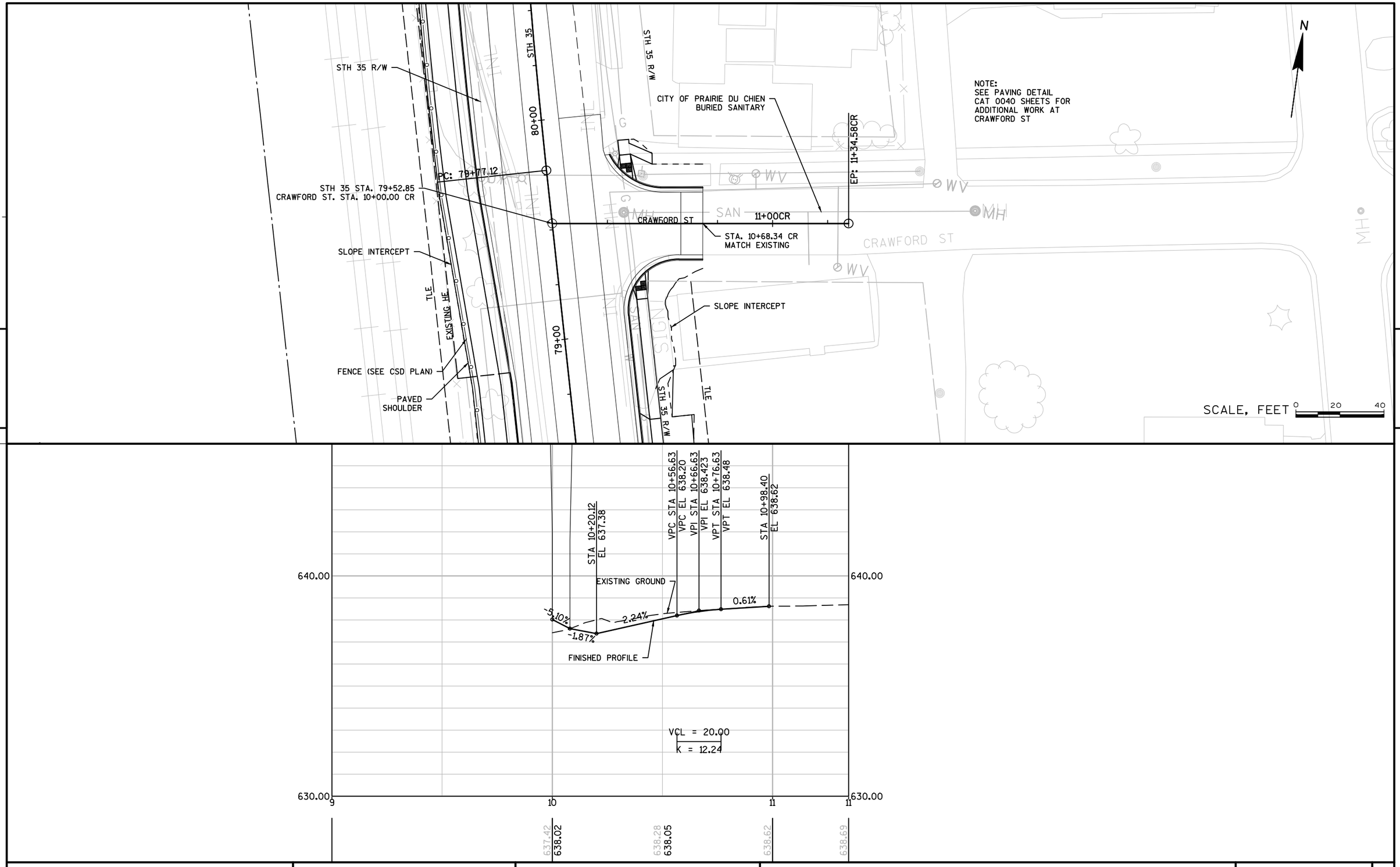


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: BROADWAY STREET	SHEET 263	E

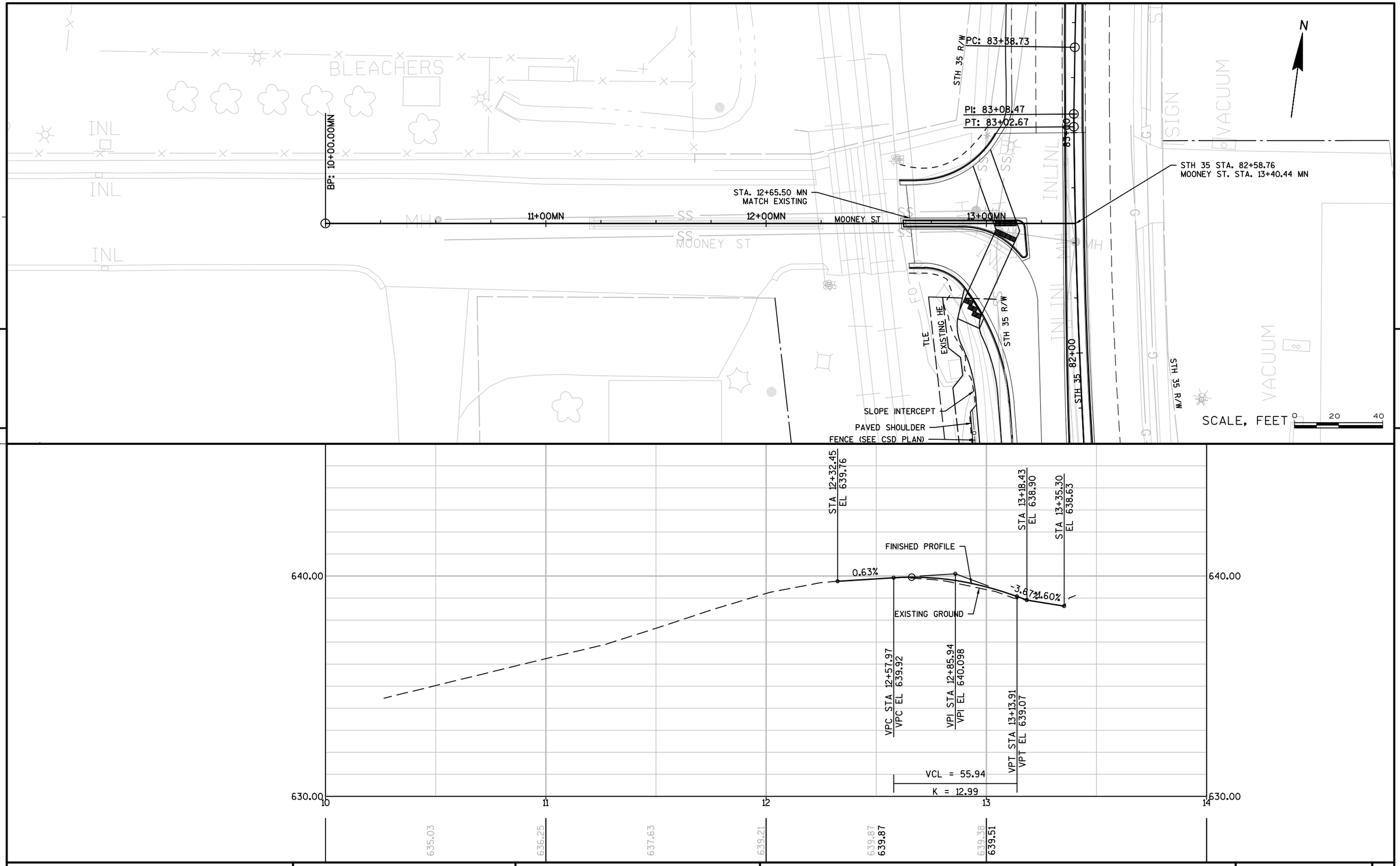




PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: WELLS STREET	SHEET 264	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: CRAWFORD STREET	SHEET 265	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PLAN AND PROFILE: MOONEY STREET	SHEET 266	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\050101_PP.DWG PLOT DATE : 11/8/2017 4:42 PM PLOT BY : KAKACEK, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

Standard Detail Drawing List

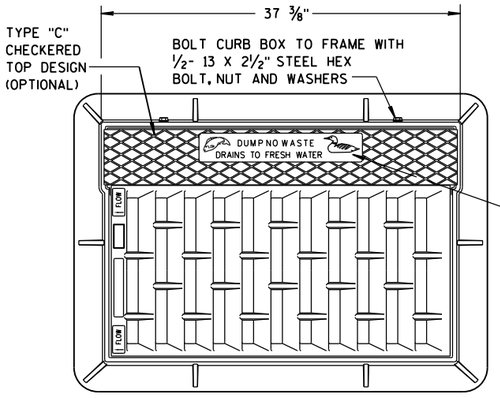
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-02	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-19	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-18A	CURB RAMPS TYPES 1 AND 1-A
08D05-18B	CURB RAMPS TYPES 2 AND 3
08D05-18C	CURB RAMPS TYPES 4A AND 4A1
08D05-18D	CURB RAMPS TYPE 4B AND 4B1
08D05-18E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D19-01	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
09B02-10	CONDUIT
09B04-11	PULL BOX
09B16-01	PULL BOX NON-CONDUCTIVE
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-09	CONCRETE BASE TYPE 10
09C12-08A	CONCRETE BASE TYPE 13
09C12-08B	CONCRETE BASE TYPE 13
09C13-02	CONCRETE BASE TYPE 10 & TYPE 13 EXTENSION
09C14-02	CONCRETE CONTROL CABINET BASE, TYPE L
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09D04-02	LIGHTING CONTROL CABINET 120/240 VOLT
09E01-14B	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 3 (HEAVY DUTY)
09E01-14C	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
09E01-14E	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 6 (35 FEET)
09E01-14G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-05	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E05-06	TRAFFIC SIGNAL STANDARD ORNAMENTAL BRACKET MOUNTINGS TYPICAL FOR 13 FT. OR 15 FT.
09E06-05	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E08-08A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-08C	TYPE 12 POLE 35'-55' MONOTUBE ARM
09E08-08D	TYPE 13 POLE 35'-55' MONOTBE ARM
09E08-08E	GENERAL NOTES AND HARDWARE DETAILS FOR TYPE 9, 10, 12 & 13 POLES WITH MONOTUBE ARMS
09F15-04B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
11B01-05	CONCRETE CORRUGATED MEDIAN
11B02-02	CONCRETE MEDIAN NOSE
13B01-10	PAVEMENT DETAILS FOR RAILROAD APPROACH
13C01-18	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C04-16	URBAN NON-DOWELED CONCRETE PAVEMENT
13C13-08	URBAN DOWELED CONCRETE PAVEMENT
13C18-05A	CONCRETE PAVEMENT JOINTING
13C18-05B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-05C	CONCRETE PAVEMENT JOINT TYPES
13C18-05D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
15B03-15A	FENCE CHAIN LINK
15B03-15B	FENCE CHAIN LINK
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-13A	PAVEMENT MARKING SYMBOLS
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C09-10A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C18-03	MEDIAN ISLAND MARKING

6

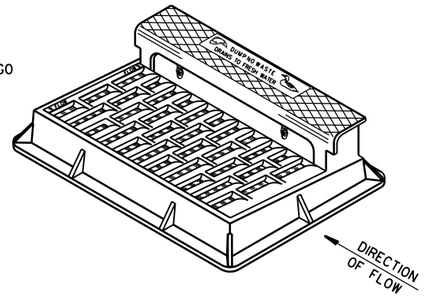
Standard Detail Drawing List

15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D12-06B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D21-04	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-01A	TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS
15D38-01B	ATTACHMENT OF SIGNS TO POSTS
15D39-01	TRAFFIC CONTROL, DROP-OFF SIGNING

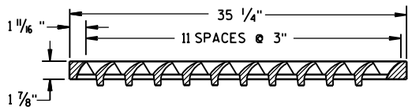
6

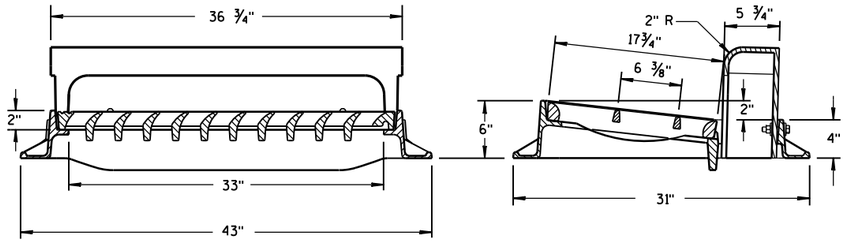


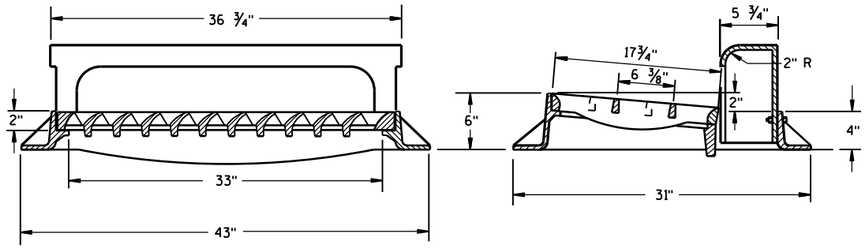
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

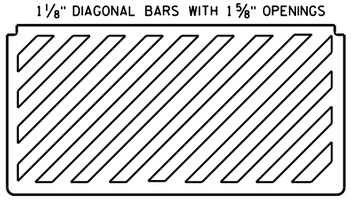






TYPE "H"

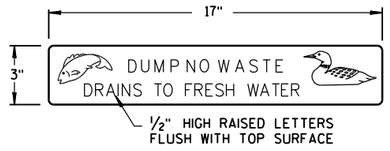
NOTE: EITHER CASTING IS ACCEPTABLE



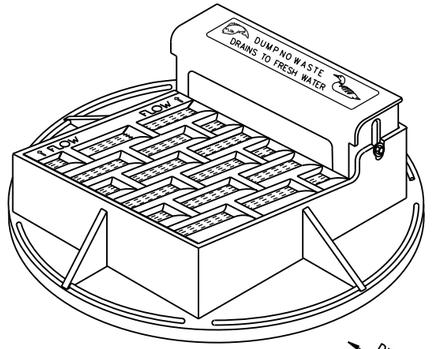
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

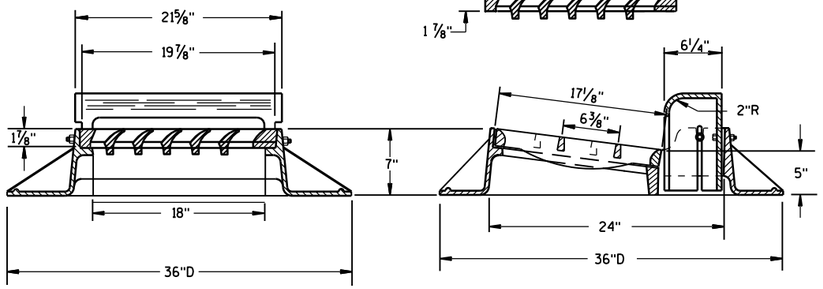


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



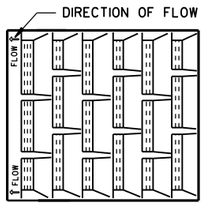
TYPE "A"

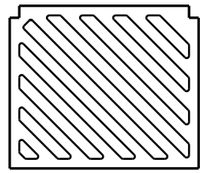
GENERAL NOTES

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.

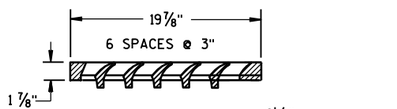


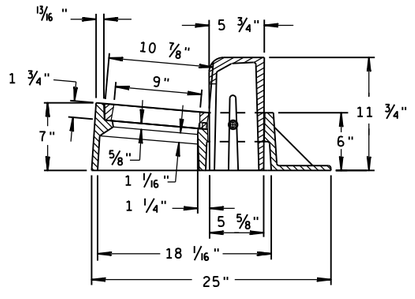


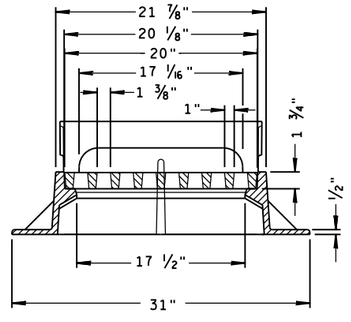
SPECIAL GRATE FOR TYPE "A" COVER

(MEASURES 19 3/4" X 17" X 1 7/8")

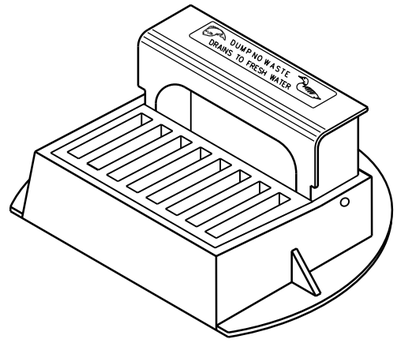
(NOTED AS TYPE A-S ON DRAINAGE TABLE)







TYPE "Z"



INLET COVERS
TYPE A, H, A-S, H-S & Z

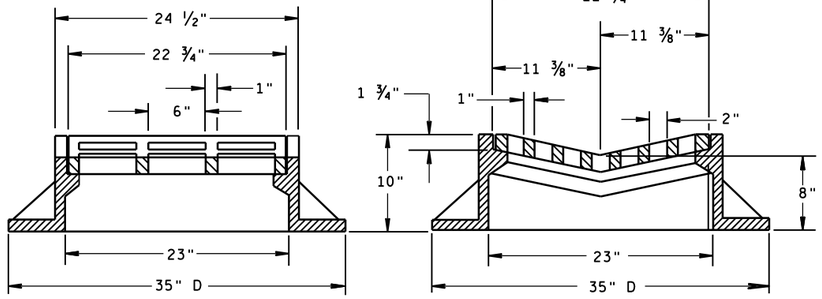
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

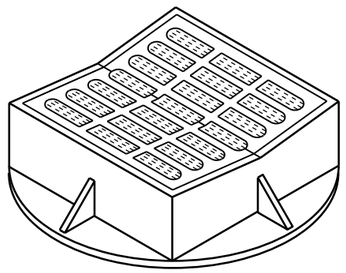
APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

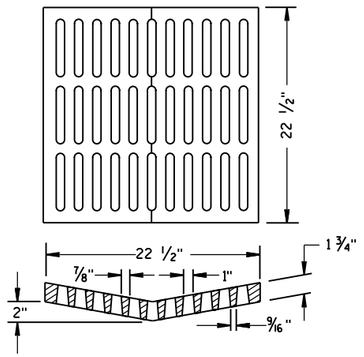
S.D.D. 8 A 5-19a

S.D.D. 8 A 5-19a



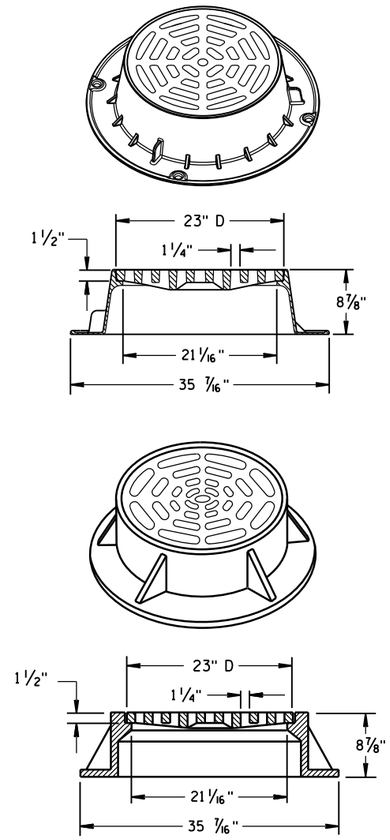


TYPE "B"



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"

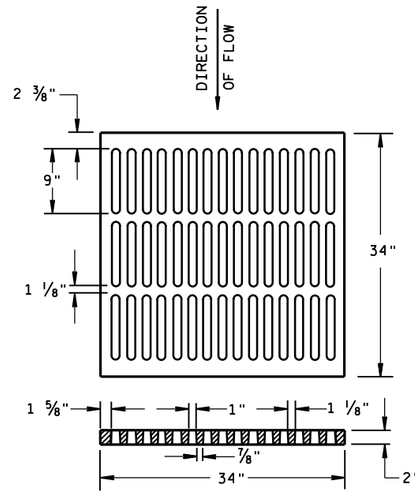
NOTE: EITHER CASTING IS ACCEPTABLE

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.

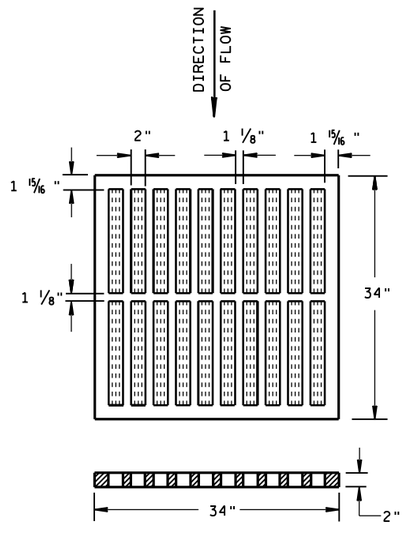
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



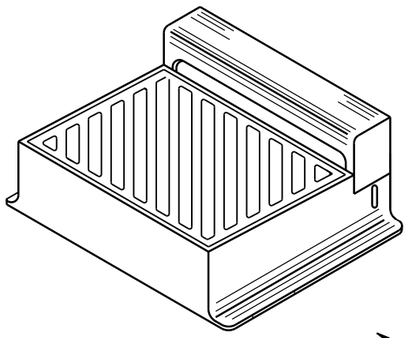
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

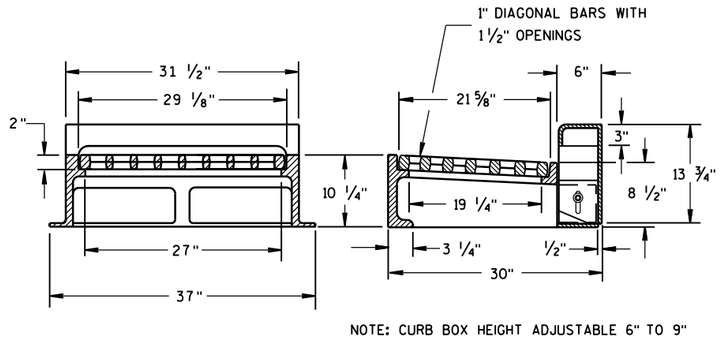


TYPE "MS"

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"

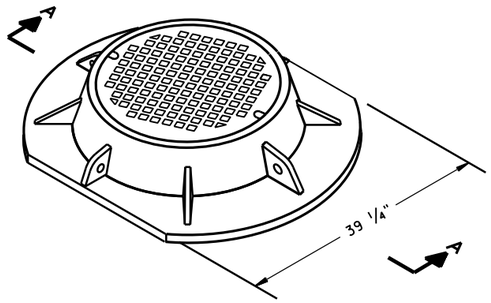
INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM

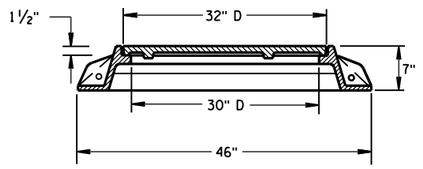
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

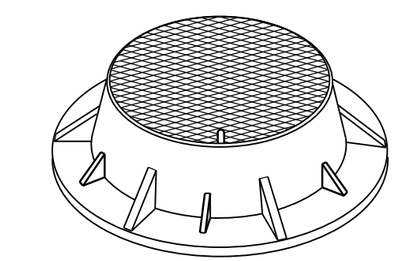
6

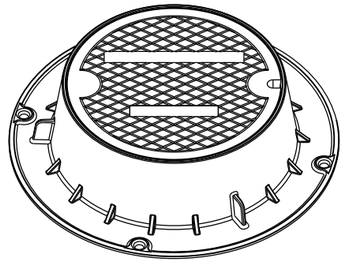
S.D.D. 8 A 5-19b

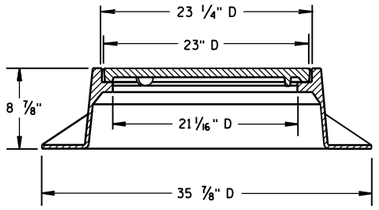


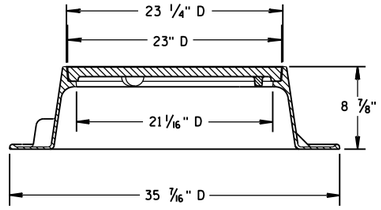


SECTION A-A
TYPE "K"









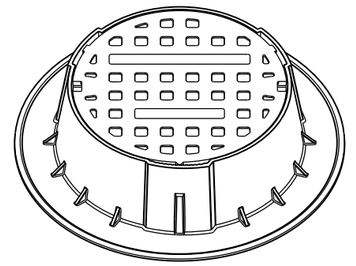
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

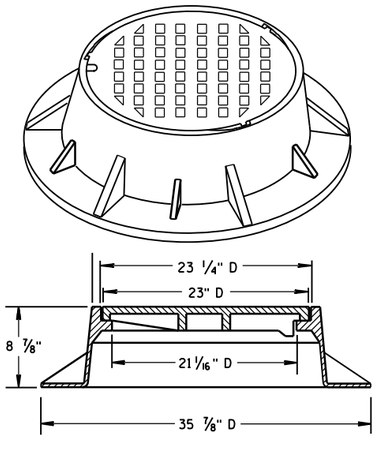
GENERAL NOTES

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.

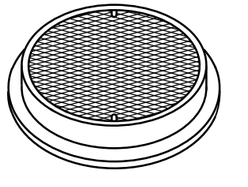
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

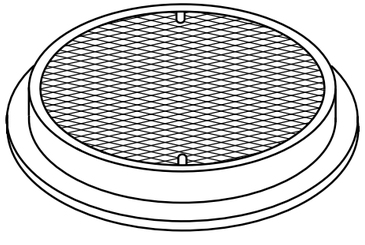
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

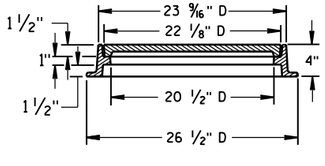




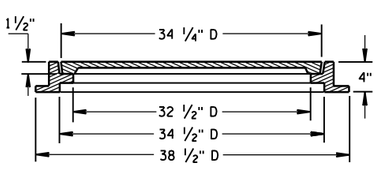
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



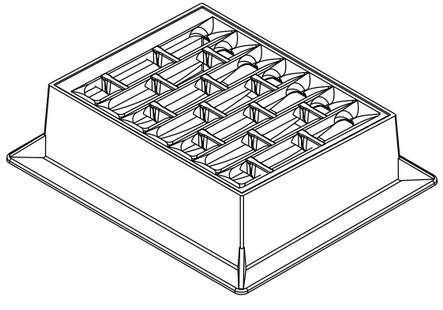


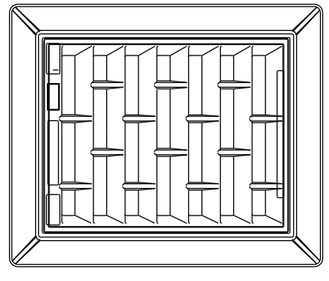


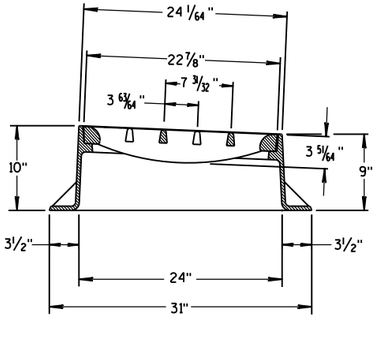
TYPE "L"

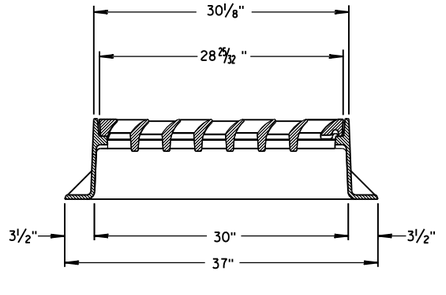


TYPE "M"









INLET COVER TYPE "BW"

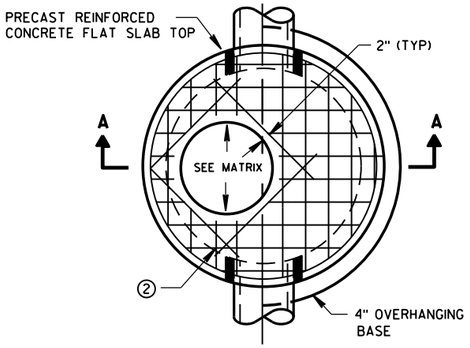
INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

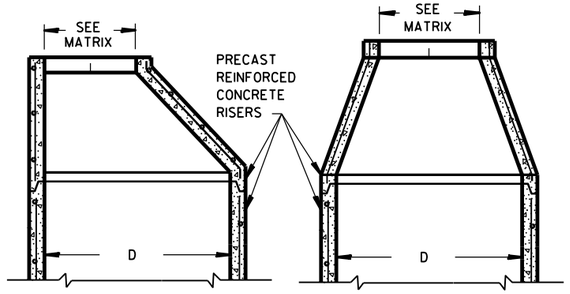
APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 A 5-19d

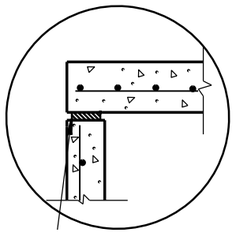


PLAN VIEW CIRCULAR OPENING

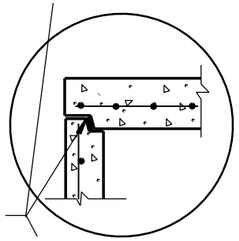


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

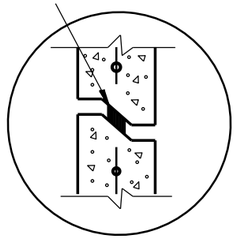


TOP WITH PLAIN END JOINT



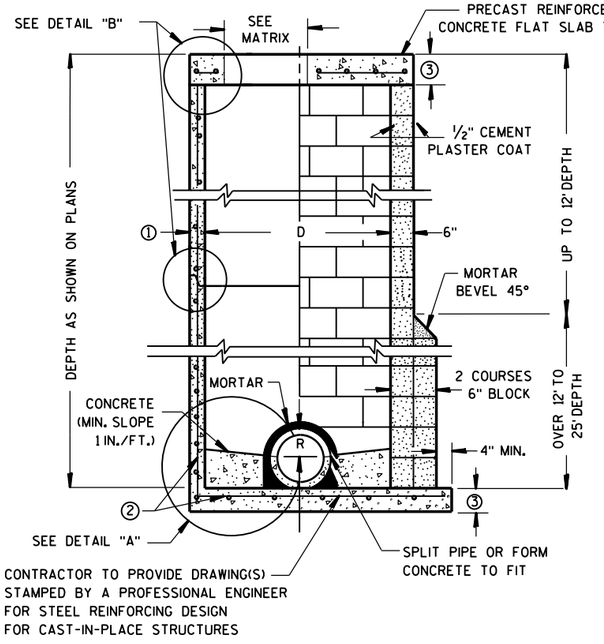
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



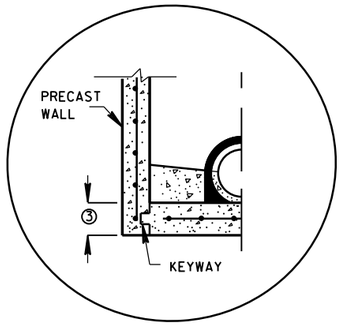
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

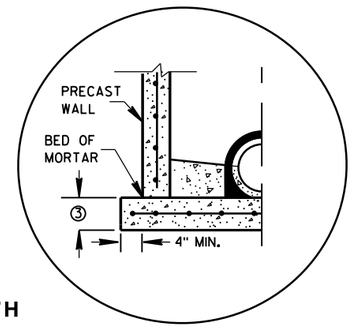


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

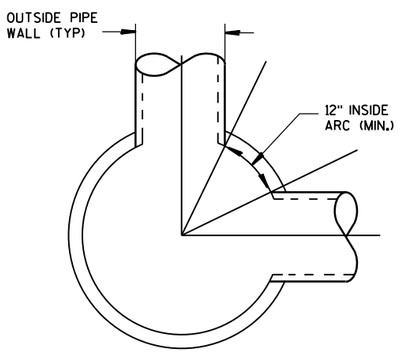


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



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 FOUNDATION 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.

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

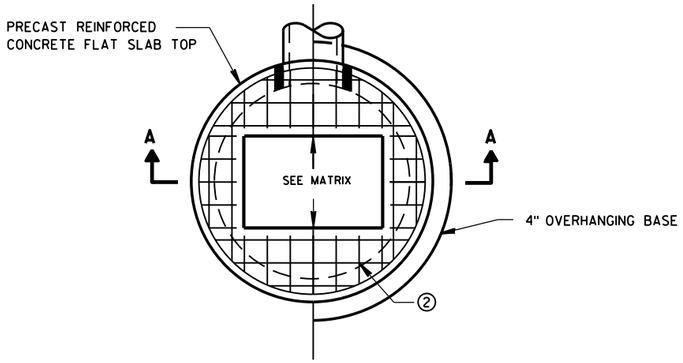
APPROVED

Sept., 2016
DATE

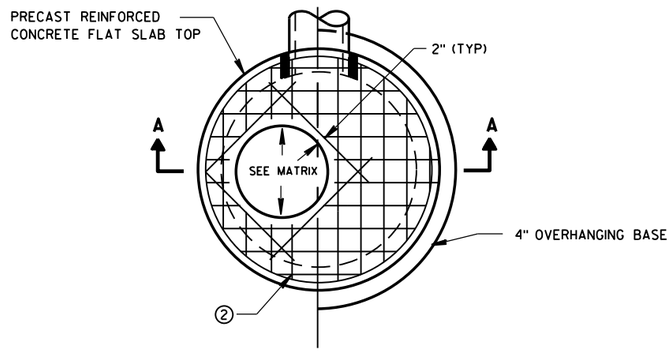
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERV

FHWA

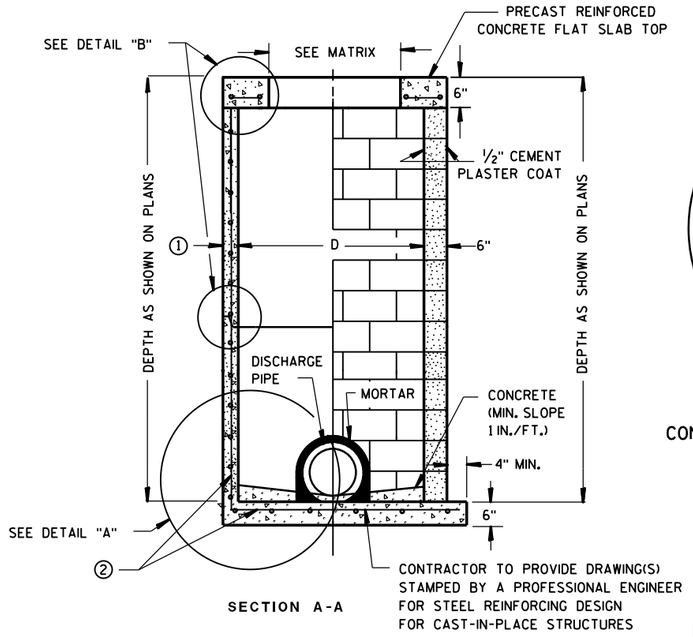
6
S.D.D. 8 B 9-2



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

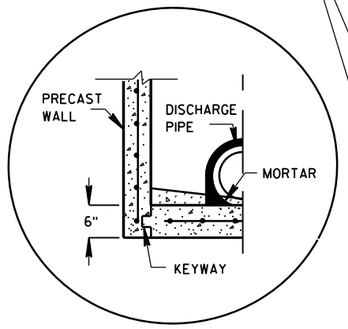


SECTION A-A

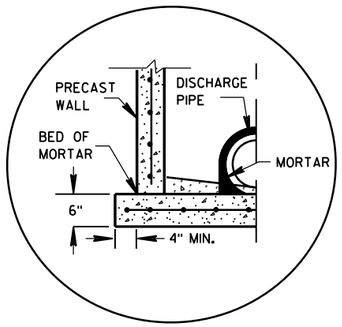
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

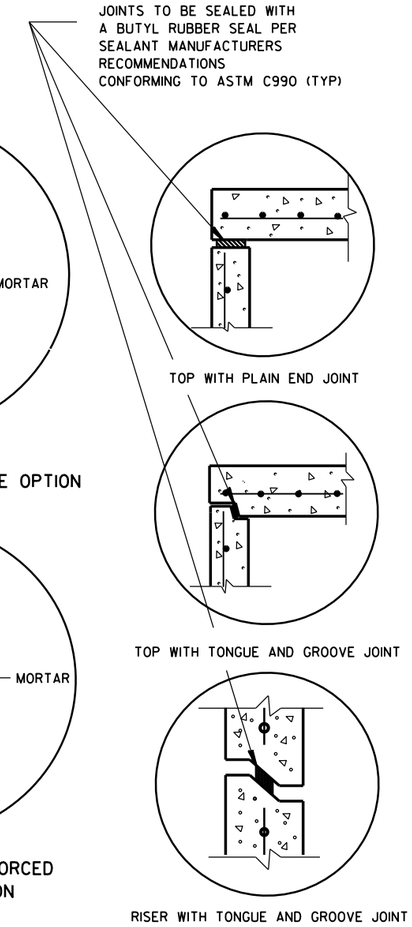


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



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.

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 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 FOUNDATION 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.

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.

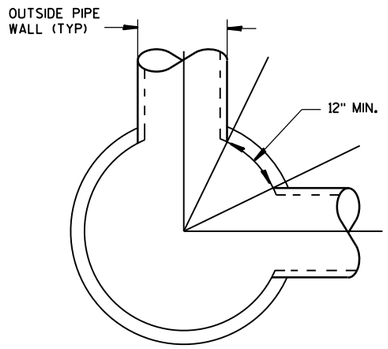
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

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

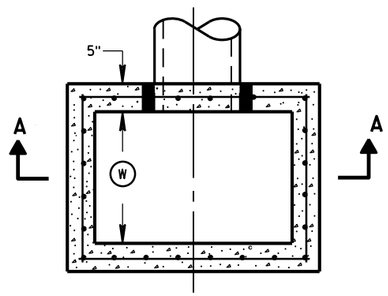
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept.. 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS | UNIT SUPERVI ENT
FHWA

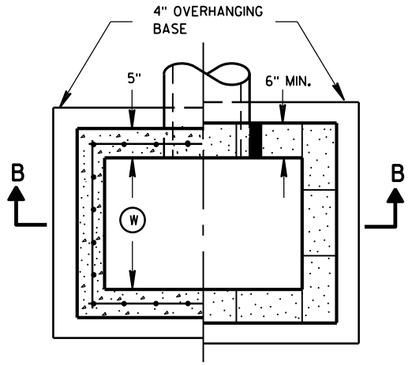
INLETS 3-FT AND 4-FT DIAMETER

6

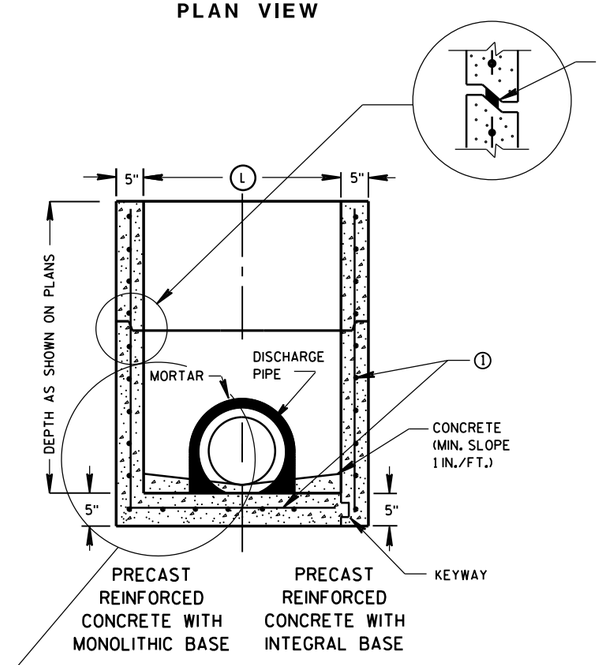
S.D.D. 8 C 6-2



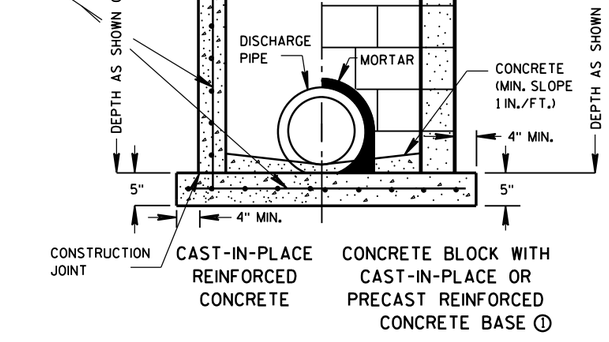
PLAN VIEW



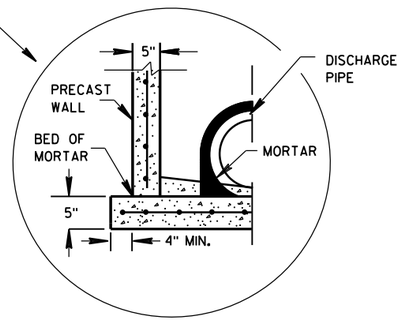
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

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 UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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 FOUNDATION 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.

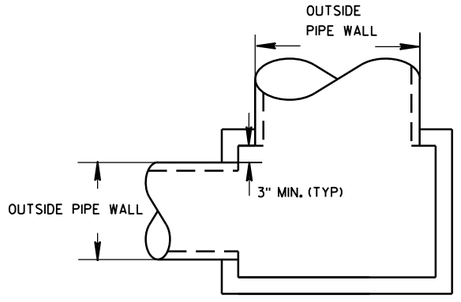
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

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
Sept., 2016
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT
UNIT SUPERVIS
FHWA

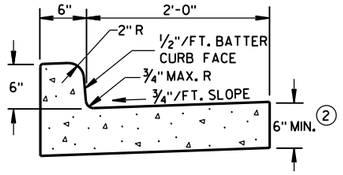
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

6

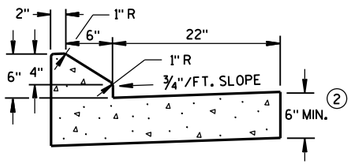
S.D.D. 8 C 7-2

6

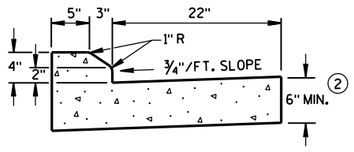
S.D.D. 8 C 7-2



TYPES A & D ①

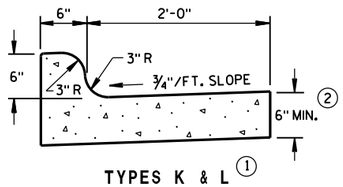


6" SLOPED CURB TYPES G & J ①

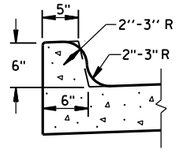


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

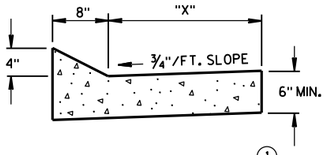


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

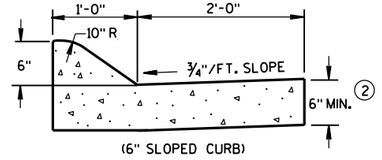
CONCRETE CURB & GUTTER 30"



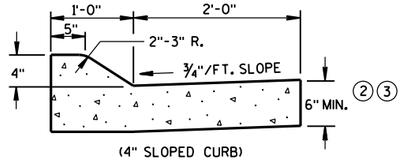
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

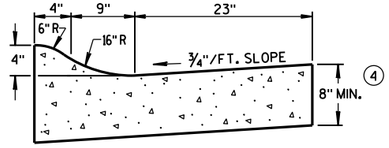


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ①⑤

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.

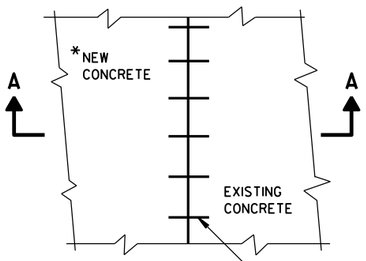
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

④ 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.

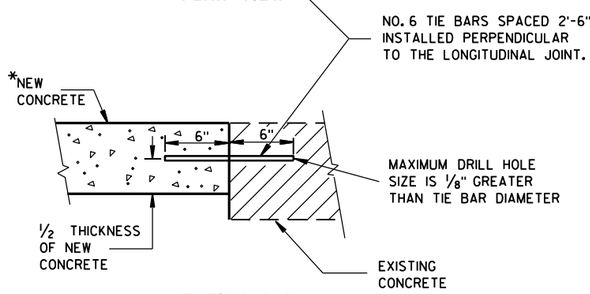
⑤ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



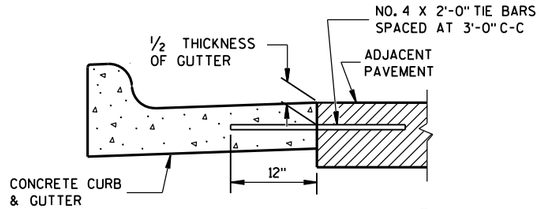
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

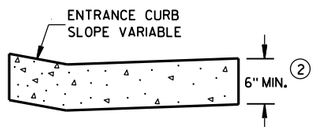


SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT

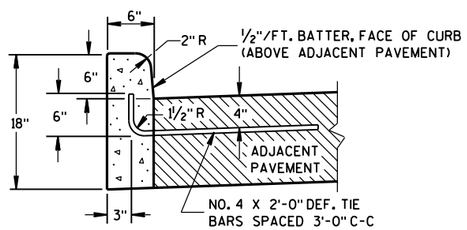


TYPICAL TIE BAR LOCATION ①

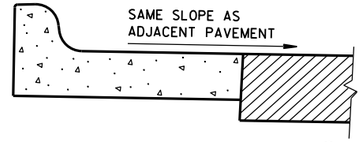


DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)

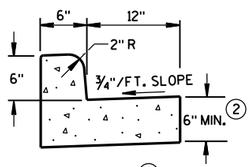


① TYPES A & D



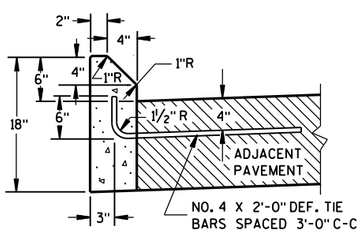
⑥ REVERSE SLOPE GUTTER

(TYPICAL FOR ALL CURB & GUTTER TYPES)



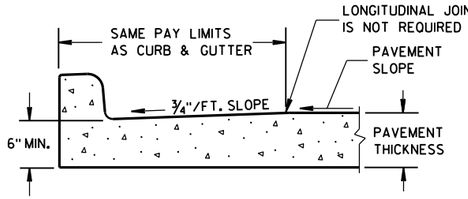
① TYPES A & D

CONCRETE CURB & GUTTER 18"

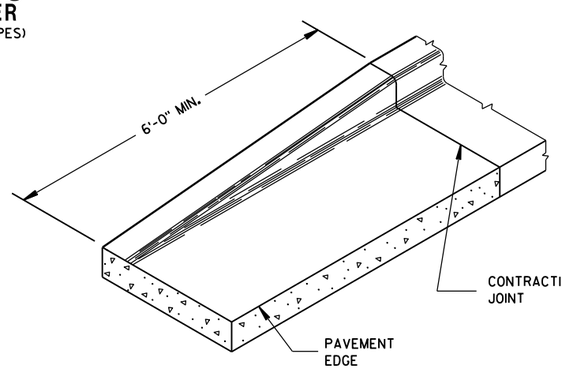


① TYPES G & J

CONCRETE CURB



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

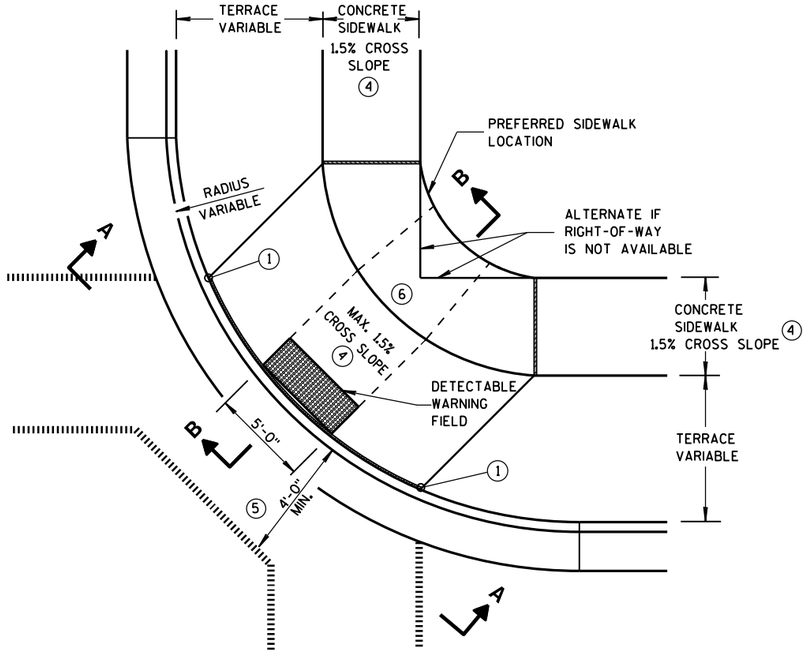
CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2016 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

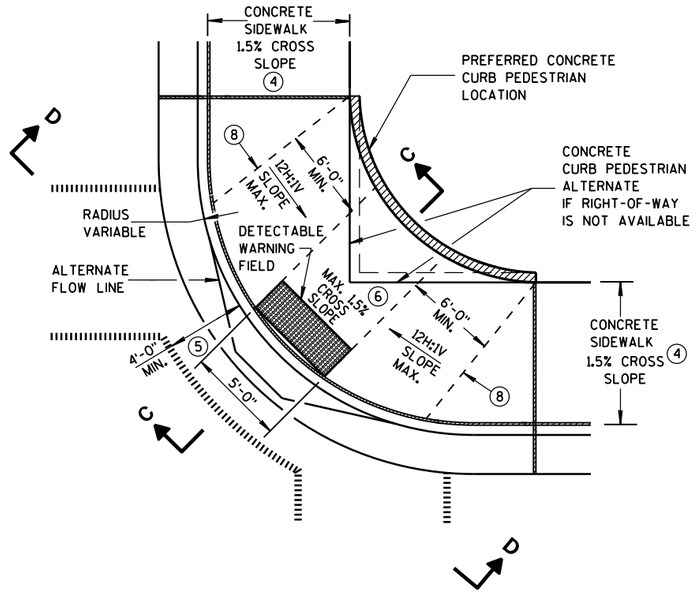
S.D.D. 8 D 1-19



PLAN VIEW

TYPE 1 RAMP

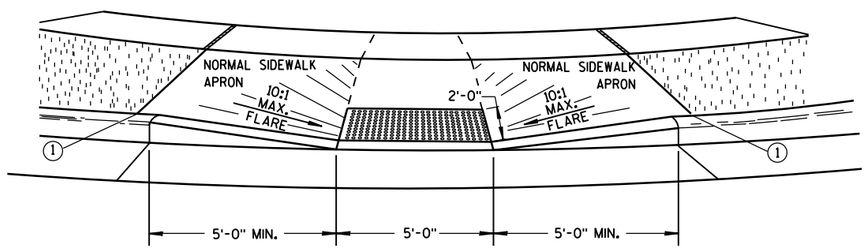
(CENTER OF CORNER RADIUS)



PLAN VIEW

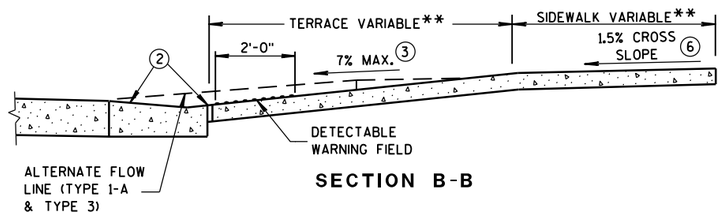
TYPE 1-A RAMP

(NO TERRACE)

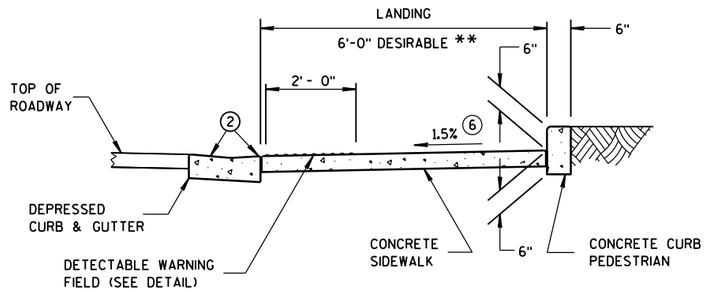


VIEW A-A

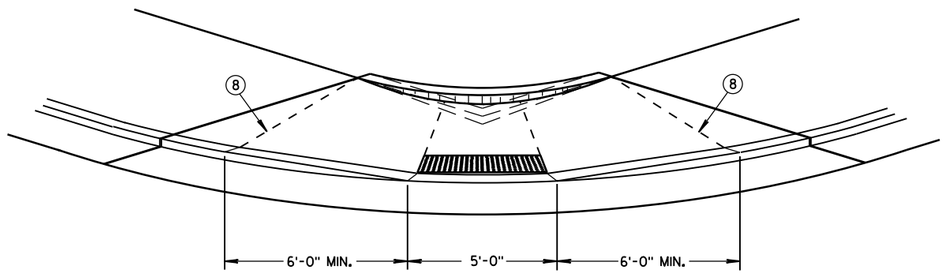
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

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. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(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.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

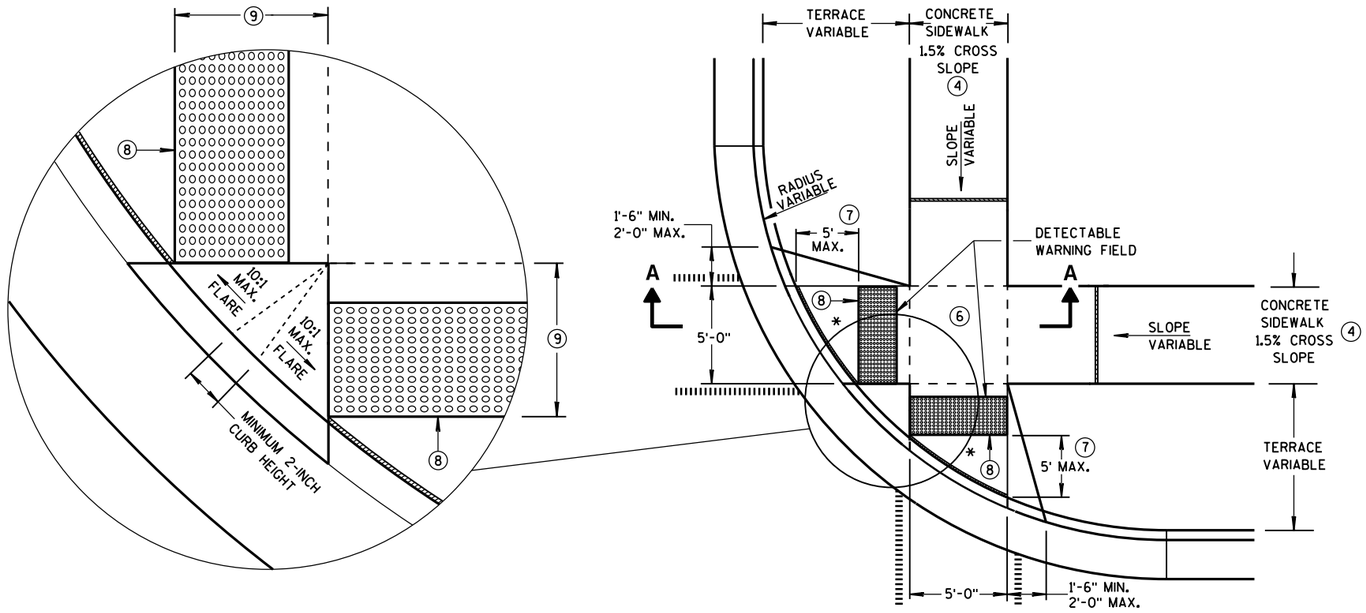
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 8 D 5-18a

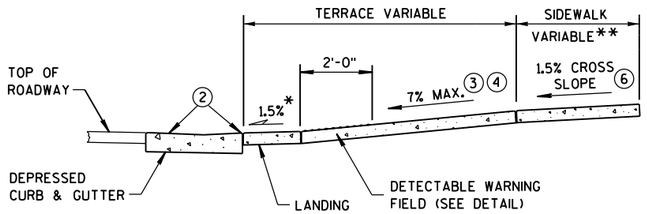


PLAN VIEW

TYPE 2 RAMP

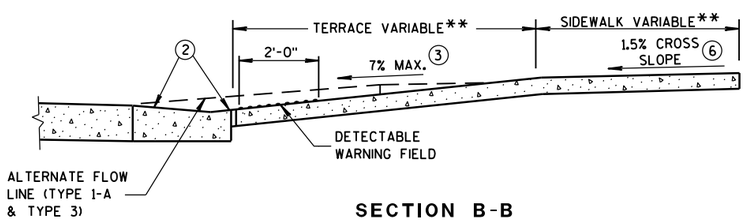
(ON LINE WITH SIDEWALK)

* 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

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 LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(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.

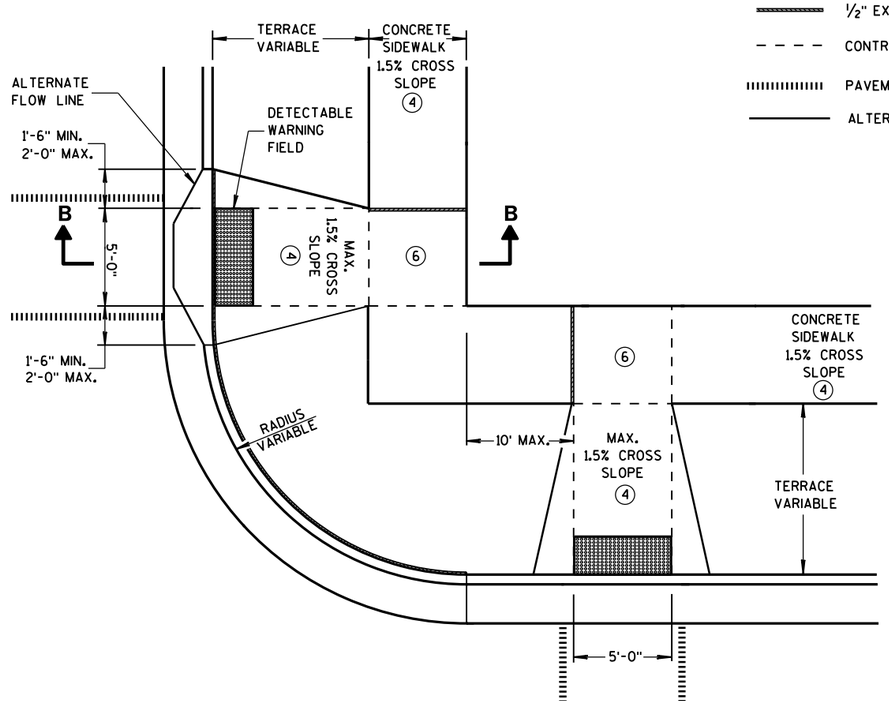
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(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. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

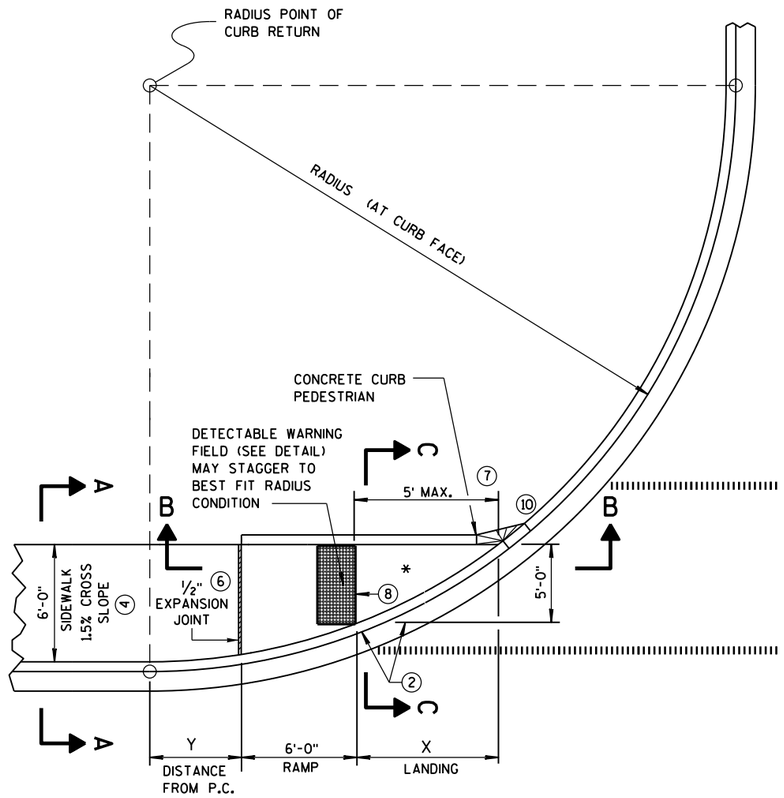
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

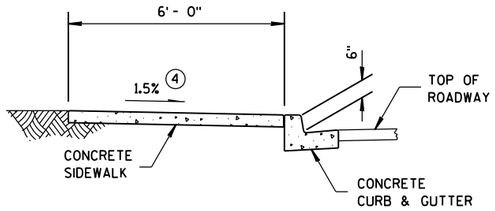
S.D.D. 8 D 5-18b



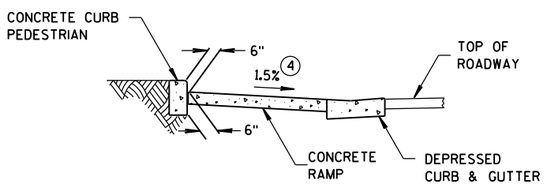
CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X	Y
20 FEET	7'-11"	0'-2"
30 FEET	10'-2¾"	1'-7½"
40 FEET	12'-1¼"	2'-10"
50 FEET	13'-8¾"	3'-10¾"
60 FEET	15'-2"	4'-10¼"

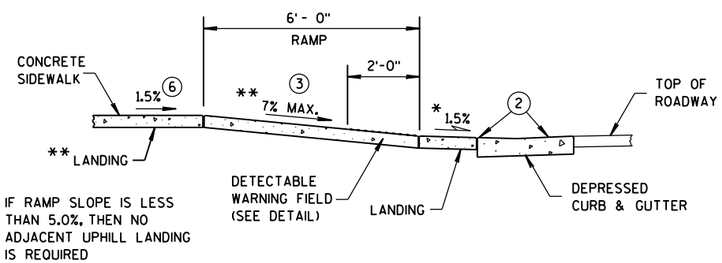
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A



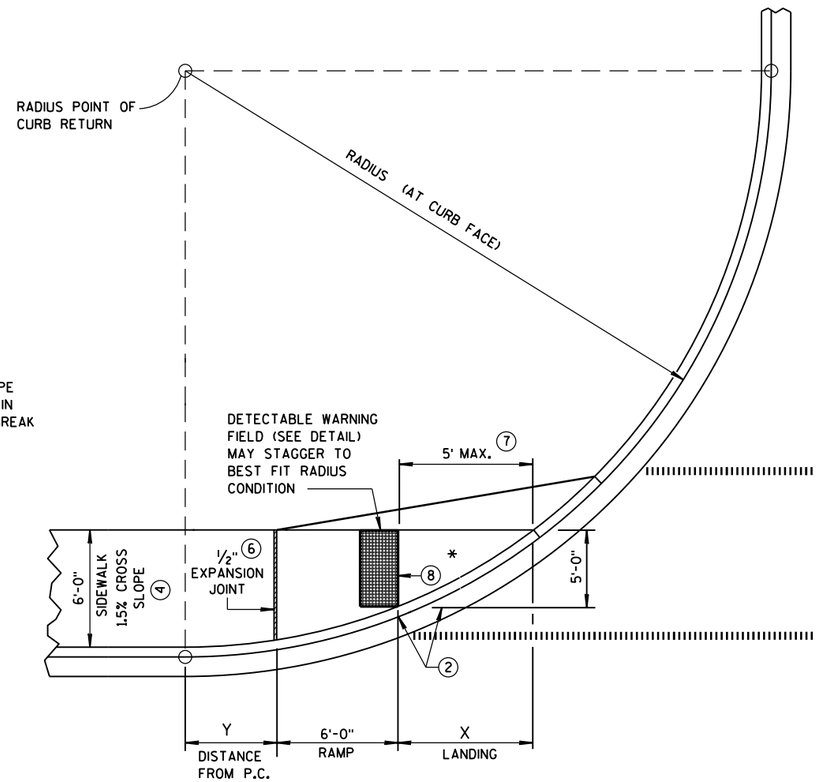
SECTION C-C FOR TYPE 4A



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

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 LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

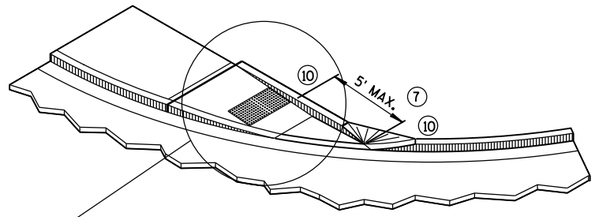
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

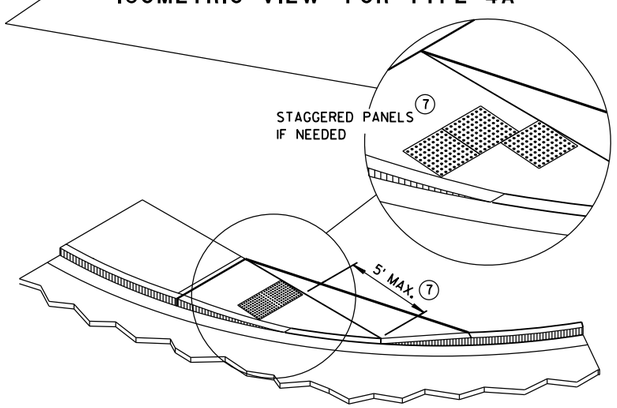
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(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

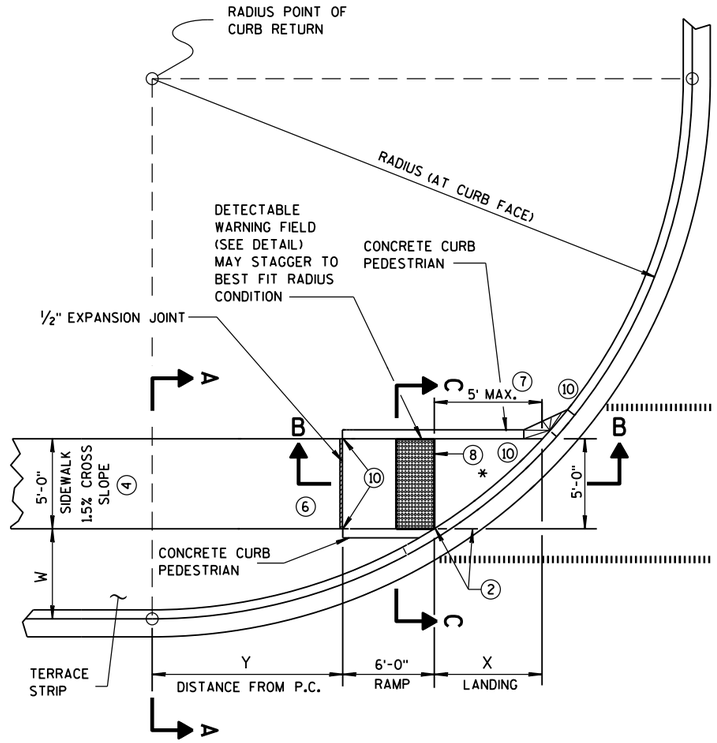
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 4A AND 4A1

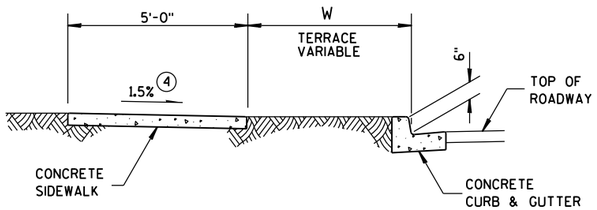
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

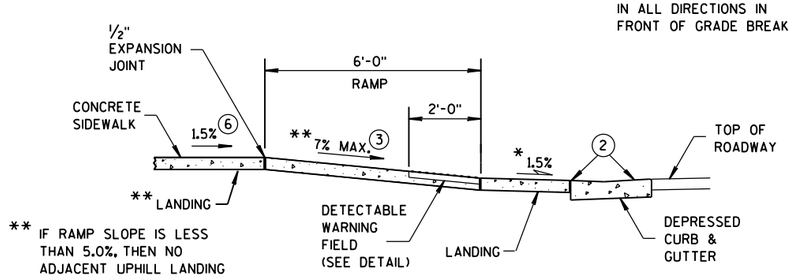
S.D.D. 8 D 5-18c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



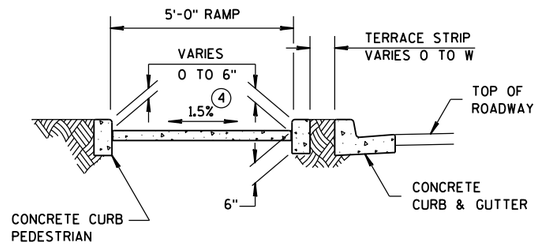
SECTION B-B FOR TYPE 4B

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'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-6¾"	3'-3"	8'-6¼"
30 FEET	7'-9¼"	5'-10½"	6'-9½"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"
40 FEET	9'-4"	7'-10"	8'-2¾"	10'-3"	7'-4¾"	12'-3¾"	6'-8½"	14'-1¼"	6'-1¾"	15'-8½"
50 FEET	10'-8"	9'-6½"	9'-5½"	12'-3¼"	8'-6½"	14'-7½"	7'-9¾"	16'-8¼"	7'-2½"	18'-6¼"
60 FEET	11'-10¼"	11'-0¾"	10'-6½"	14'-1¼"	9'-6½"	16'-8½"	8'-9¼"	18'-11¾"	8'-1½"	21'-0½"

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 LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

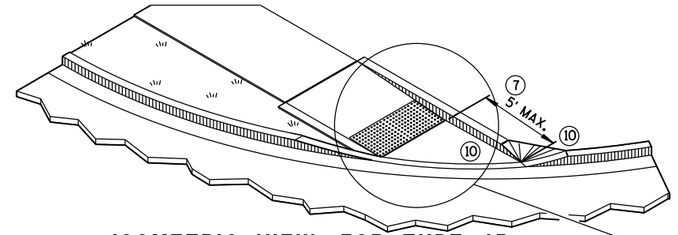
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

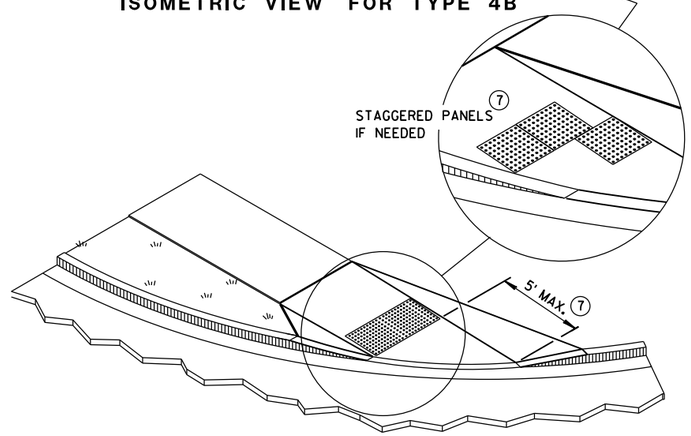
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

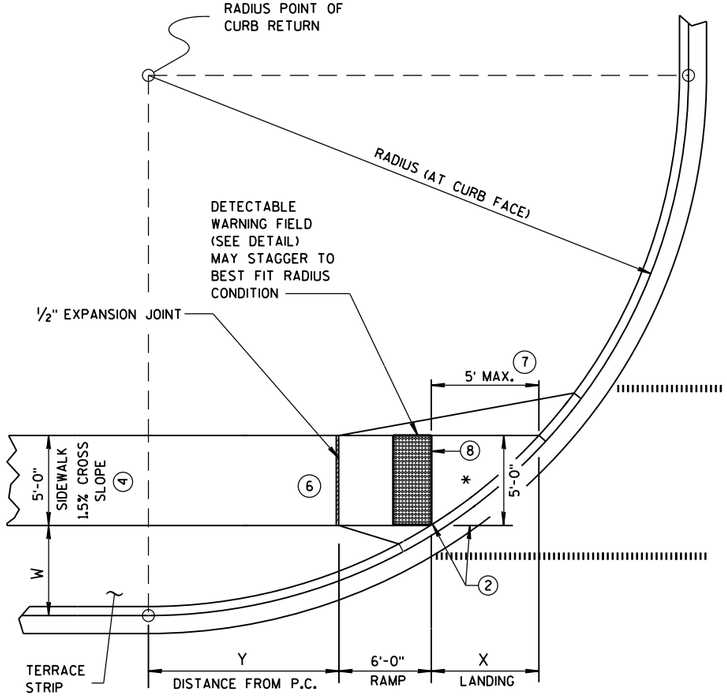
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS
TYPE 4B AND 4B1

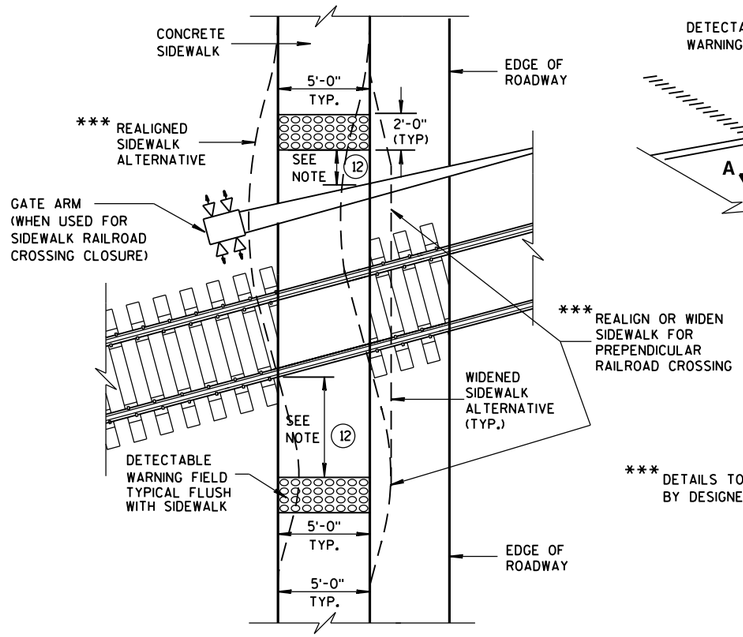
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 8 D 5-18d

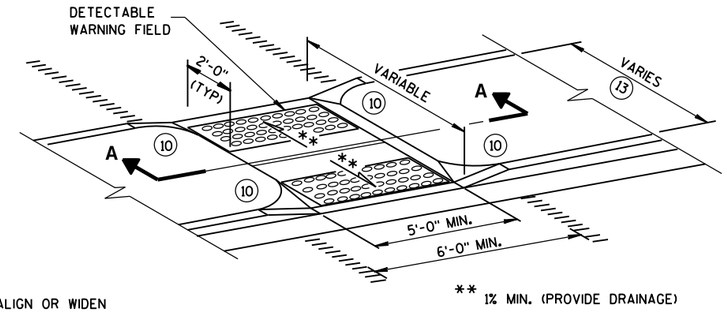
6

S.D.D. 8 D 5-18d



*** DETAILS TO BE DETERMINED BY DESIGNER

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.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(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.

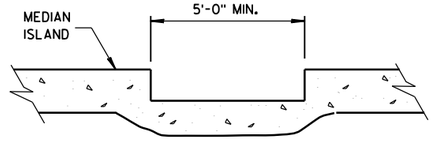
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(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.

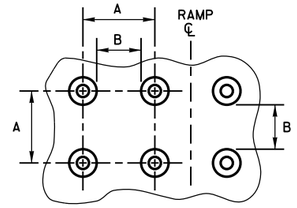
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



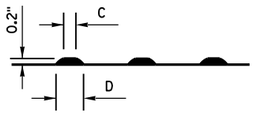
SECTION A-A

	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.

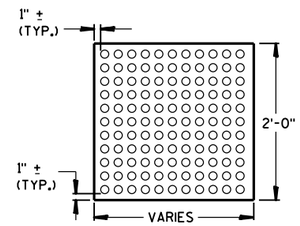


PLAN VIEW



ELEVATION VIEW

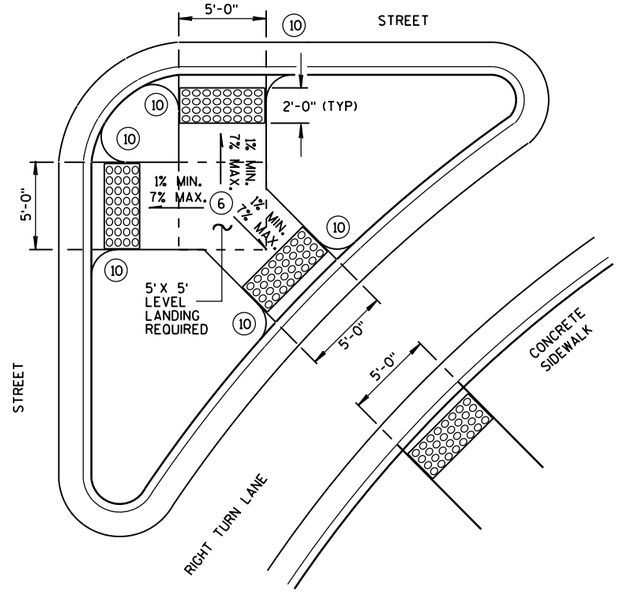
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



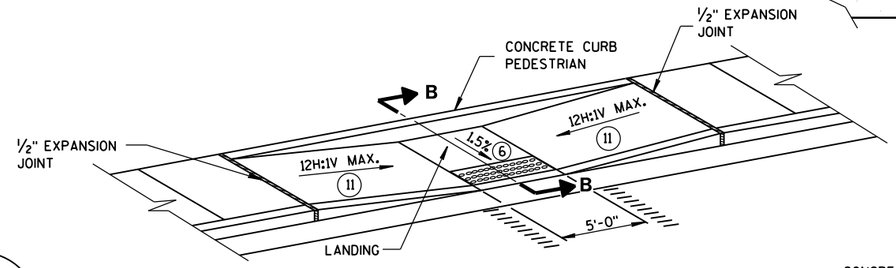
PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)

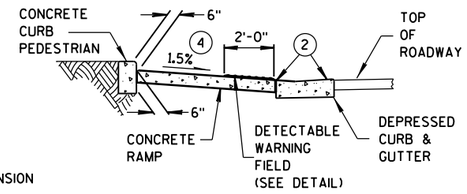
REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



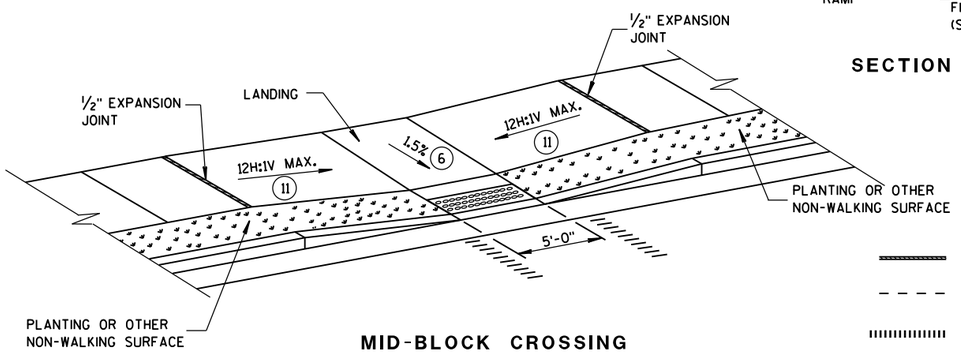
TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7A



SECTION B-B



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
Sept., 2016
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV

280

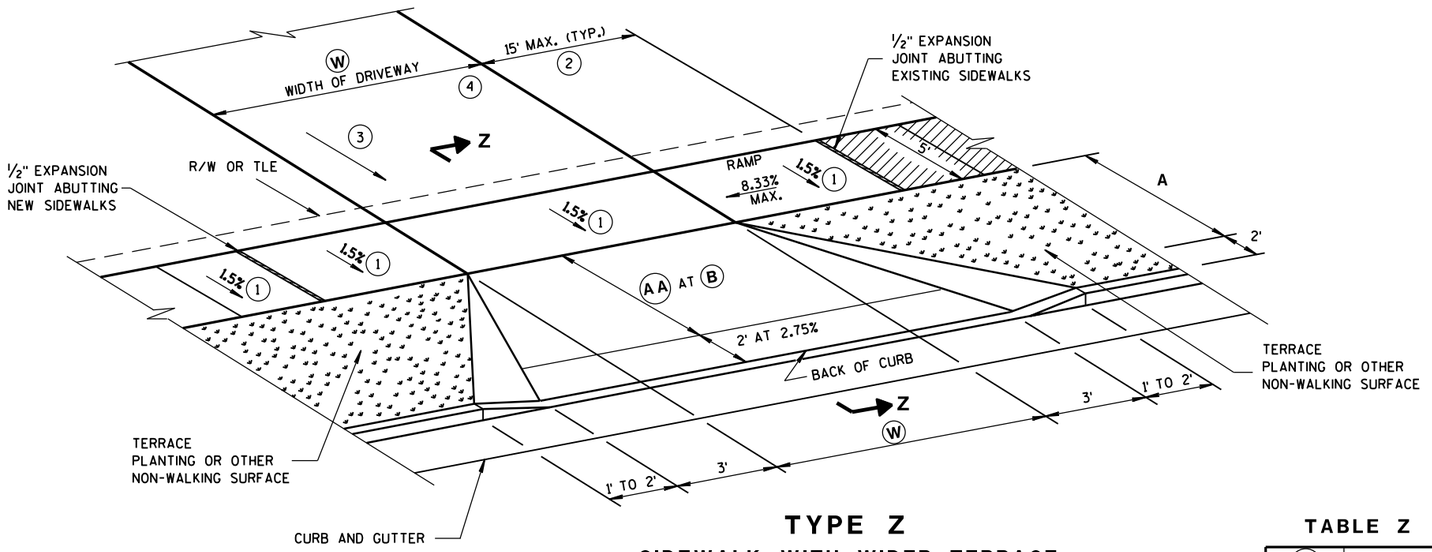
ENT

6

S.D.D. 8 D 5-18e

6

S.D.D. 8 D 5-18e



TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

TABLE Z

(AA) FEET	(B) %
4.5'	11.5%
5.5'	9-11.5%
6.5'	8-11.5%
7.5'	7-11.5%
8.5'	6-11.5%
9.5'	5-11.5%

GENERAL NOTES

(1) CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

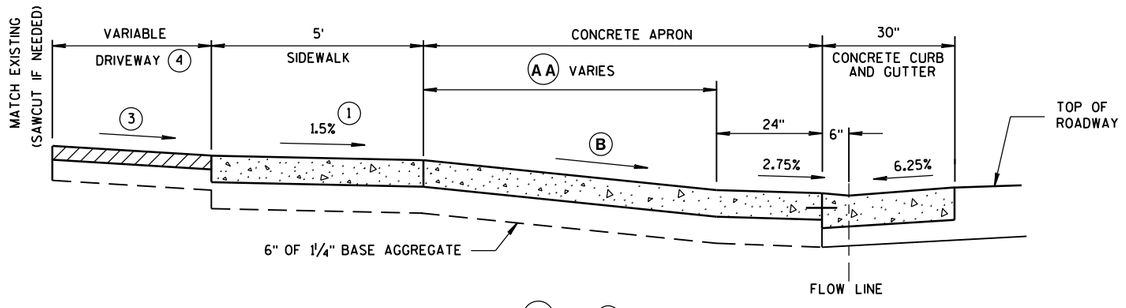
(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)

(5) PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(6) (W) IS SHOWN ON PLAN AND PROFILE SHEETS.

(7) OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR **B** VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY, 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

CONCRETE APRON MEASURED AND PAID FOR AS CONCRETE DRIVEWAY, 6-INCH

SECTION Z-Z

DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

(URBAN AND SUBURBAN)

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

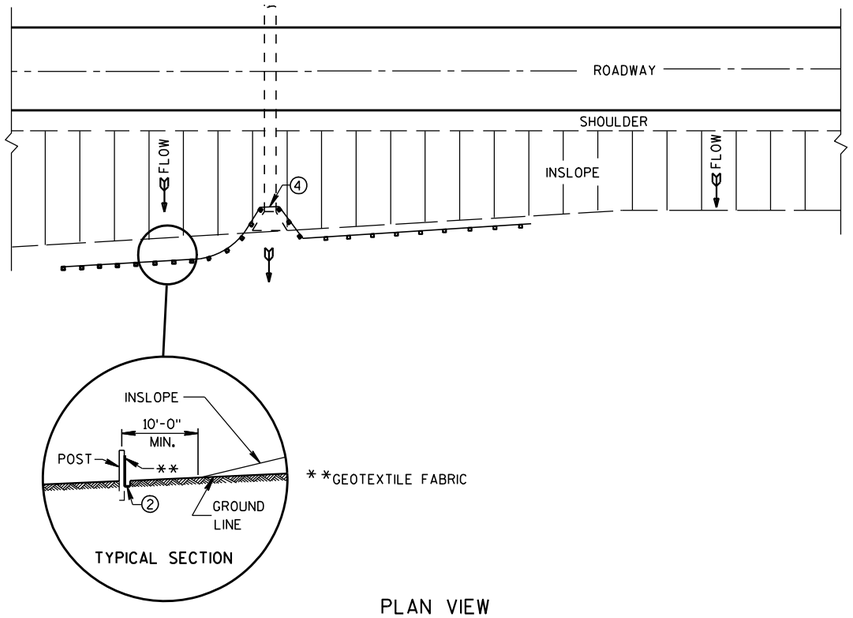
APPROVED
December, 2016 /S/ Rodney Taylor
DATE ROADWAY STANDARDS UNIT SUPERV
FHWA

6

S.D.D. 8 D 19-1

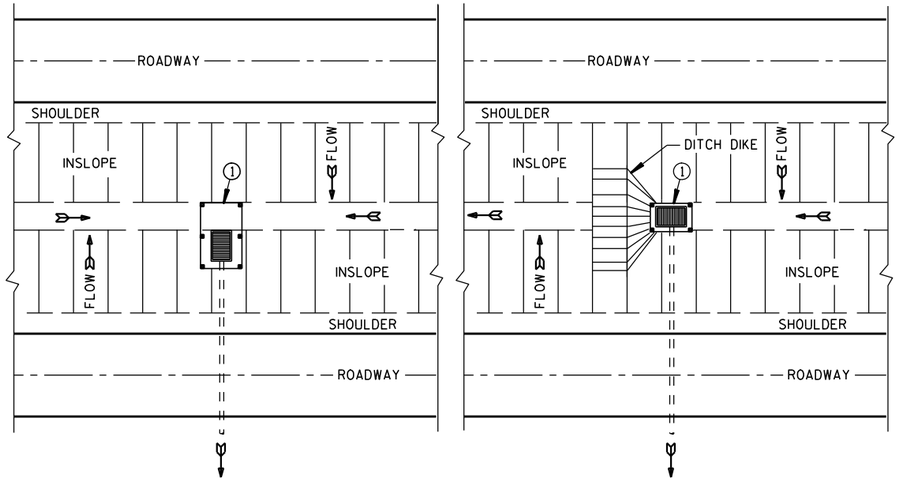
6

S.D.D. 8 D 19-1



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



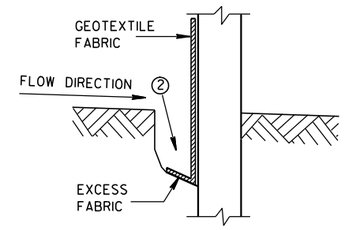
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

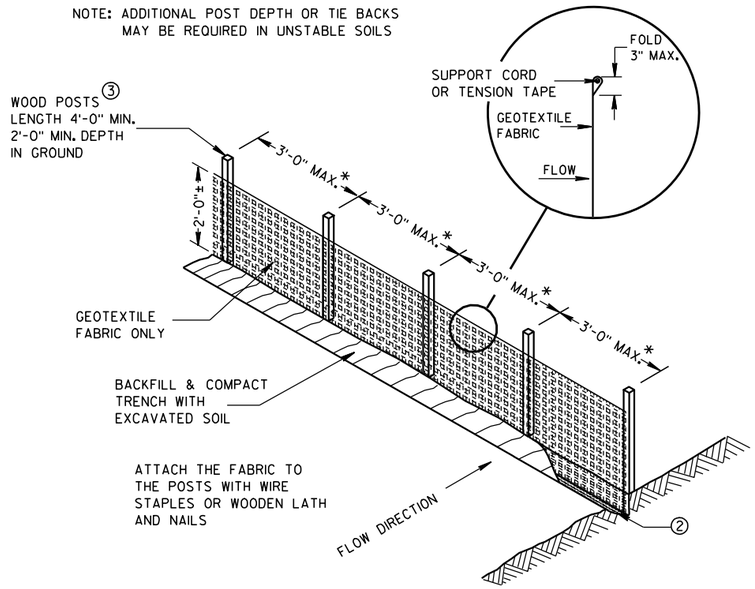
GENERAL NOTES

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

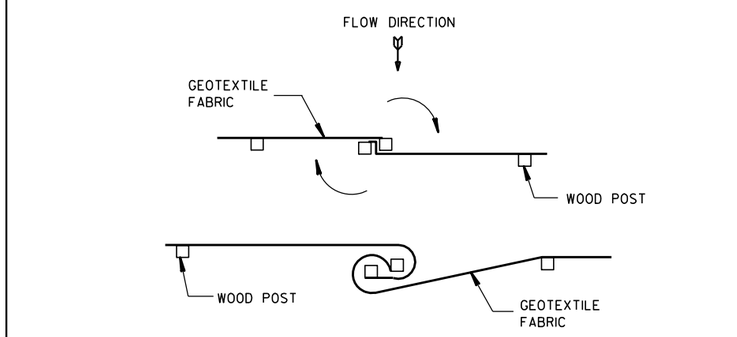
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL 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.



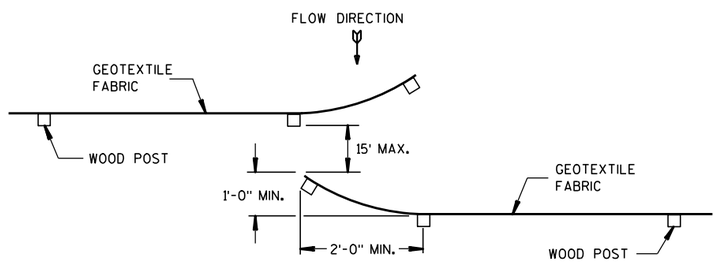
TRENCH DETAIL



SILT FENCE

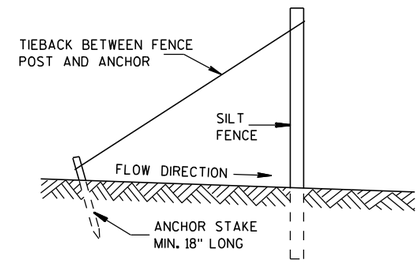


TWIST METHOD



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

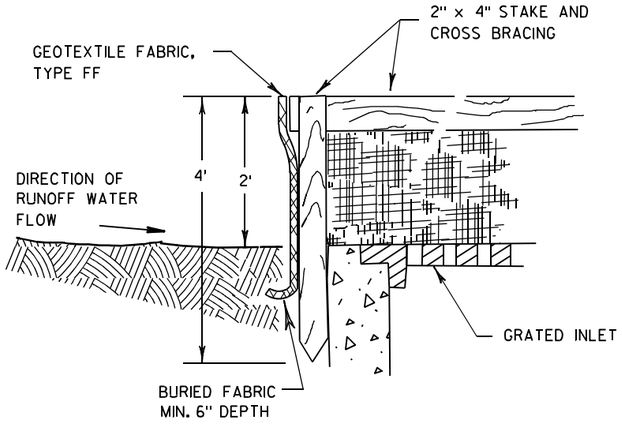
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

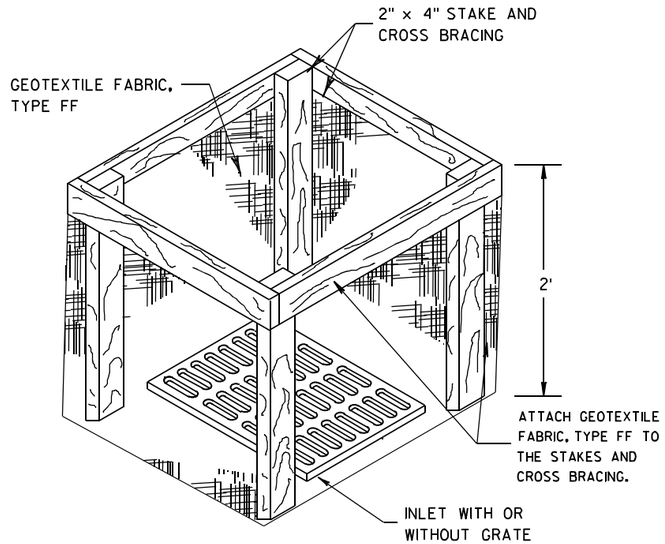
6

S.D.D. 8 E 9-6

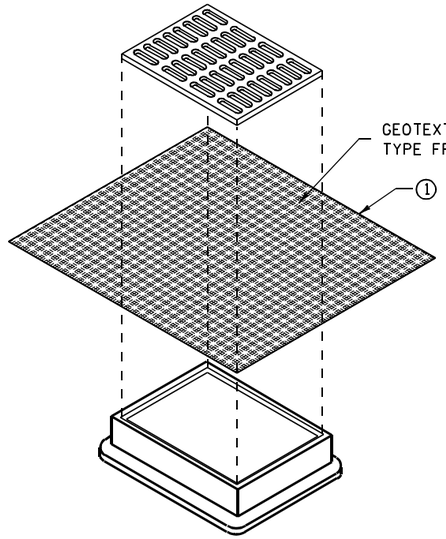
6

S.D.D. 8 E 9-6



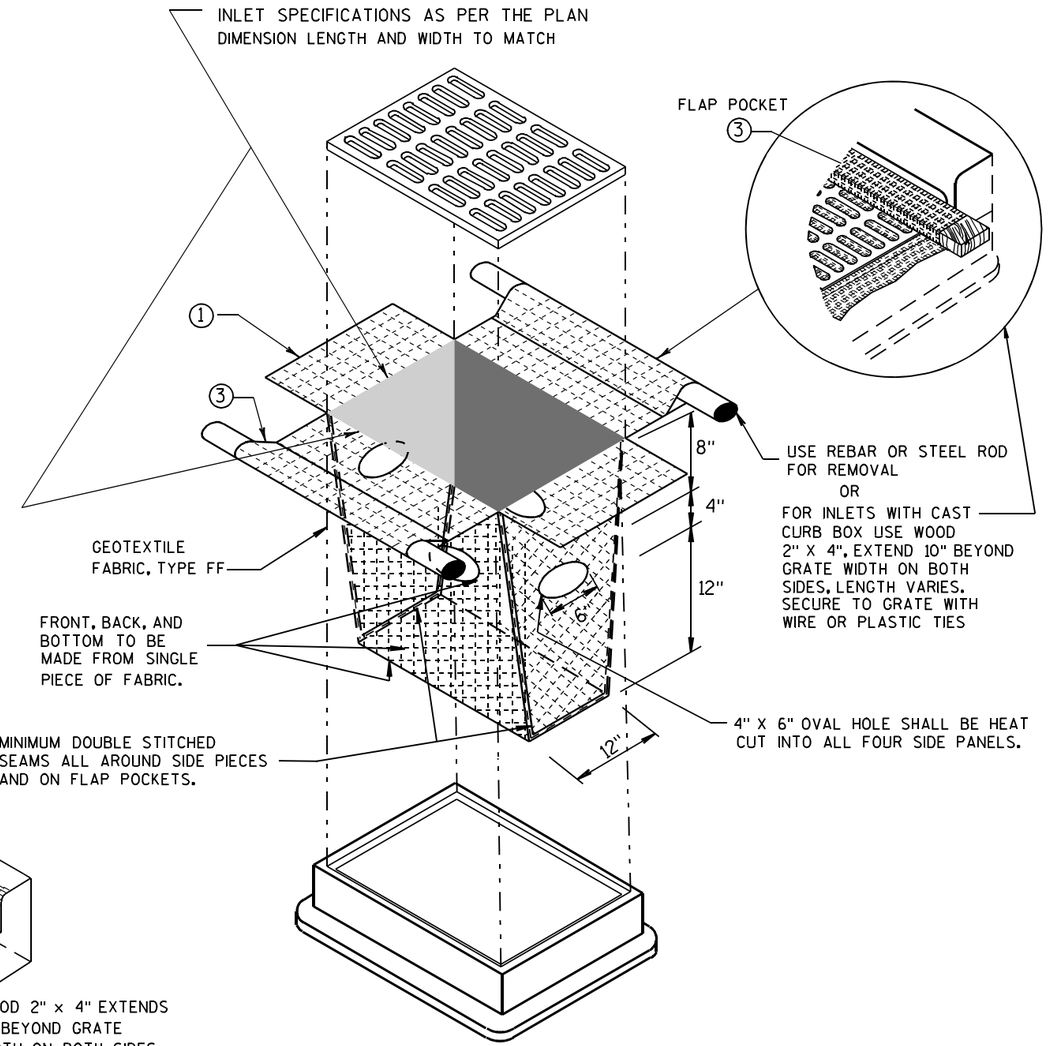


INLET PROTECTION, TYPE A



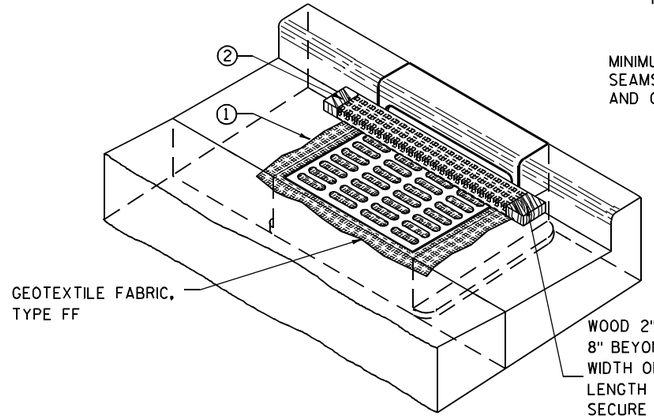
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

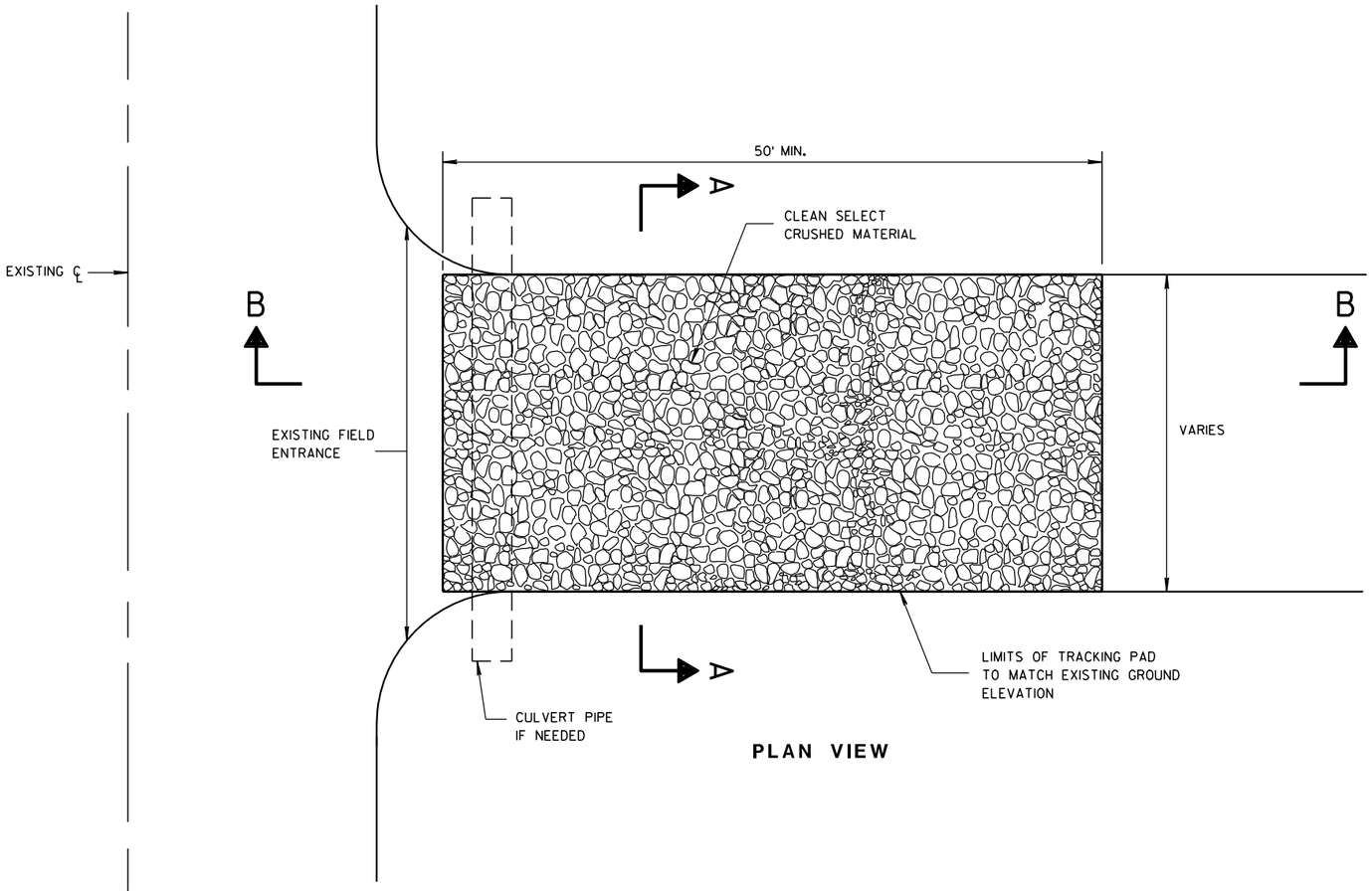
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

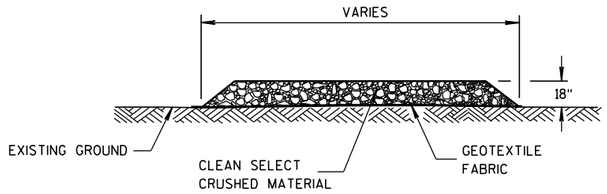
SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

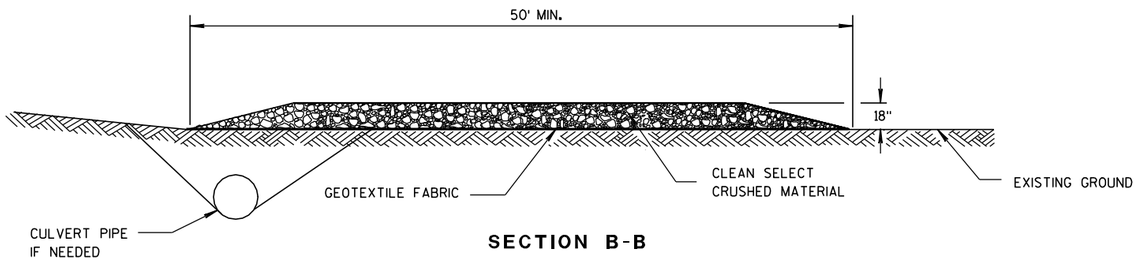
THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



PLAN VIEW



SECTION A-A



SECTION B-B

TRACKING PAD

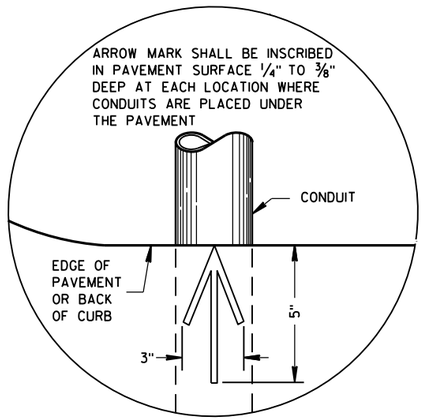
TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS ENGINEER
FHWA

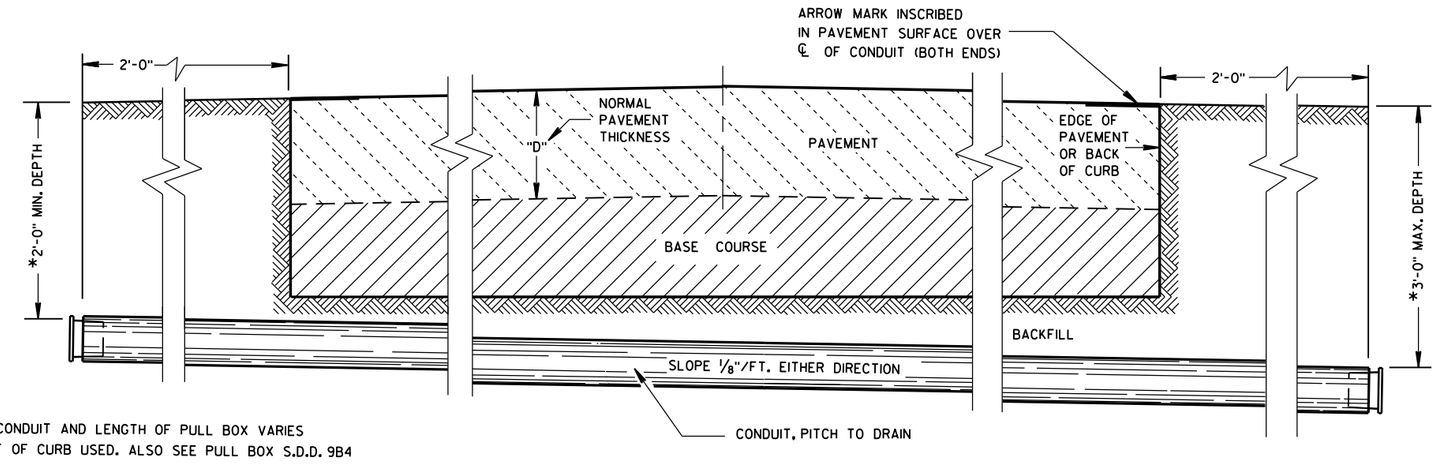
S.D.D. 8 E 14-1

6
S.D.D. 8 E 14-1



PLAN VIEW

ARROW MARK



*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

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.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

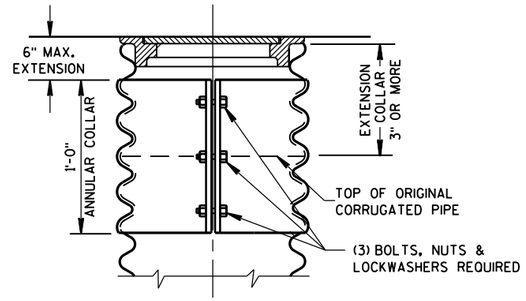
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

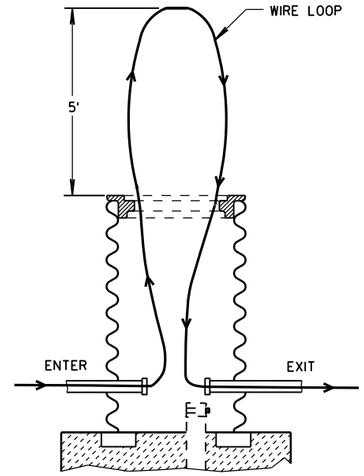
DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	E	14 1/2	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.

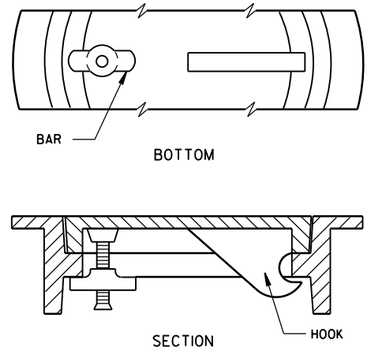
** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.



CORRUGATED PIPE EXTENDER

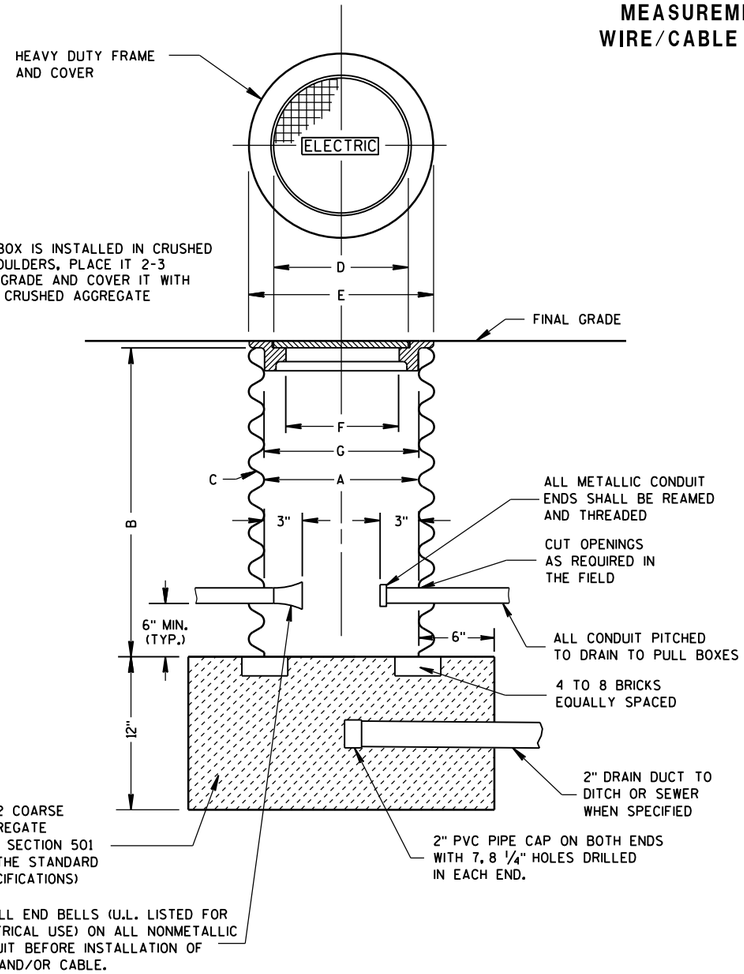


MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

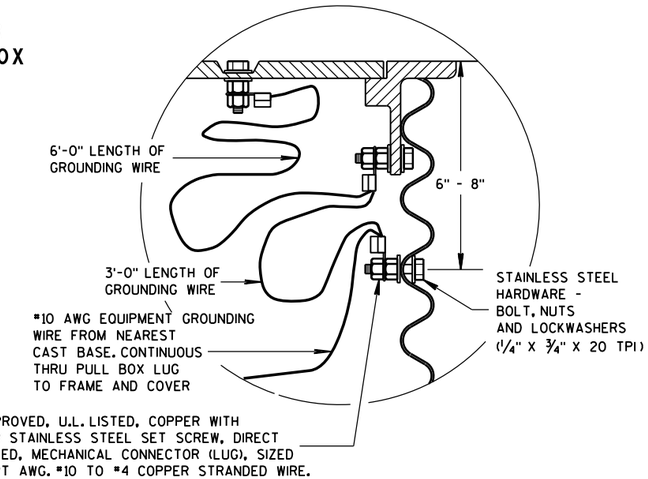


ALTERNATE COVER (LOCKING)

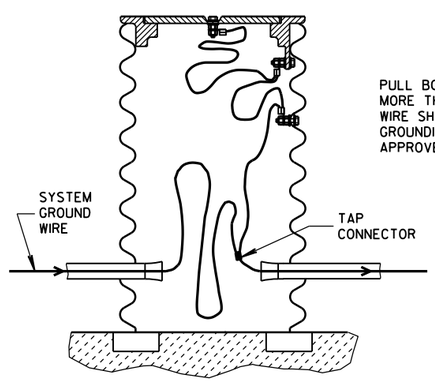
TIGHTENING BAR TYPE



PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 B 4-11

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		NON-CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 1/2	22 1/2
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN 1/4".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

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".

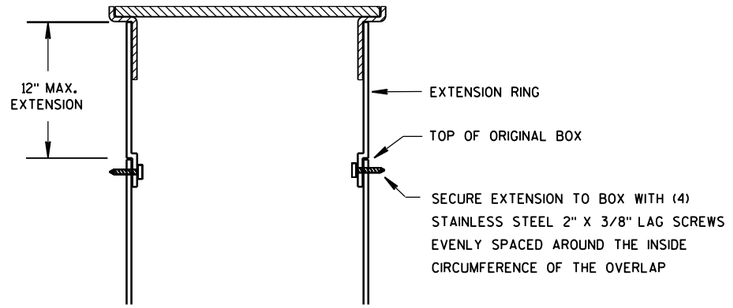
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

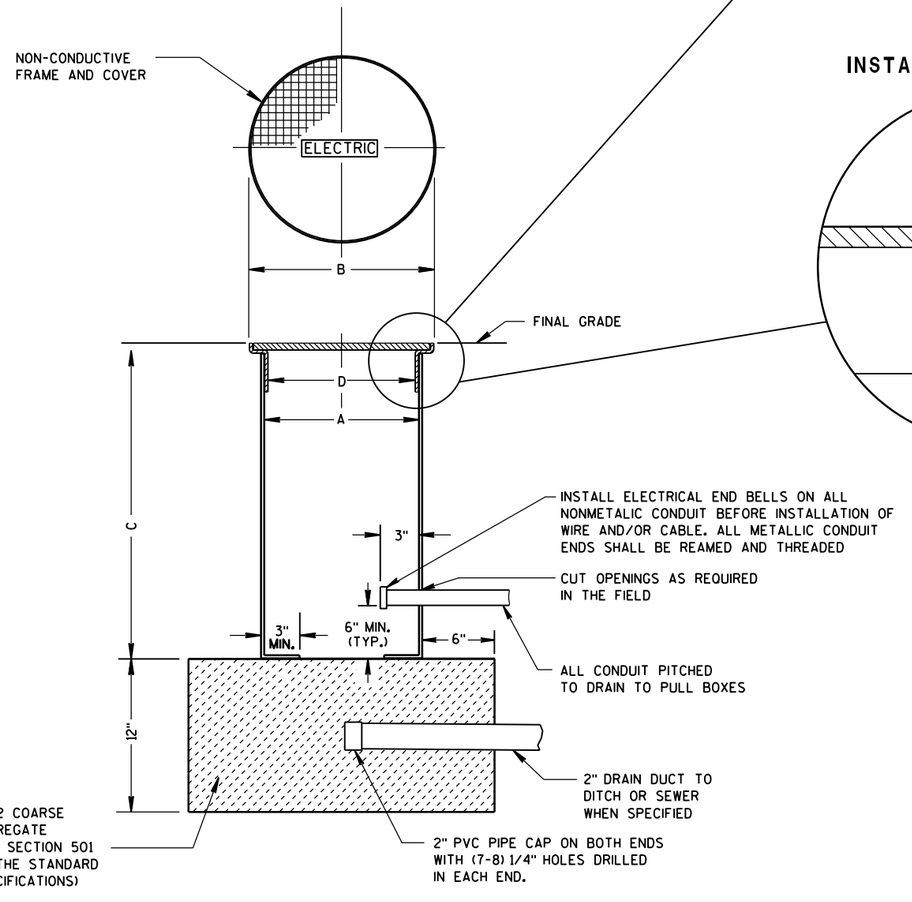
ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

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

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.

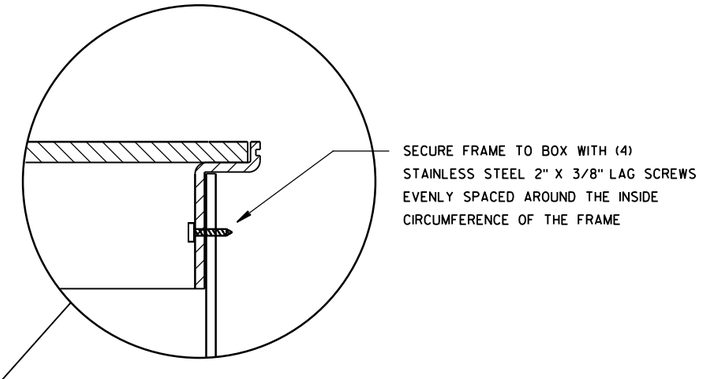


BOX EXTENSION

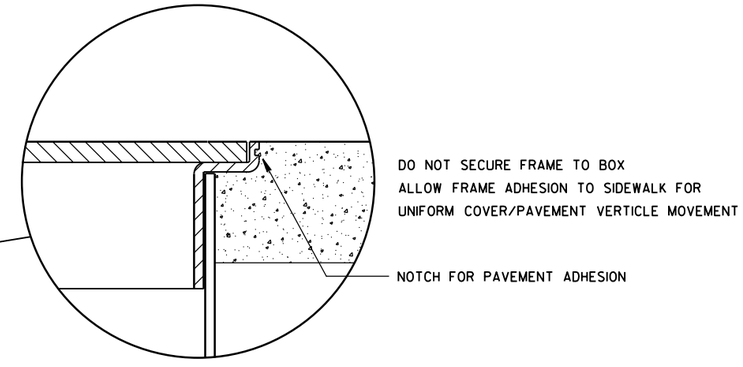


NON-CONDUCTIVE PULL BOX

INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK



PULL BOX NON-CONDUCTIVE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

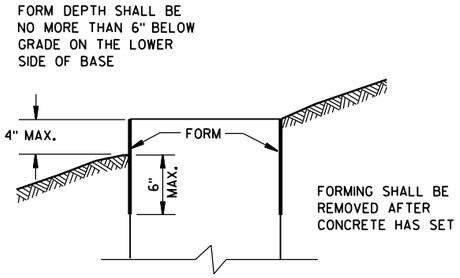
APPROVED
May 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 B 16-1

6

S.D.D. 9 B 16-1



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.

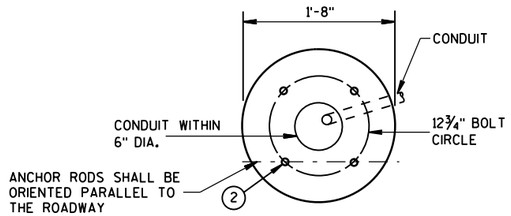
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

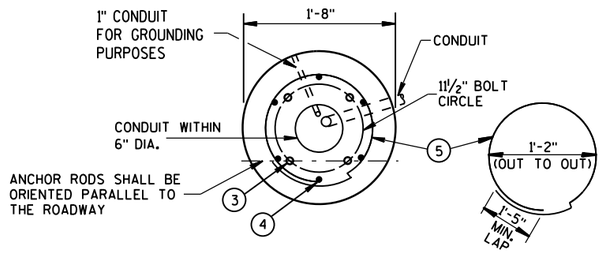
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

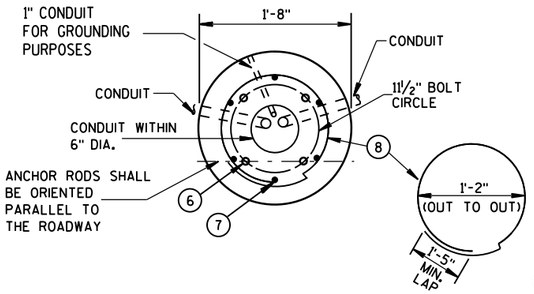
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

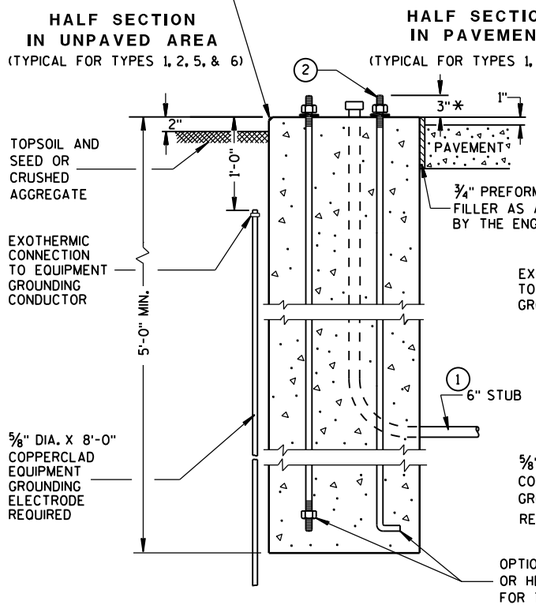
(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.



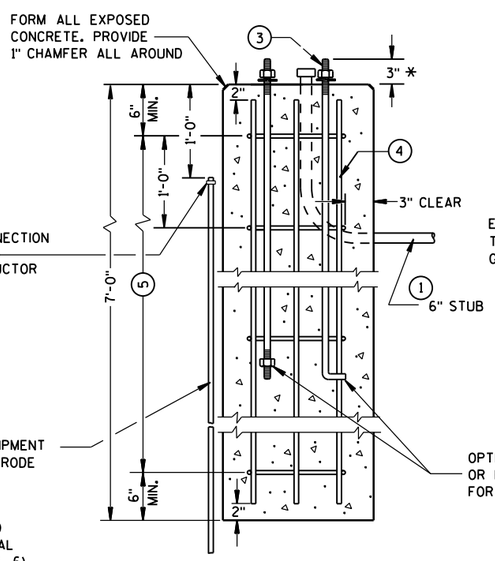




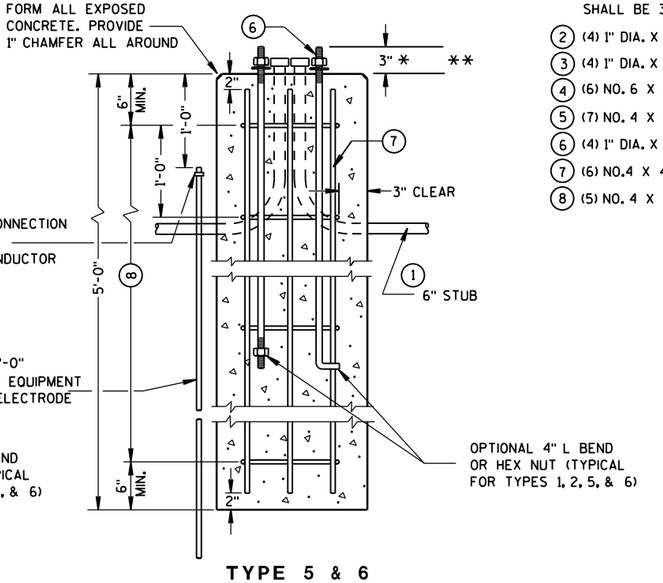
HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5, & 6)



HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5, & 6)



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.

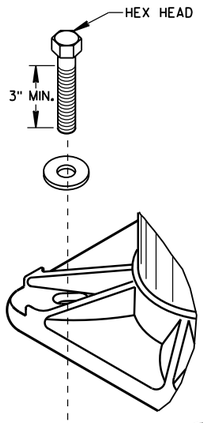
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

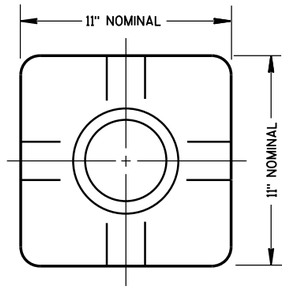
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

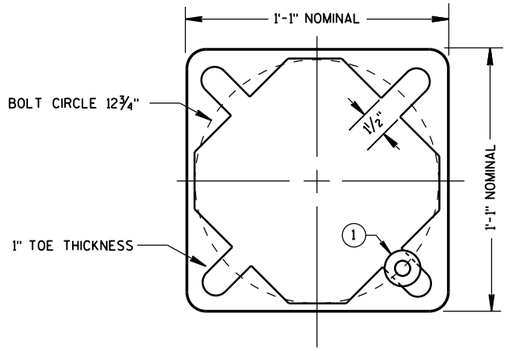
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

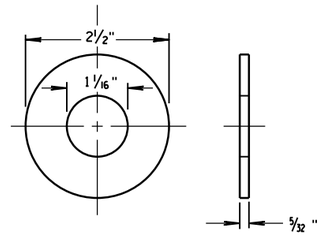




TOP VIEW
(PEDESTAL BASE)

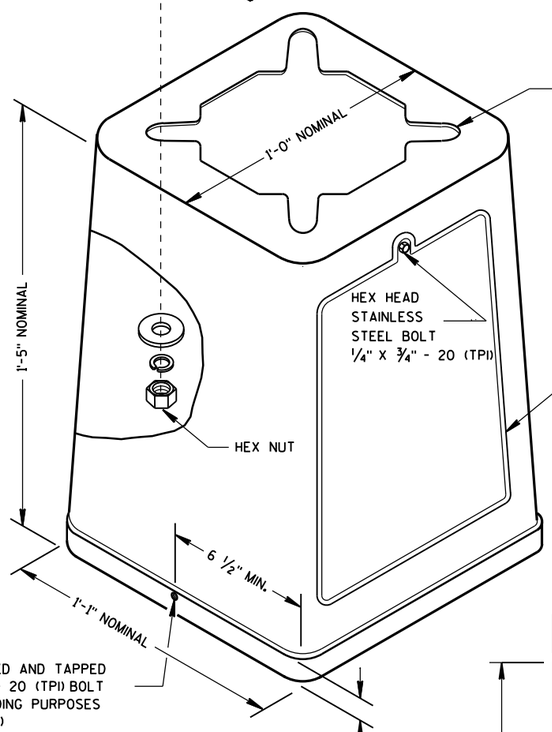


BOTTOM VIEW
(PEDESTAL BASE)

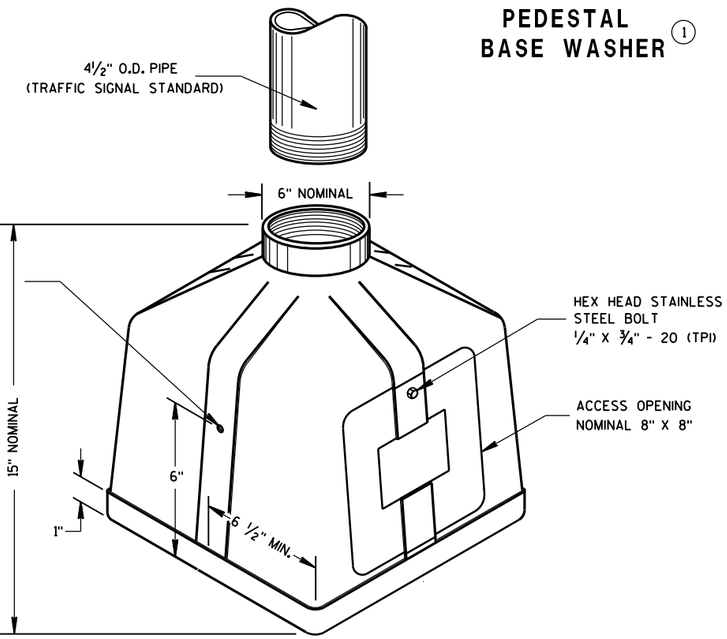


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

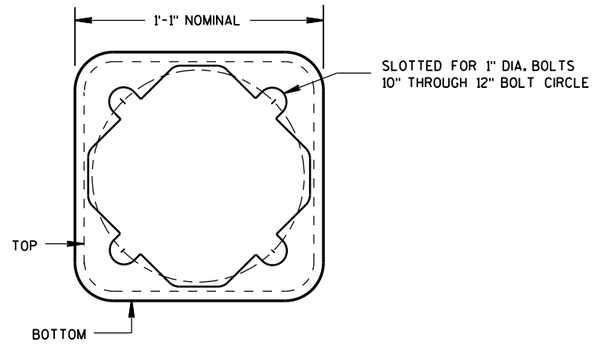


ISOMETRIC VIEW

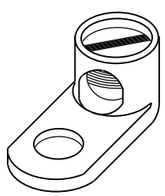


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

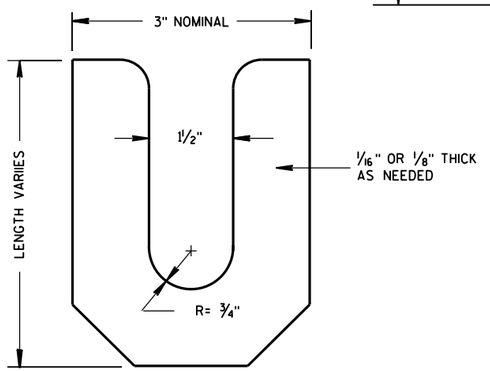


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

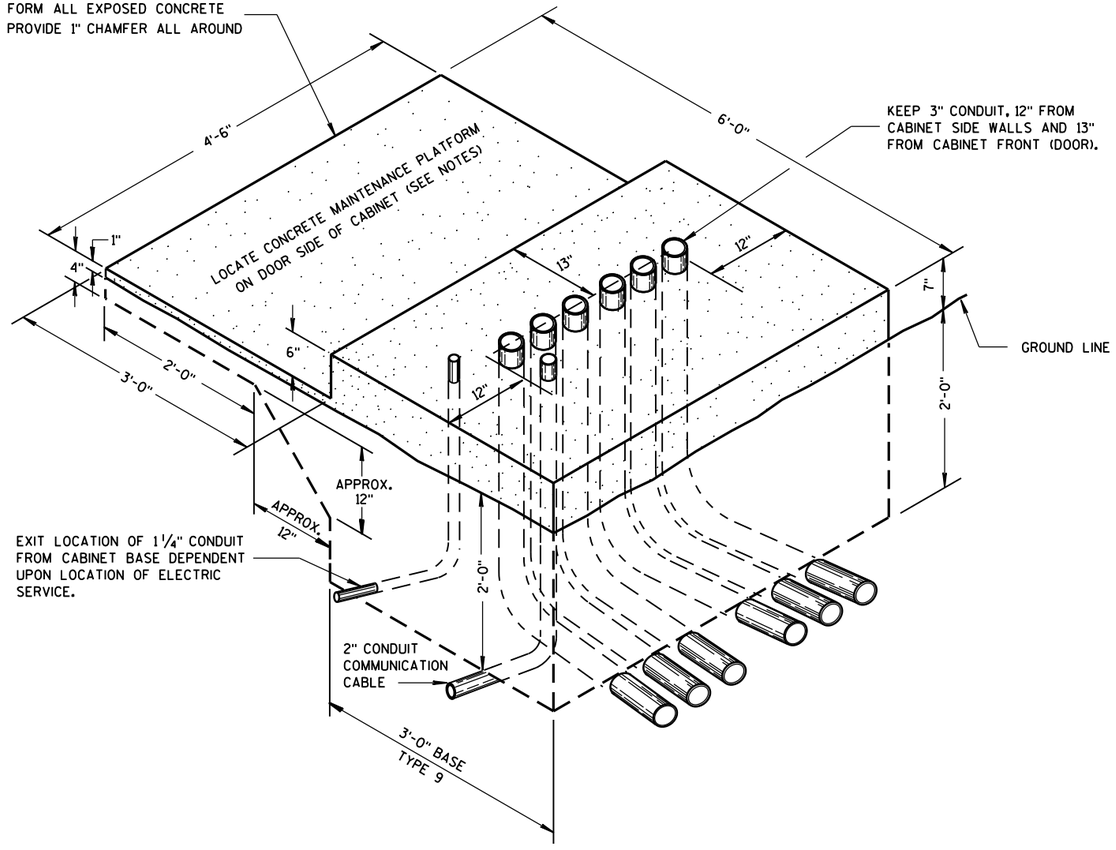
APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 3-4

6

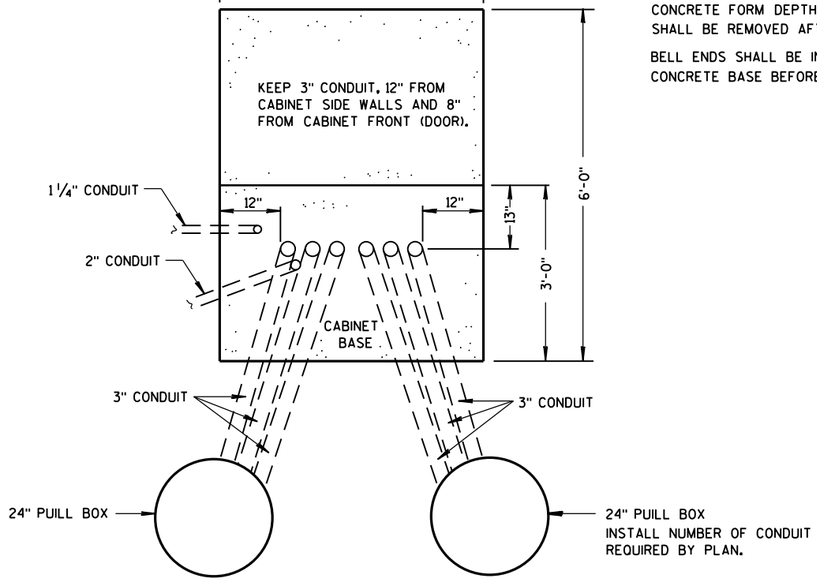
S.D.D. 9 C 3-4



ISOMETRIC VIEW

TYPE 9, SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR ½ INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

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.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND BE LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

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 BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONDUIT EXITING THE CONCRETE BASE (SIX THREE INCH) SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 290
FHWA

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 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 4 INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL END INSTALLED. ALL CONDUIT SHALL BE SLOPED TO PULL BOX.

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. CONDUIT 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.

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).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL 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.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

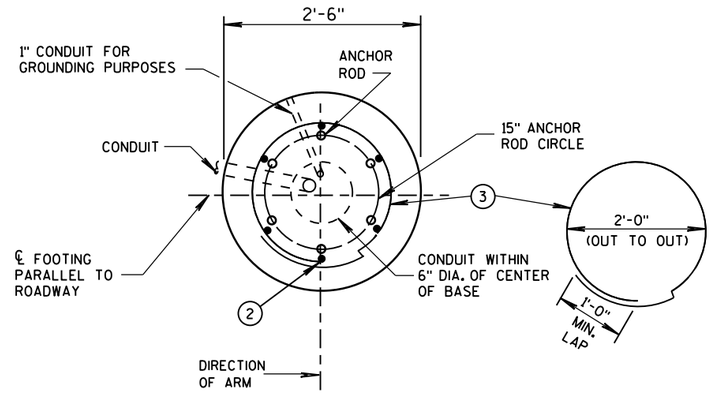
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

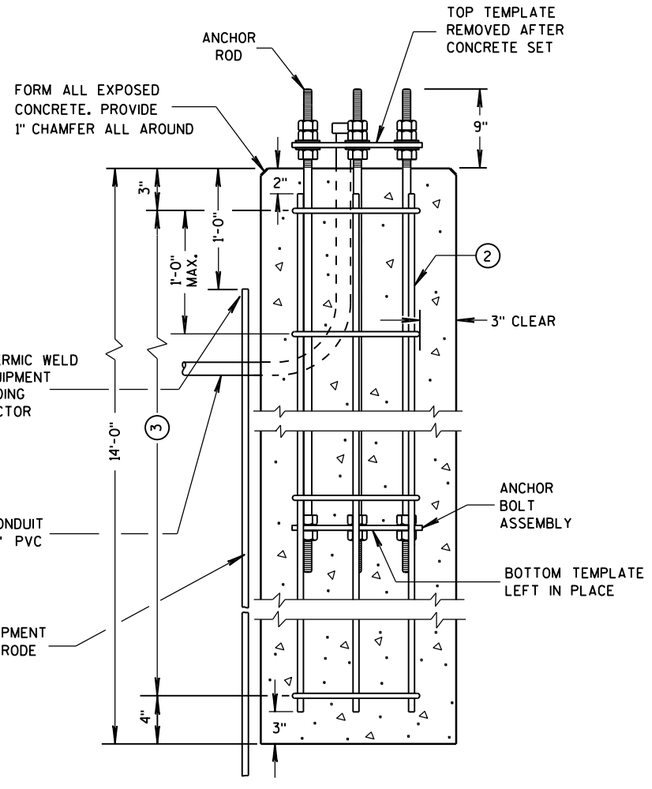
(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES, (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (6) NO. 6 X 13'-7" BAR STEEL REINFORCEMENT.

(3) (15) NO. 4 X 7'-4" BAR STEEL REINFORCEMENT @ 1'-0" MAX. C-C.

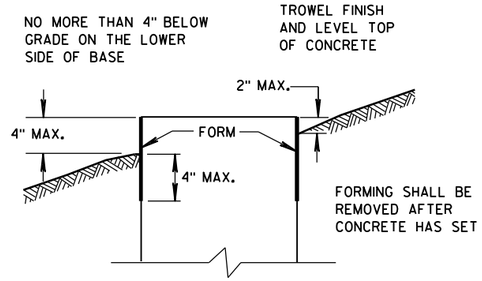
CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 641.2.2.3 OF THE STANDARD SPECIFICATION)	fy=55,000 p.s.i.
TEMPLATES, ASTM, A709 GRADE 36	fy=36,000 p.s.i.



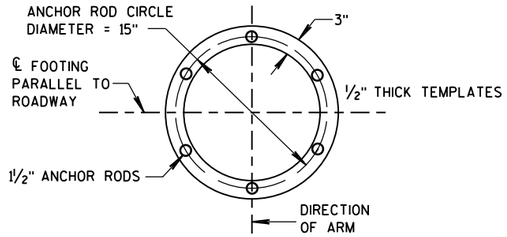


CONCRETE BASE TYPE 10
(FOR TYPE 9 & 10 POLES)

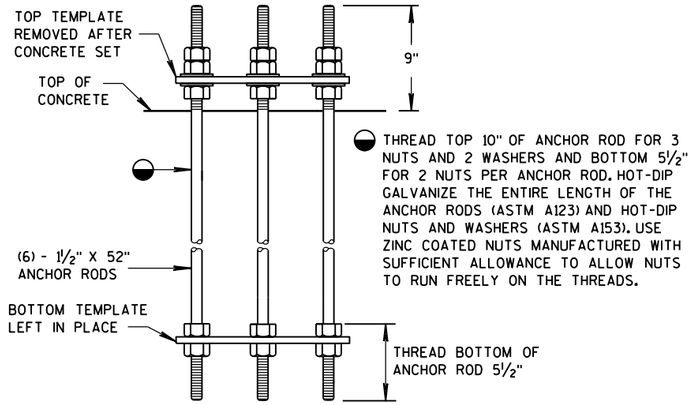
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATES



ANCHOR BOLT ASSEMBLY DETAIL

CONCRETE BASE TYPE 10
ANCHOR ASSEMBLY

QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	69
LBS. OF VERTICAL BAR STEEL	122

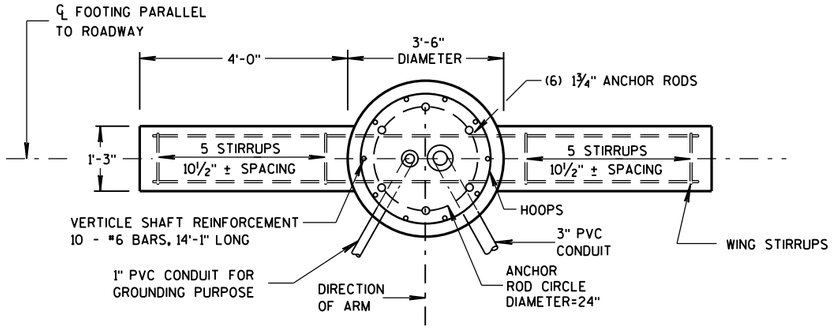
CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

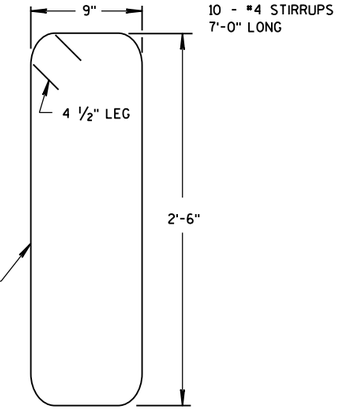
APPROVED
May 2016 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

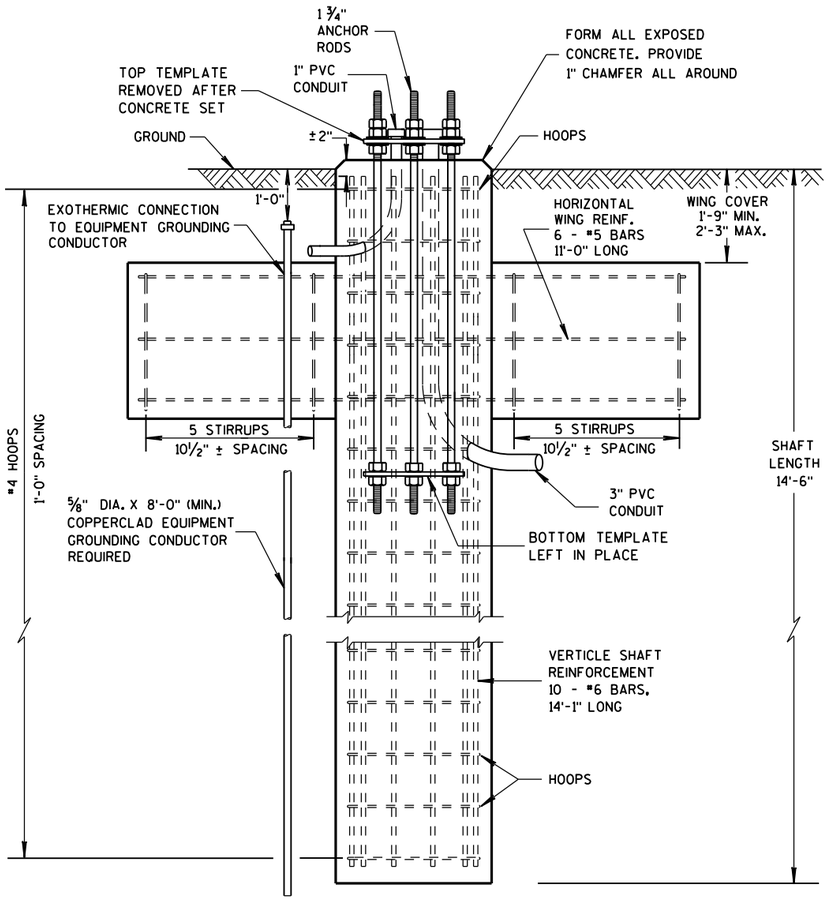
S.D.D. 9 C 11-9



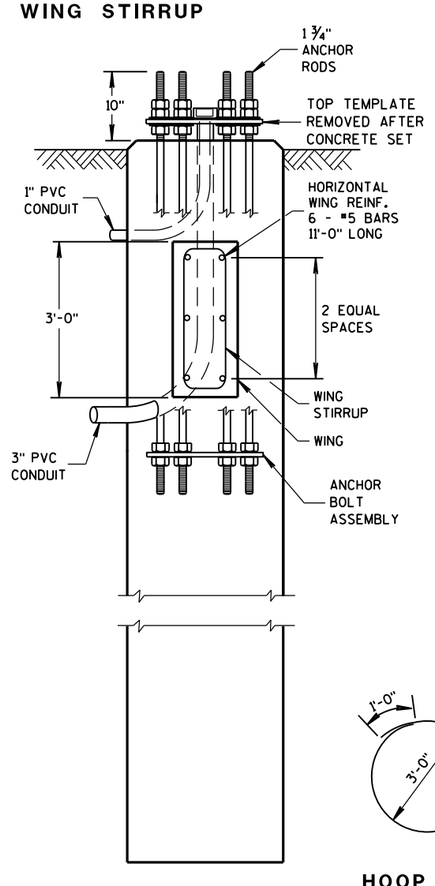
PLAN VIEW



WING STIRRUP

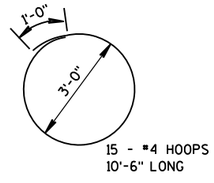


ELEVATION VIEW



SIDE VIEW

DOES NOT SHOW HOOPS OR VERTICAL SHAFT REINFORCEMENT



15 - #4 HOOPS 10'-6" LONG

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, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 641.2.2.3 OF THE STANDARD SPECIFICATIONS	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.

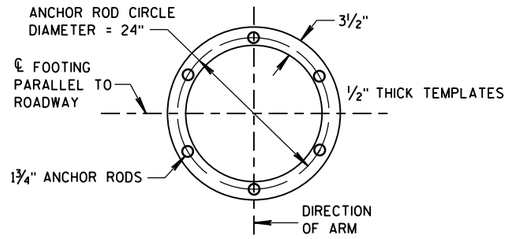
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.
SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 13

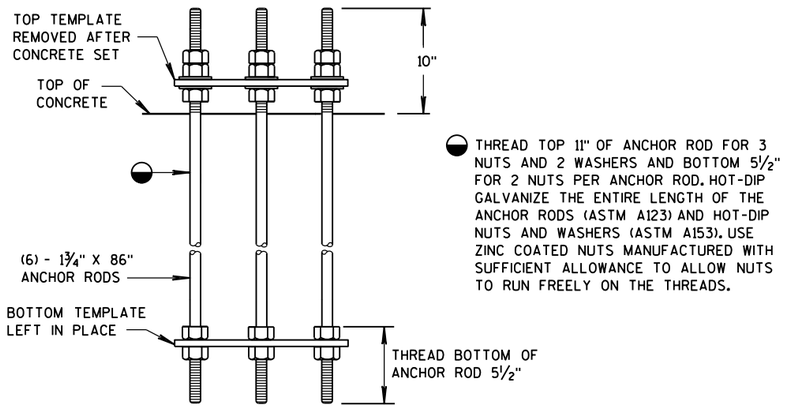
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 9 C 12-8a

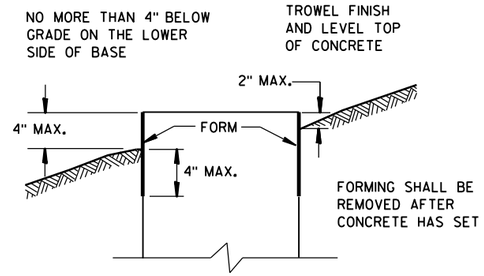


TOP AND BOTTOM TEMPLATES



ANCHOR BOLT ASSEMBLY DETAIL

CONCRETE BASE TYPE 13 ANCHOR ASSEMBLY



FORMING DETAIL

CONCRETE BASE TYPE 13	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2016 DATE FHWA	/S/ Ahmet Demirbilek STATE ELECTRICAL

6

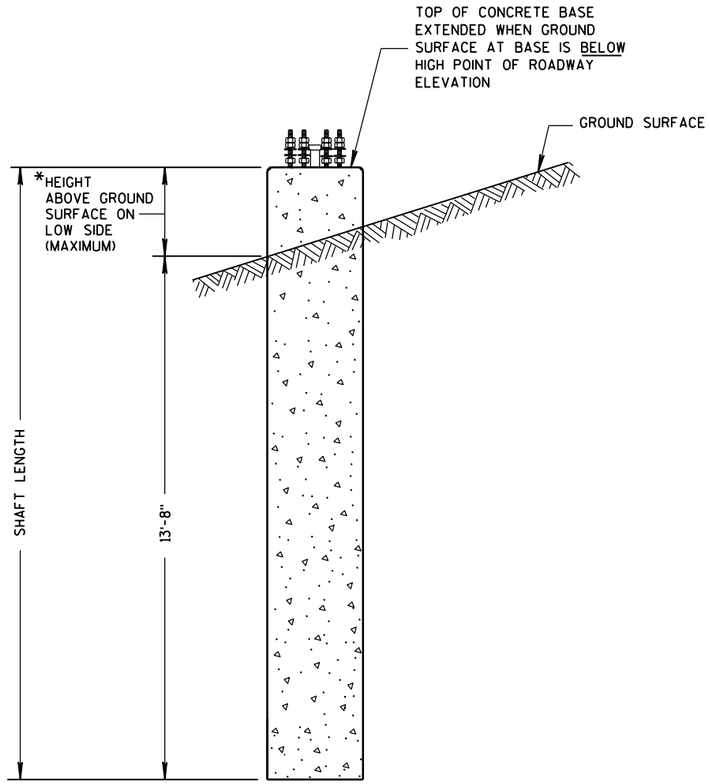
S.D.D. 9 C 12-8b

6

S.D.D. 9 C 12-8b

REINFORCEMENT AND CONCRETE QUANTITIES ADJUSTED FOR EXTENDED TYPE 10 CONCRETE BASE

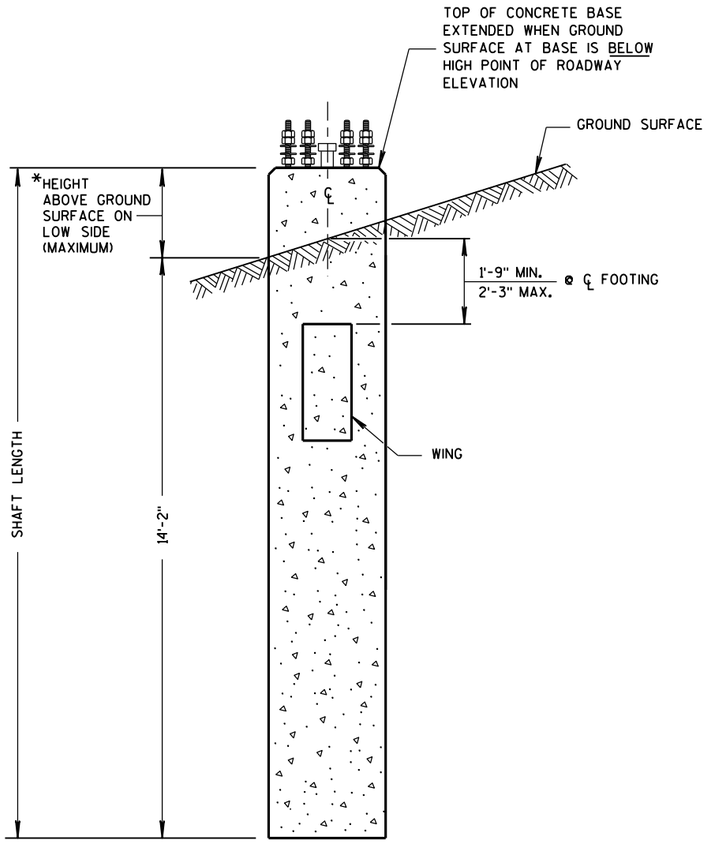
HEIGHT INCREASE REQUIRED	* HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAXIMUM)	SHAFT LENGTH	LENGTH OF #6 VERTICAL REINF.	NO. OF #4 HOOPS	C.Y. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL BAR STEEL
>0" TO 6"	10"	14'-6"	14'-1"	16	2.6	78	127
>6" TO 1'-0"	1'-4"	15'-0"	14'-7"	16	2.7	78	131
>1'-0" TO 1'-6"	1'-10"	15'-6"	15'-1"	17	2.8	83	136
>1'-6" TO 2'-0"	2'-4"	16'-0"	15'-7"	17	2.9	83	141



CONCRETE BASE TYPE 10 (EXTENDED)

REINFORCEMENT AND CONCRETE QUANTITIES ADJUSTED FOR EXTENDED TYPE 13 CONCRETE BASE

HEIGHT INCREASE REQUIRED	* HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAXIMUM)	SHAFT LENGTH	LENGTH OF #6 VERTICAL REINF.	NO. OF #4 HOOPS	C.Y. OF CONCRETE	LBS. OF H.S. BAR STEEL
>0" TO 6"	10"	15'-0"	14'-7"	16	6.5	447
>6" TO 1'-0"	1'-4"	15'-6"	15'-1"	16	6.6	454
>1'-0" TO 1'-6"	1'-10"	16'-0"	15'-7"	17	6.8	469
>1'-6" TO 2'-0"	2'-4"	16'-6"	16'-1"	17	7.0	476



CONCRETE BASE TYPE 13 (EXTENDED)

CONCRETE BASE TYPE 10 & TYPE 13 EXTENSION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

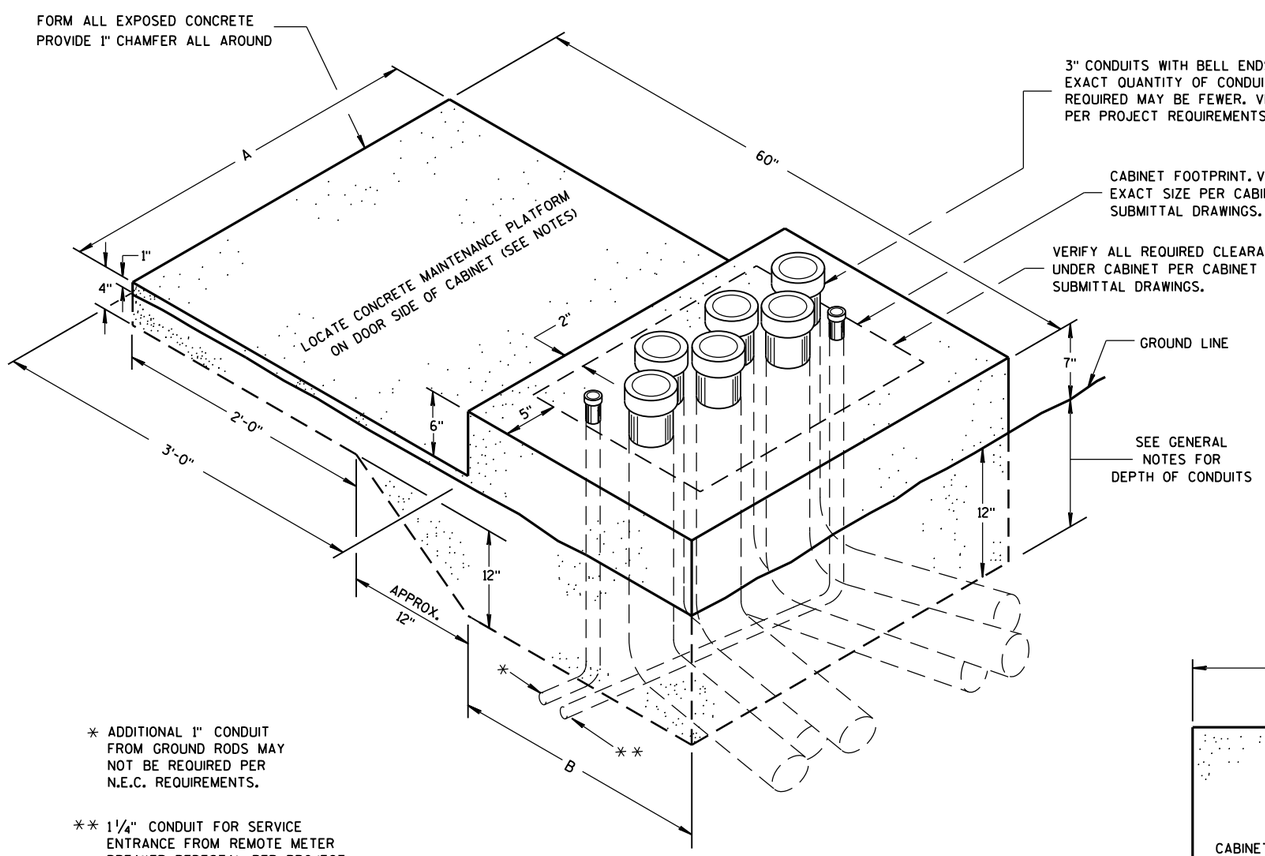
APPROVED
11-26-2013 DATE
/S/ Ahmet Demirbilek STATE ELECTRICAL
FHWA

6

S.D.D. 9 C 13-2

6

S.D.D. 9 C 13-2



* ADDITIONAL 1" CONDUIT FROM GROUND RODS MAY NOT BE REQUIRED PER N.E.C. REQUIREMENTS.

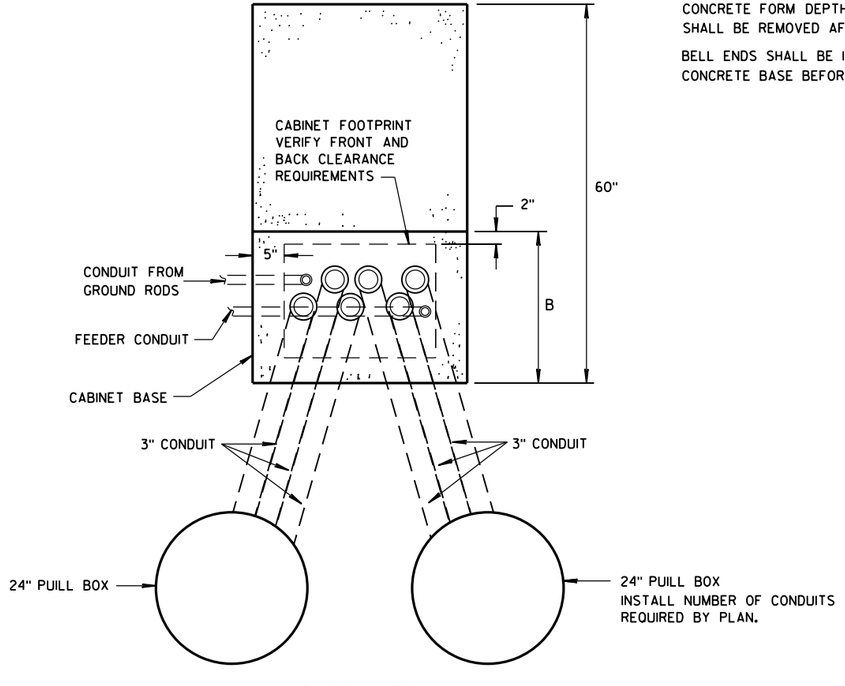
** 1¼" CONDUIT FOR SERVICE ENTRANCE FROM REMOTE METER BREAKER PEDESTAL PER PROJECT REQUIREMENTS. VERIFY LOCATION OF CONDUIT DEPENDENT UPON LOCATION OF INCOMING FEEDER AND FOR EASE OF CONNECTION TO LOAD CENTER.

ISOMETRIC VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

(C.Y. CONCRETE = APPROX. 0.4)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSIONS		MAXIMUM 3" CONDUITS
		A	B	
L24	24"	34"	24"	4
L30	30"	40"	24"	6



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET BASES. THE ANCHORS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

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.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND BE LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

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 BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONDUIT EXITING THE CONCRETE BASE SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

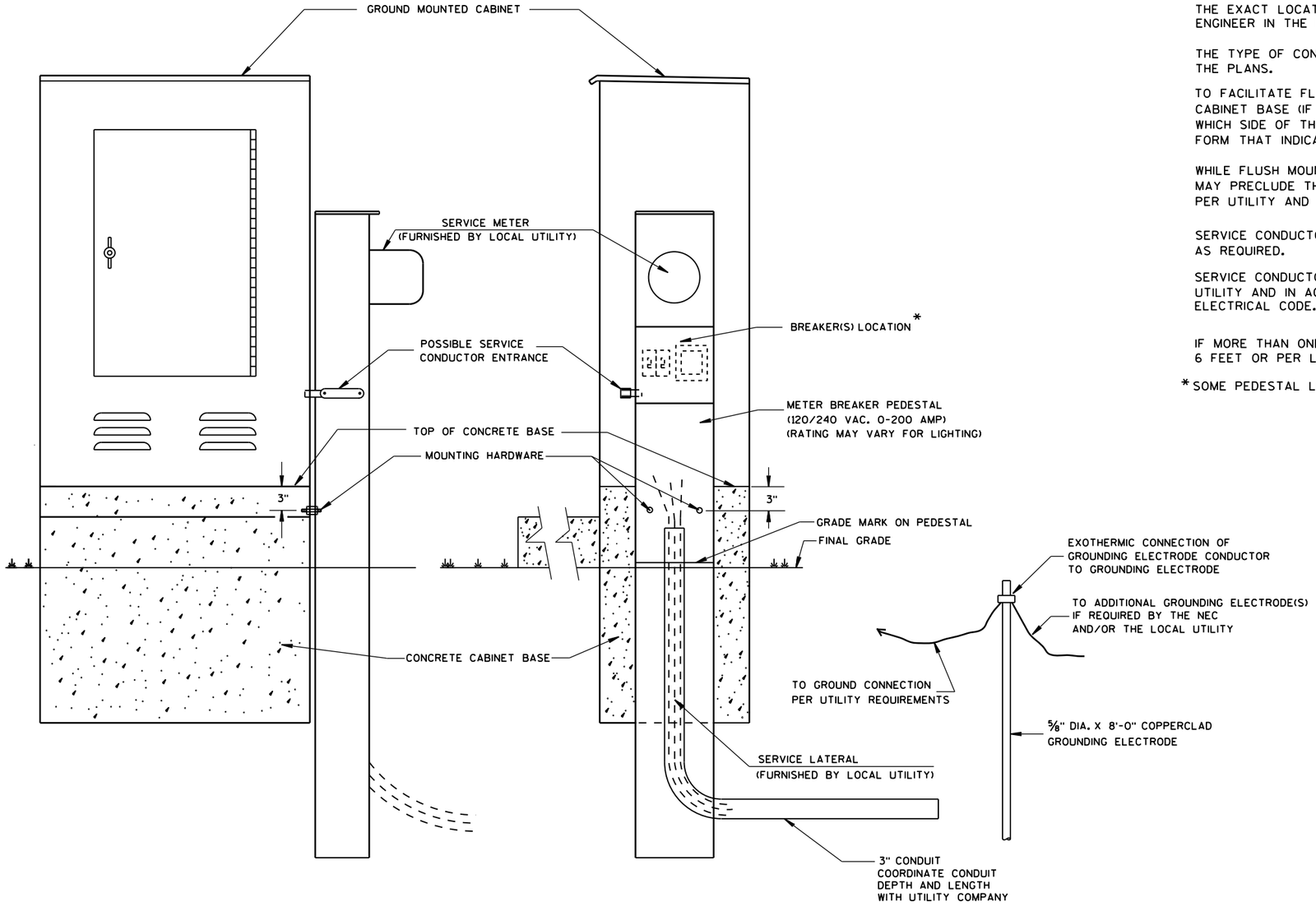
CONCRETE CONTROL CABINET BASE, TYPE L

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Nov. 2014 — DATE
/S/ Thomas Gonring — STATE LIGHTING ENGINE
FHWA

S.D.D. 9 C 14-2

6



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

6

S.D.D. 9 D 1-5

6

S.D.D. 9 D 1-5

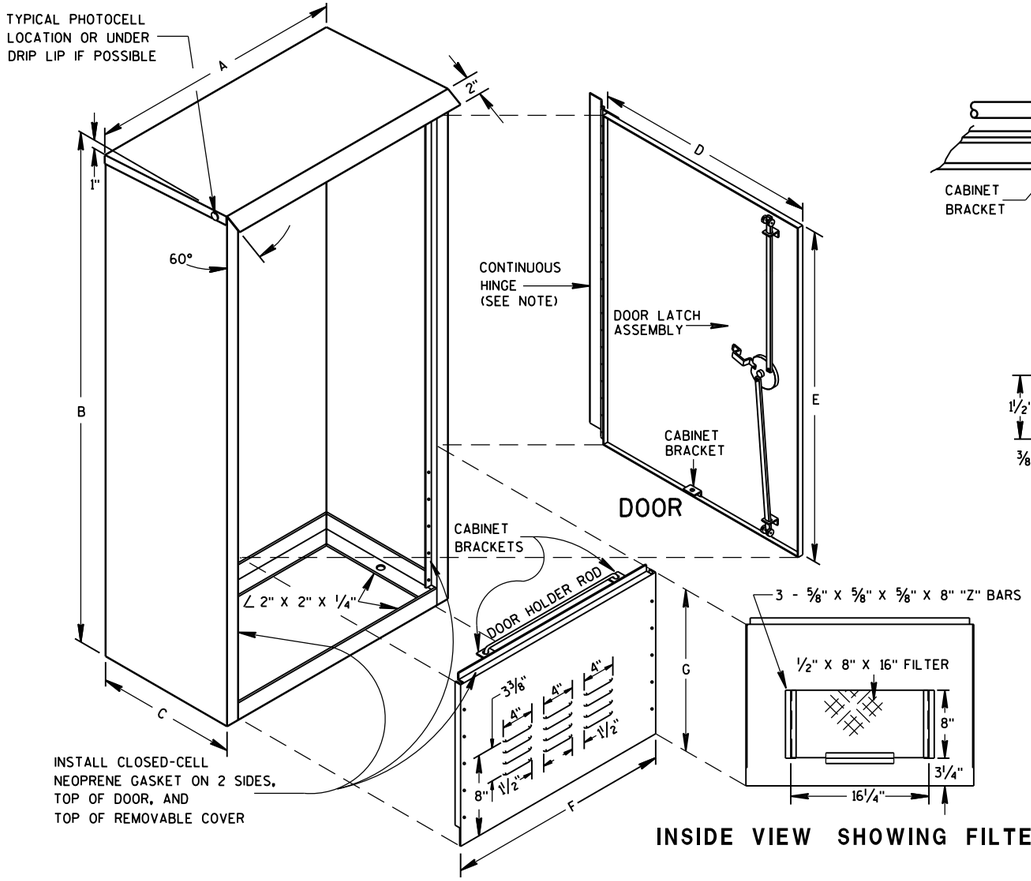
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

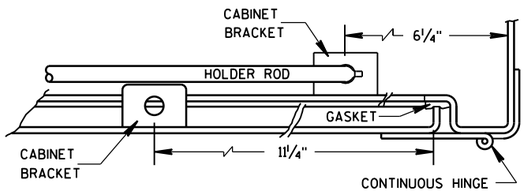
/S/ Ahmet Demirbilek
STATE ELECTRICAL

FHWA

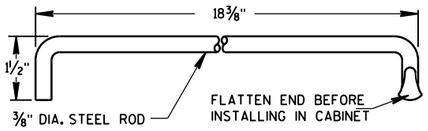


INSIDE VIEW SHOWING FILTER

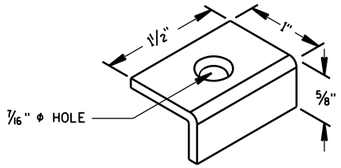
REMOVABLE COVER



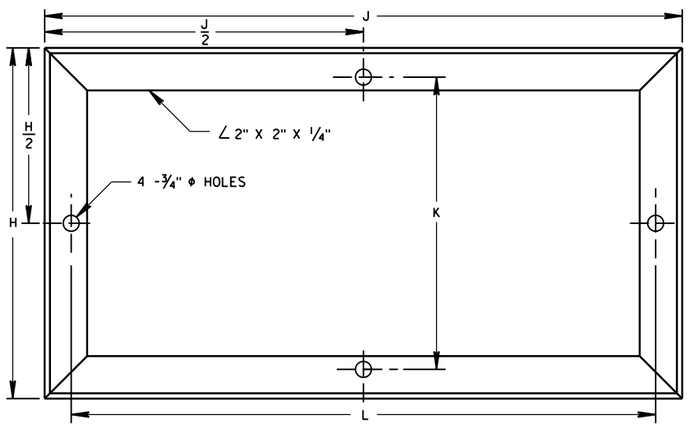
HINGE & DOOR HOLDER



HOLDER ROD



CABINET BRACKET



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 1/2	16 1/2	24
D	26 1/2	34 3/4	33 3/4
E	38 3/4	38 3/4	38 3/4
F	26 1/2	34 3/4	33 3/4
G	19	19	25
H	16 1/2	16 1/2	24
H/2	8 1/4	8 1/4	12
J	30	38	38
J/2	15	19	19
K	13 3/4	13 3/4	21 1/4
L	27 1/2	35 1/2	35 1/2

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.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

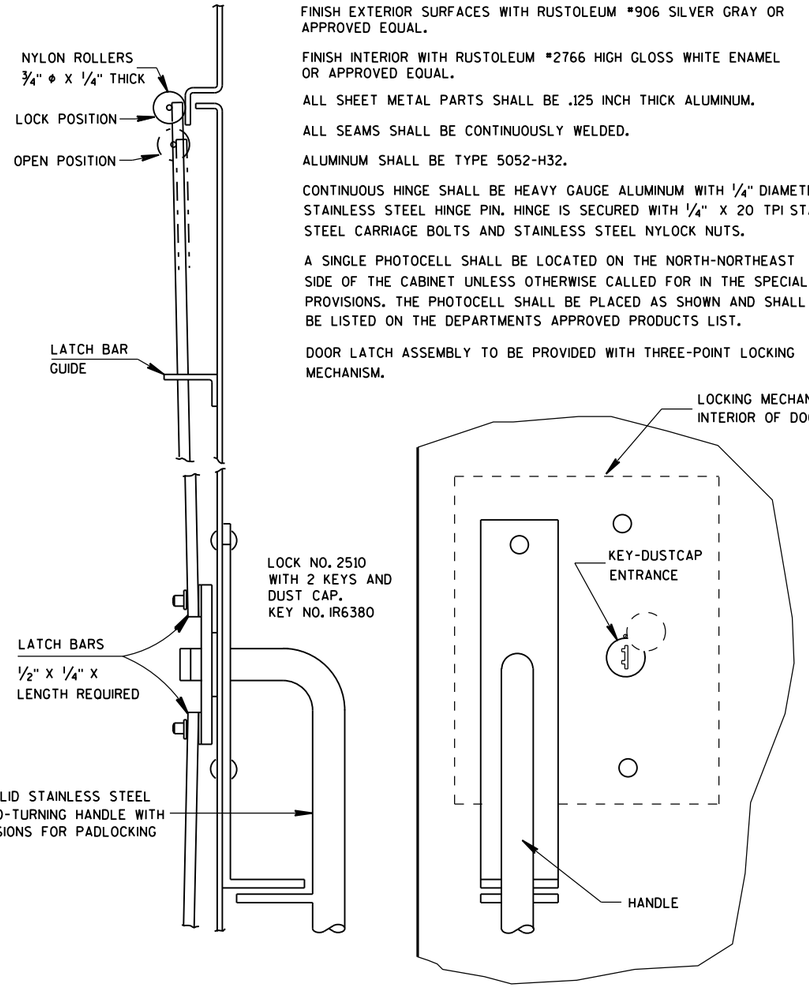
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH 1/4" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH 1/4" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH-NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

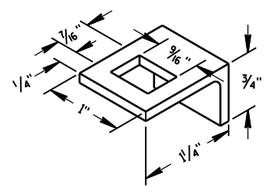
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



SIDE VIEW

FRONT VIEW

LATCH ASSEMBLY



LATCH BAR GUIDE

SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL 297

FHWA

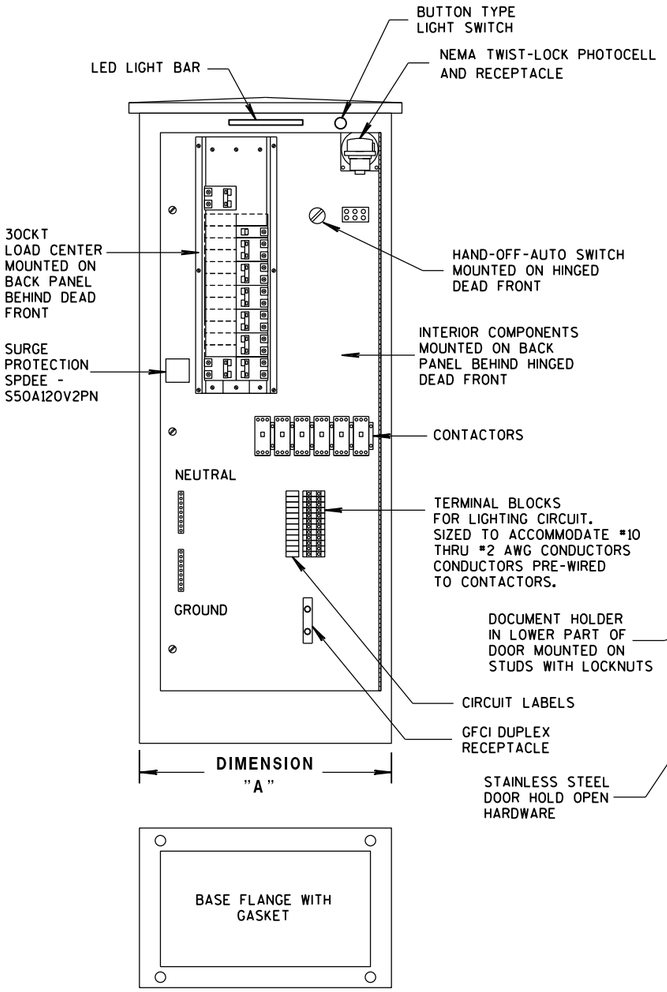
6

S.D.D. 9 D 2-3

6

S.D.D. 9 D 2-3

FRONT INTERIOR ELEVATION



SIDE VIEW

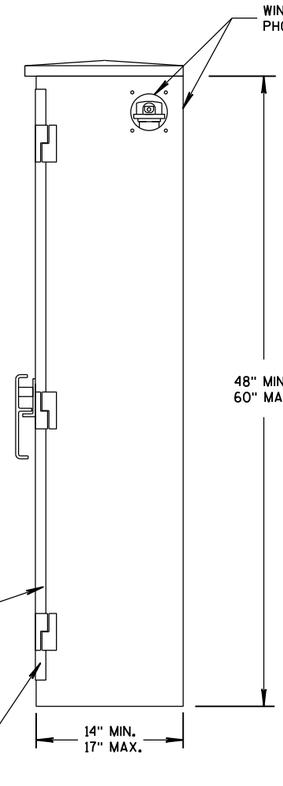
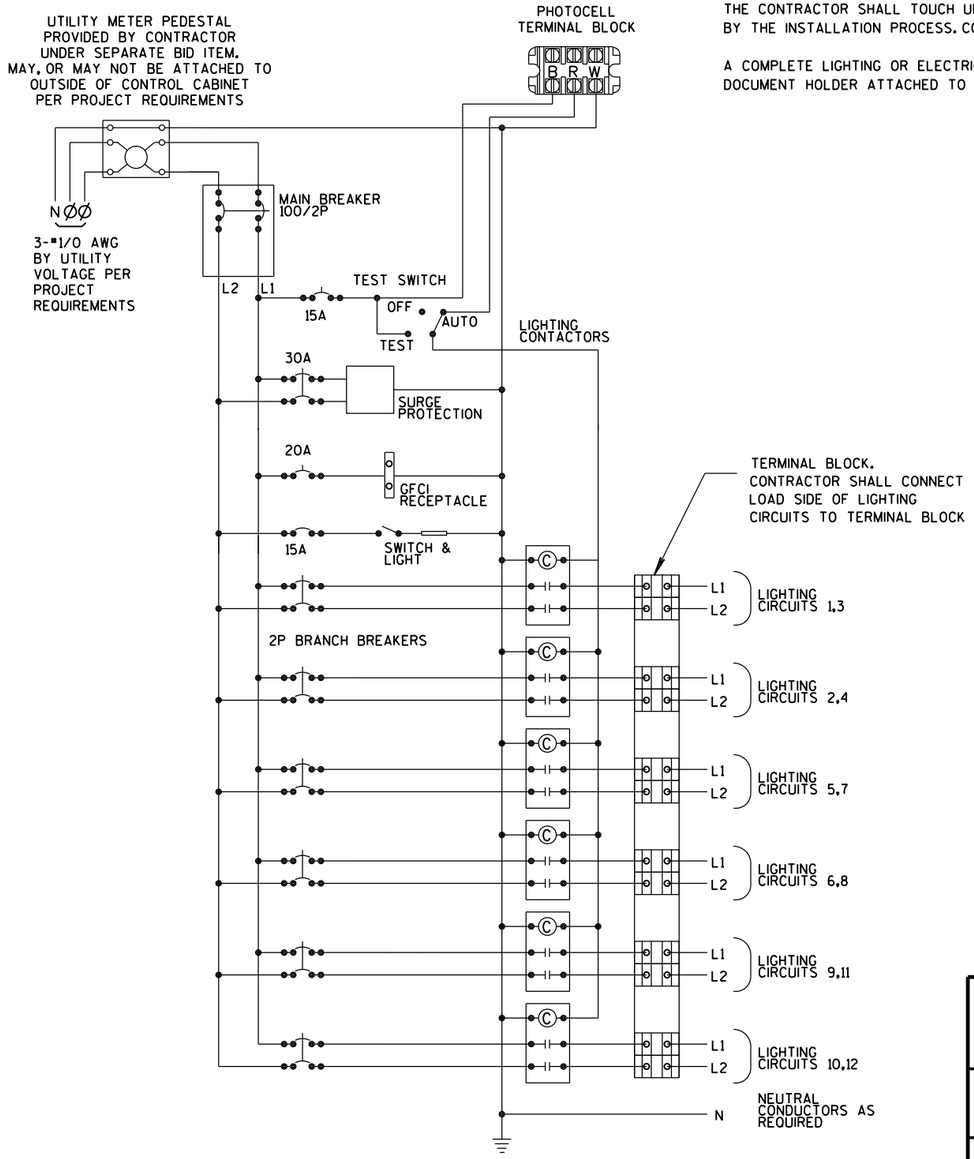


TABLE OF DIMENSIONS (INCHES)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSION "A"
L24	24"	24"
L30	30"	30"

LIGHTING CONTROL CABINET



CONTROL CABINET SCHEMATIC

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.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE-WIRED BY THE CABINET FABRICATOR.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET 120/240 VOLT

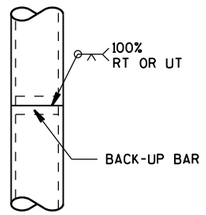
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Thomas Gonring — STATE LIGHTING ENGINEER
FHWA

6
S.D.D. 9 D 4-2

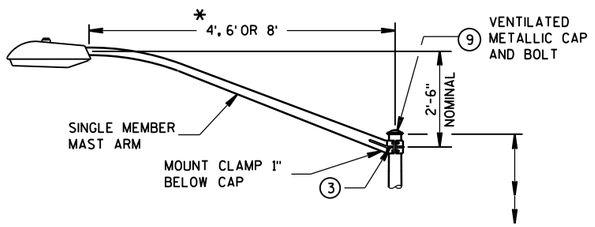
FOR MANUFACTURERS USE ONLY

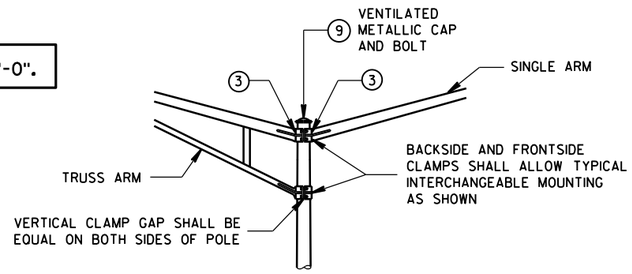
WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN/BRIDGE FOR VERIFICATION AND APPROVAL.



POLE SPLICE DETAIL

* RISE FOR 4' ARM SHALL BE 2'-0".

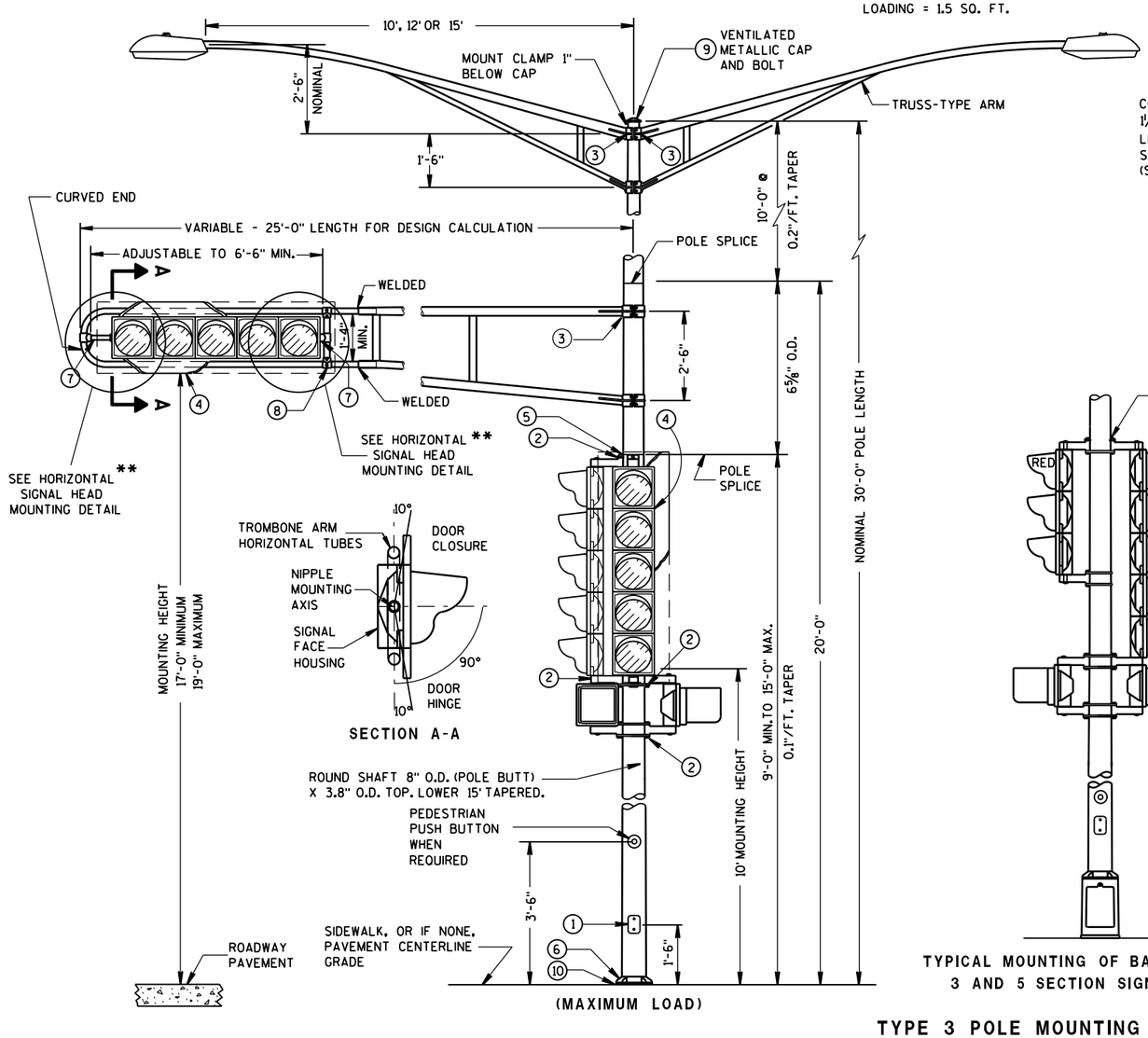


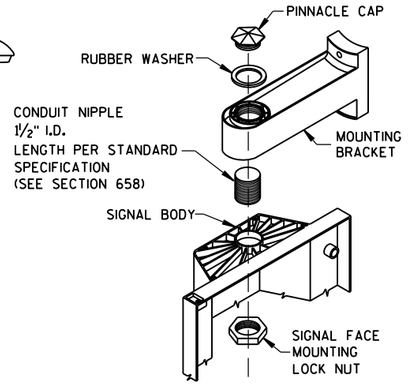


INTERCHANGEABLE MOUNTING DETAIL

LUMINAIRE

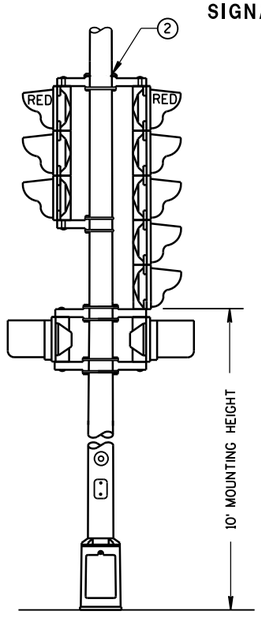
WT. - 50 LBS.
EFFECTIVE PROJECTED
AREA FOR WIND
LOADING = 1.5 SQ. FT.



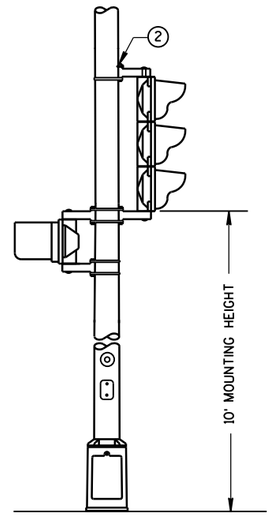


SIGNAL FACE MOUNTING DETAIL

(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 3 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE/ROPE IN ACCORDANCE WITH STANDARD SPECIFICATION 652, SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

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 MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS 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) SIGNAL FACE MOUNTING BRACKETS, MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658)

(3) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) TYPE 3 POLE CONFIGURATIONS SHALL BE MOUNTED DIRECTLY TO THEIR CONCRETE BASES.

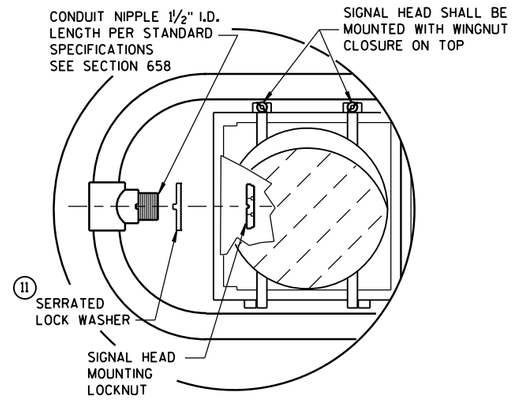
(7) MOUNTING BRACKET NIPPLES FOR THE SIGNAL FACE(S) SHALL BE 2 INCHES IN LENGTH AND 1½ INCHES IN DIAMETER. (SEE STANDARD SPECIFICATION - SECTION 658)

(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (1/4 " X ¾" -20 TPI, STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.



HORIZONTAL SIGNAL HEAD MOUNTING DETAIL **

** SIGNAL HEAD ATTACHMENT ALSO APPLYS TO MOUNTING AT CROSS BAR

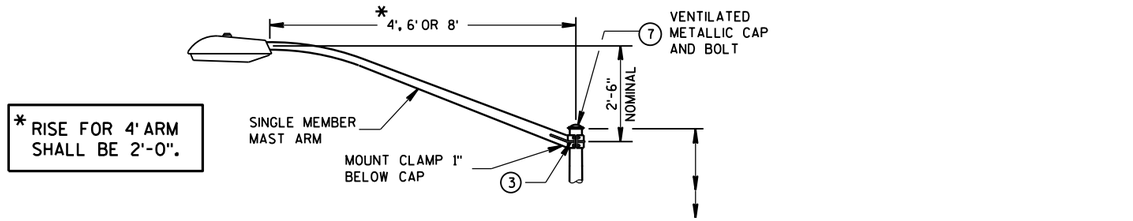
TYPE 3 POLE MOUNTING CONFIGURATION

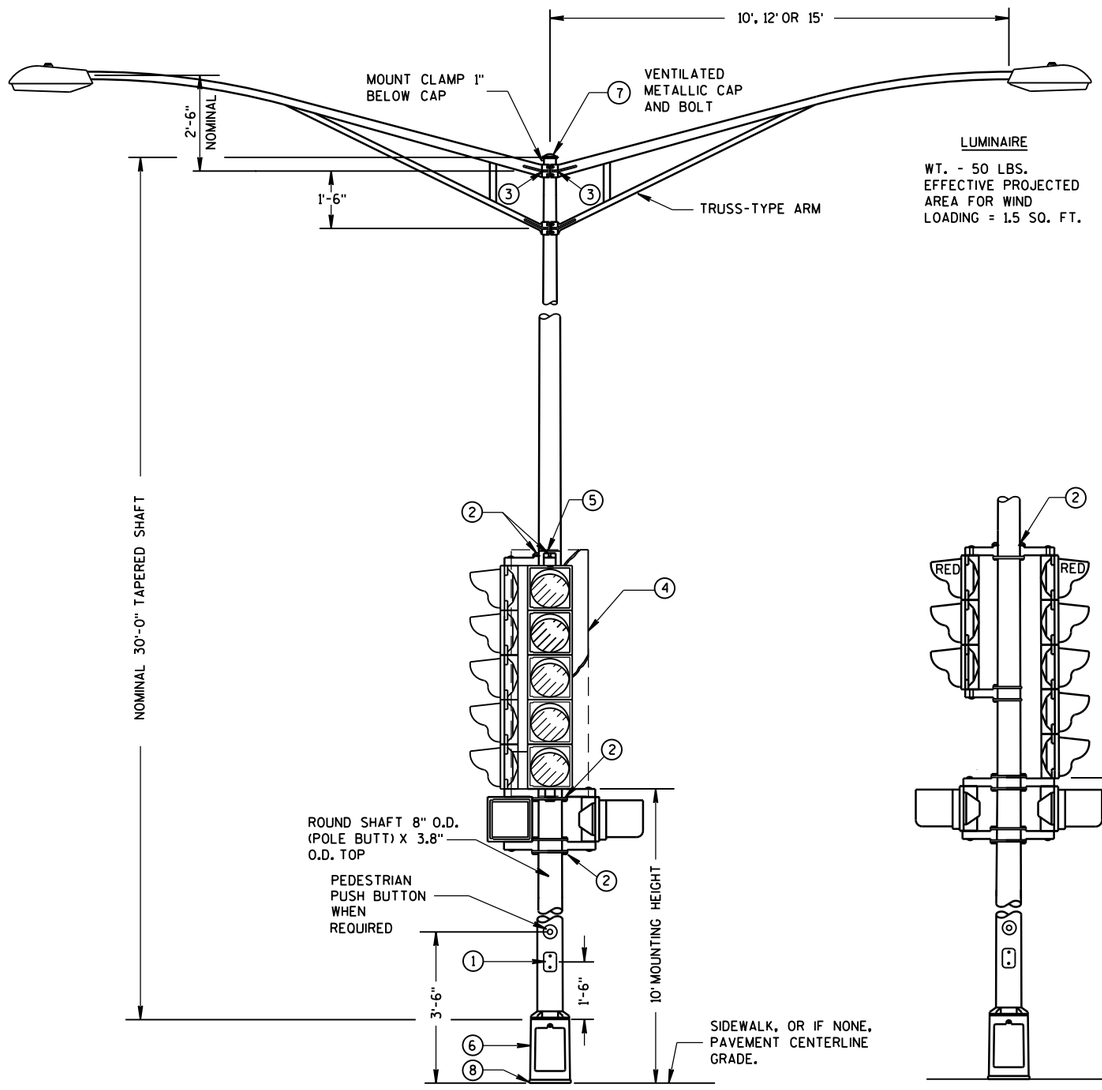
POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 3 (HEAVY DUTY)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 9 E 1-14b

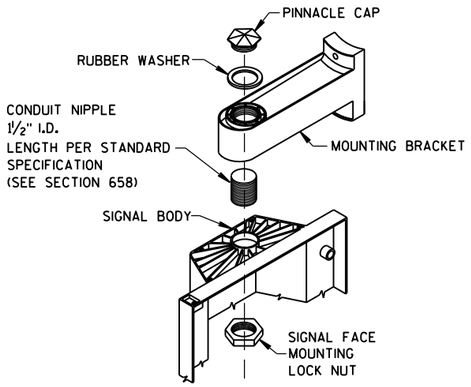




LUMINAIRE

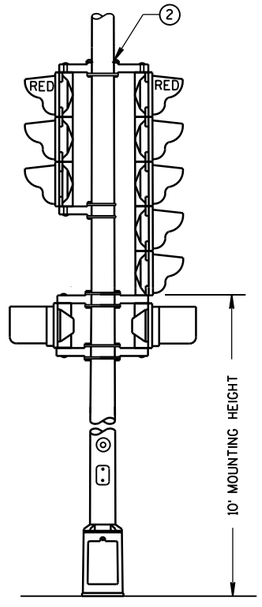
WT. - 50 LBS.
EFFECTIVE PROJECTED AREA FOR WIND LOADING = 1.5 SQ. FT.

(MAXIMUM LOAD)

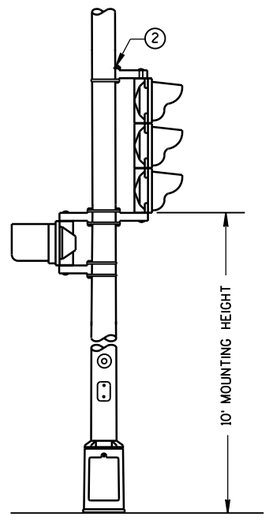


SIGNAL FACE MOUNTING DETAIL

(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

TYPE 4 POLE MOUNTING CONFIGURATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 4 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL WITH A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

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 MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, CONNECTIONS 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) SIGNAL FACE MOUNTING BRACKETS, MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658).

(3) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.

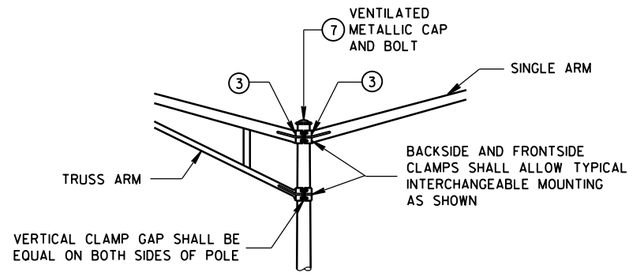
(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(7) FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(8) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.



INTERCHANGEABLE MOUNTING DETAIL

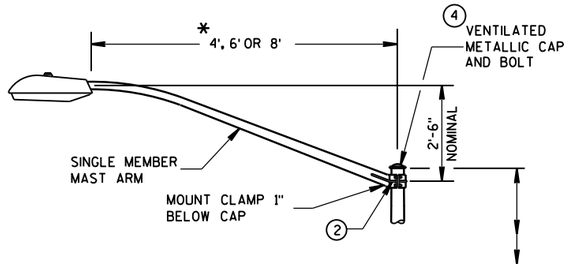
POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4

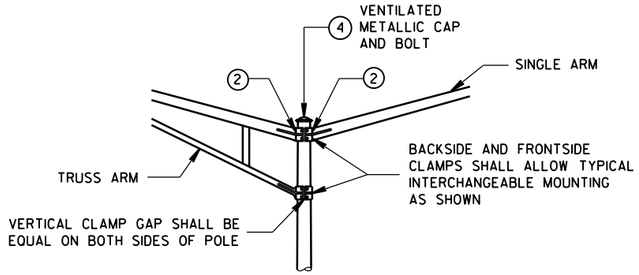
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

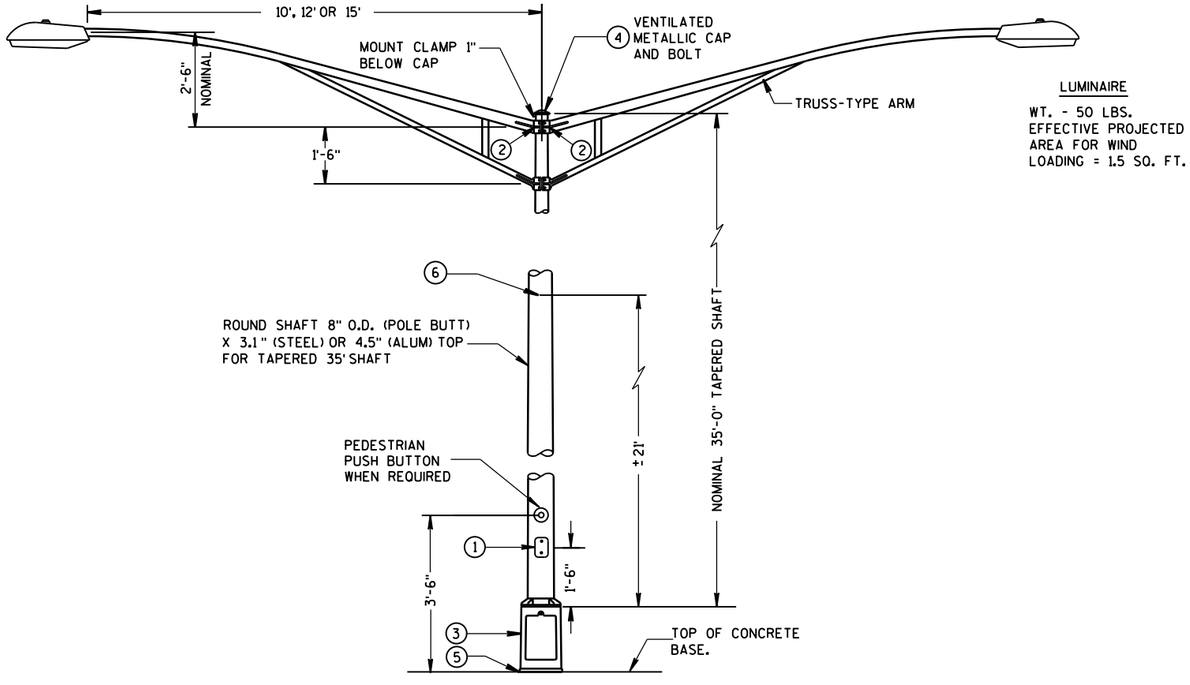
S.D.D. 9 E 1-14c

* RISE FOR 4' ARM SHALL BE 2'-0".





INTERCHANGEABLE MOUNTING DETAIL



TYPE 6 POLE MOUNTING CONFIGURATION

(MAXIMUM LOAD)

LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM ~~TO THE PERTINENT~~ REQUIREMENTS OF THE CONTRACT.

ALL TYPE 6 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE EITHER GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 6 ALUMINUM POLES, SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE TYPE 6 ALUMINUM POLES SHALL HAVE MINIMUM WALL THICKNESS OF 0.219".

TYPE 6 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 CONNECTIONS 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.

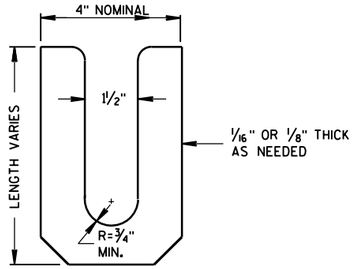
(6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 6 (35 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

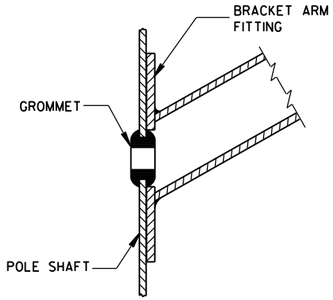
6

S.D.D. 9 E 1-14e

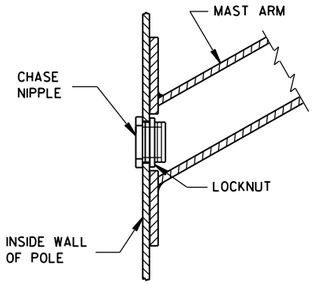


LEVELING SHIM (13)

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.

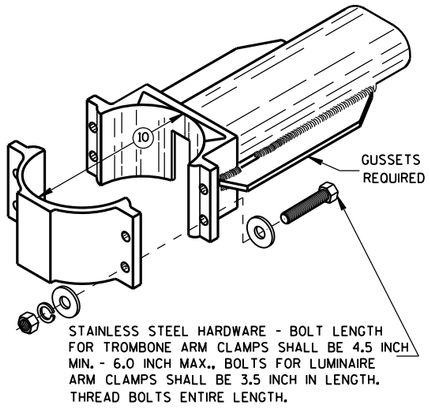
(10) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP.
6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(11) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

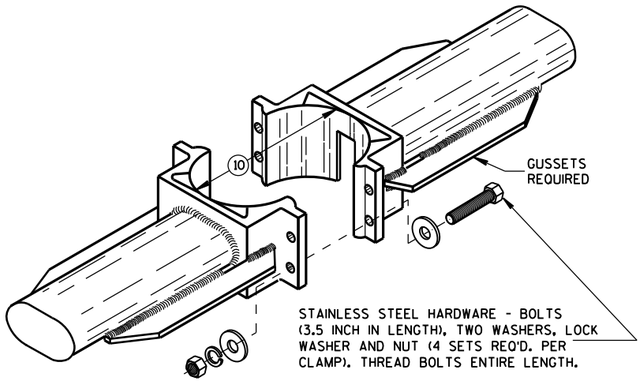
(12) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(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.

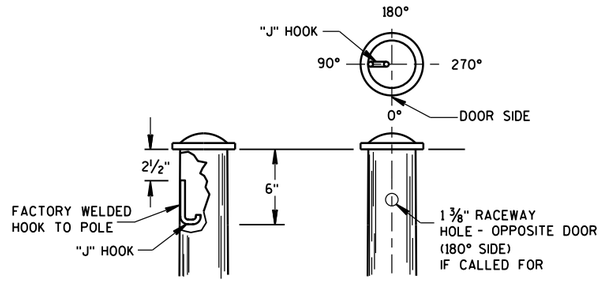
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



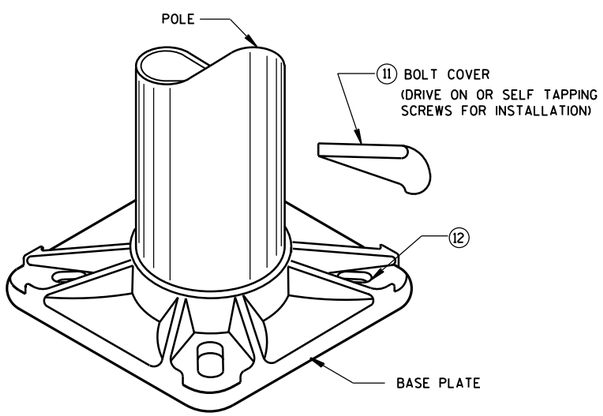
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



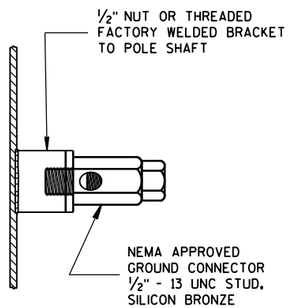
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

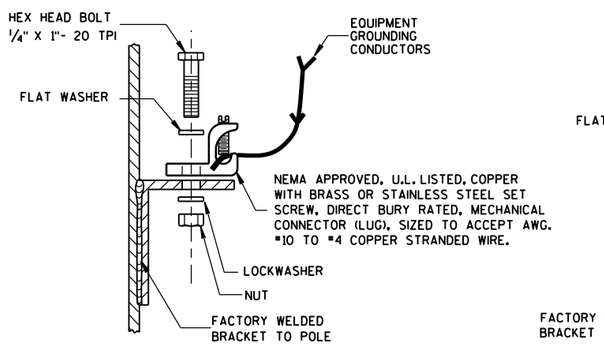


TYPICAL "J" HOOK LOCATION



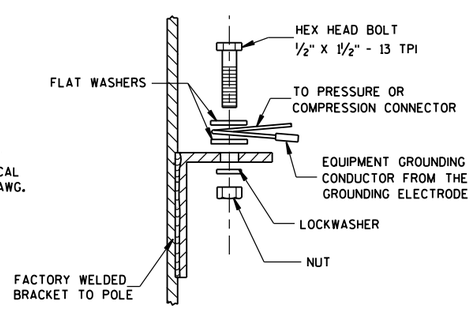
BASE PLATE





TYPICAL GROUNDING CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



HARDWARE DETAILS FOR POLE MOUNTINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

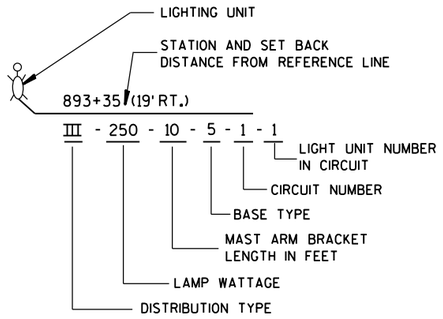
APPROVED
Feb. 2015
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

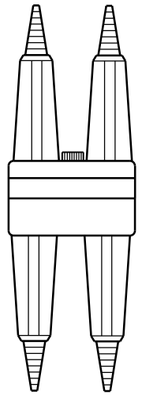
FHWA

6

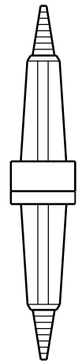
S.D.D. 9 E 1-14g



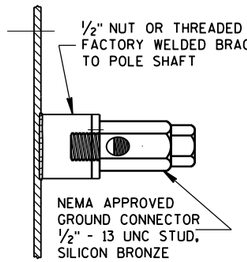
LIGHTING UNIT CODE
(TYPICAL)

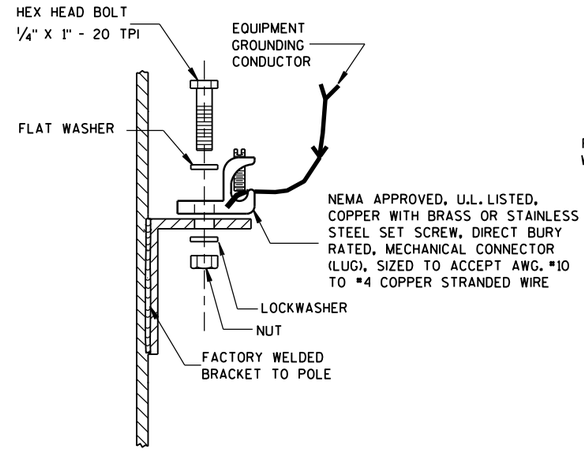


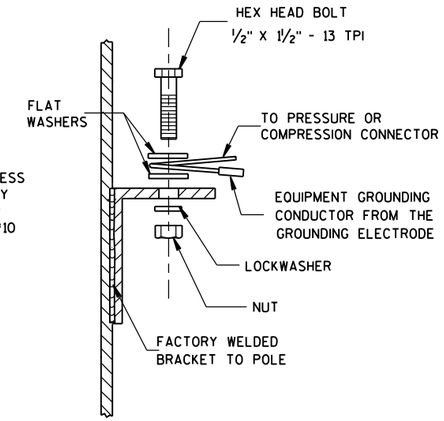
DETAIL "A"
BREAKAWY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



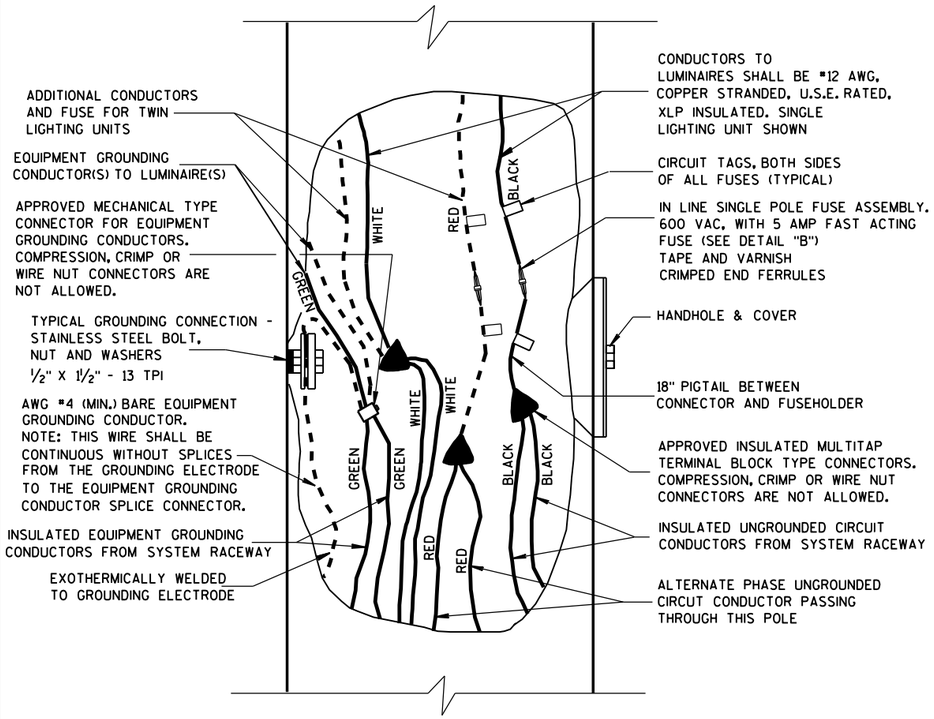
DETAIL "B"
BREAKAWY SINGLE POLE WITH WATERPROOF INSULATING BOOT



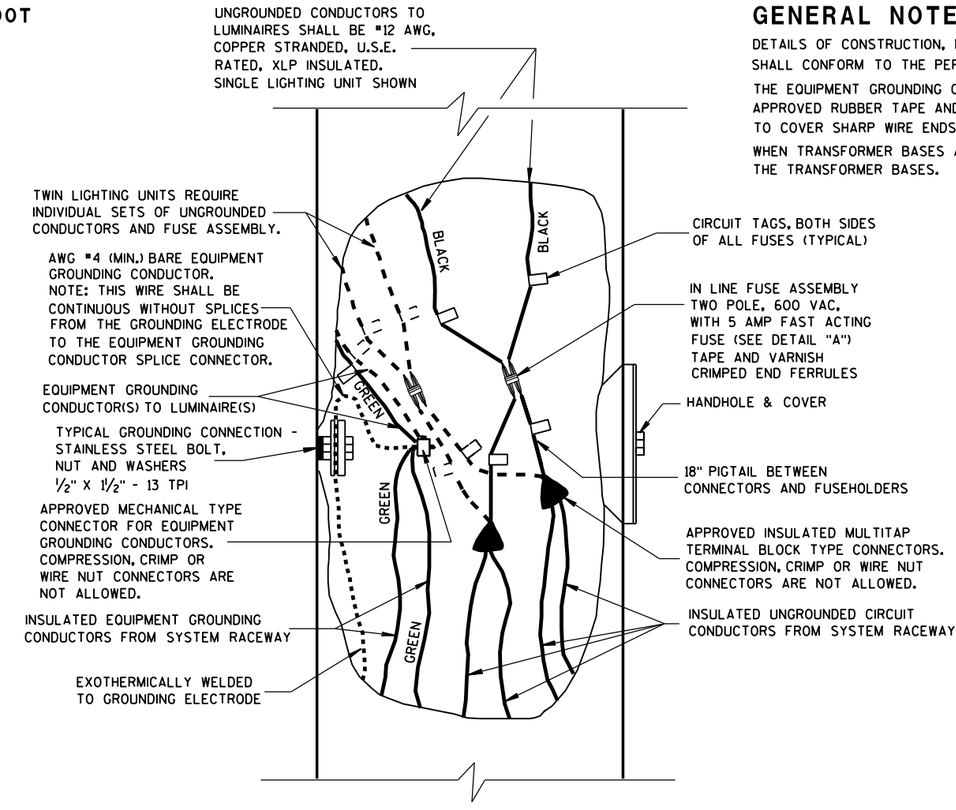




TYPICAL GROUNDING CONNECTIONS
NUT, BOLT, WASHERS AND LOCKWASHERS SHALL BE STAINLESS STEEL



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.

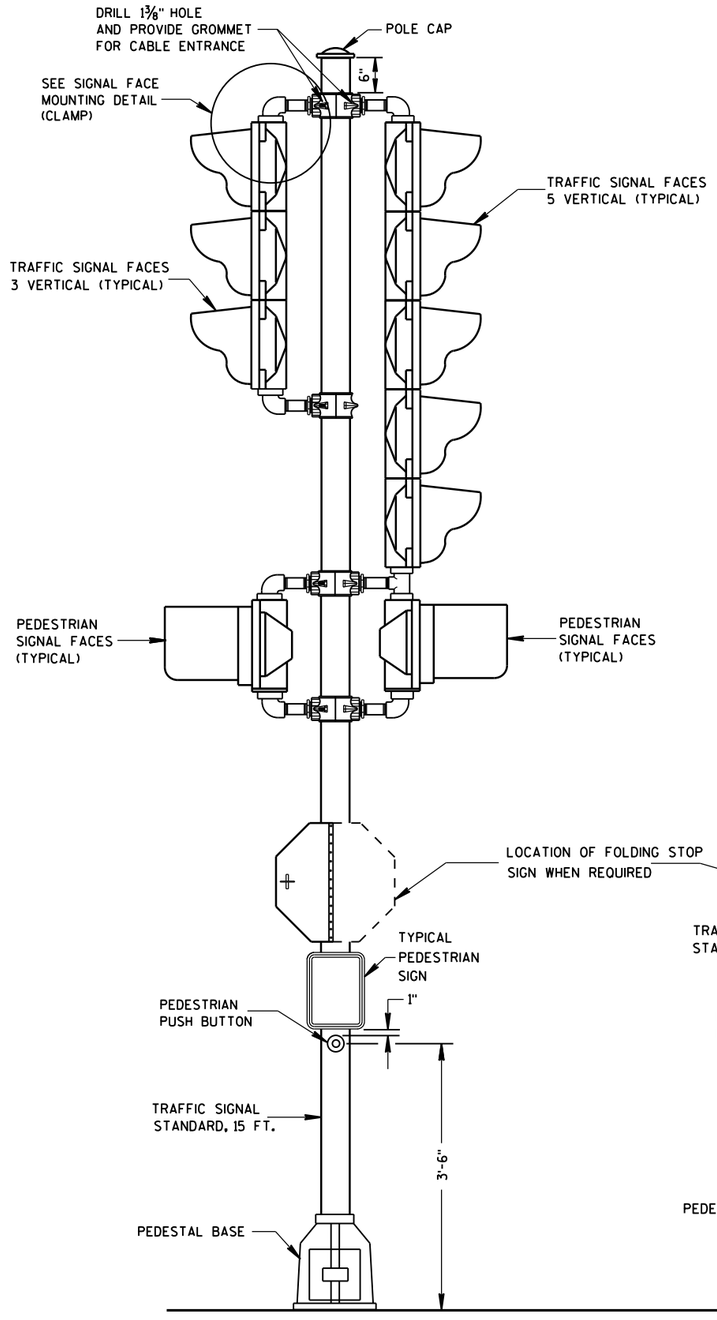
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

NON-FREEWAY LIGHTING UNIT POLE WIRING

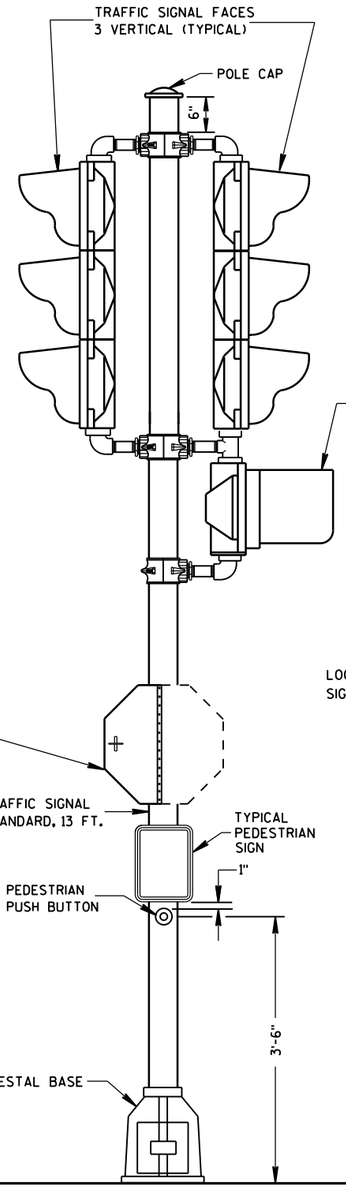
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

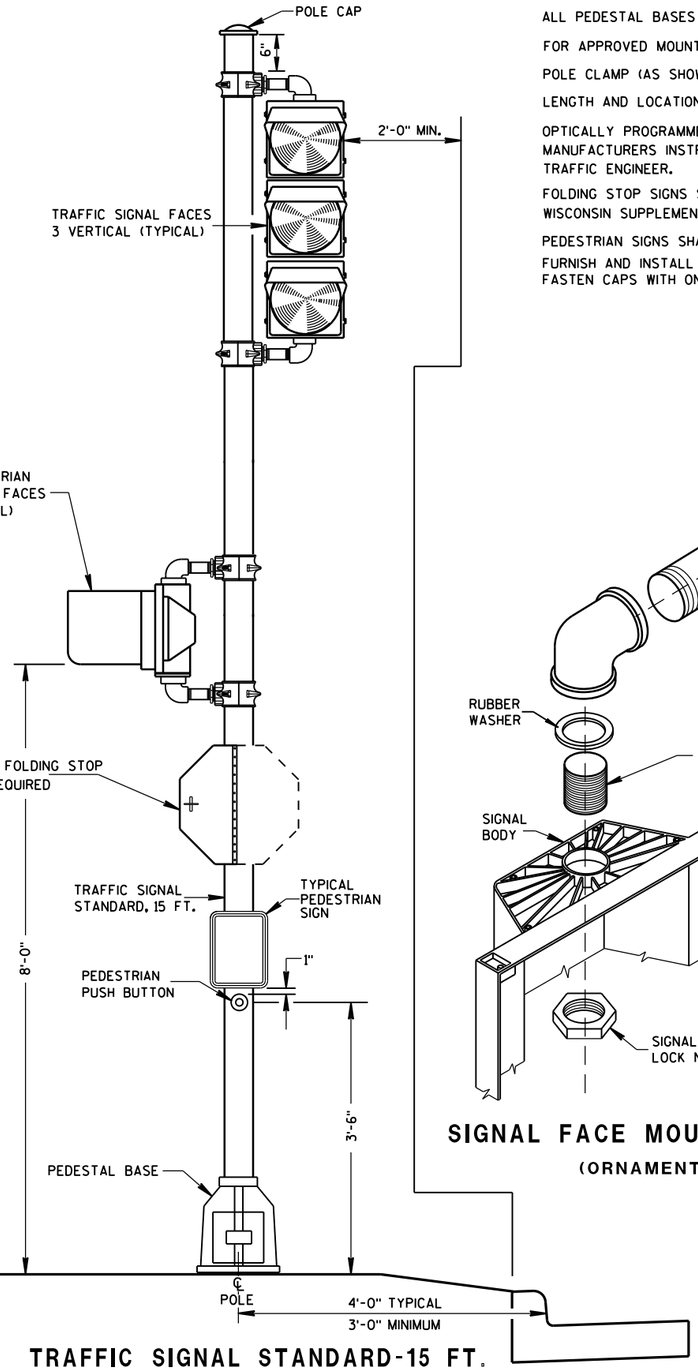
6
S.D.D. 9 E 3-5



TRAFFIC SIGNAL STANDARD-15 FT.



TRAFFIC SIGNAL STANDARD-13 FT.



TRAFFIC SIGNAL STANDARD-15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLE CLAMP (AS SHOWN) MOUNTING BRACKETS SHALL BE USED.

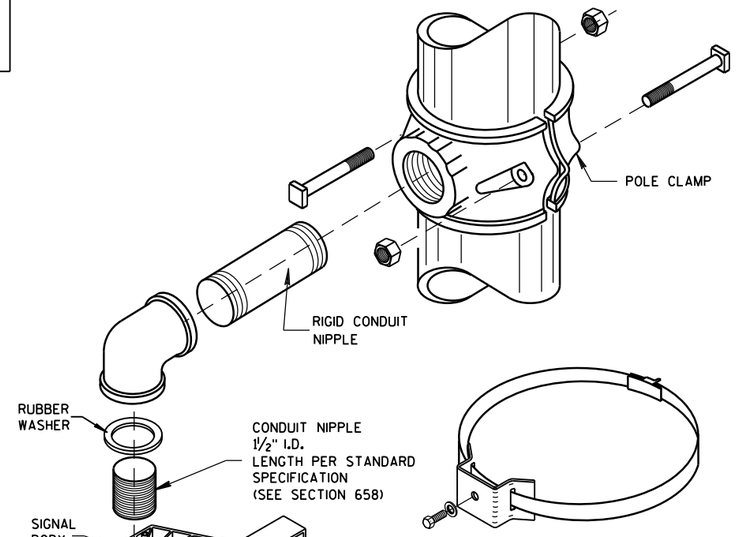
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

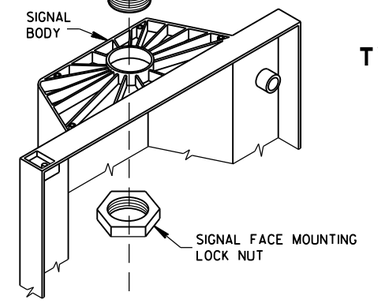
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL
(ORNAMENTAL)

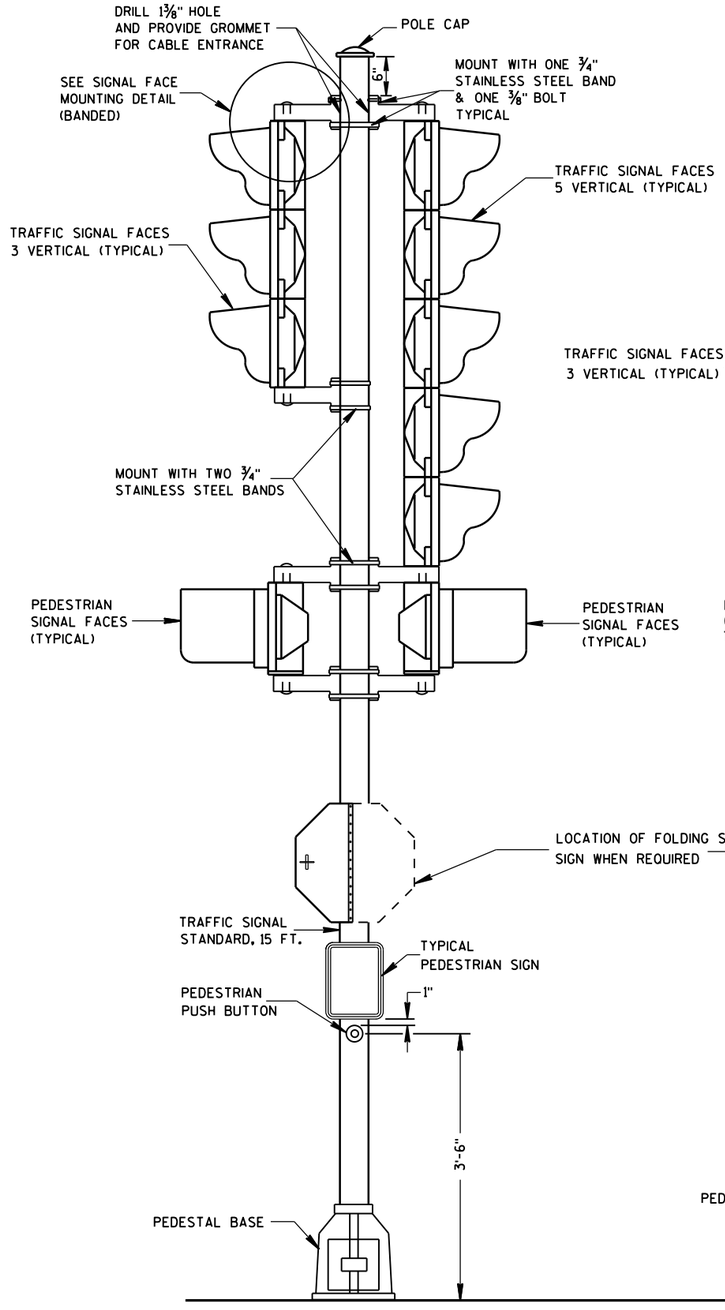
TRAFFIC SIGNAL STANDARD
ORNAMENTAL BRACKET MOUNTINGS
TYPICAL FOR 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

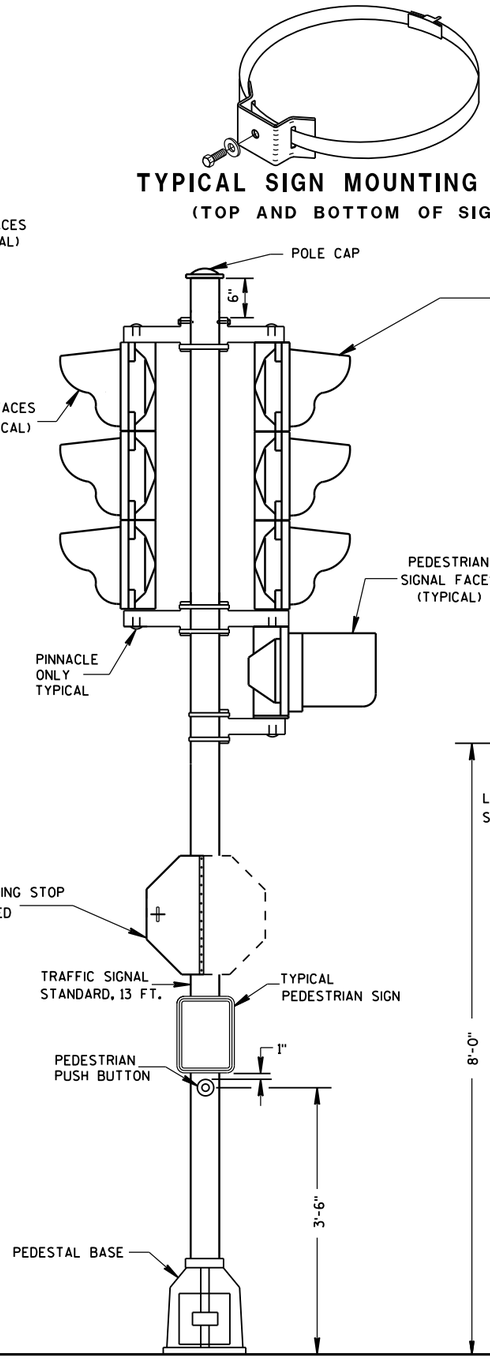
APPROVED
2/28/2013
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL
FHWA

S.D.D. 9 E 5-6

6
S.D.D. 9 E 5-6

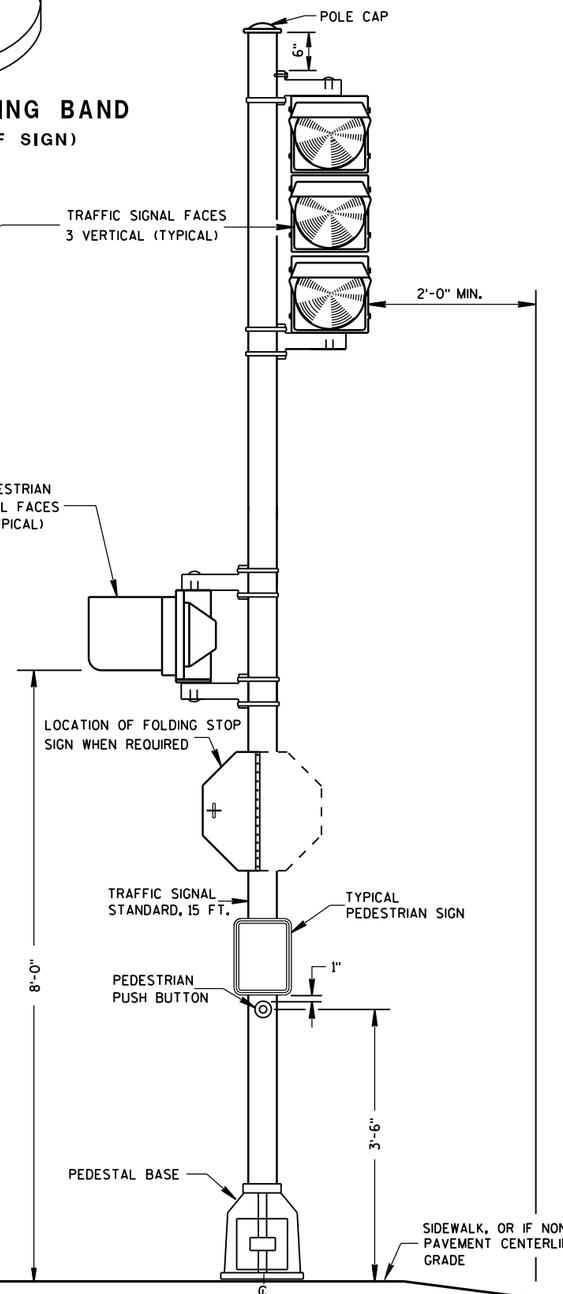


TRAFFIC SIGNAL STANDARD-15 FT.



TRAFFIC SIGNAL STANDARD-13 FT.

TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



TRAFFIC SIGNAL STANDARD-15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

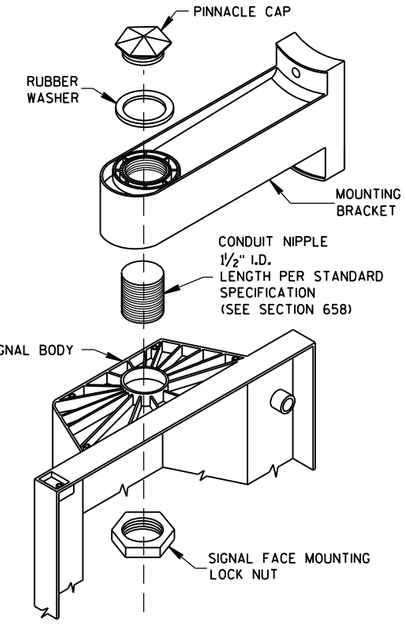
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



SIGNAL FACE MOUNTING DETAIL
(BANDED)

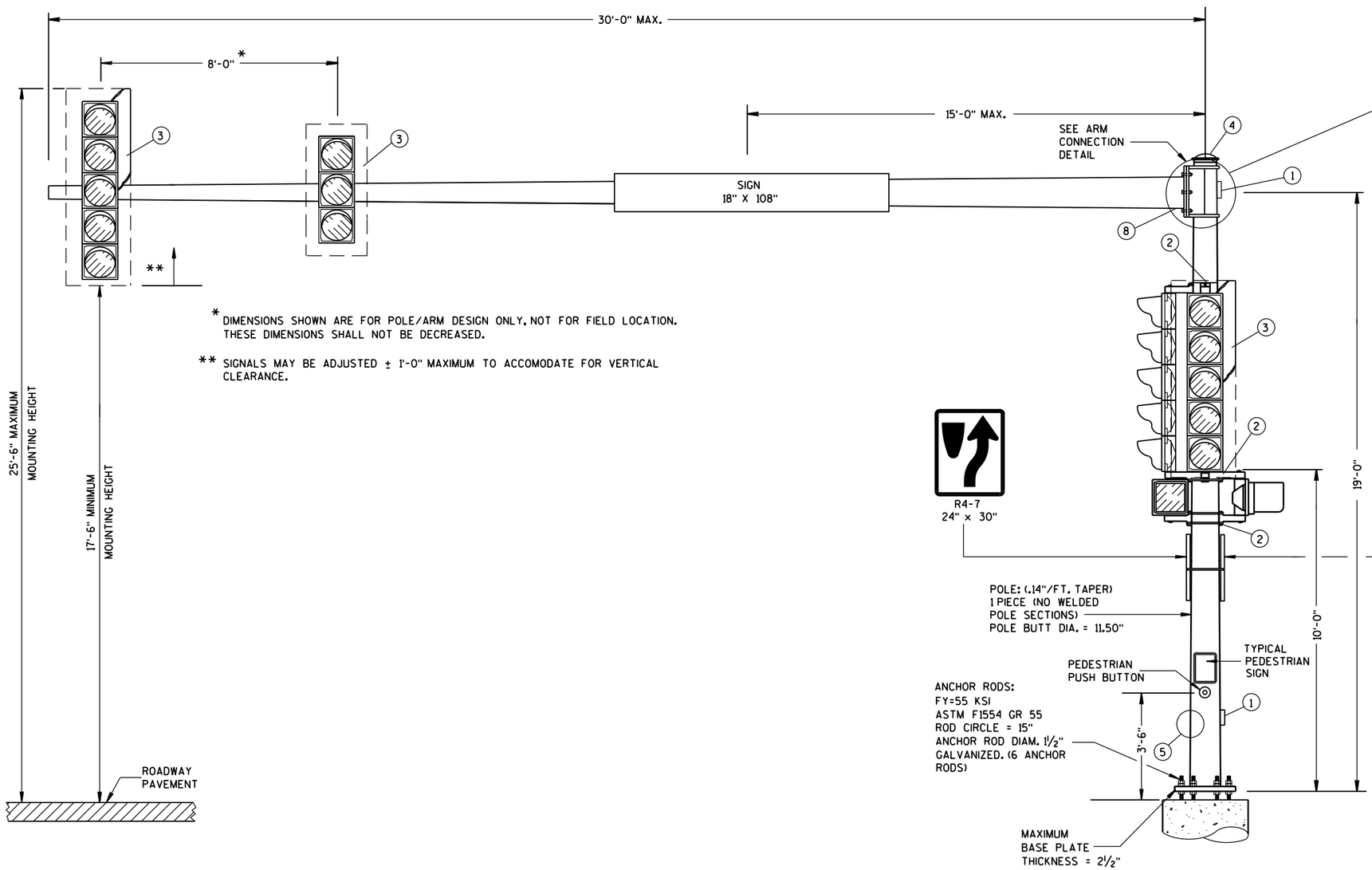
TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/28/2013 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

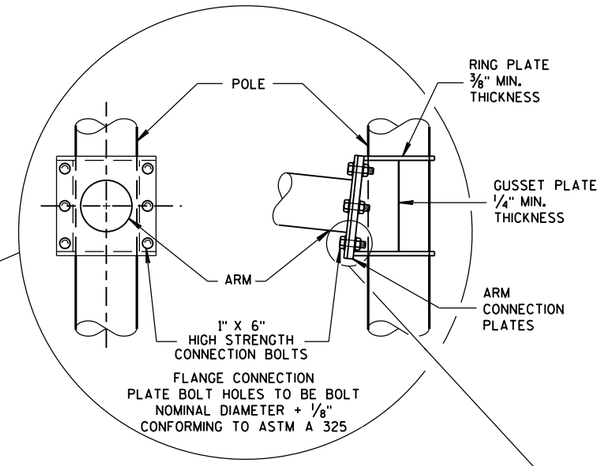
6

S.D.D. 9 E 6-5

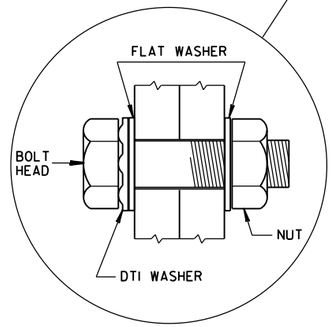


* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

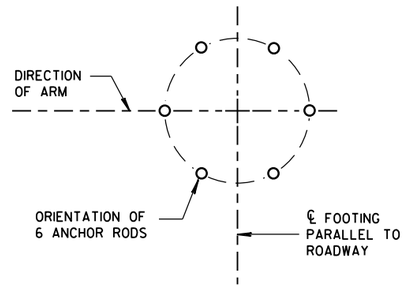
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

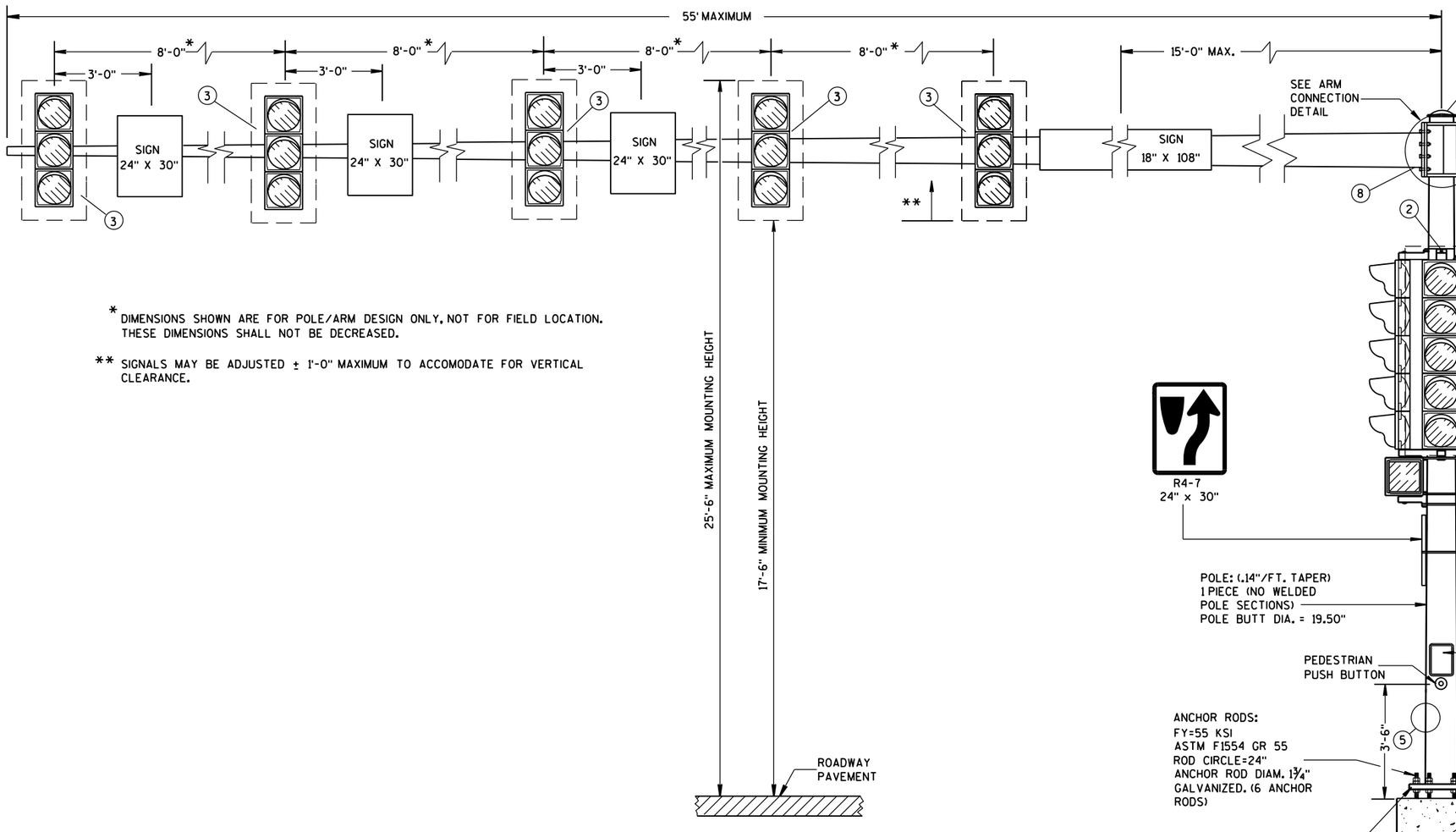
TYPE 9 POLE 15'- 30' MONOTUBE ARM

TYPE 9 POLE 15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

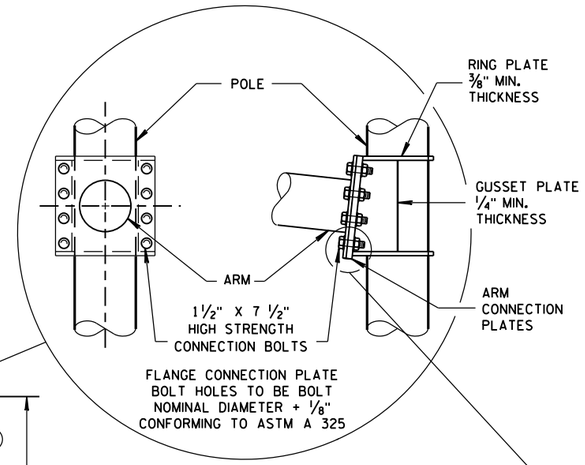
APPROVED
May, 2016 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

S.D.D. 9 E 8-8a
6

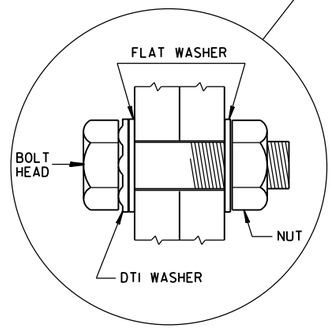


* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

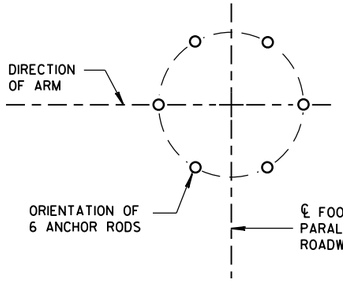
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



8 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL



ANCHOR ROD LOCATION

(MAXIMUM LOAD)

TYPE 12 POLE 35'- 55' MONOTUBE ARM

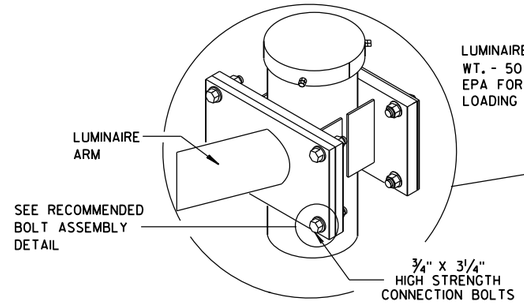
TYPE 12 POLE
35' - 55' MONOTUBE ARM

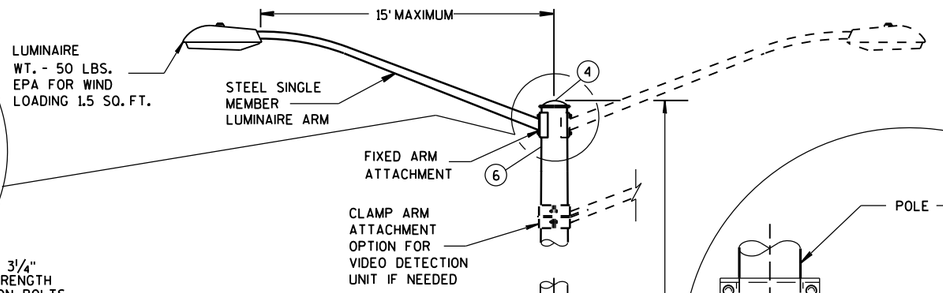
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

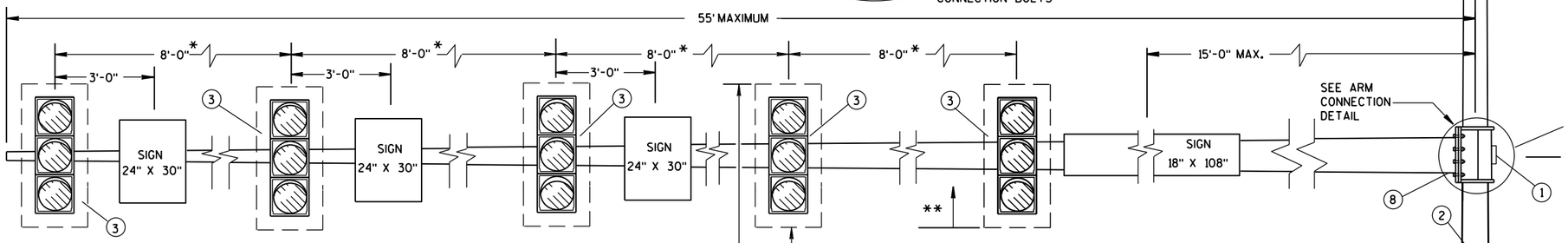
APPROVED
May, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 307
FHWA

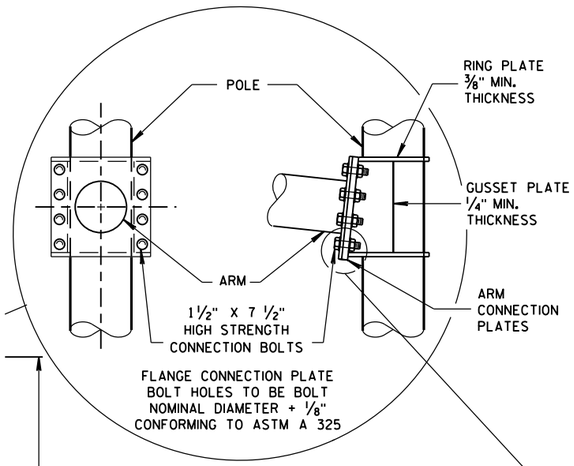
6

S.D.D. 9 E 8-8c





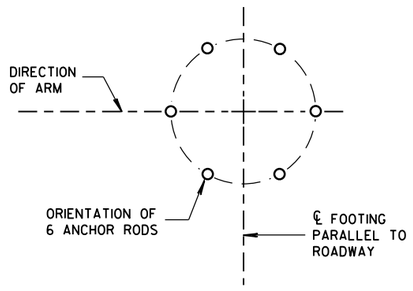




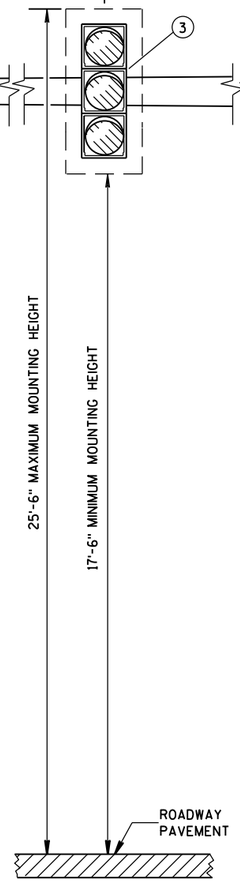
8 BOLT ARM CONNECTION DETAIL

* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

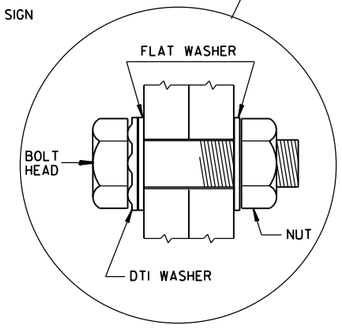
** SIGNALS MAY BE ADJUSTED ± 1'-0" MAXIMUM TO ACCOMODATE FOR VERTICAL CLEARANCE.



ANCHOR ROD LOCATION



(MAXIMUM LOAD)



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 13 POLE 35'- 55' MONOTUBE ARM

TYPE 13 POLE 35' - 55' MONOTUBE ARM	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2016 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL
FHWA	

6
S.D.D. 9 E 8-8d

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.

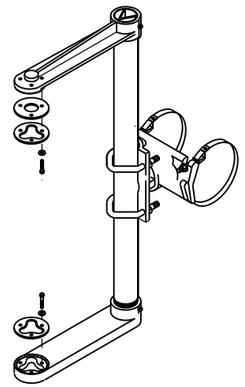
(6) FACTORY-WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

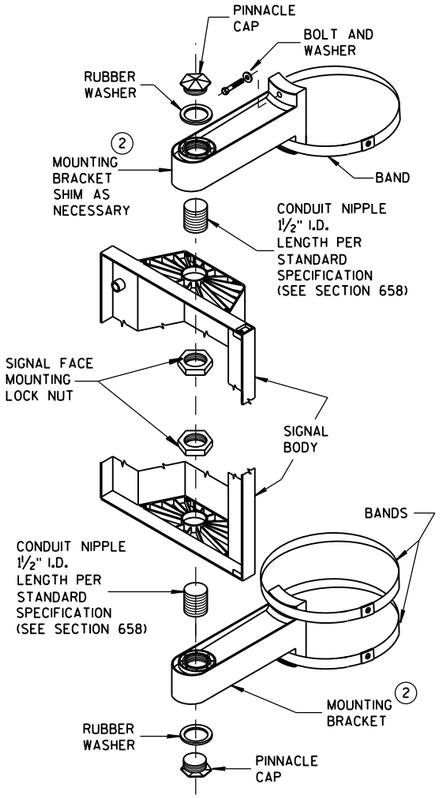
MOUNTING HEIGHT SHALL BE 6'-0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

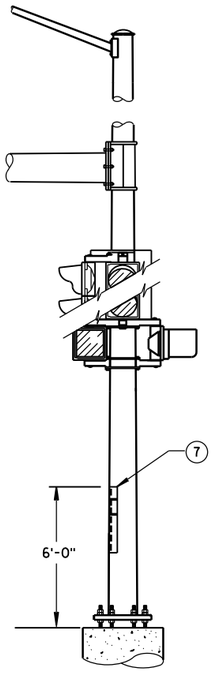


SIGNAL FACE MOUNTING BRACKET
DETAIL FOR MONOTUBE ARM

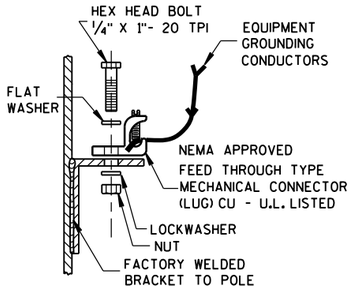
(MOUNT PER MANUFACTURER'S RECOMMENDATION)



SIGNAL FACE
VERTICAL MOUNTING DETAIL

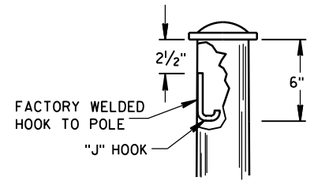


STRUCTURAL IDENTIFICATION
PLAQUE PLACEMENT



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

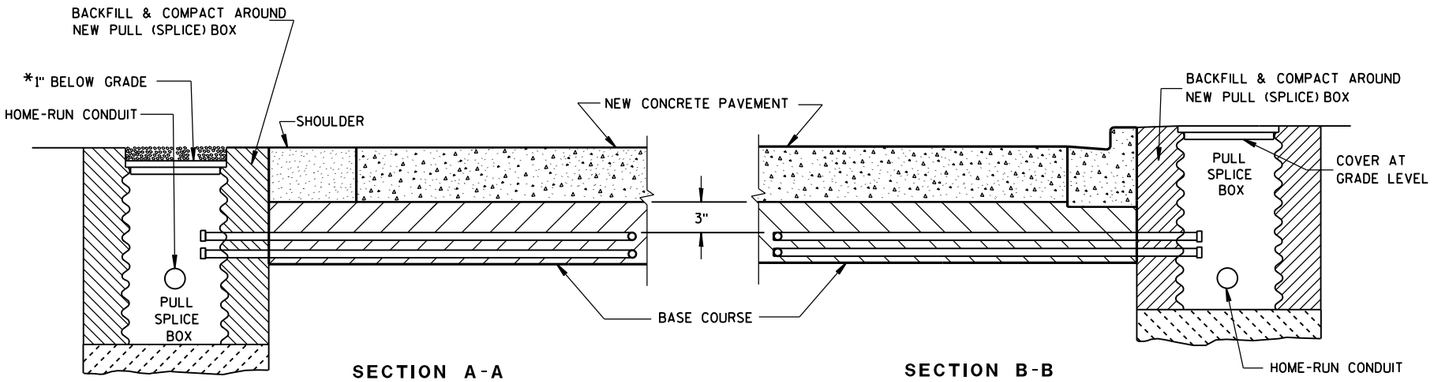
APPROVED
May 2016
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

FHWA

6

S.D.D. 9 E 8-8e



SECTION A-A
NO CURB & GUTTER

SECTION B-B
CURB & GUTTER

*RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

LOOP SIZE, CONFIGURATION LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

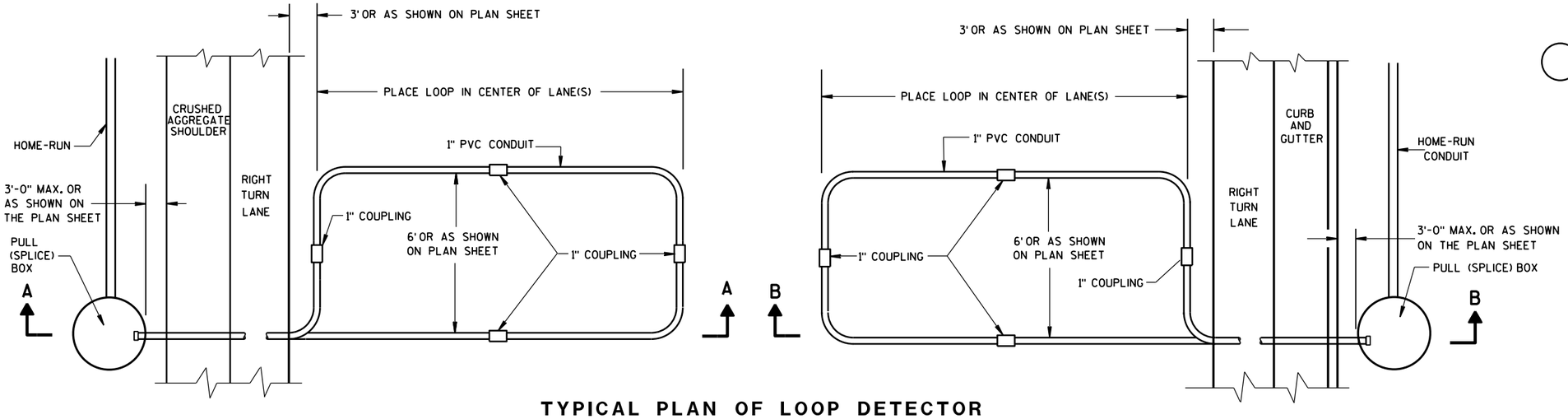
THE #12 AWG. LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

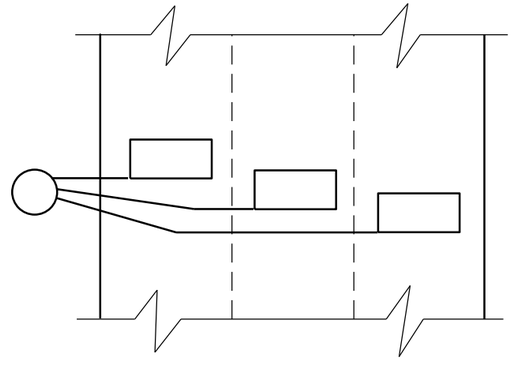
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE, NON-SPLICED CONTINUOUS LENGTH.

PROTECTION OF THE CONDUITS IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.

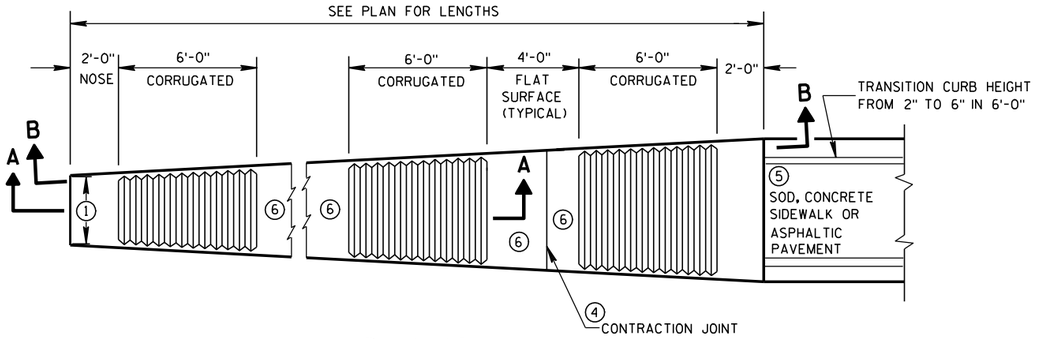


TYPICAL PLAN OF LOOP DETECTOR WITH 24" PULL (SPLICE) BOX



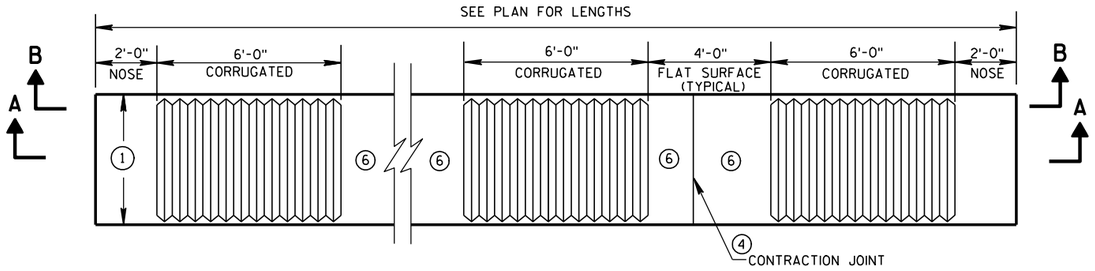
MULTI-LANE INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED Sept. 2014 — DATE /S/ Ahmet Demirbilek — STATE ELECTRICAL FHWA



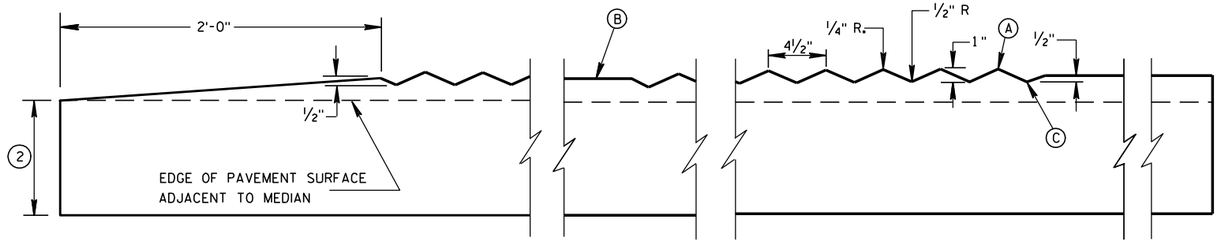
PLAN VIEW

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.

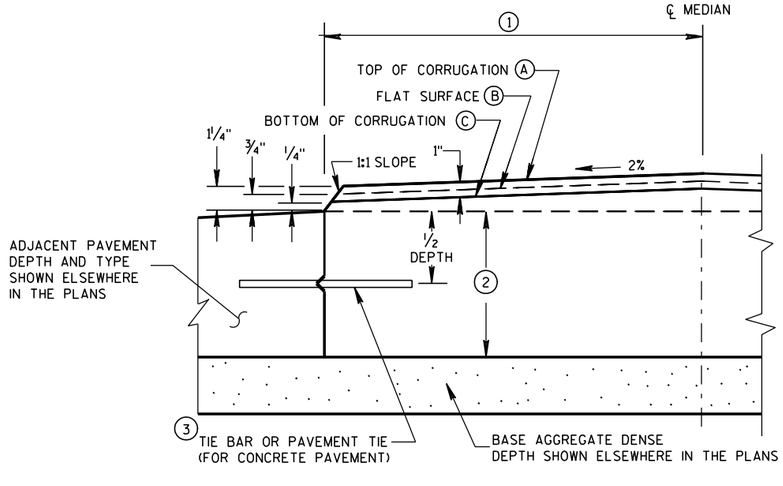
(2) THE DEPTH OF THE CONCRETE CORRUGATED MEDIAN SHALL BE 9-INCHES UNLESS SHOWN OTHERWISE IN THE PLAN.
ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:
(1) NEW OR EXISTING CONCRETE PAVEMENT.
(2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE, OR PAVEMENT.
(3) 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.

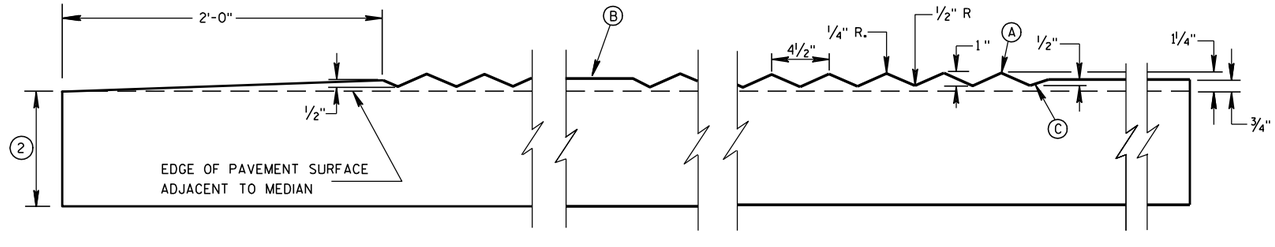
(5) SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.

(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

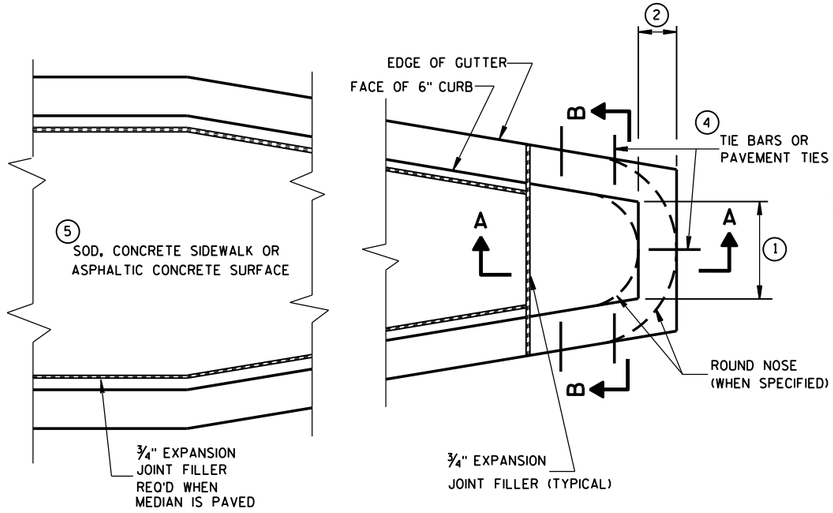
311

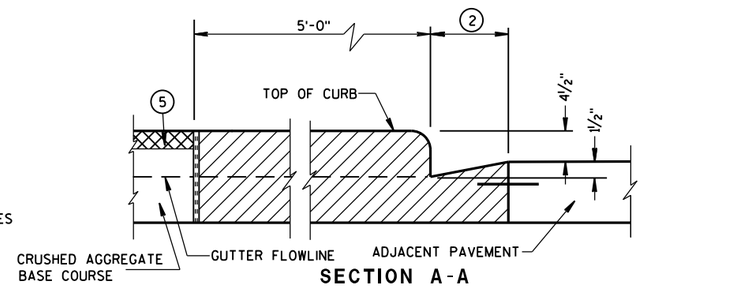
6

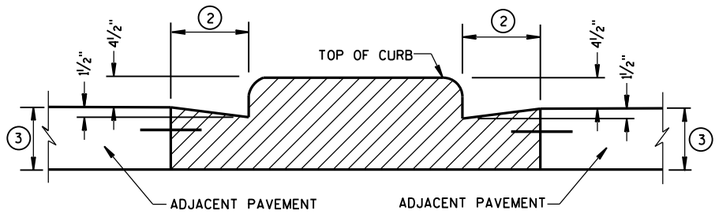
S.D.D. 11 B 1-5

6

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.

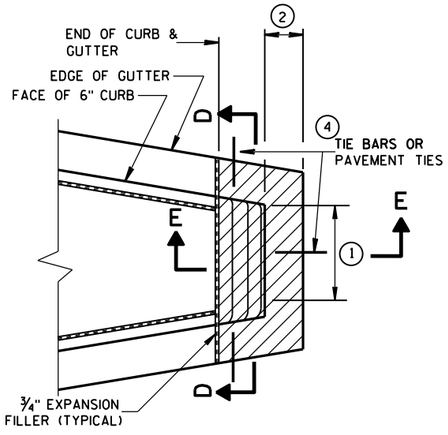
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

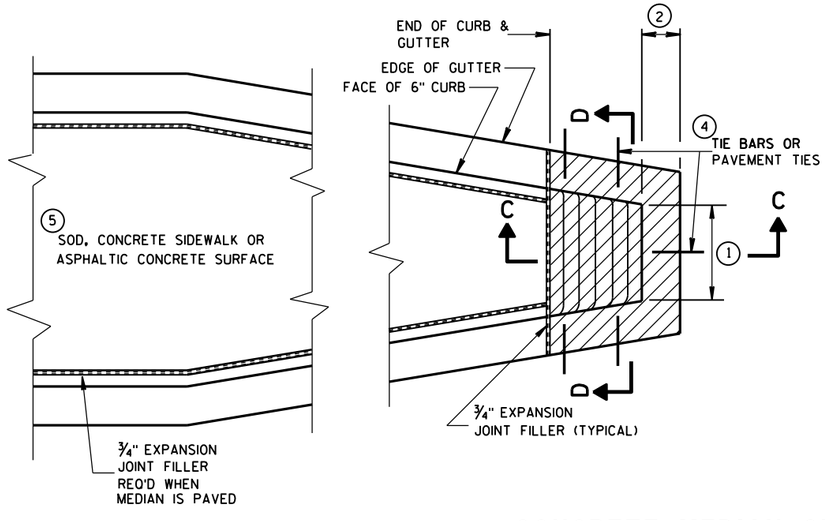
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

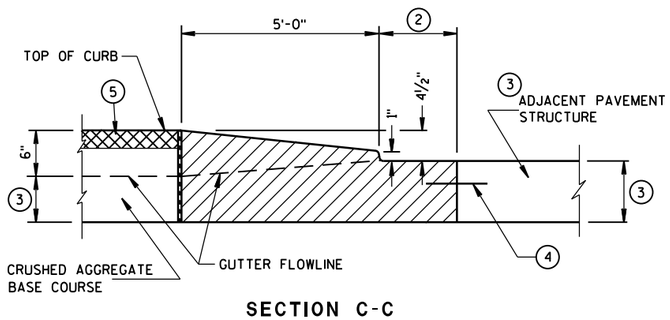
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

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.

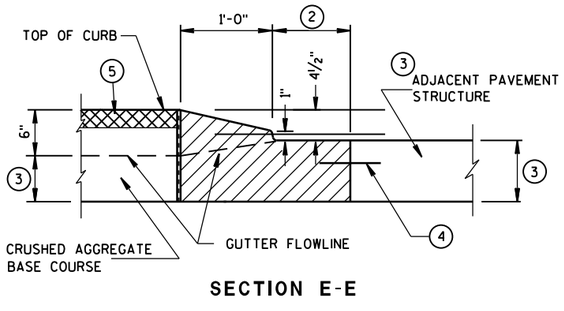
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



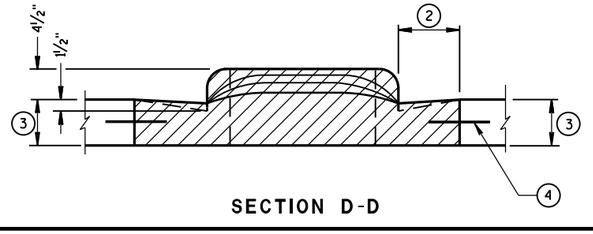




CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

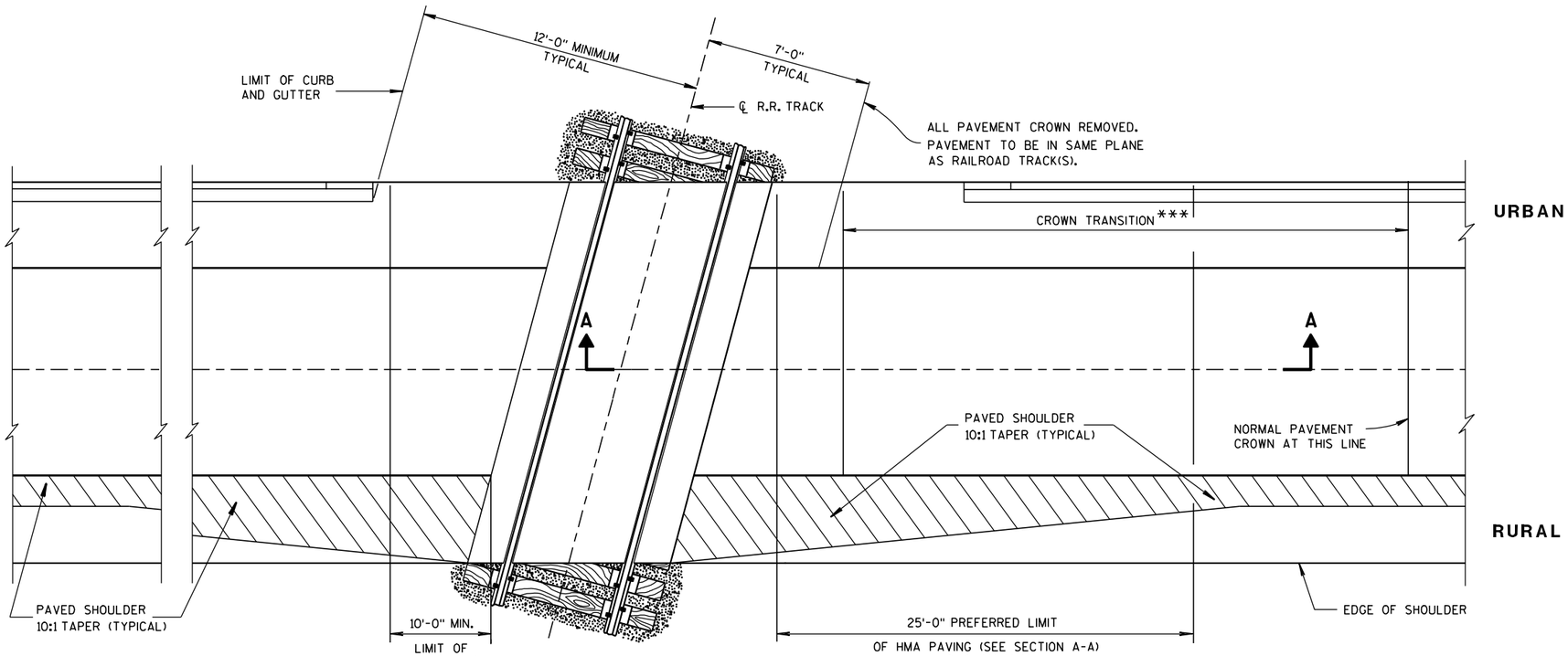
APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

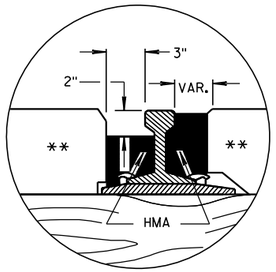
6

S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2





DETAIL B

HMA FLANGEWAY AND FIELD FILLERS

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.

TIMBER, CONCRETE OR RUBBER CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, GEOTEXTILE FABRIC AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS OTHERWISE PROVIDED.

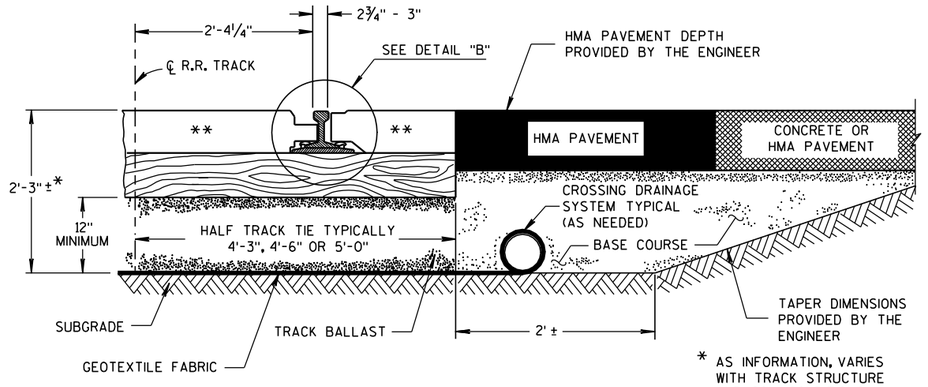
HMA PAVEMENT APPROACHES AND HMA PAVEMET CROSSING SURFACES TO BE PLACED BY CONTRACTOR UNLESS OTHERWISE PROVIDED.

HMA FLANGEWAY AND FIELD FILLERS TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR WHEN NOT PROVIDED BY OTHERS. SEE DETAIL B. HMA FILLERS NOT REQUIRED WHEN RUBBER FILLERS ARE PROVIDED.

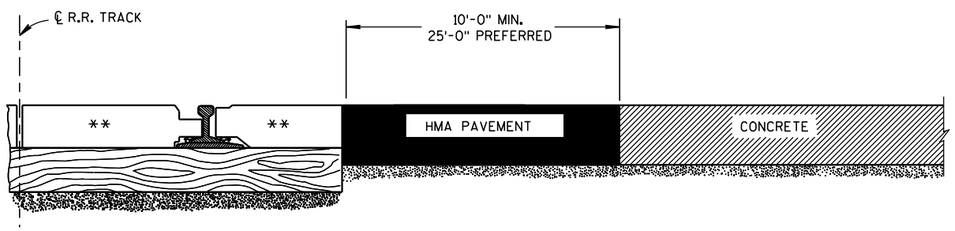
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

** CROSSING SURFACE MAY BE TIMBER, RUBBER, CONCRETE, HMA PAVEMENT OR A COMBINATION OF SUCH MATERIALS.

*** CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.



TYPICAL HALF SECTION



SECTION A-A

CONCRETE PAVEMENT APPROACH

SECTION A-A

HMA PAVEMENT APPROACH

EXAMPLES OF PAVEMENT APPROACHES

PAVEMENT DETAILS FOR RAILROAD APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

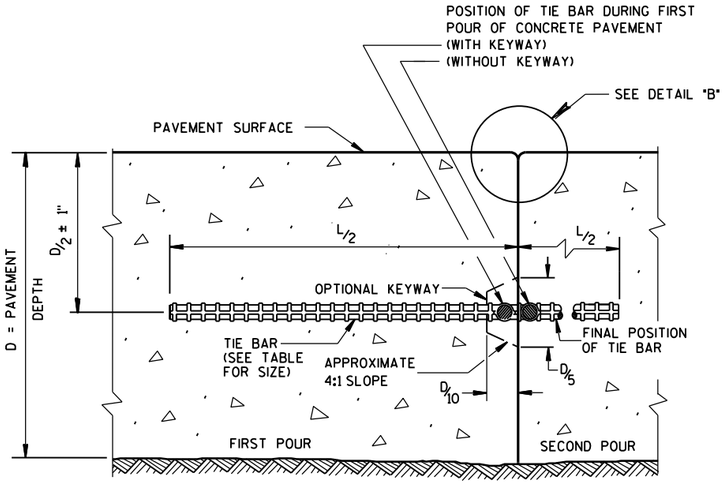
APPROVED
8-28-09 DATE
/S/ Ronald E. Adams
CHIEF, RAILROADS & HAI CTION
FHWA

6

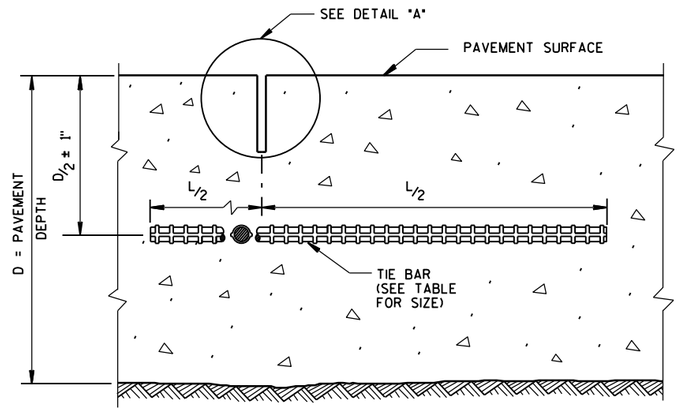
S.D.D. 13 B 1-10

6

S.D.D. 13 B 1-10



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"

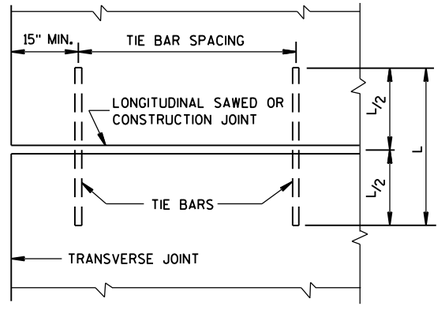
DETAIL "C"

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.



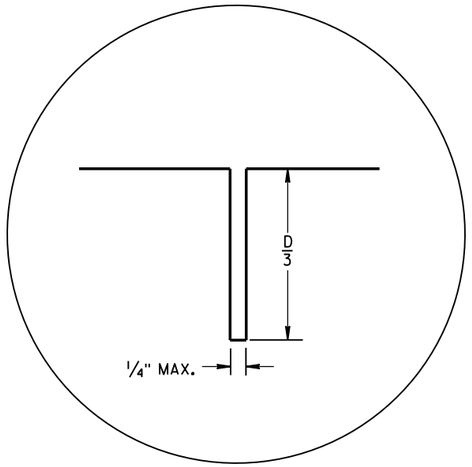
PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

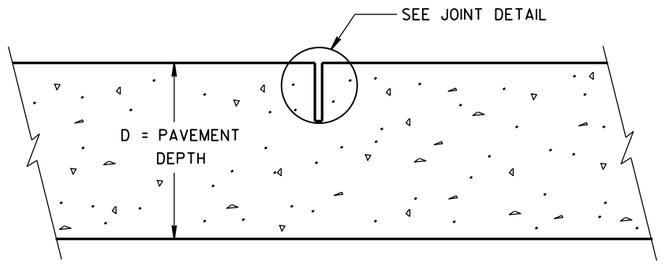
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

6
S.D.D. 13 C 1-18



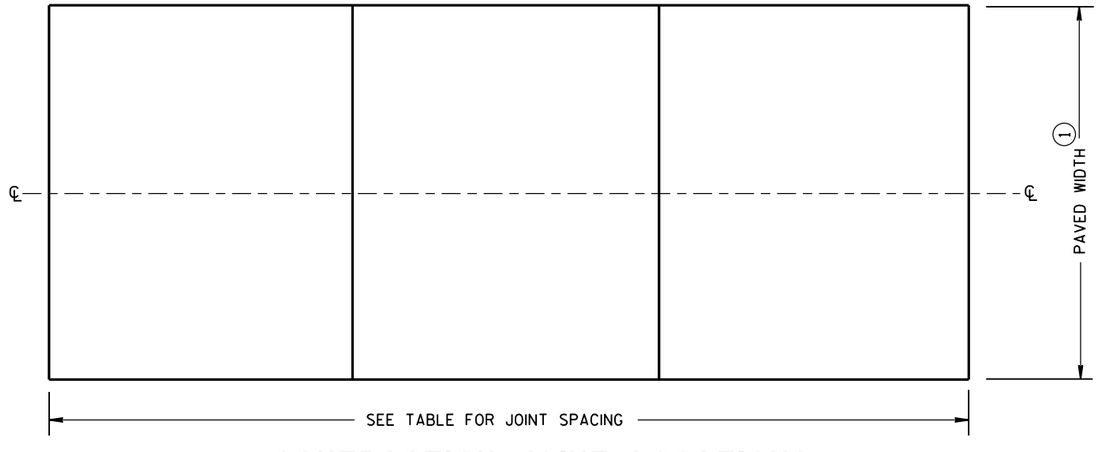
JOINT DETAIL



CONTRACTION JOINT

PAVEMENT DEPTH AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 1/2"	12'
7", 7 1/2"	14'
8" & ABOVE	15'



CONTRACTION JOINT LOCATIONS

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE.

LOCATE AND ORIENT CONTRACTION JOINTS THROUGH INTERSECTIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT SEAL OR FILL CONTRACTION JOINTS.

CONSTRUCTION JOINTS

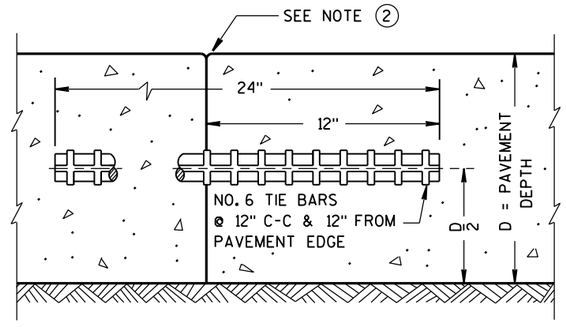
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

FORM OR SAW CONSTRUCTION JOINTS.

THE CONTRACTOR MAY INSERT TIE BARS THROUGH THE HEADER BOARD AFTER THE CONCRETE HAS BEEN PLACED.

(1) REFER TO TYPICAL CROSS SECTIONS FOR PAVED WIDTH AND LOCATION OF LONGITUDINAL JOINTS.

(2) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.



TIED TRANSVERSE CONSTRUCTION JOINT

6

6

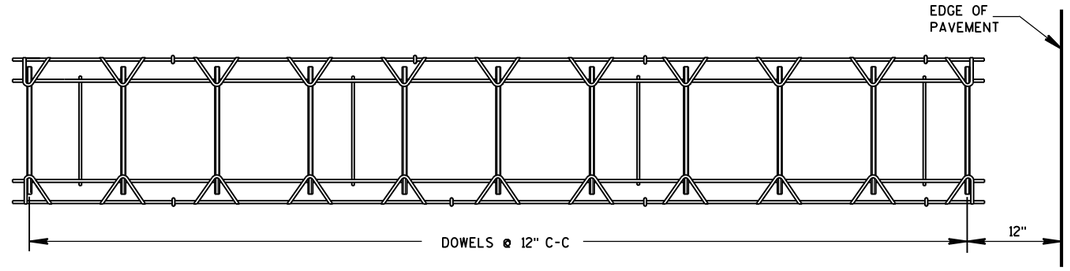
S.D.D. 13 C 4-16

S.D.D. 13 C 4-16

URBAN NON-DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

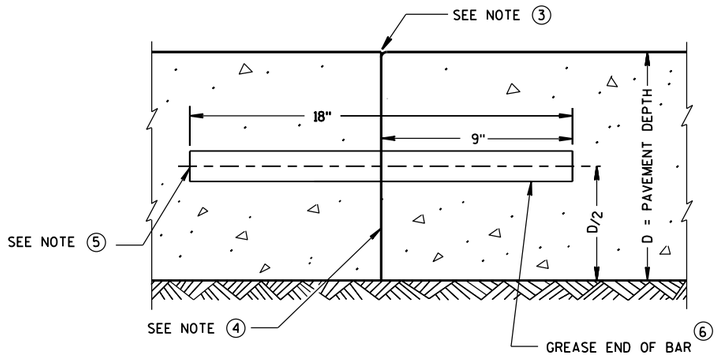
APPROVED
5-3-2013 — DATE
/S/ Deb Bischoff — PAVEMENT POLICY & DE
IEER
FHWA



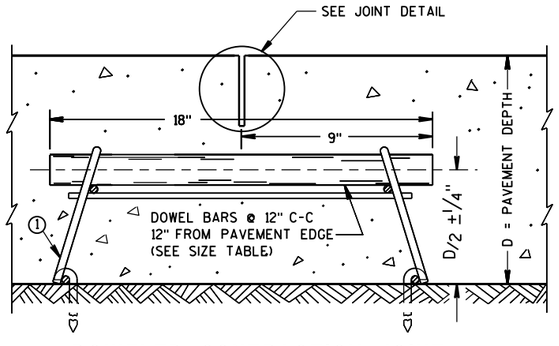
PLAN VIEW

SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY ①



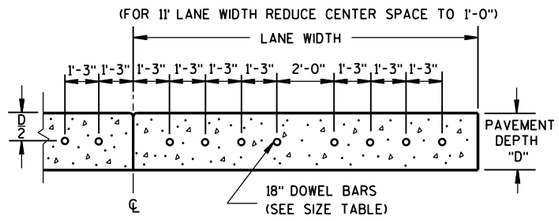
TRANSVERSE CONSTRUCTION JOINT



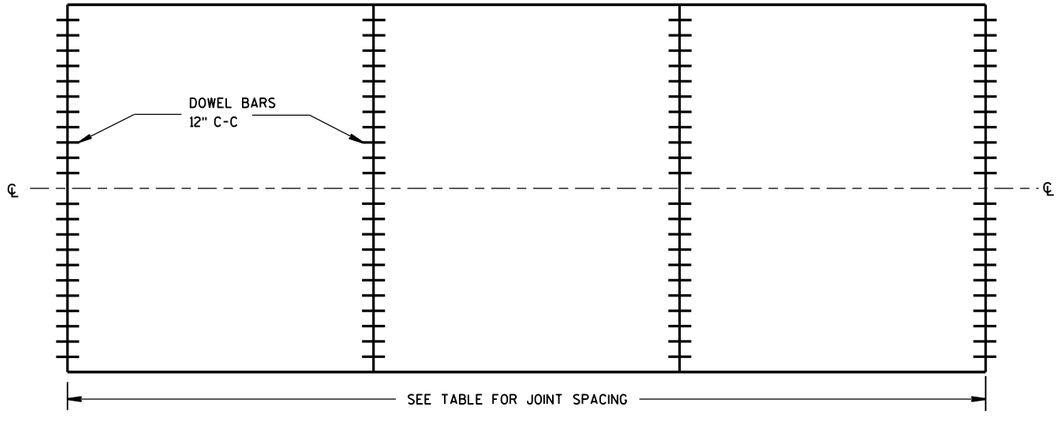
DOWELED CONTRACTION JOINT

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.

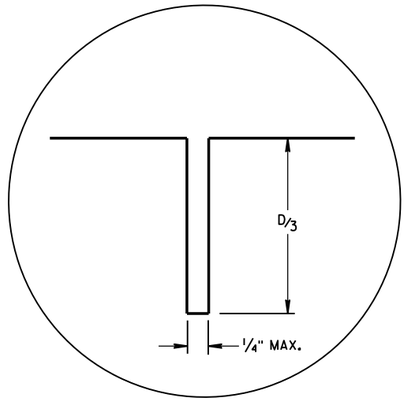
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼-INCH RADIUS AT FORMED JOINTS.

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

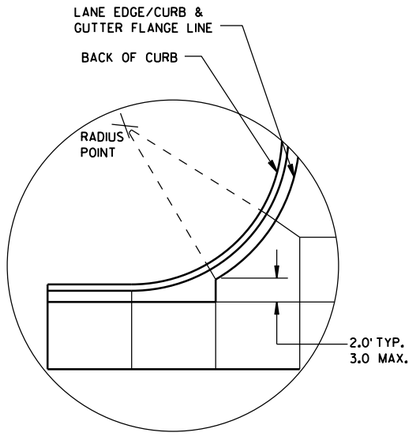
URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

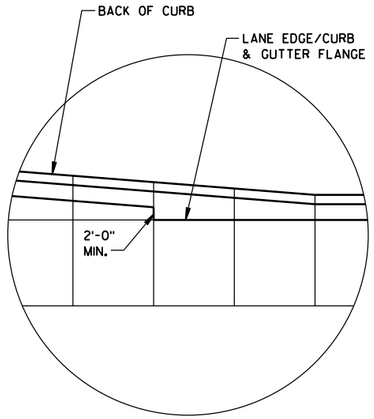
APPROVED
5/3/2013 DATE
/S/ Deb Bischoff
PAVEMENT POLICY & DE ...NEER
FHWA

6

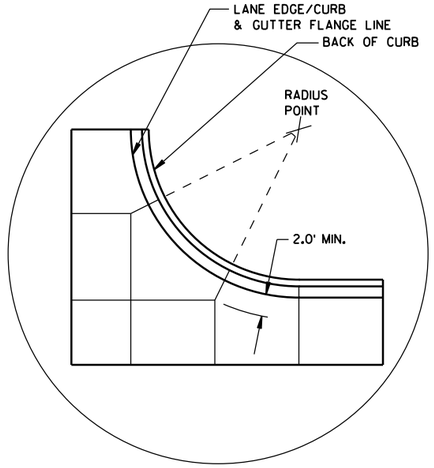
S.D.D. 13 C 13-8



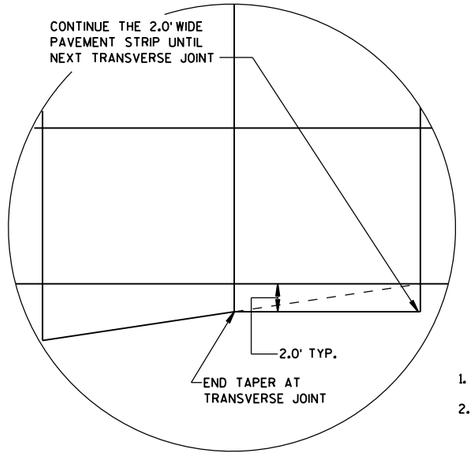
DETAIL "A"



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.

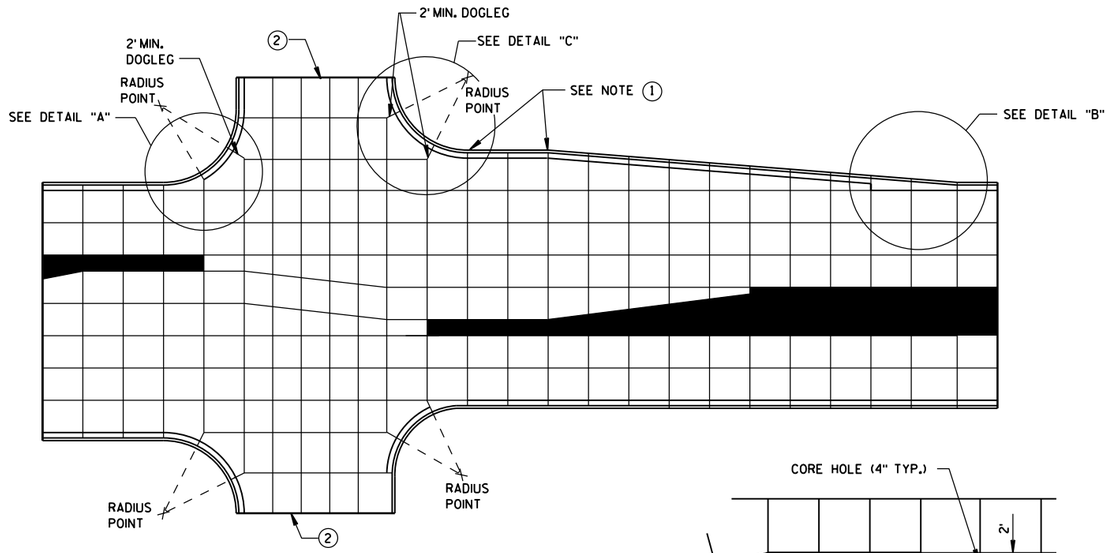
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

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.

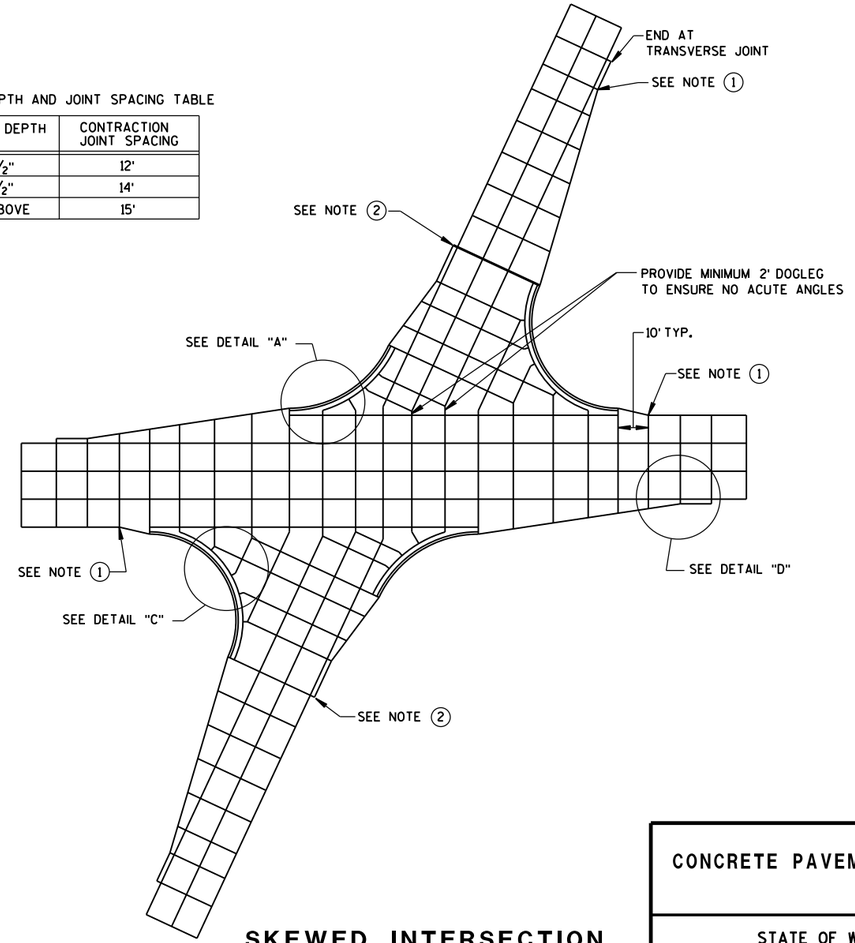
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



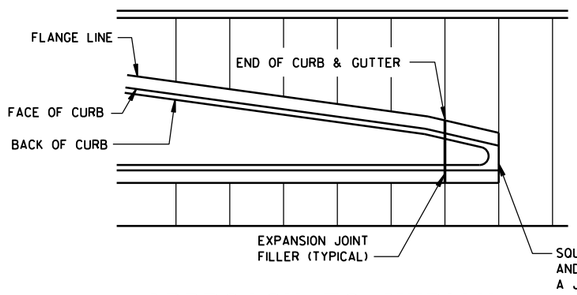
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

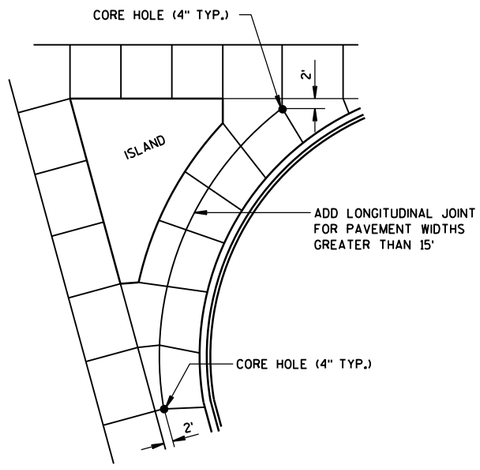
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6½"	12'
7", 7½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

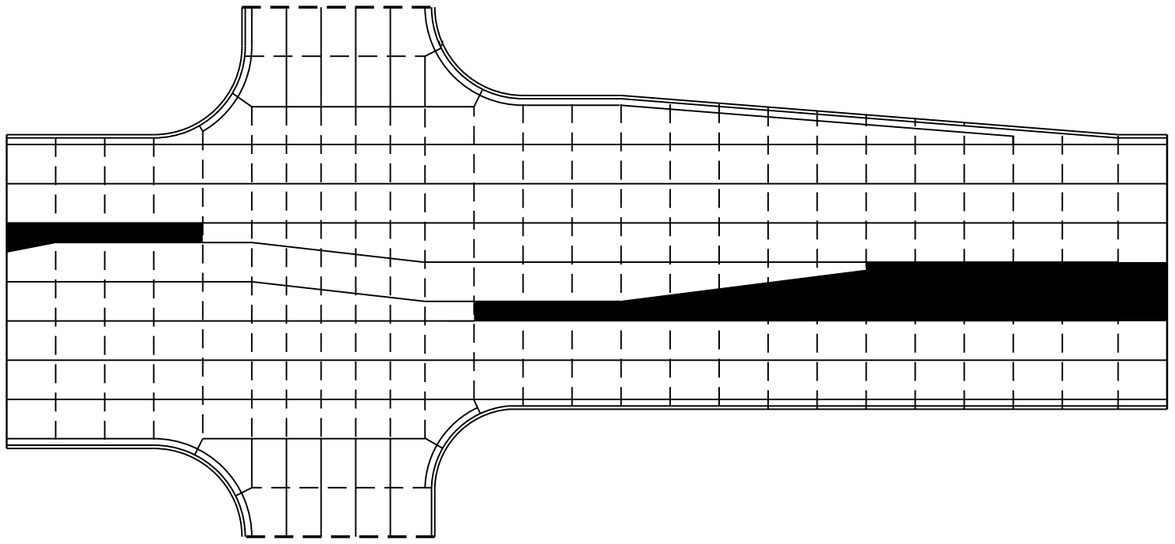
S.D.D. 13 C 18-5a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

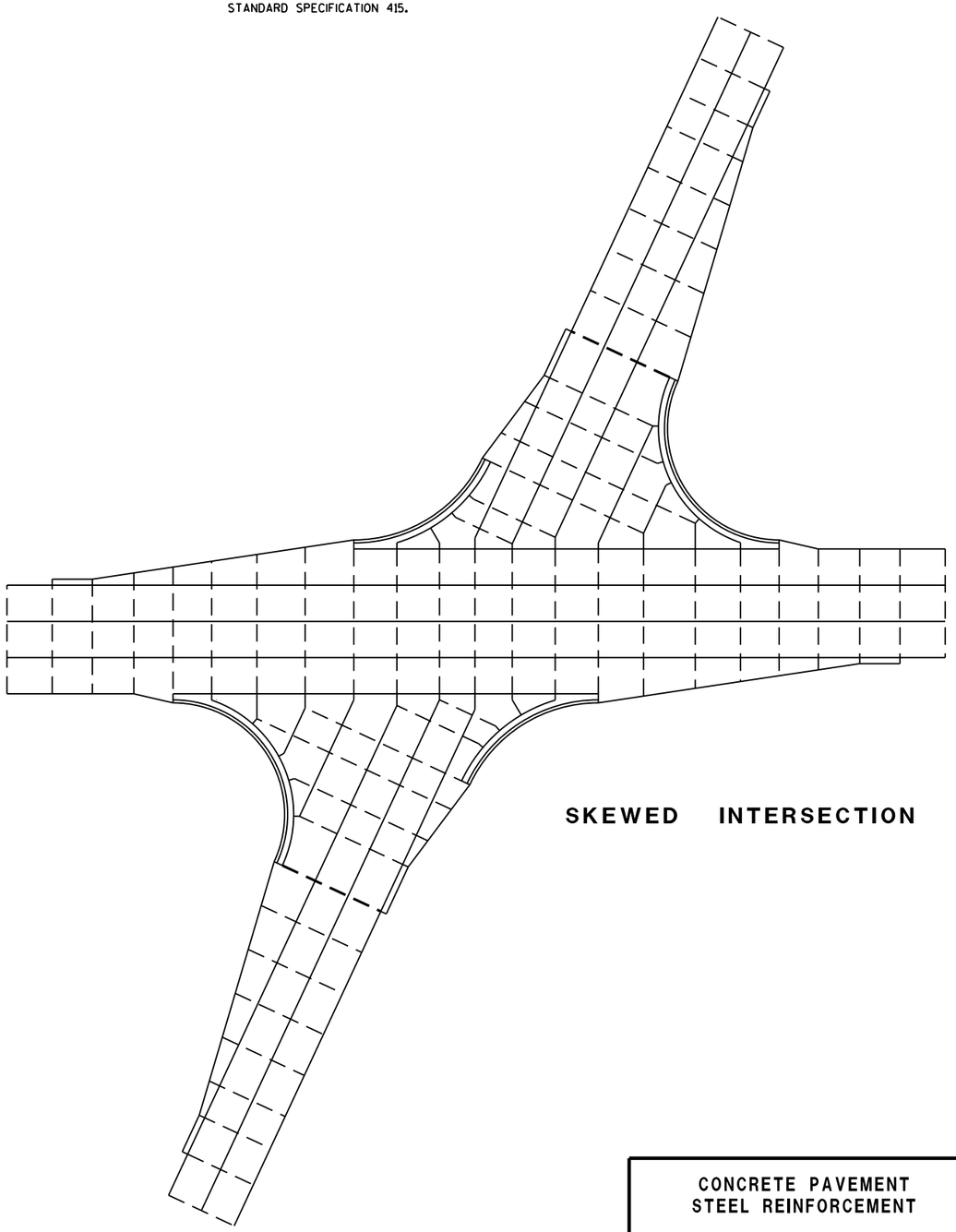
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

CONCRETE PAVEMENT
STEEL REINFORCEMENT

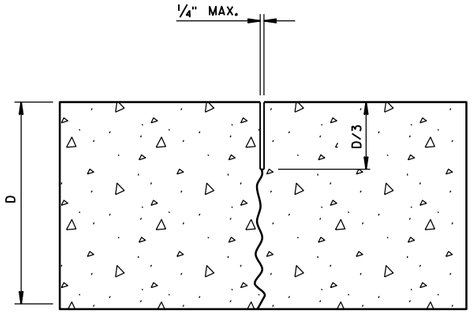
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

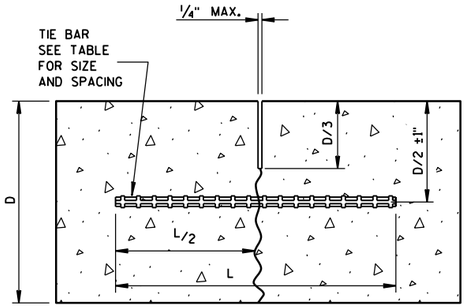
S.D.D. 13 C 18-5b

6

S.D.D. 13 C 18-5b



UNDOWELED-TRANSVERSE



TIED LONGITUDINAL

TIE BAR TABLE

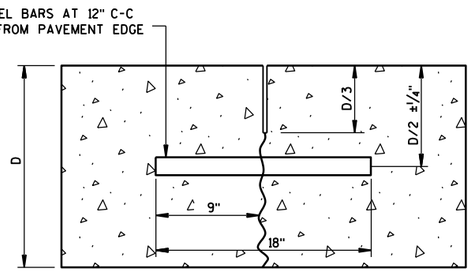
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* 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.

GENERAL NOTES

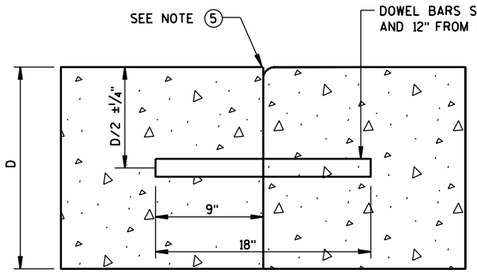
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 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.



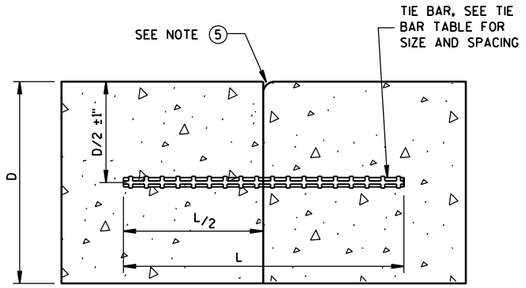
DOWELED-TRANSVERSE

CONTRACTION JOINTS

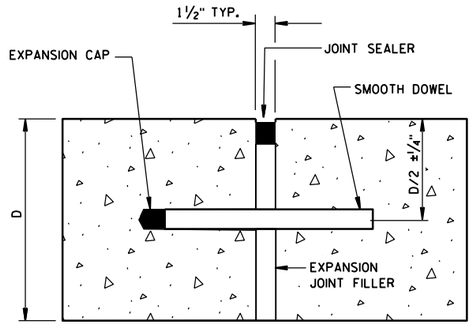
SEE NOTE (2)



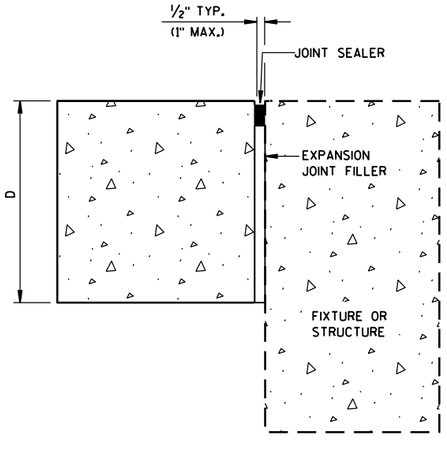
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL

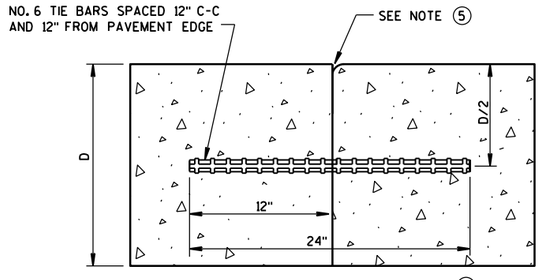


DOWELED-TRANSVERSE
SEE NOTE (1)

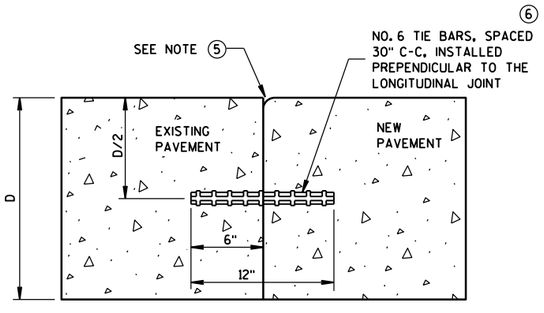


UNTIED-LONGITUDINAL

EXPANSION JOINTS



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS

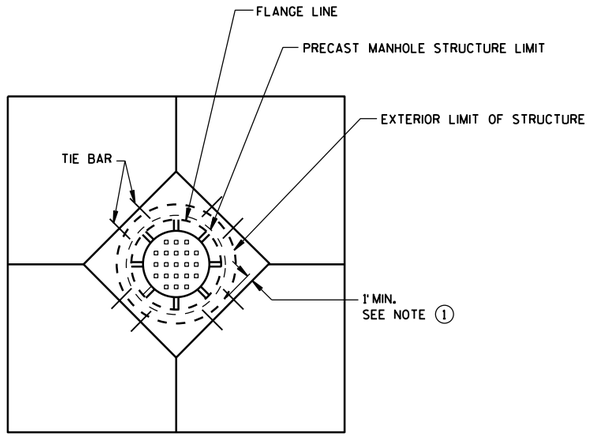
SEE NOTE (4)

CONCRETE PAVEMENT
JOINT TYPES

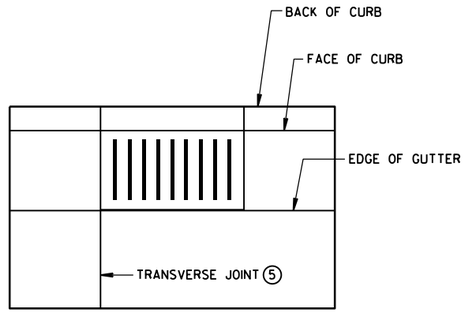
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

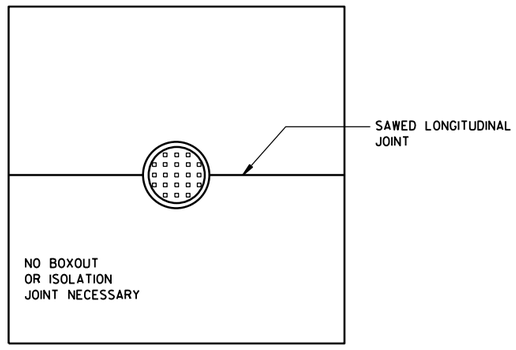
S.D.D. 13 C 18-5c



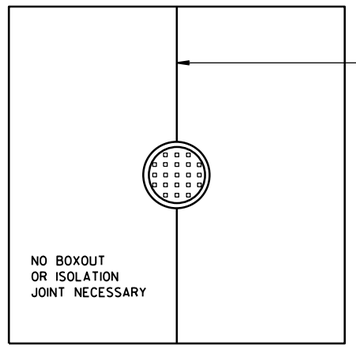
DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS



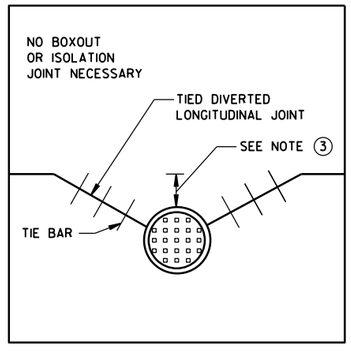
INLET WITH TRANSVERSE JOINT



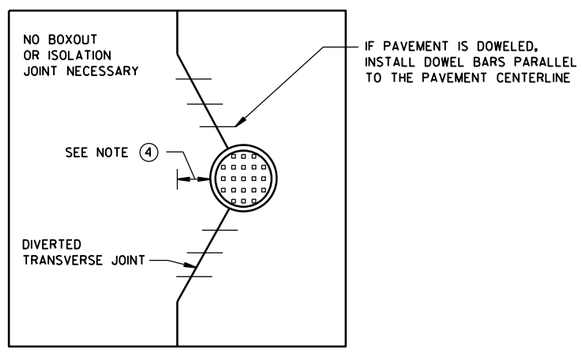
MANHOLE WITH LONGITUDINAL JOINT



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.

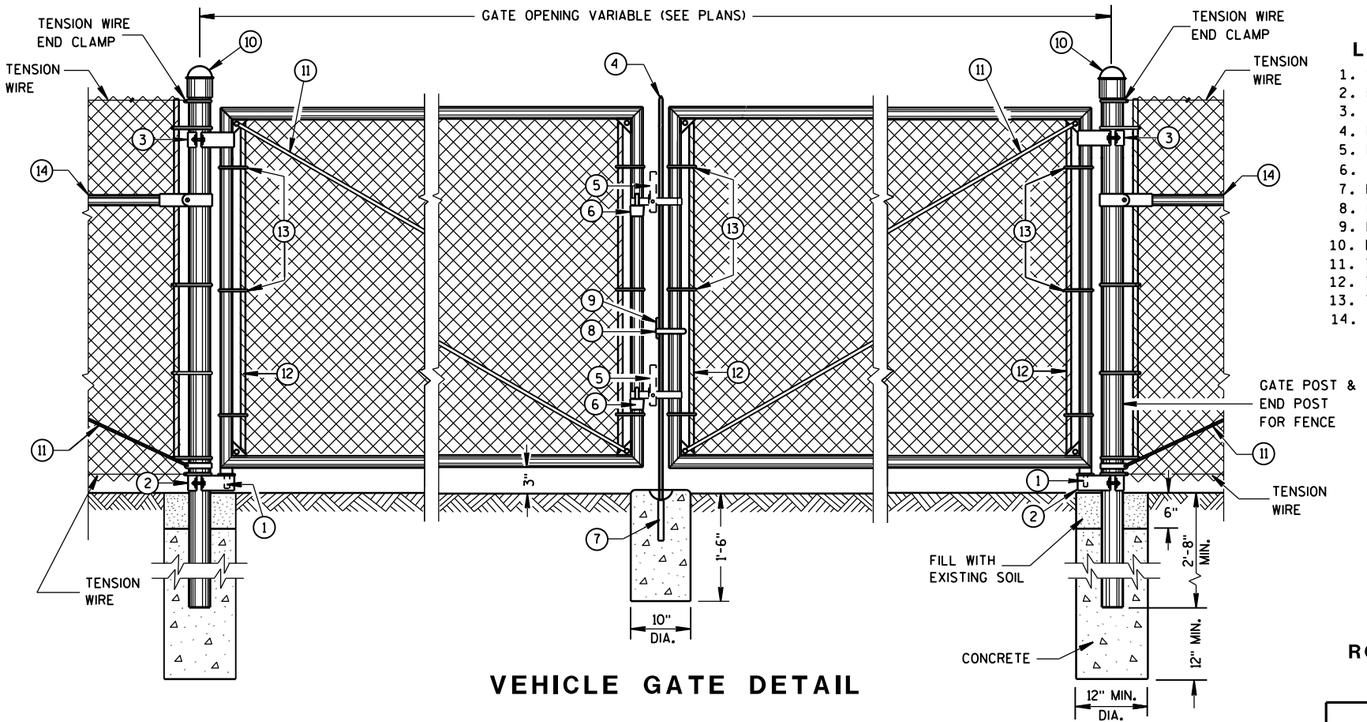
CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

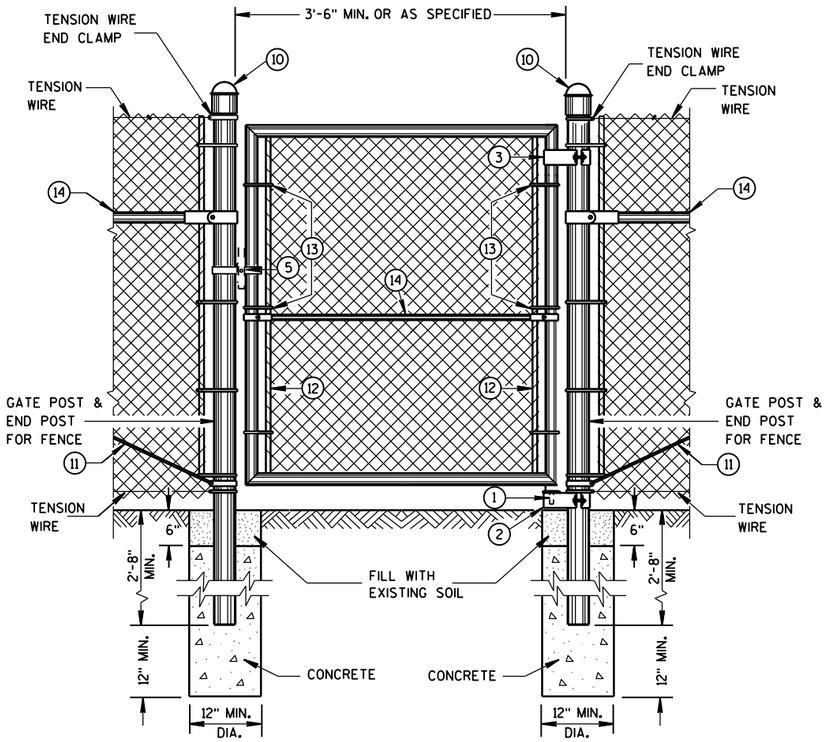
APPROVED
December, 2016 — /S/ Peter Kemp, P.E.
DATE — PAVEMENT SUPER
FHWA

6

S.D.D. 13 C 18-5d



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.

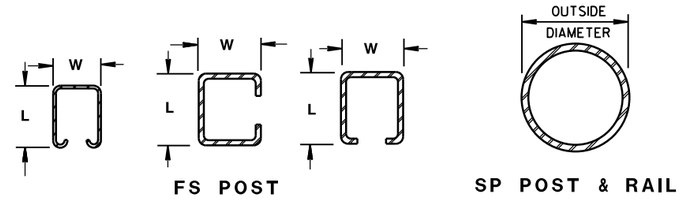
USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

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

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

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

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

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

BRACE RAIL TYPES

USE		TYPE
BRACE RAIL		SP1 OR FS1

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

FENCE CHAIN LINK

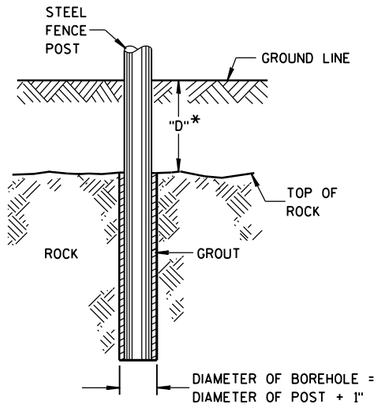
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 B 3-15a

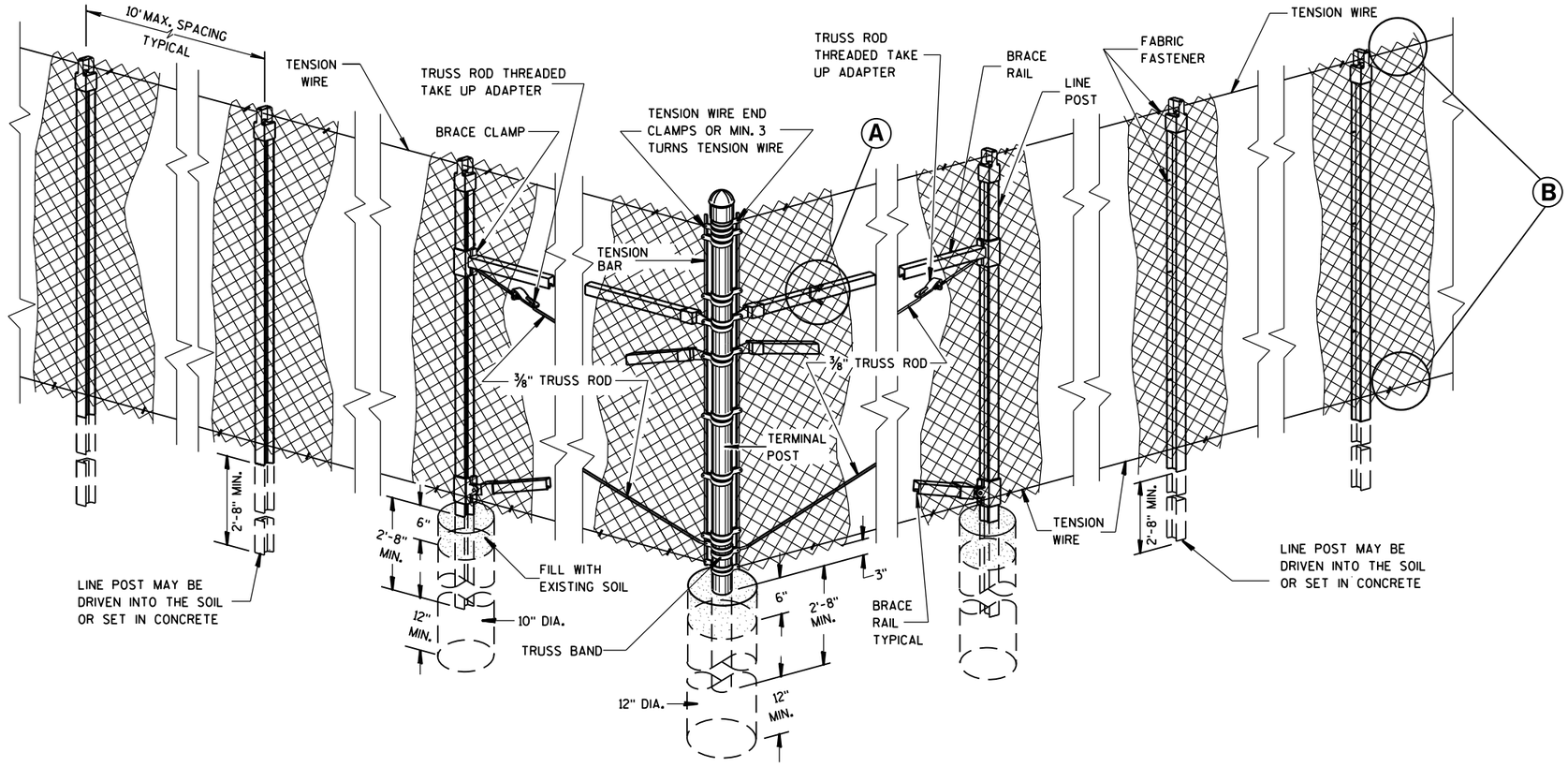
6

S.D.D. 15 B 3-15a

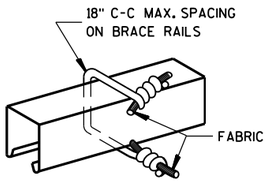


*IF "D" IS LESS THAN 2'-6", DRILL ROCK AND INSTALL GROUT

ROCK INSTALLATION OF LINE POST



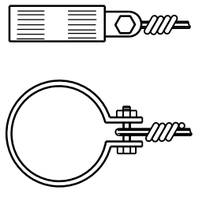
END, CORNER, ANGLE INTERSECTION & INTERMEDIATE BRACED POSTS



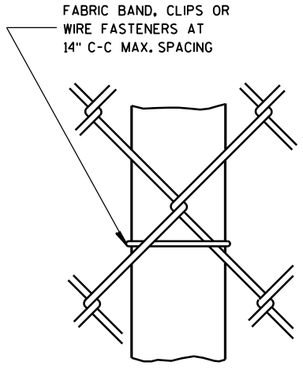
BRACE RAIL

FABRIC FASTENER

Ⓐ



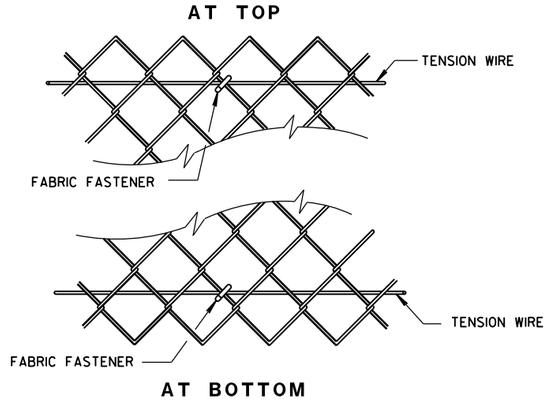
TENSION WIRE END CLAMP



LINE POST

FABRIC FASTENER

AT TOP



AT BOTTOM

SELVAGES

Ⓑ

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
FEB. 2015 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

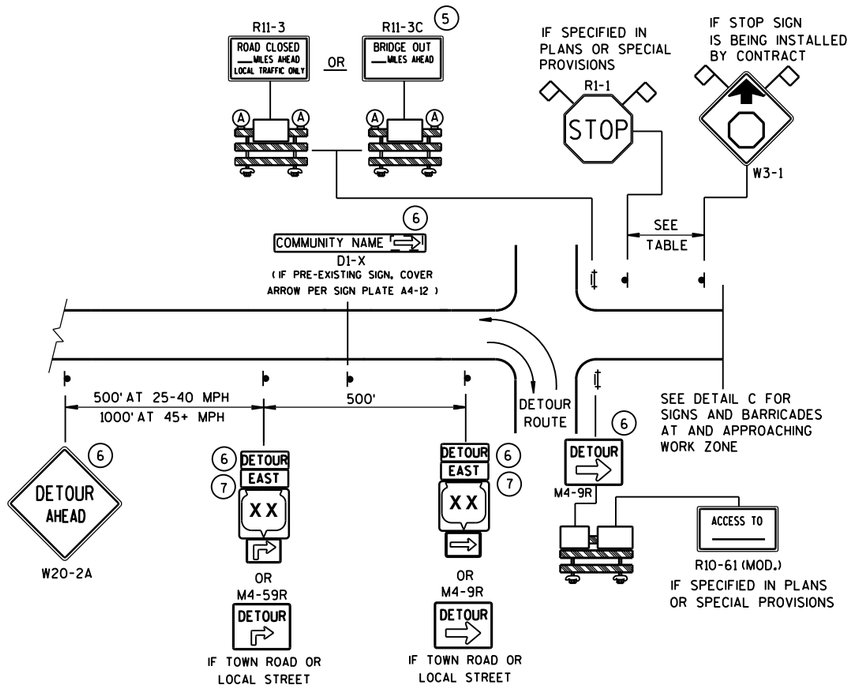
322

6

S.D.D. 15 B 3-15b

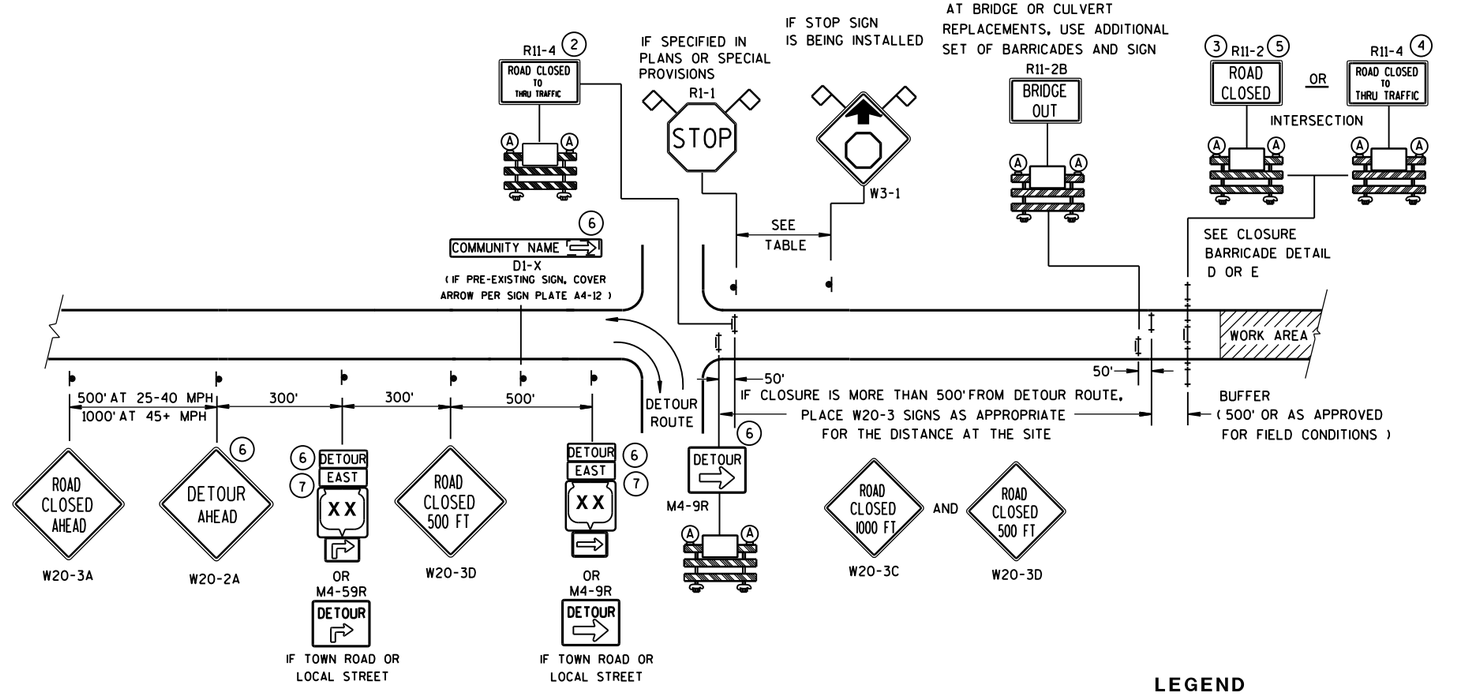
6

S.D.D. 15 B 3-15b



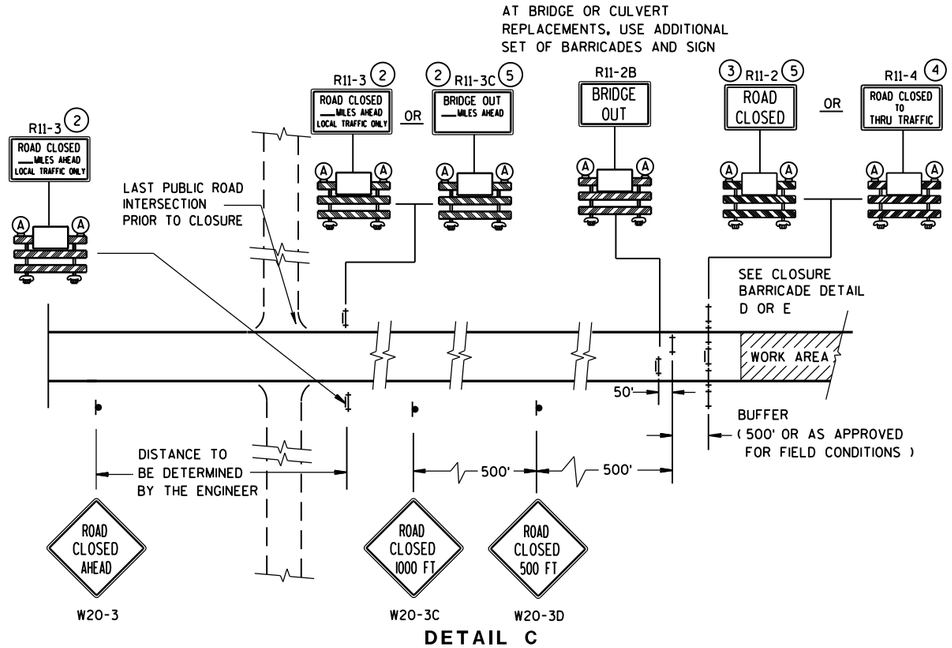
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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

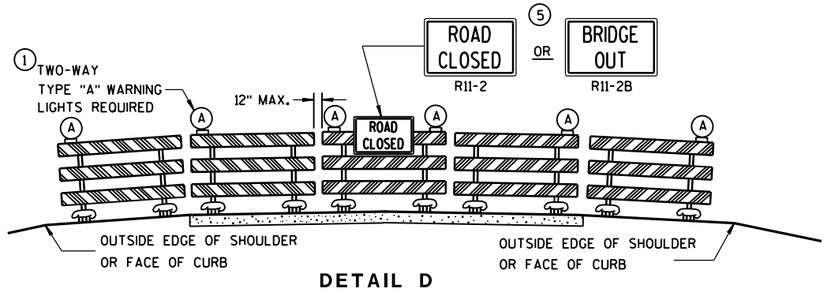
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

6

S.D.D. 15 C 2-6a

6

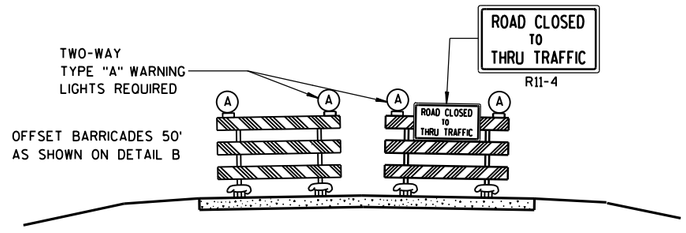
S.D.D. 15 C 2-6a



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

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI — FIC

FHWA

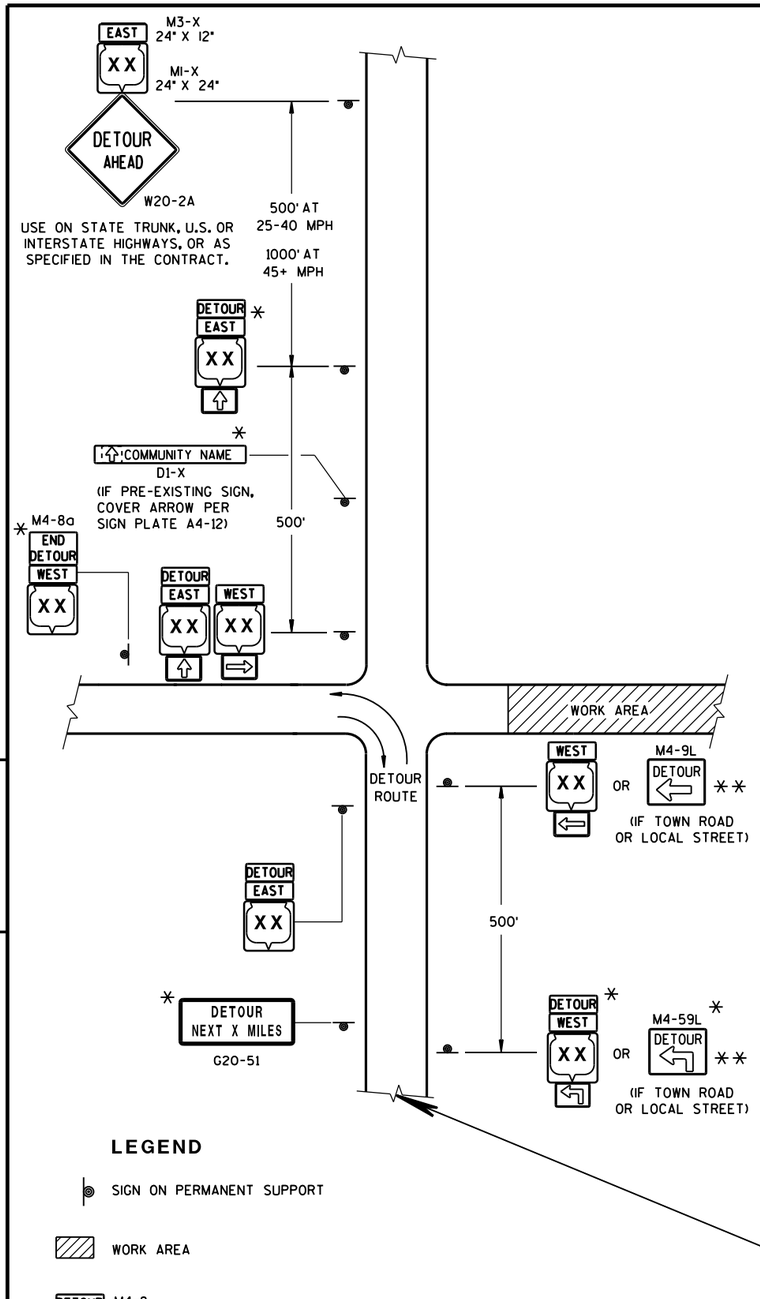
6

S.D.D. 15 C 2-6b

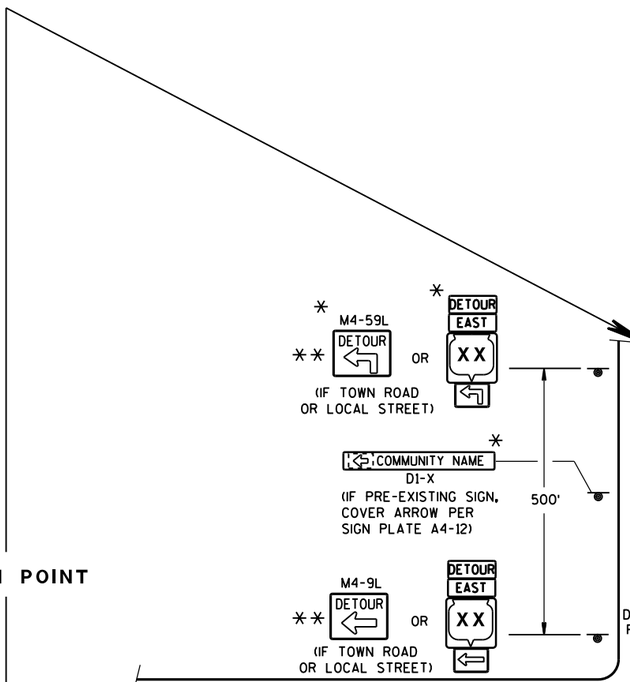
6

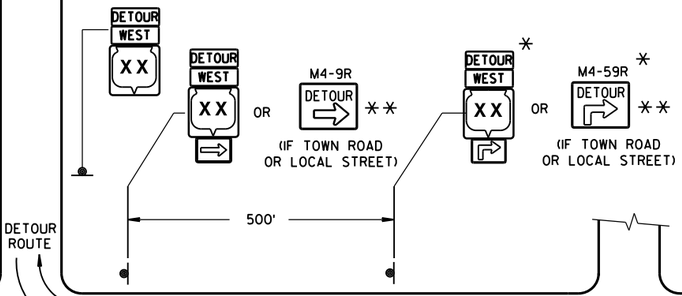
S.D.D. 15 C 2-6b

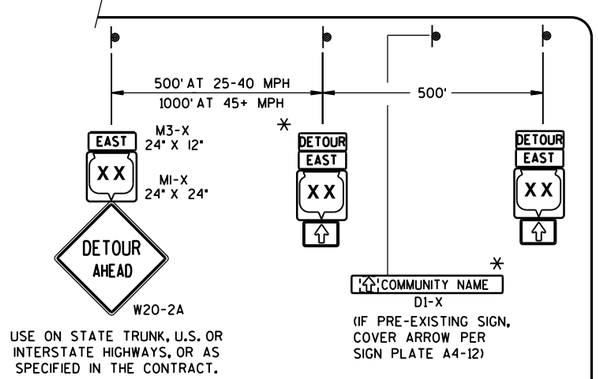
THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

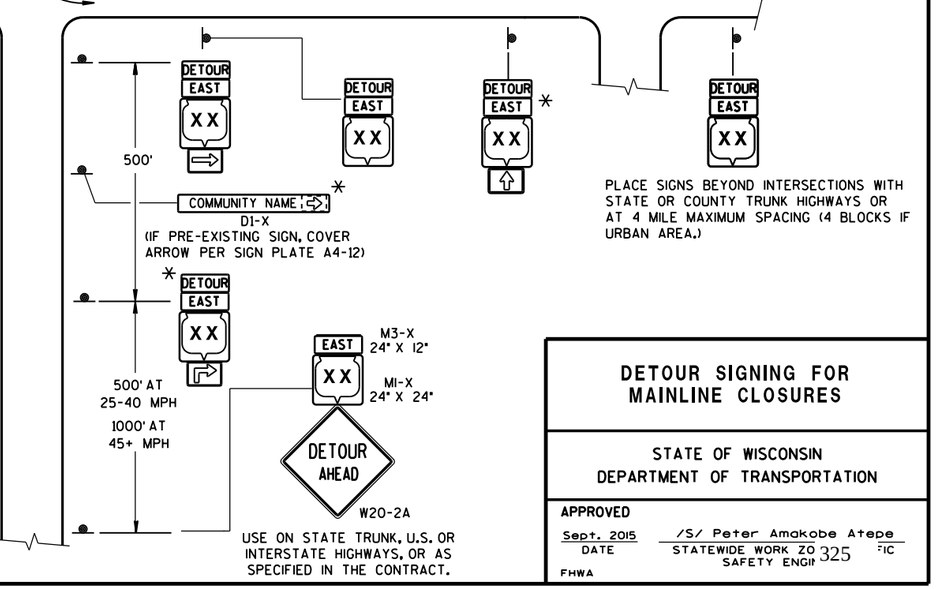


MATCH POINT









GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- 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.)
- MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-9 SHALL BE 30" X 24".
- M4-8a SHALL BE 24" X 18".
- G20-51 SHALL BE 60" X 24".
- W20-2 SHALL BE 48" X 48".
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR EAST — M4-8 / M3-X
- XX OR COUNTY XX OR XX — M1-4 / M1-5A / M1-6
- MO5-1 OR MO6-1 OR MO6-1

SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD 15C2-SHEET "a"

DETAIL F

DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

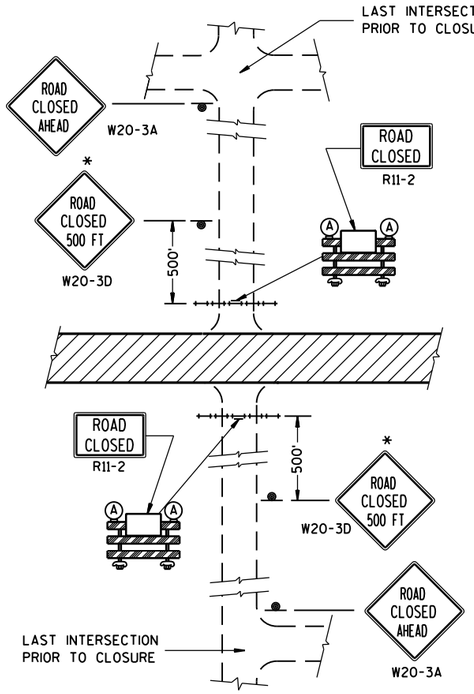
Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO... SAFETY ENGI...

FHWA

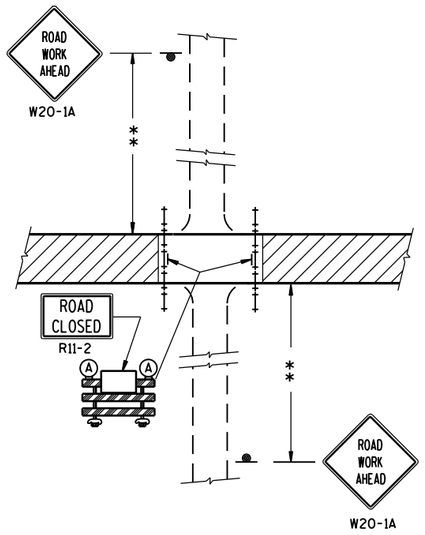
6

S.D.D. 15 C 2-6c



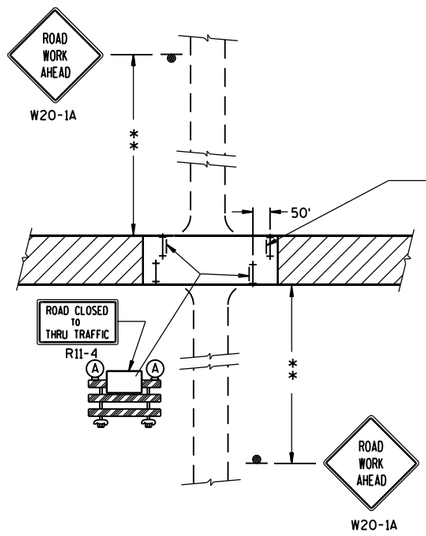
DETAIL 1

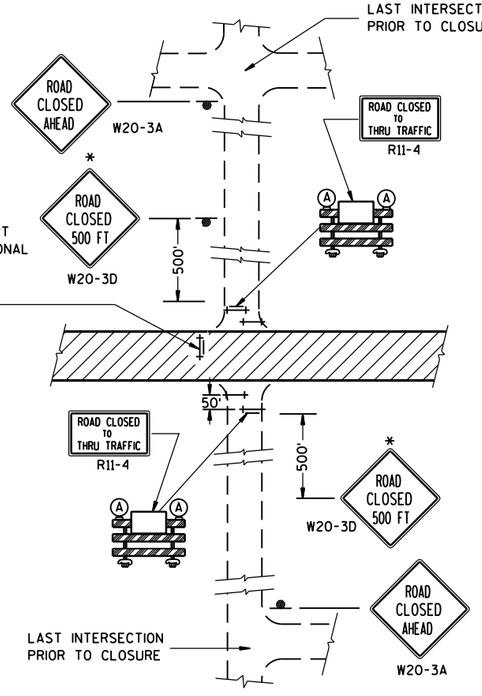
(NO ACCESS TO PROJECT)



DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).





DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

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.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

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 AND R11-4 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.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible]FIC SAFETY ENGI[illegible]
FHWA

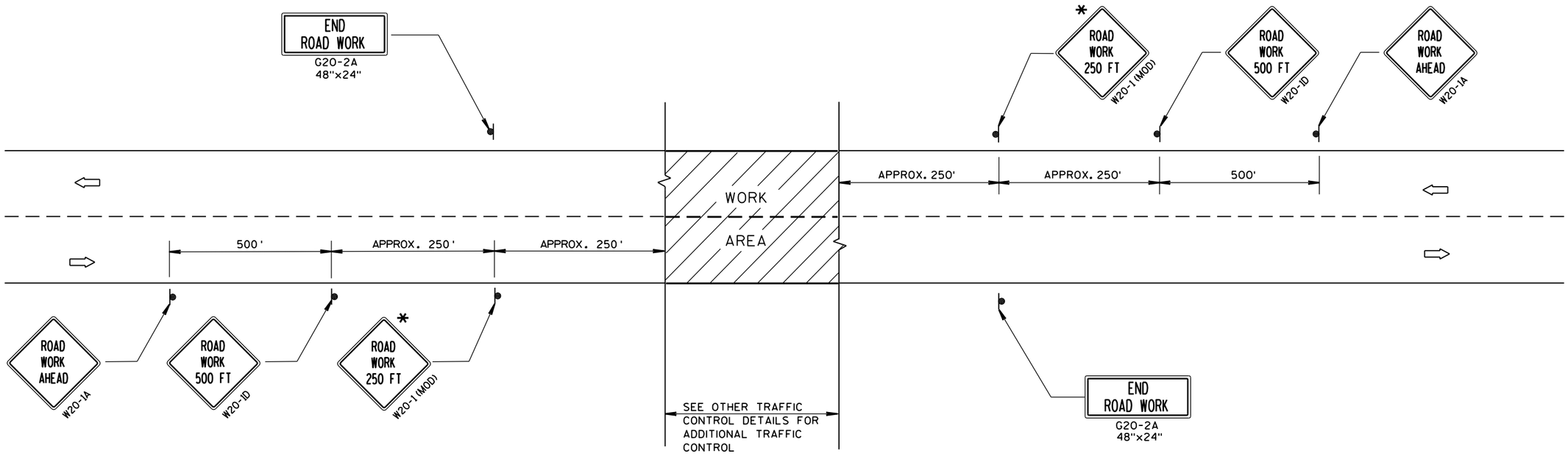
6

S.D.D. 15 C 3-3

6

S.D.D. 15 C 3-3

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

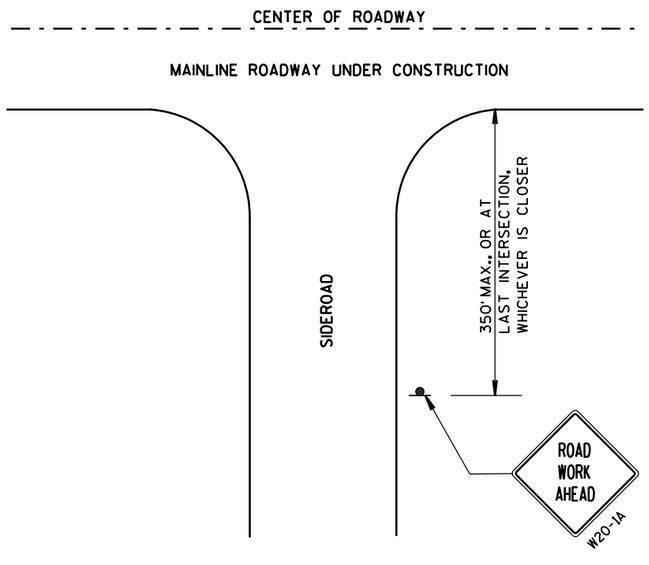
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

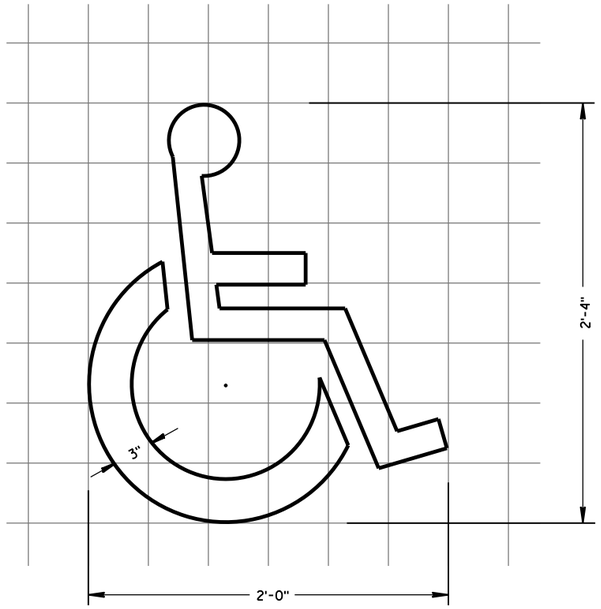
APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

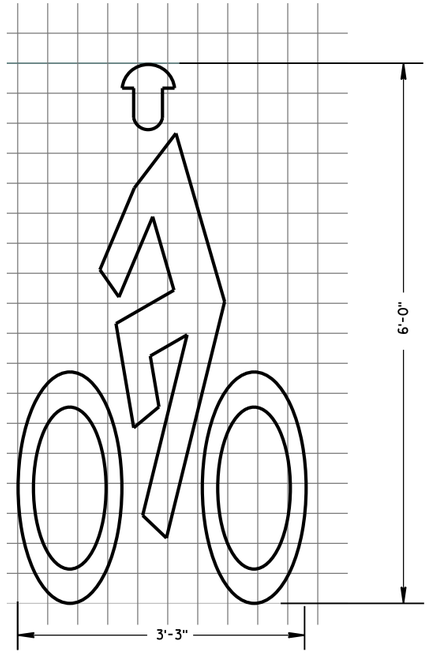
6

S.D.D. 15 C 5-3

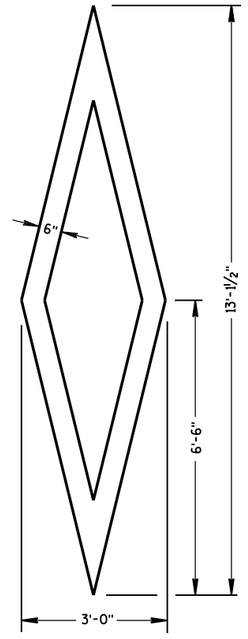
GENERAL NOTES

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.





BIKE CROSSING SYMBOL



PREFERENTIAL LANE SYMBOL

6

6

S.D.D. 15 C 7-13a

S.D.D. 15 C 7-13a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

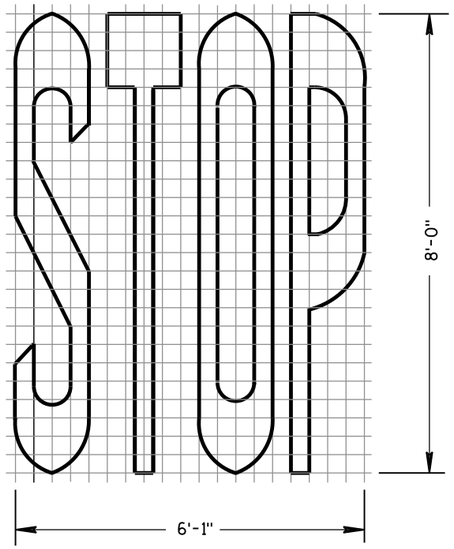
APPROVED

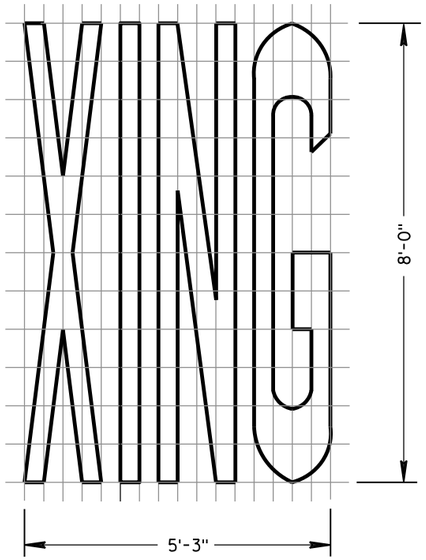
4/18/16	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MARK EER

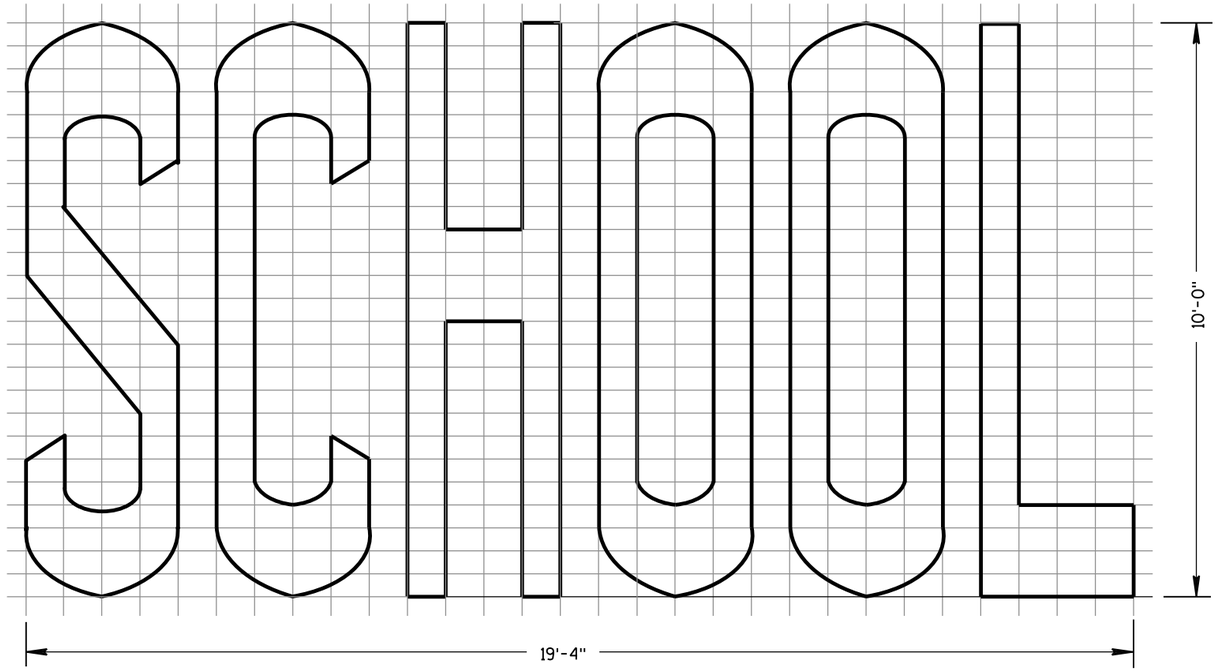
FHWA

GENERAL NOTES

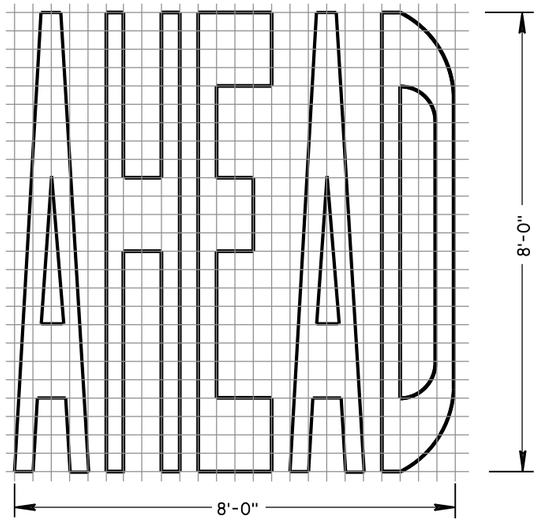
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

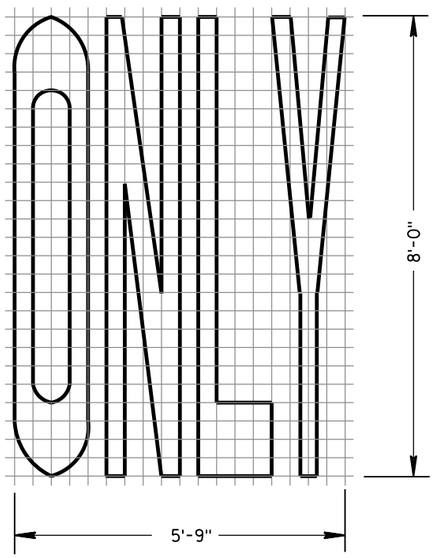


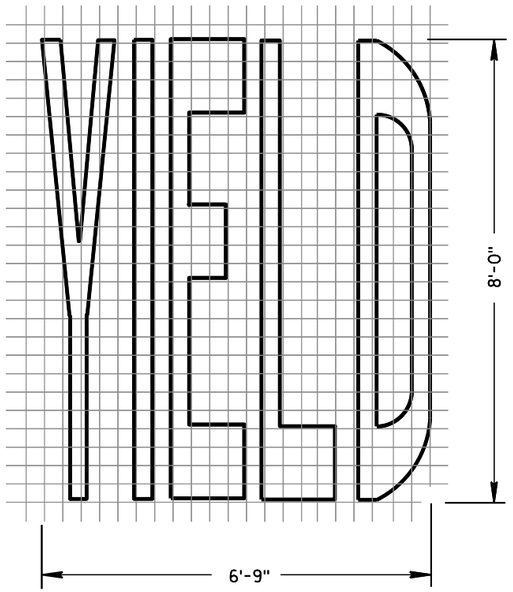


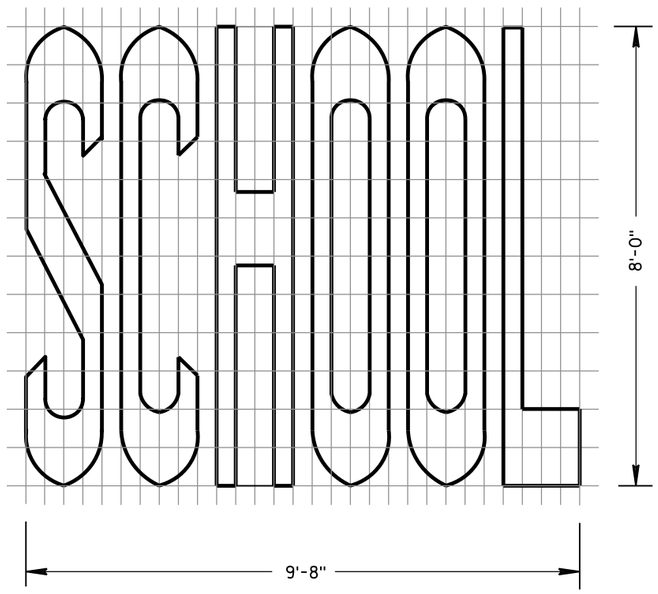


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-16	/S/ Matthew R. Rauch	
DATE	STATE SIGNING AND MARK	EER

FHWA

6

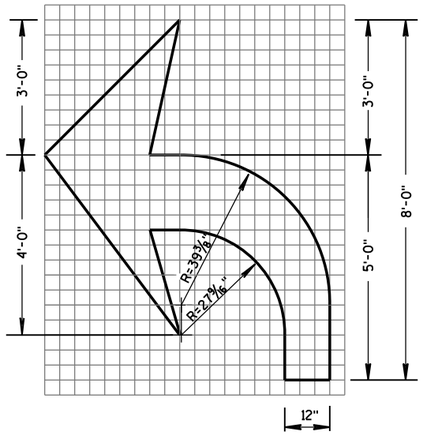
S.D.D. 15 C 7-13b

6

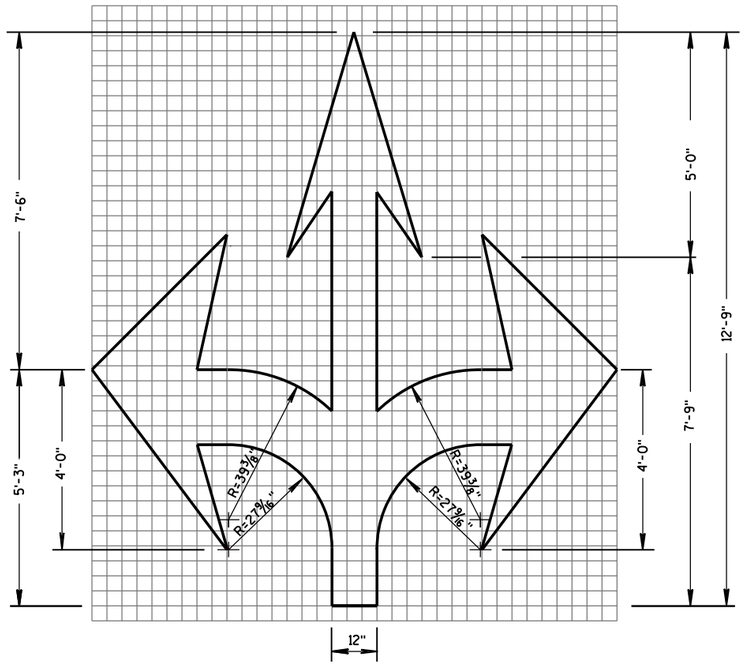
S.D.D. 15 C 7-13b

GENERAL NOTES

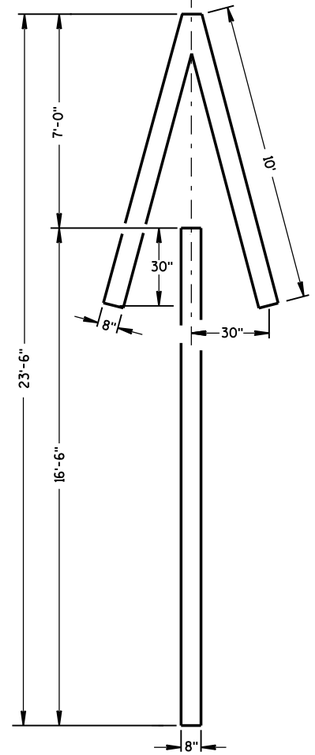
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



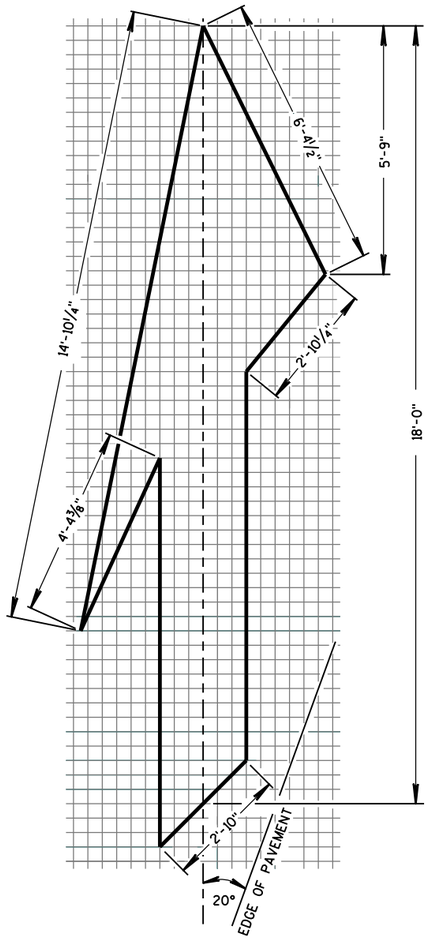
TYPE 2



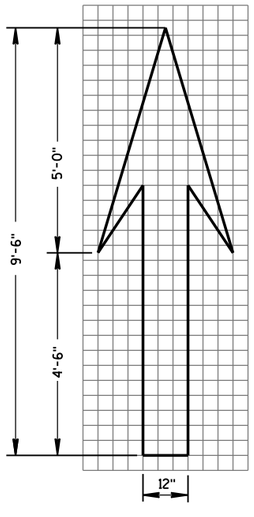
TYPE 6



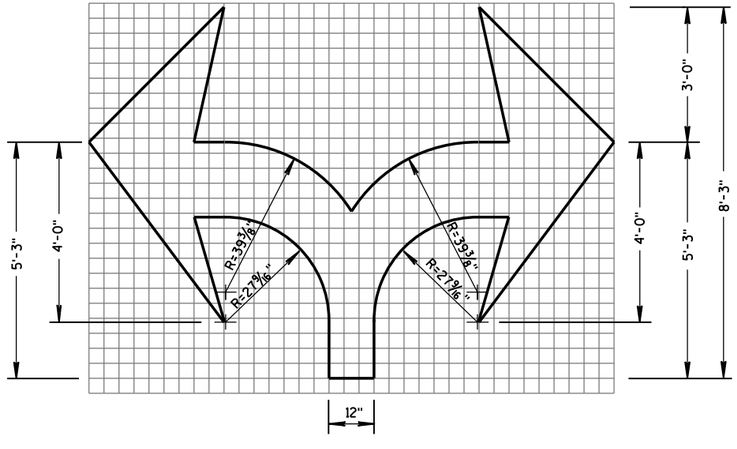
TYPE 4



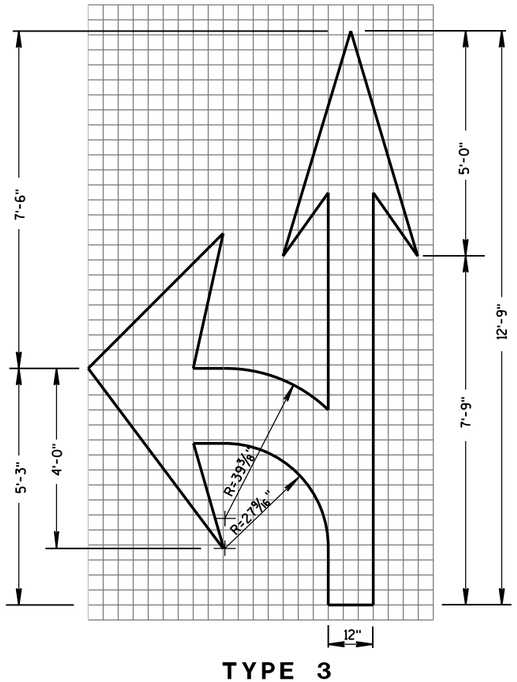
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

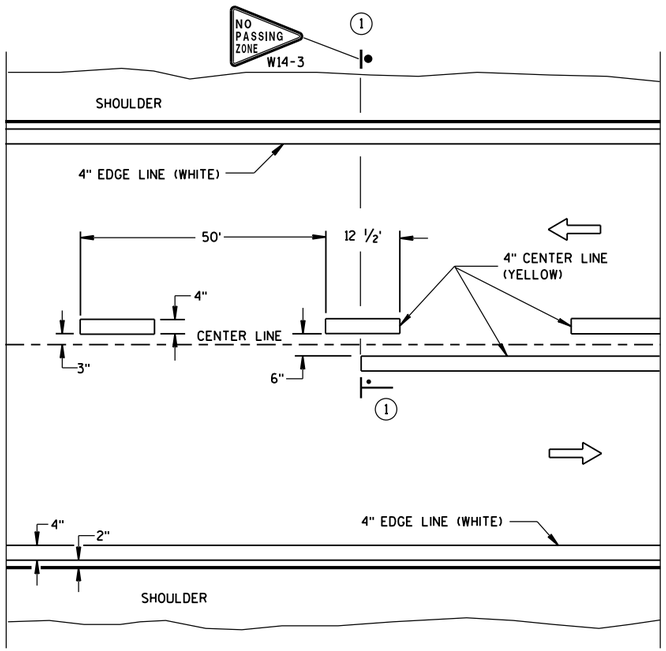
APPROVED
4-18-16 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR 330 NEER
FHWA

6

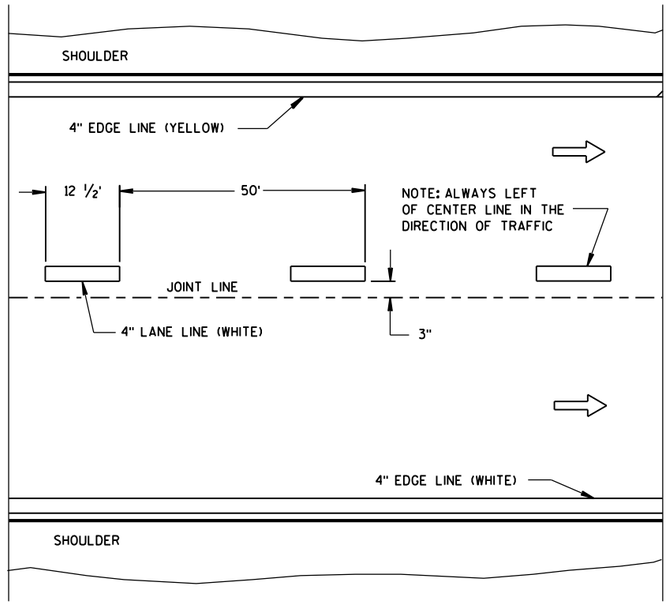
S.D.D. 15 C 7-13c

6

S.D.D. 15 C 7-13c



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

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

(1) NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

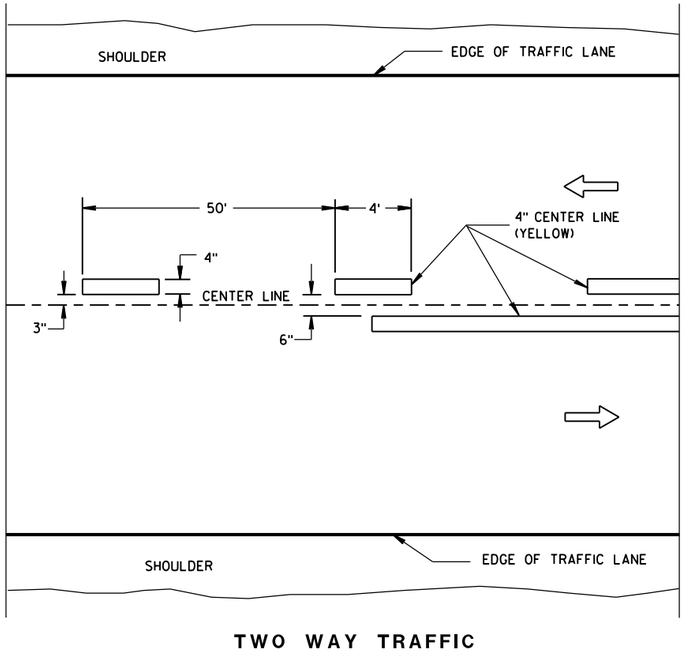
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

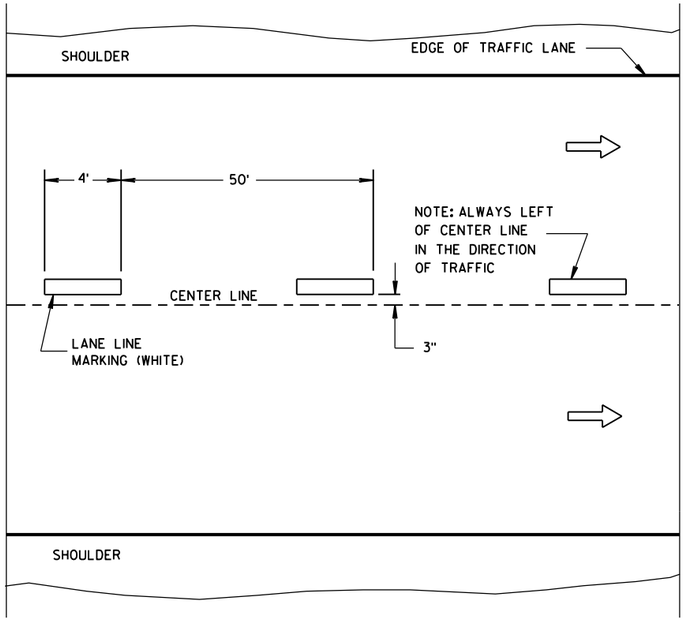
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

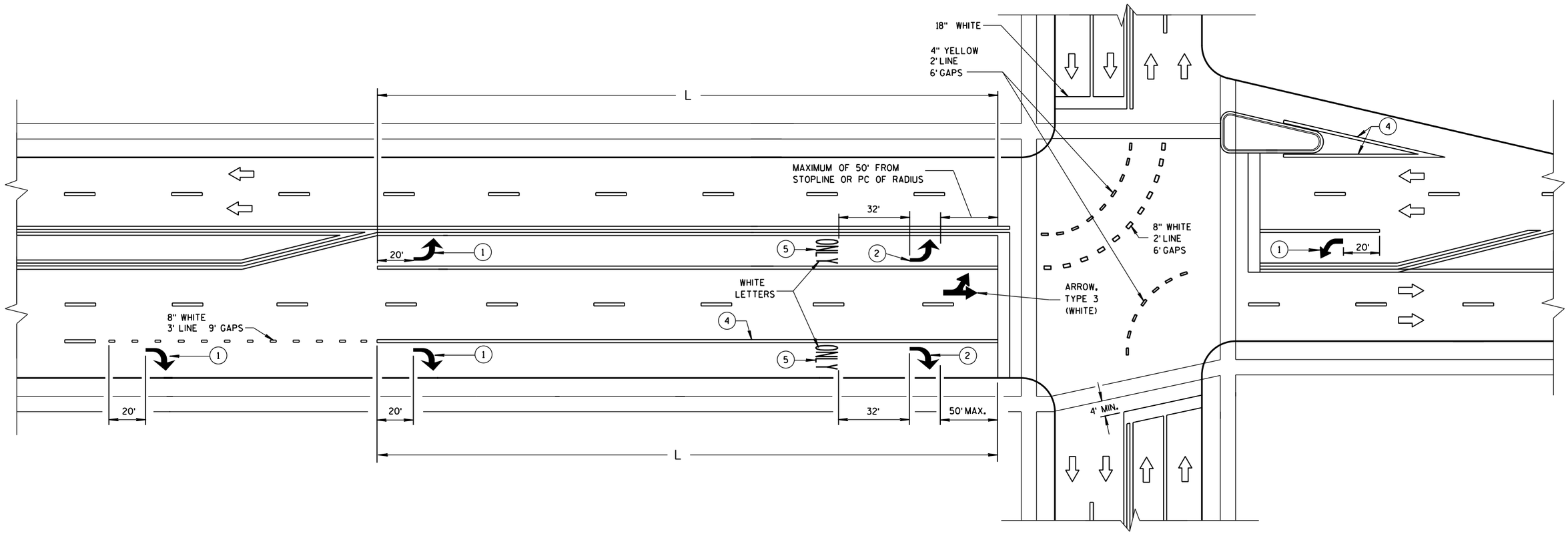
LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
Sept., 2016	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MAR 331 INEER
FHWA	

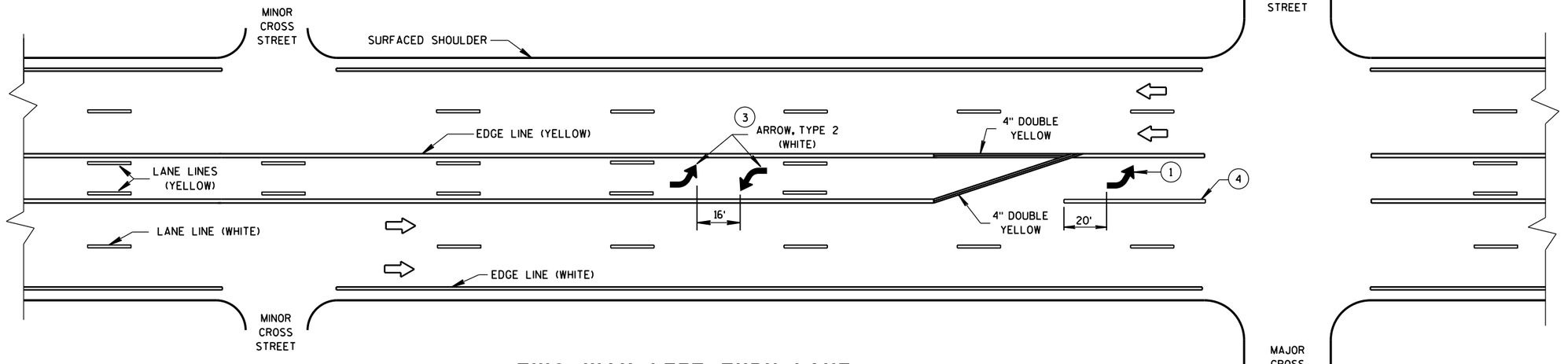
6

S.D.D. 15 C 8-17a

6

S.D.D. 15 C 8-17a





TWO WAY LEFT TURN LANE

GENERAL NOTES

(1) REQUIRED ARROW, TYPE 2 (WHITE).

(2) REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.

(3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(4) 8" WHITE

(5) REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

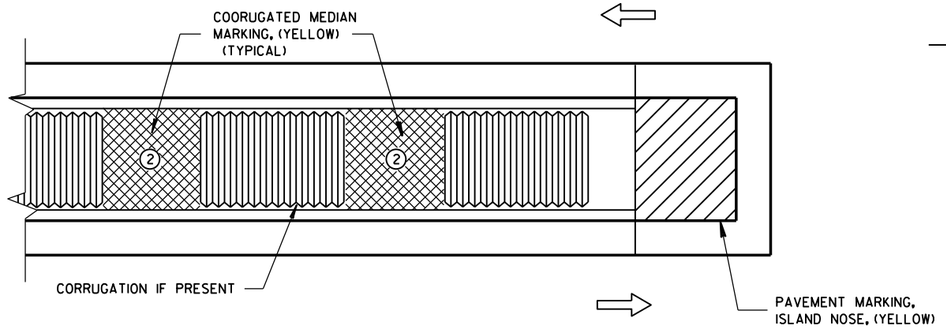
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

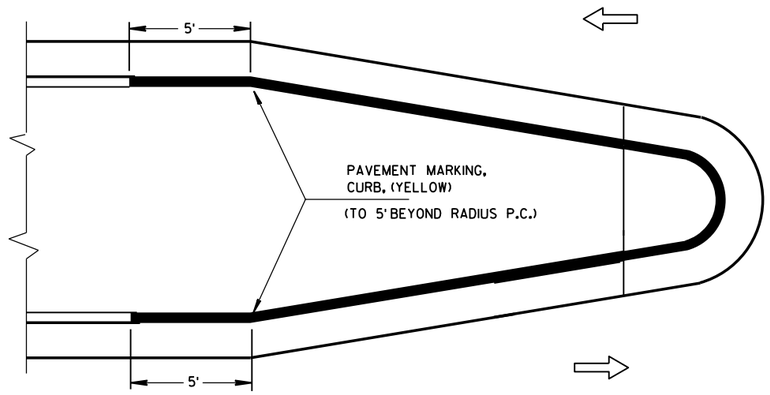
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

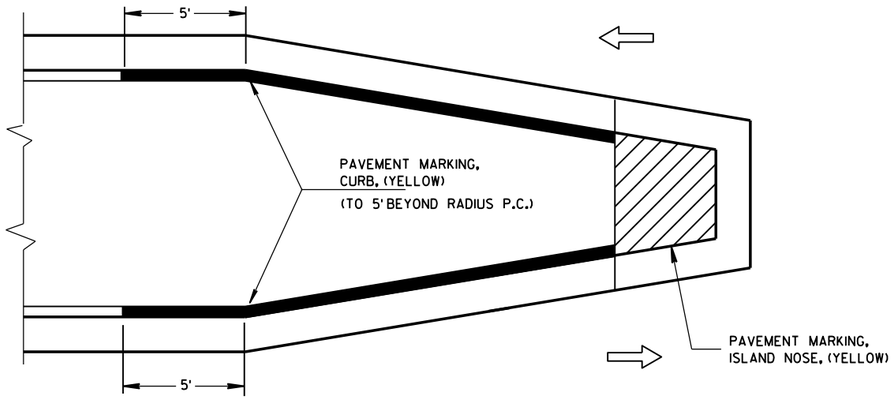
S.D.D. 15 C 8-17b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

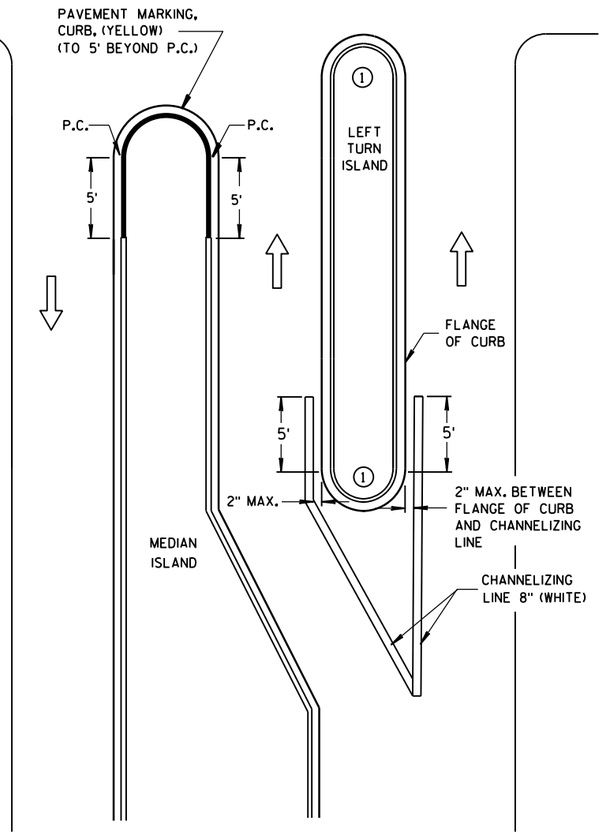


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

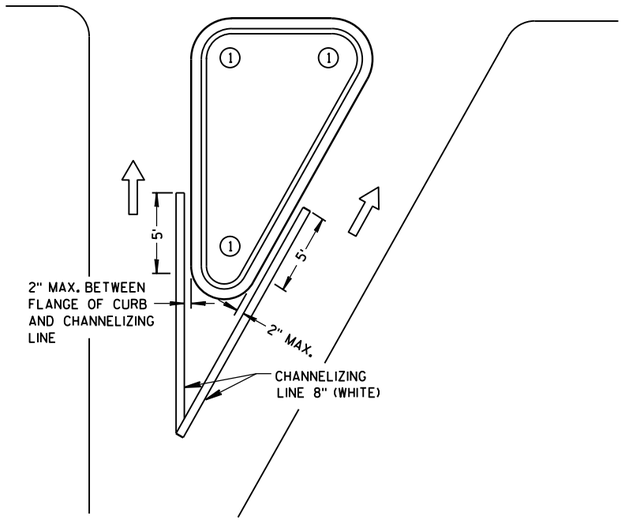


LEFT TURN & MEDIAN ISLAND

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

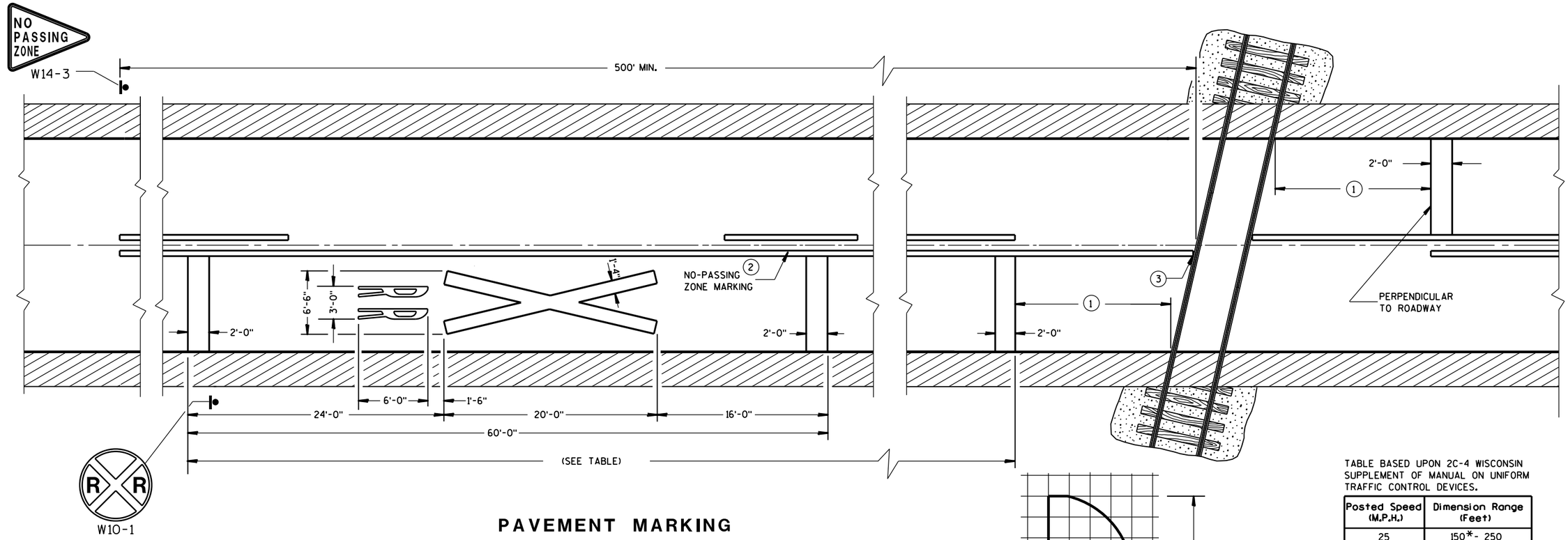
- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 C 8-17c



PAVEMENT MARKING

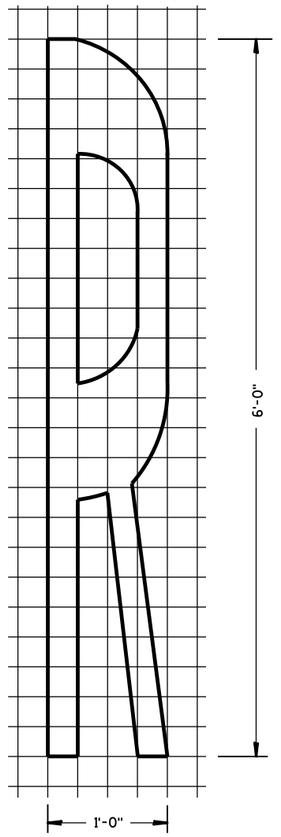


TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

Posted Speed (M.P.H.)	Dimension Range (Feet)
25	150*- 250
30	200*- 300
35	250*- 450
40	300*- 500
45	400*- 650
50	550*- 800
55	750*- 1000
60	1000*- 1250
65	1000*- 1250

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

RETRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNALS, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

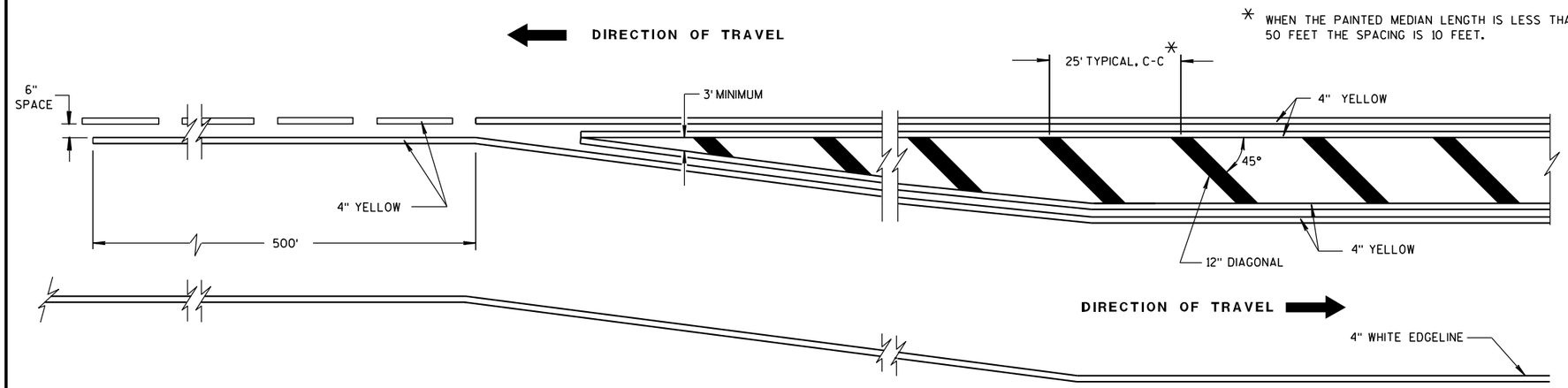
APPROVED
4-18-2016 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MAI[illegible]GINEER
FHWA

6

S.D.D. 15 C 9-10a

6

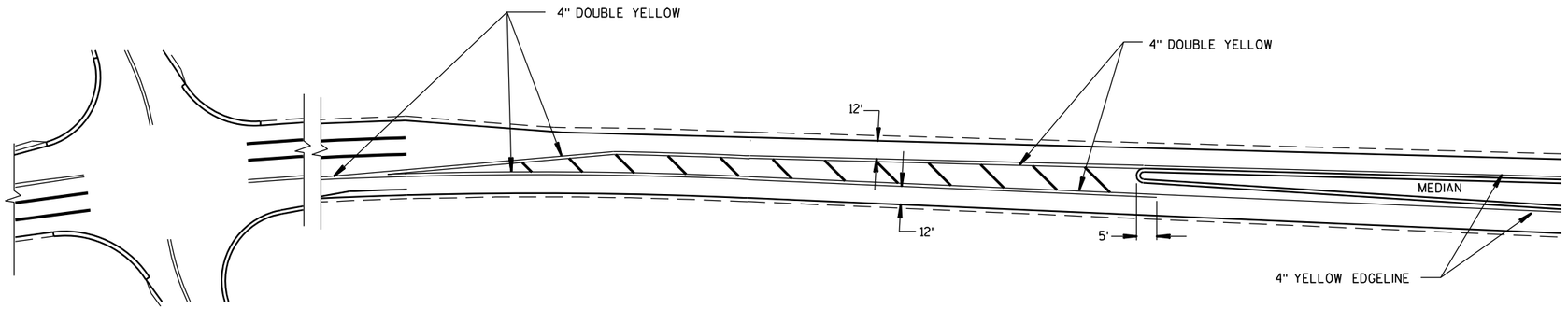
S.D.D. 15 C 9-10a



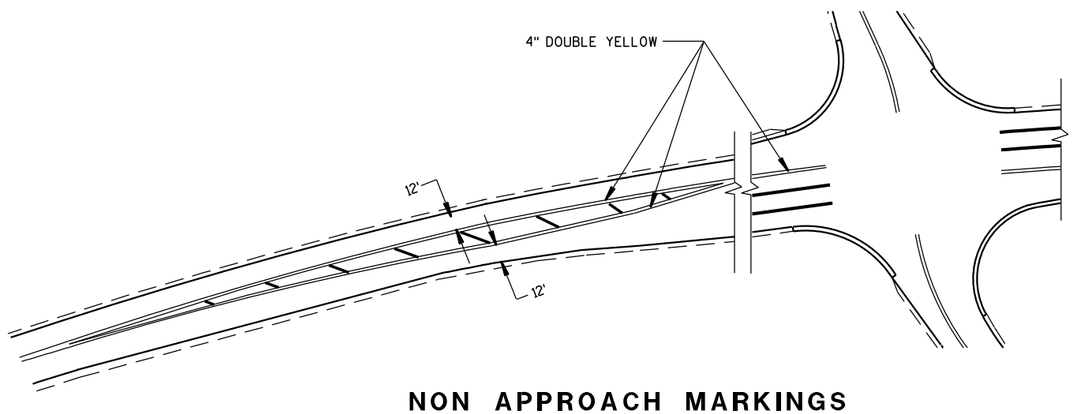
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

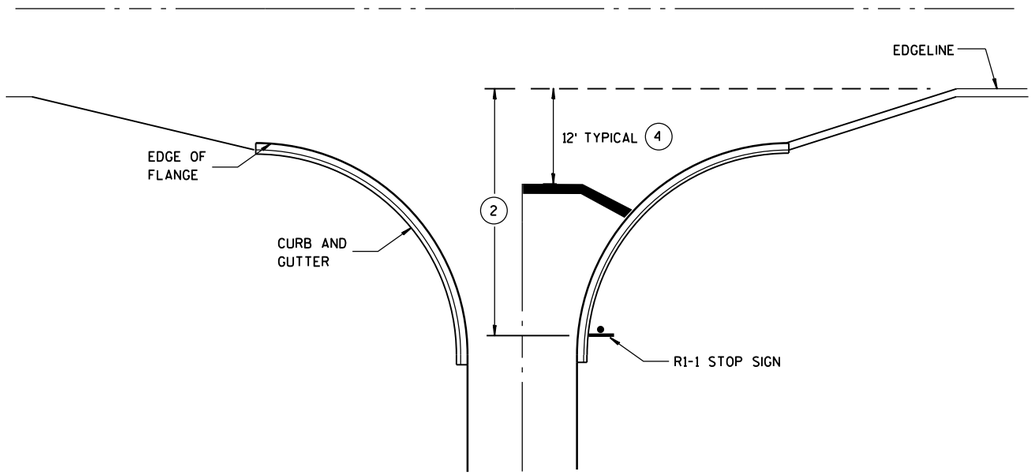
MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER 335 IGN
FHWA	

6

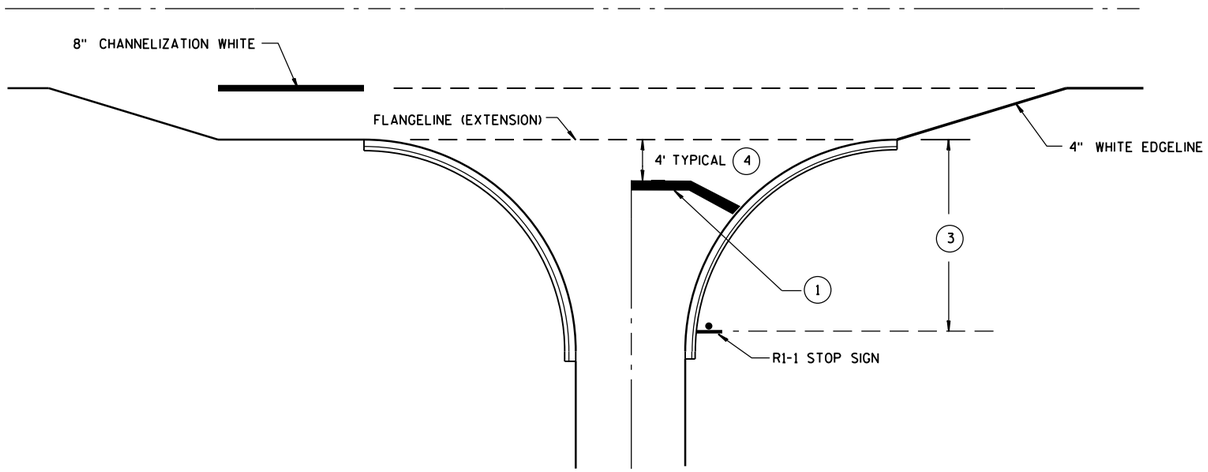
S.D.D. 15 C 18-3

6

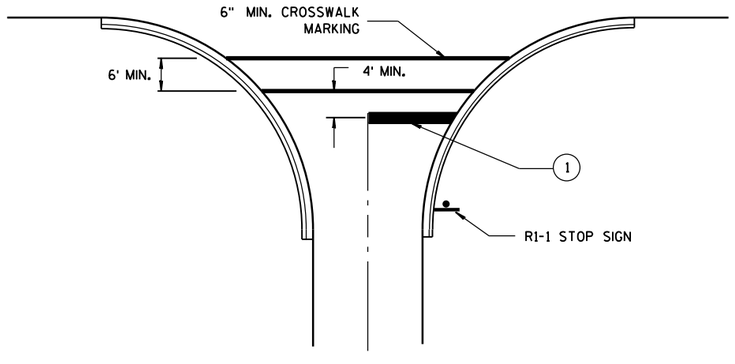
S.D.D. 15 C 18-3



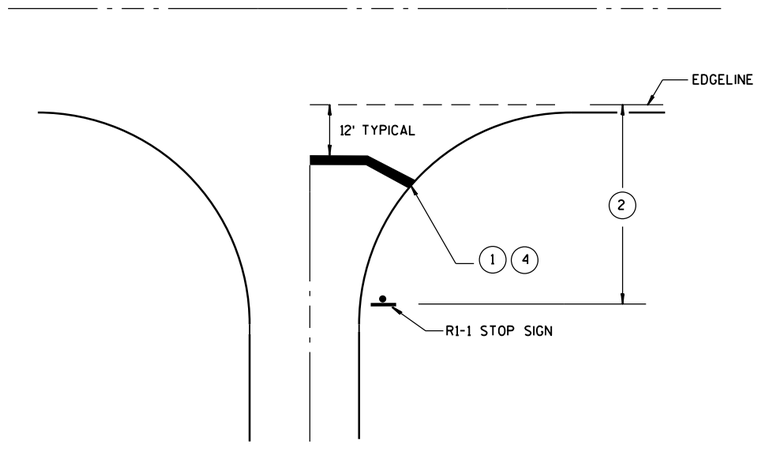
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



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. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

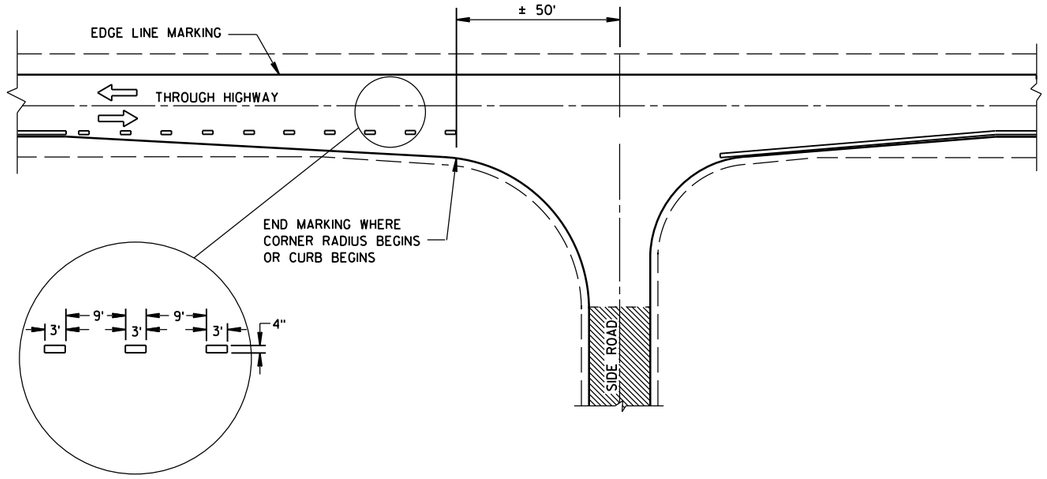
APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR 336 NEER

FHWA

6
S.D.D. 15 C 33-2



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

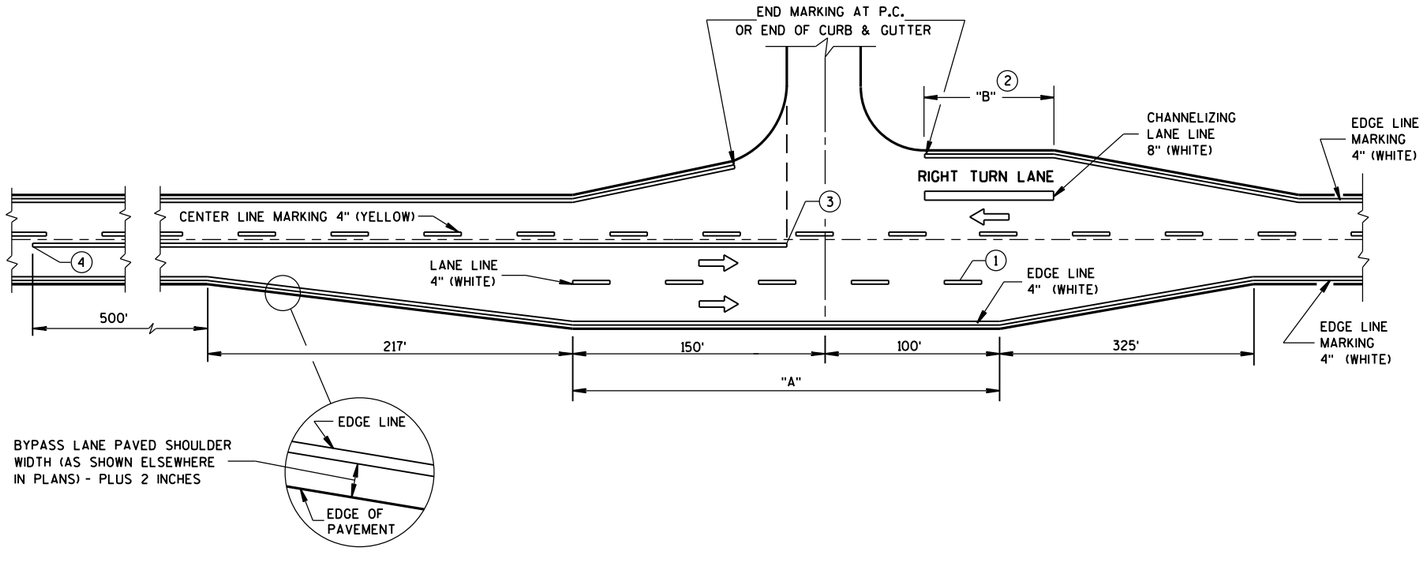
(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(4) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 35-1a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

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. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

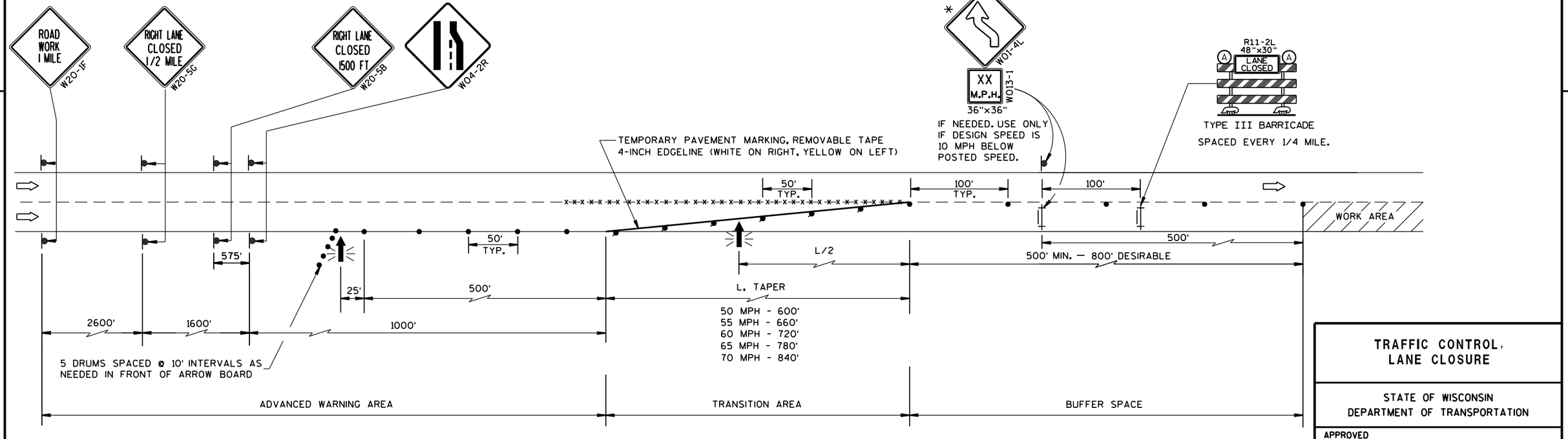
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

6

S.D.D. 15 D 12-6a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

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. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

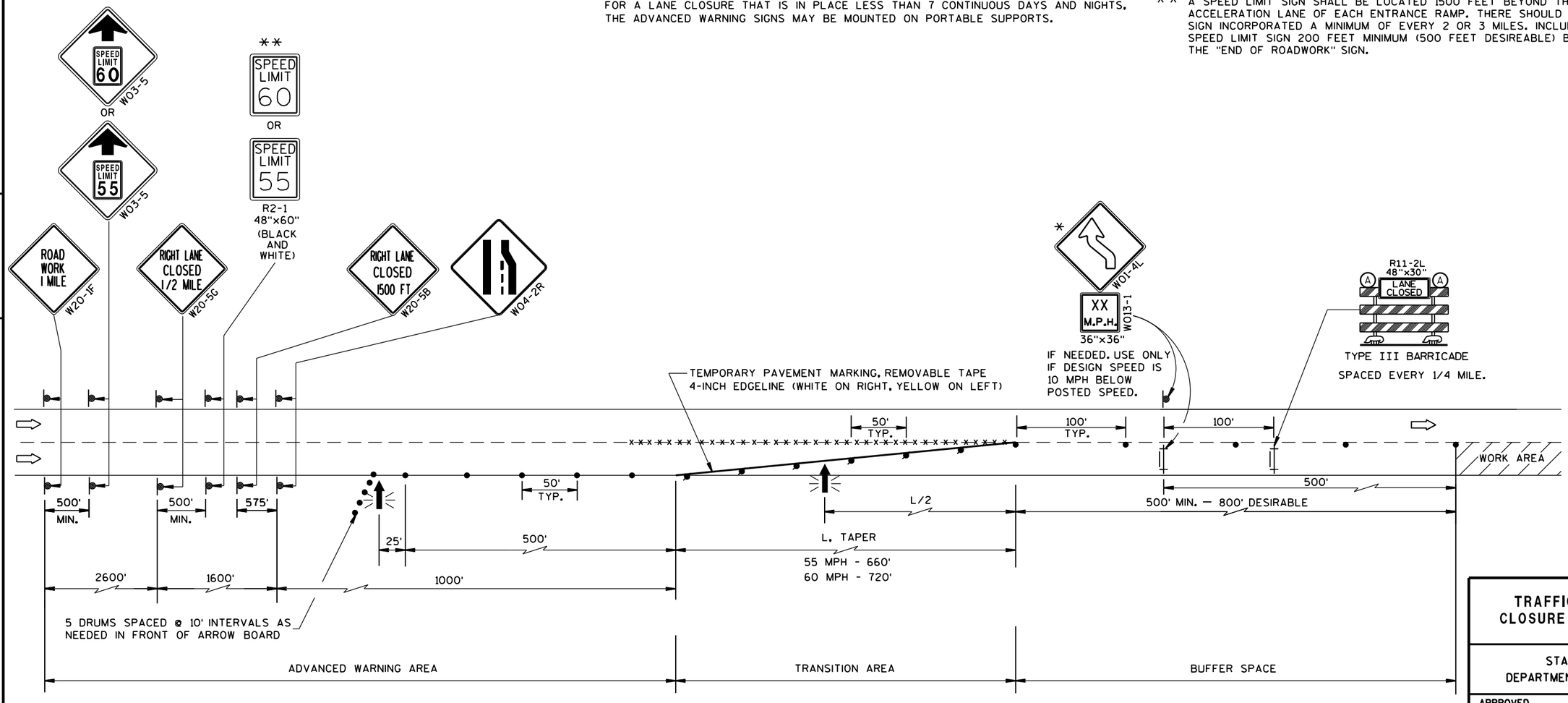
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

** A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIREABLE) BEYOND THE "END OF ROADWORK" SIGN.



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

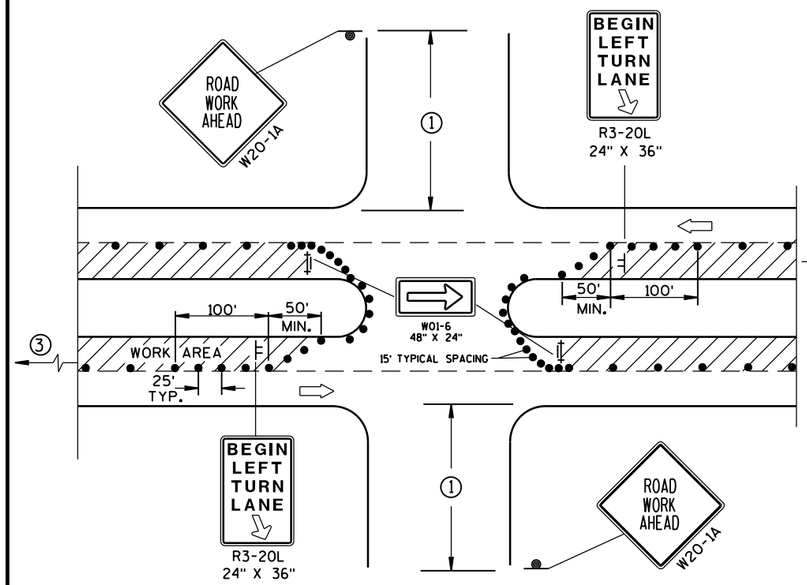
APPROVED
March 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGIN IC
FHWA

6

S.D.D. 15 D 12-6b

6

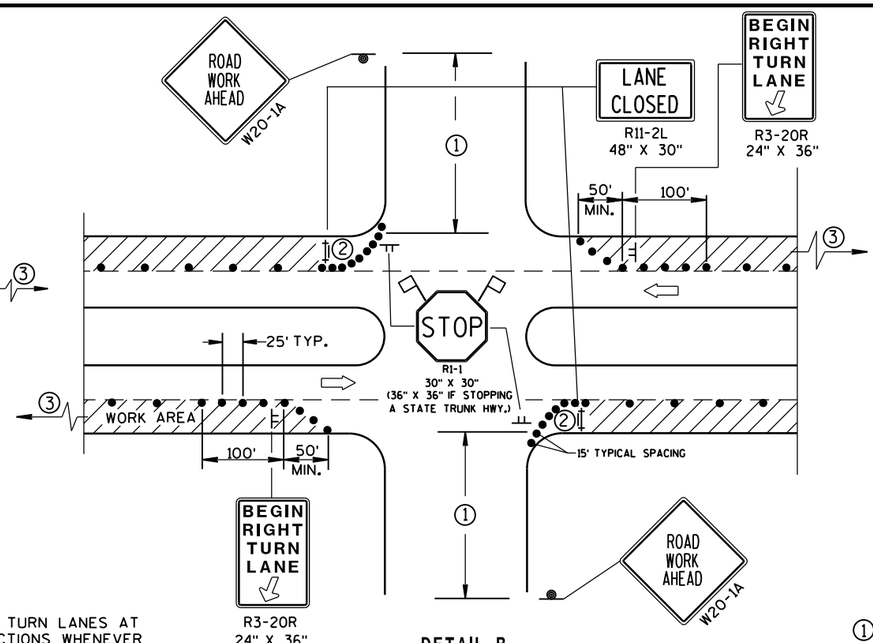
S.D.D. 15 D 12-6b



DETAIL A

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



DETAIL B

FOR RIGHT LANE CLOSURE AT INTERSECTION

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN 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.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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, OR THAT WILL BE PLACED IN A CLOSED LANE, 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.

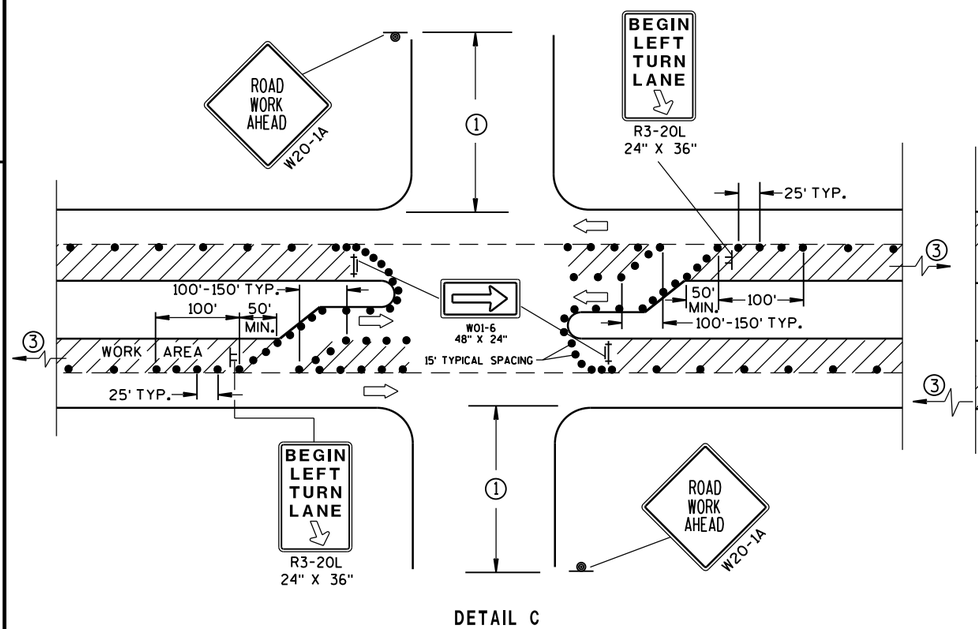
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE 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.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35-40 MPH.
200' IF 25-30 MPH.

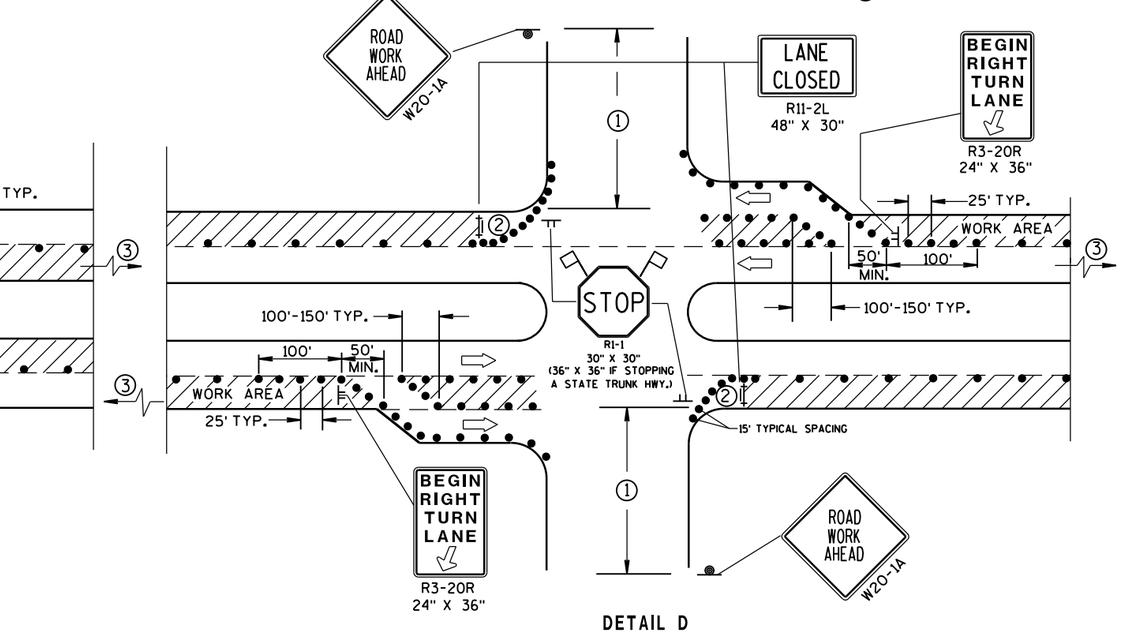
(2) ALSO USE BARRICADE AND 15-FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.



DETAIL C

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)



DETAIL D

FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT (5' MIN. MOUNTING HEIGHT)
- TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., (ORANGE)
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016
DATE

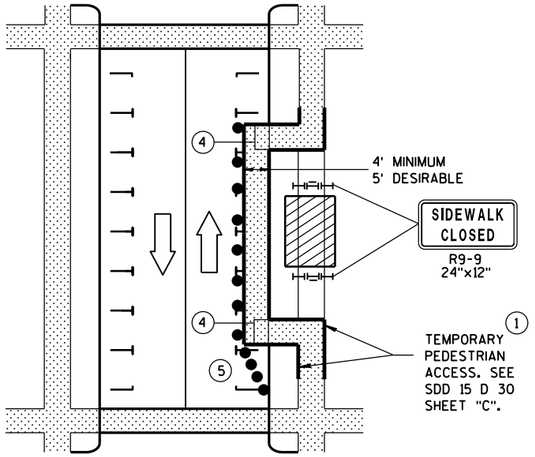
/S/ Peter Anakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

6

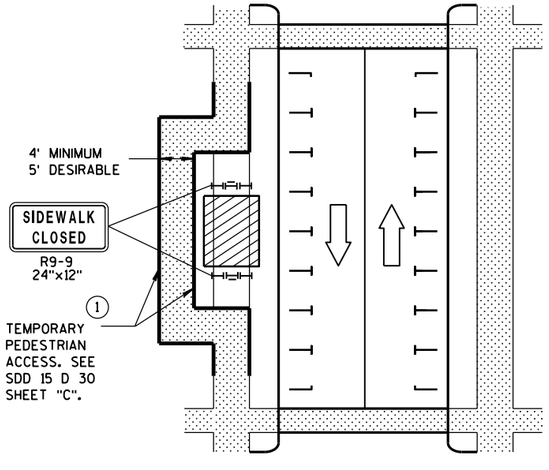
S.D.D. 15 D 21-4

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

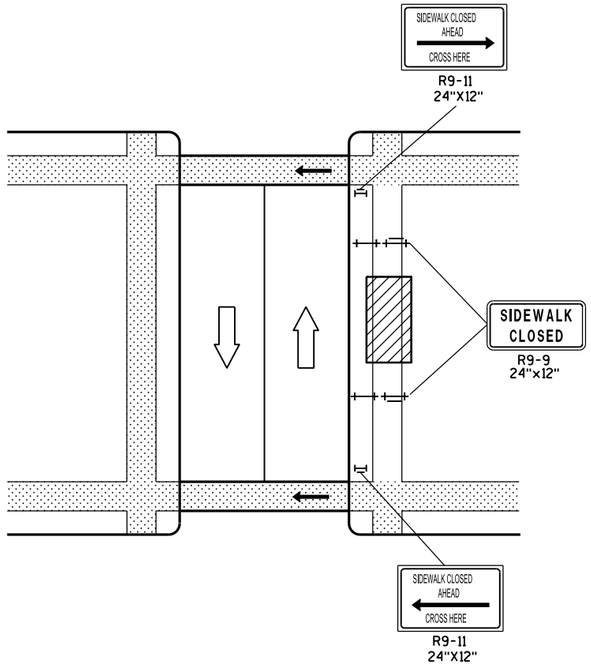


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

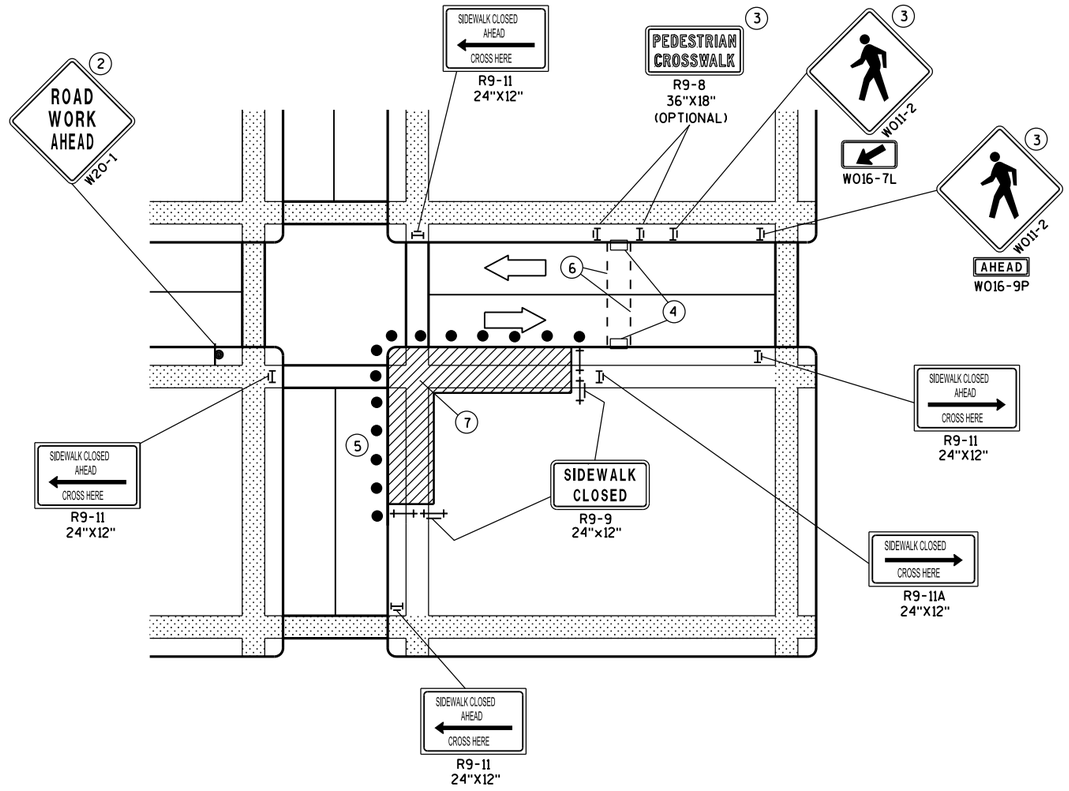
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

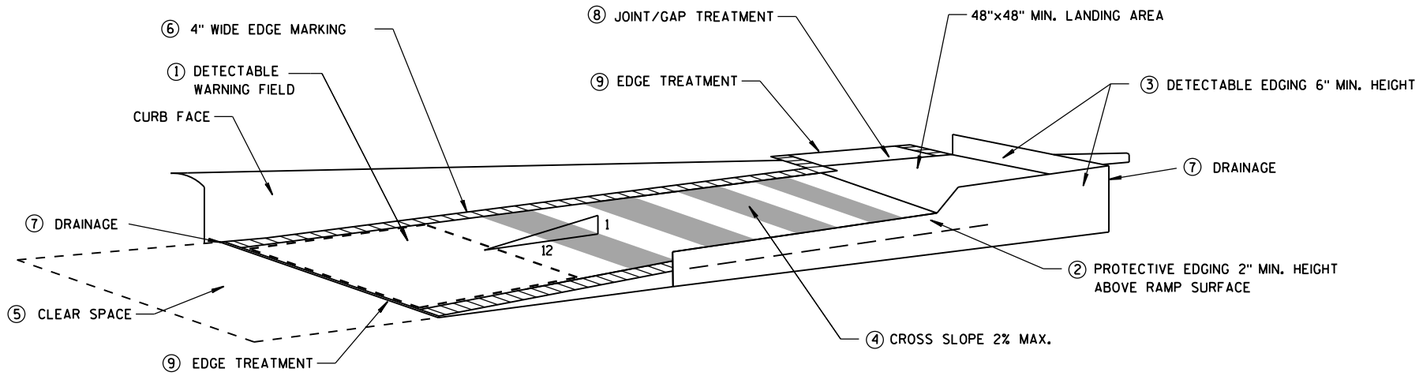
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 D 30-3a

6

S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

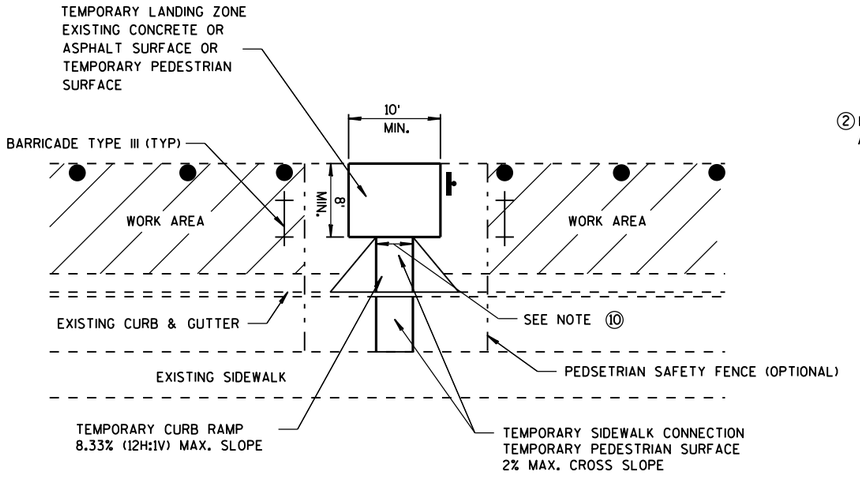
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

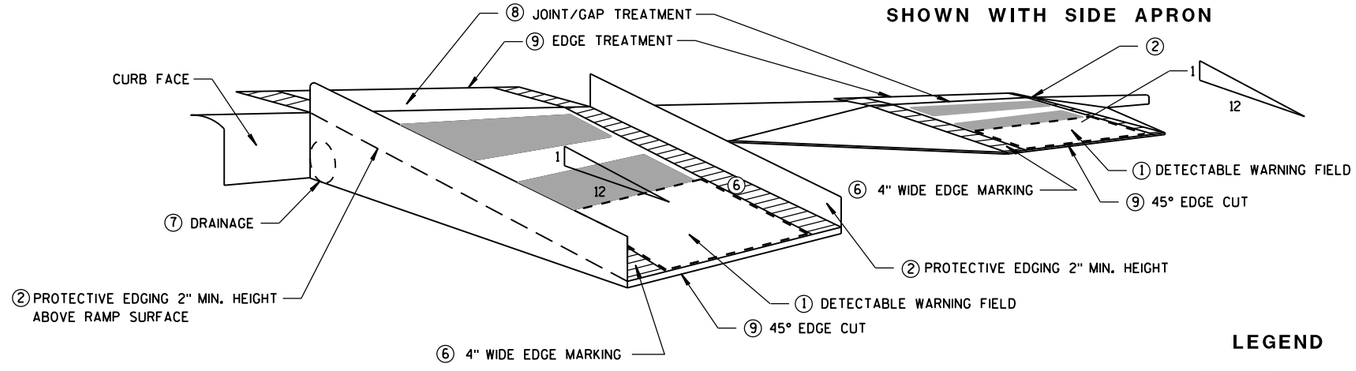
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

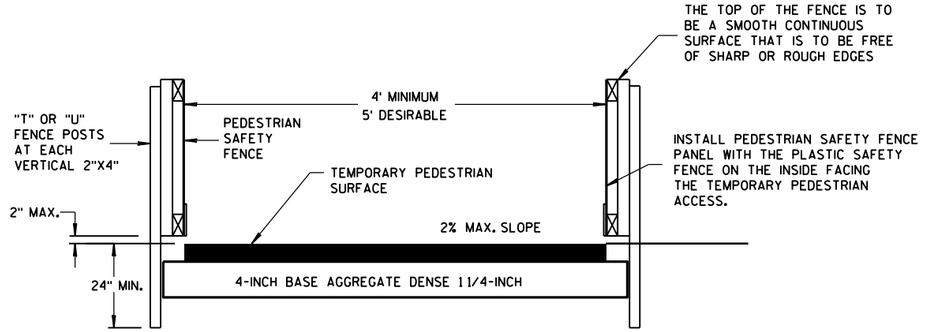
FHWA

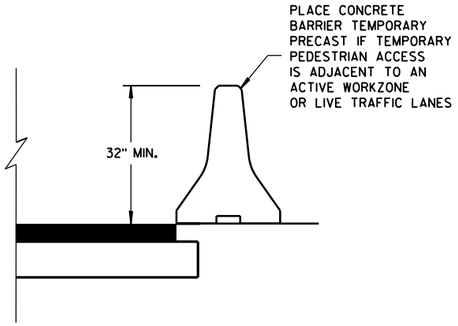
6

S.D.D. 15 D 30-3b

6

S.D.D. 15 D 30-3b

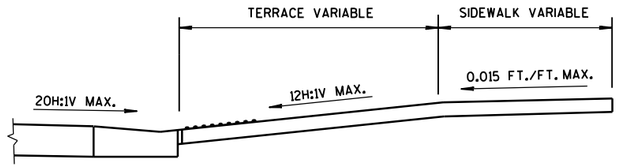




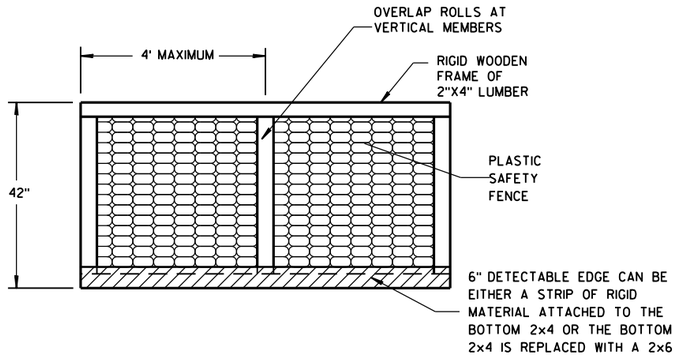
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

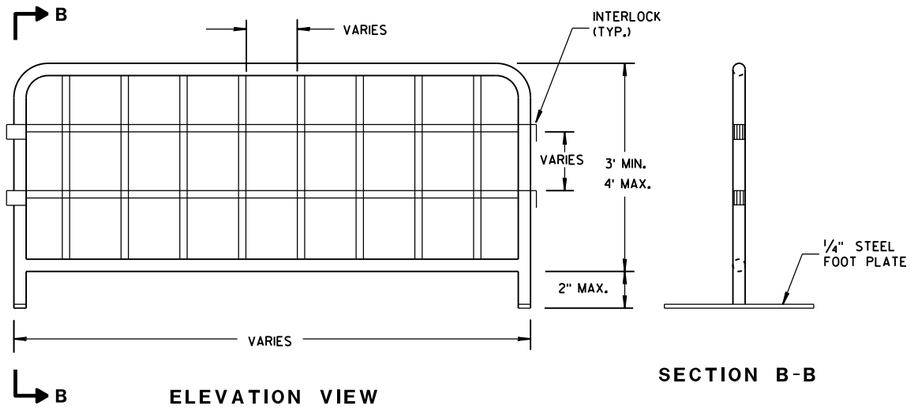
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



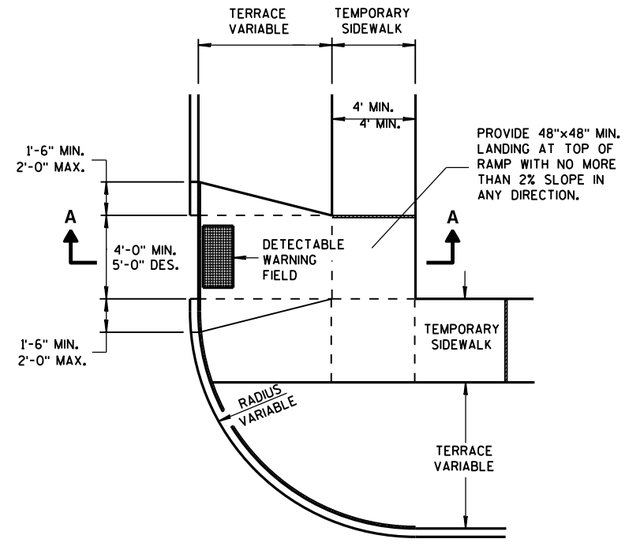
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

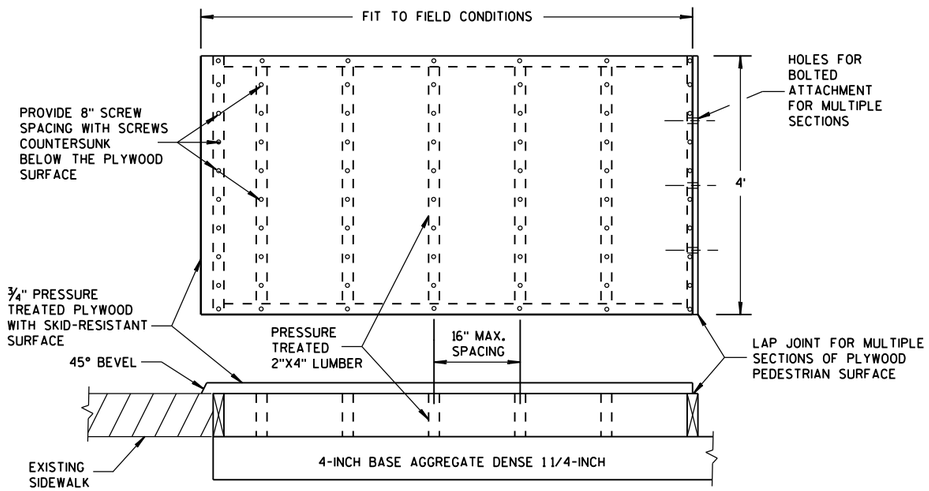
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



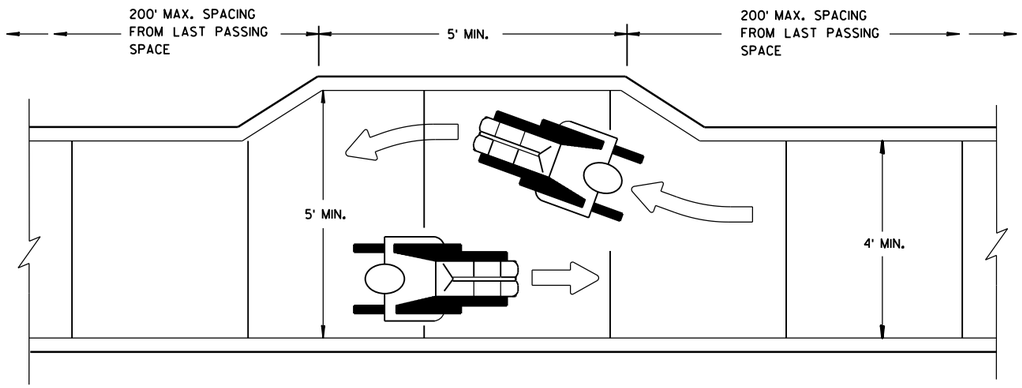
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

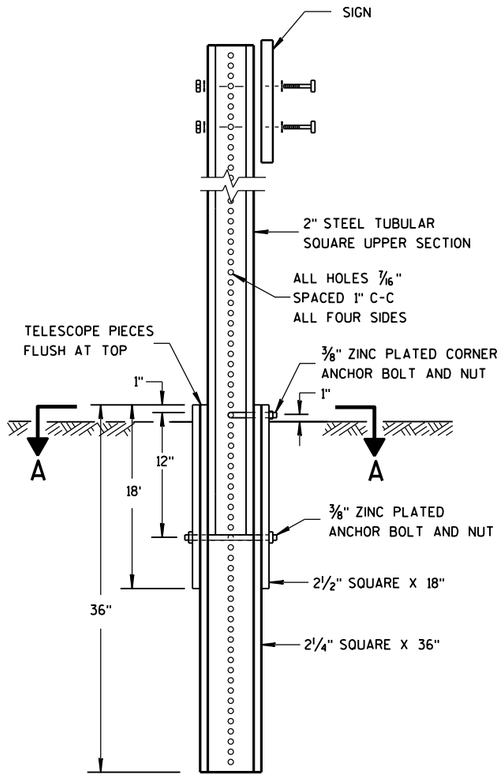
APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON IC
SAFETY ENGIN
FHWA

6

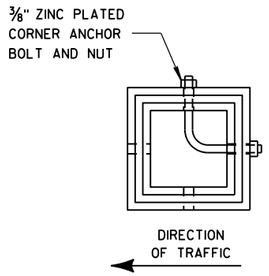
S.D.D. 15 D 30-3c

6

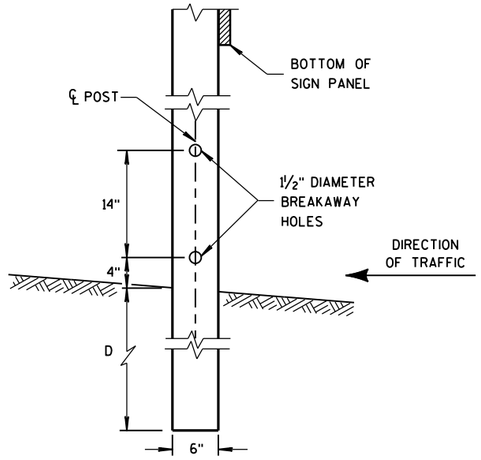
S.D.D. 15 D 30-3c



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



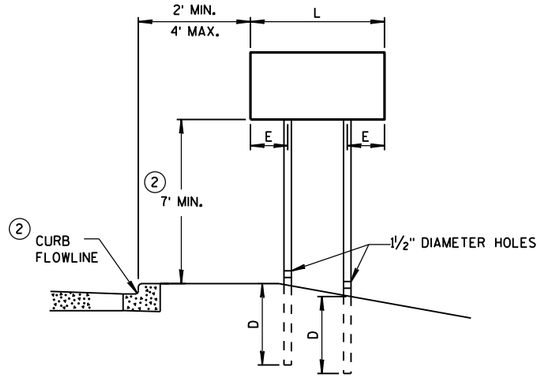
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

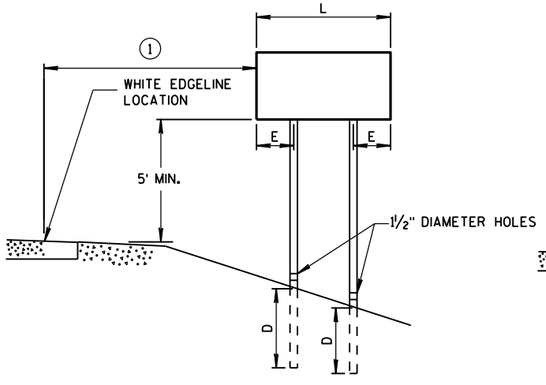
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

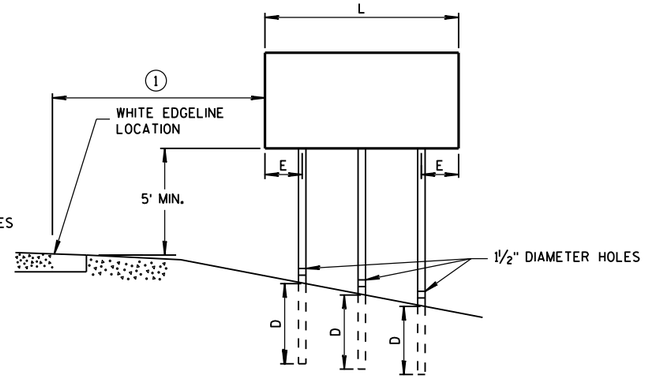
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL 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).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

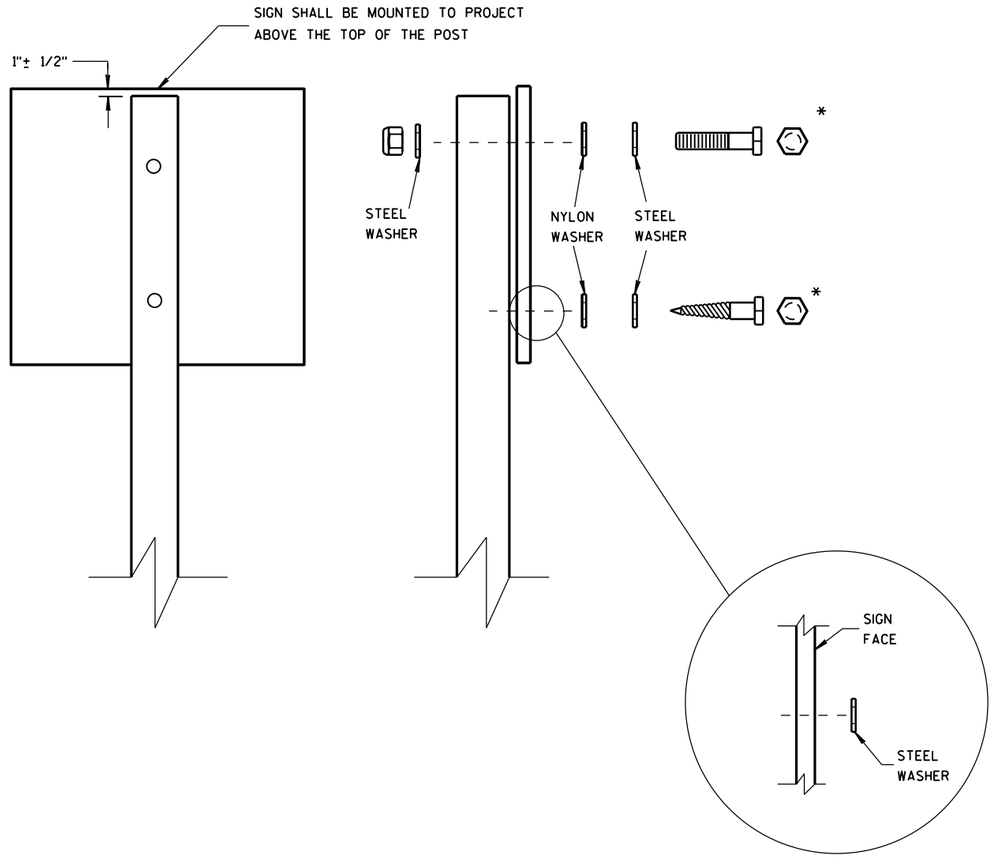
SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

STATE OF WISCONSIN DEPARTMENT OF TRANSPO

6

S.D.D. 15 D 38-1a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

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

* 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. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

6

S.D.D. 15 D 38-1b

S.D.D. 15 D 38-1b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

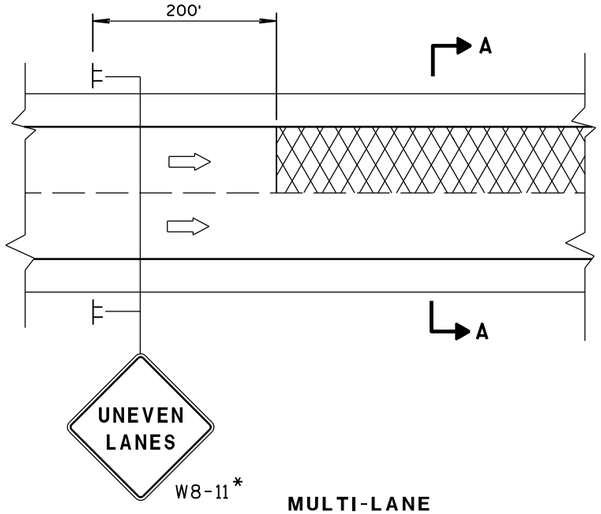
APPROVED

Feb. 2015 — DATE

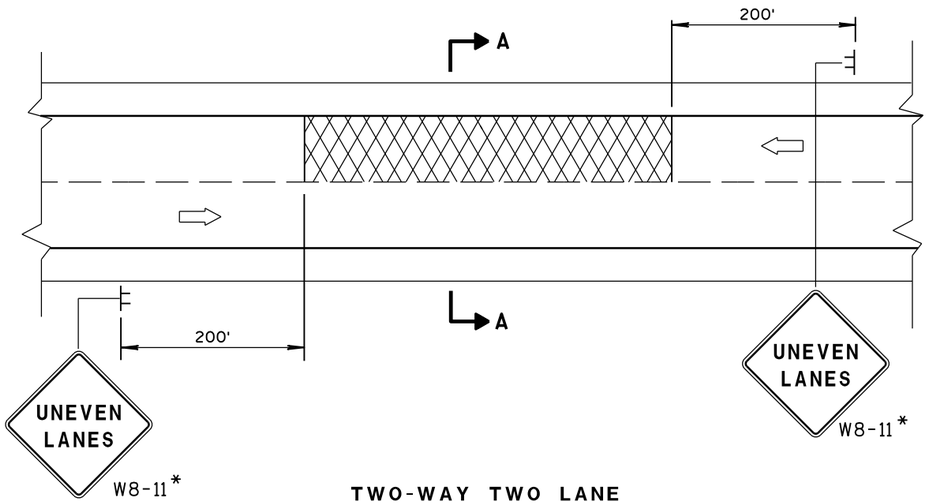
/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

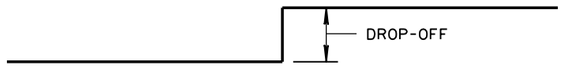
SIGN



MULTI-LANE

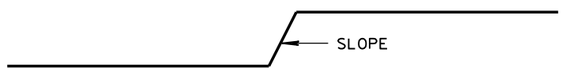


TWO-WAY TWO LANE

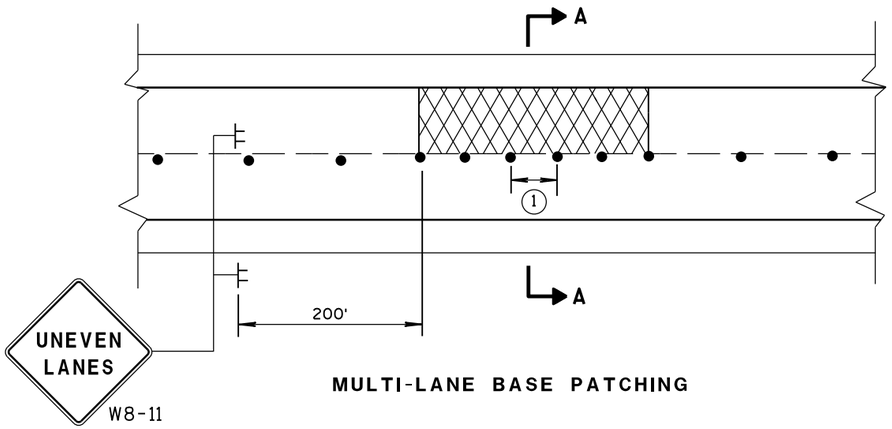


SECTION A-A

OR

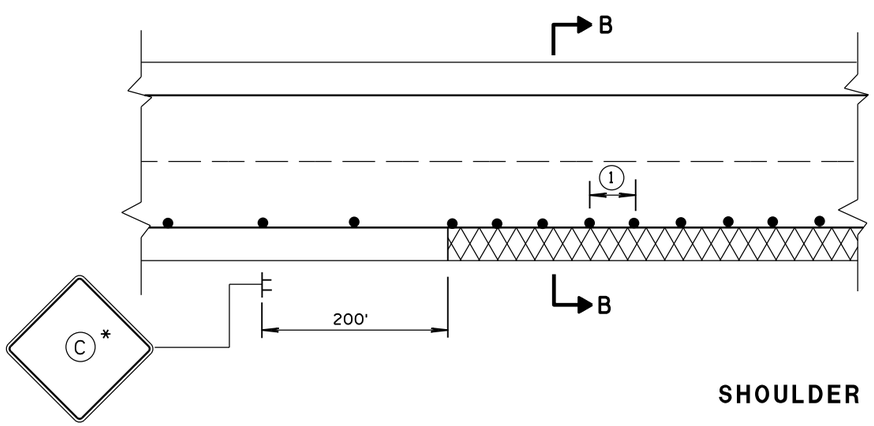


SECTION A-A

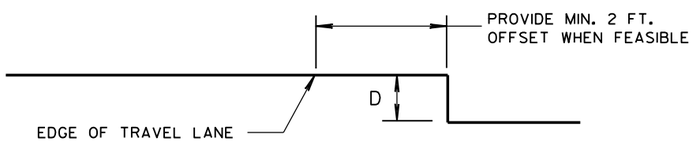


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B-B

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY ½ MILE.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER W08-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP-OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

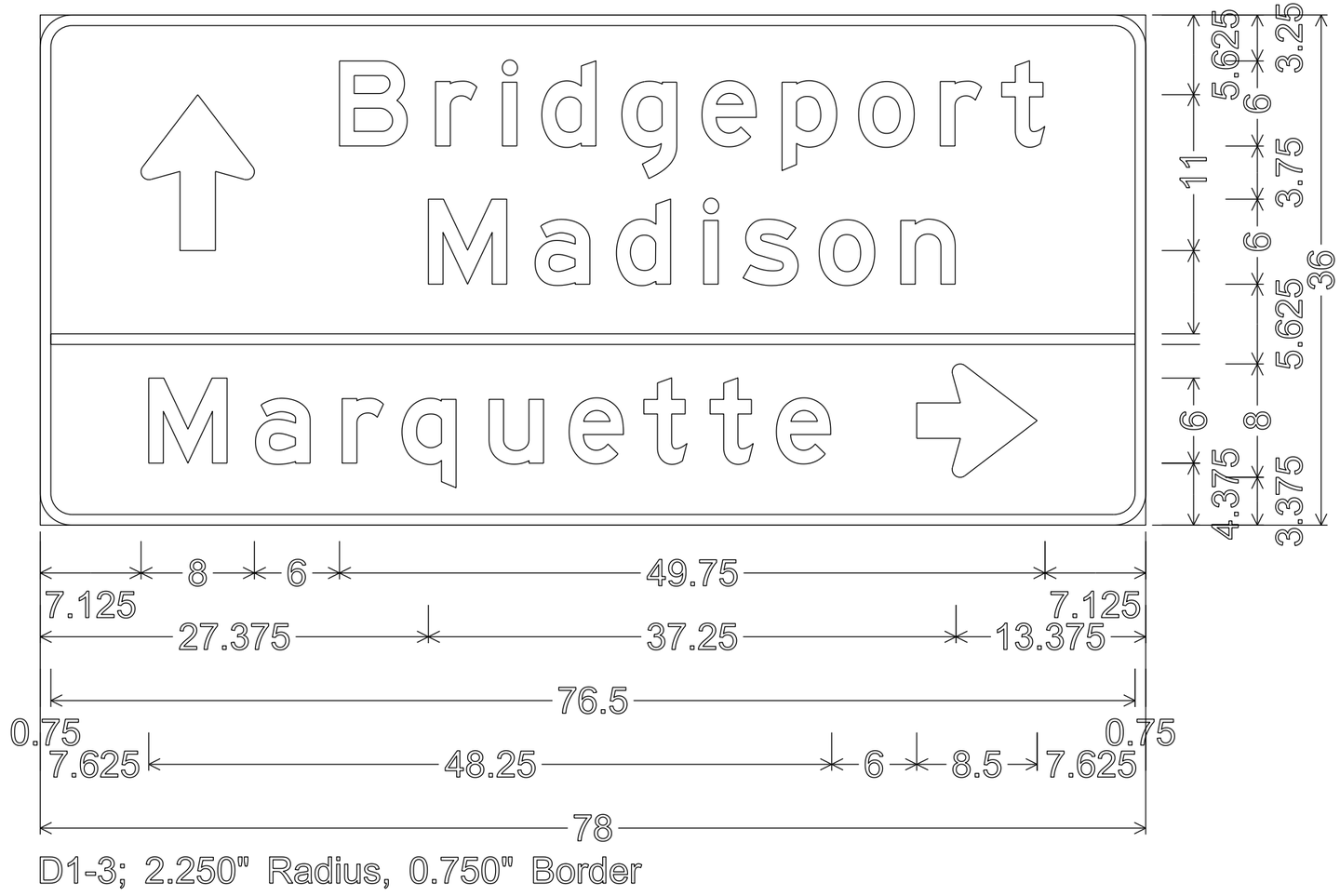
APPROVED
March, 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGI
FHWA

6

S.D.D. 15 D 39-1

NOTES

1. Signs are Type II- Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



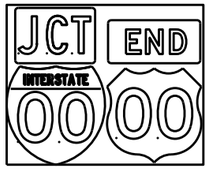
D1-3; 2.250" Radius, 0.750" Border

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	PERMANENT SIGNING	SHEET NO:	E

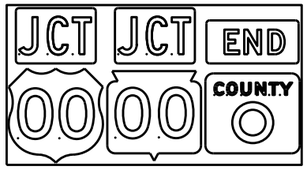
FILE NAME : C:\CAEfiles\Projects\tr_d5\5121a416.dgn PLOT DATE : 26-APR-2016 08:22 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.946907:1.000000
WISDOT/CADDS SHEET 42

TYPICAL ASSEMBLIES

J1-1

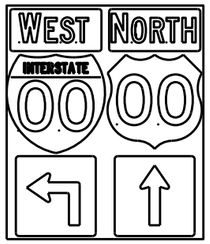


J1-2

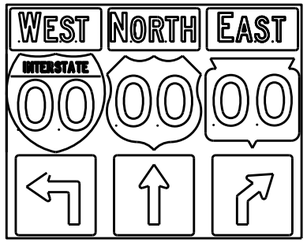


J1-3

J2-1



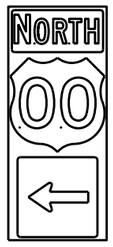
J2-2



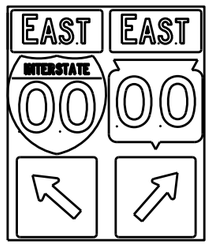
J2-3

JV

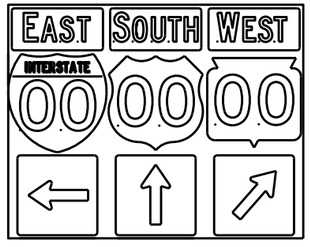
(Typical Vertical J-Assembly
See Note 10 and 11)



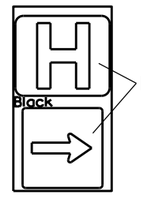
J3-1



J3-2



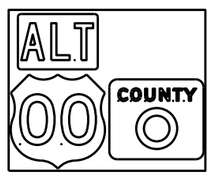
J3-3



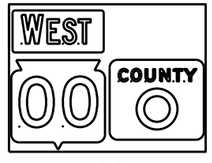
Blue Background

JH-1

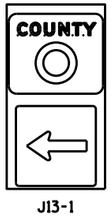
J4-1



J4-2



J4-2



J13-1

J12-1

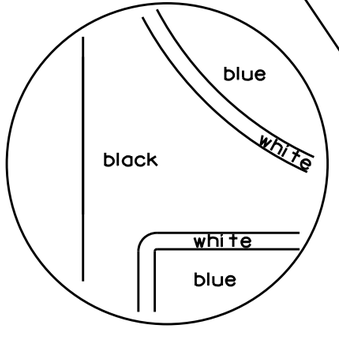
J32-1

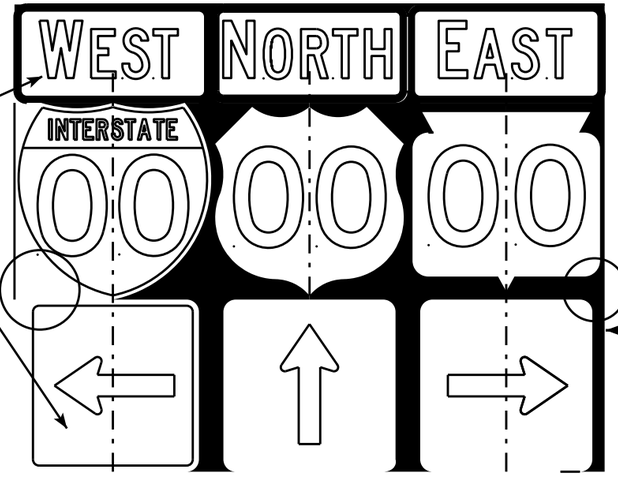
J33-1

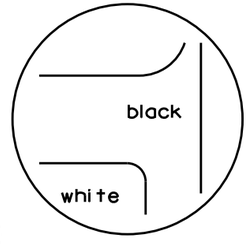
J23-1

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

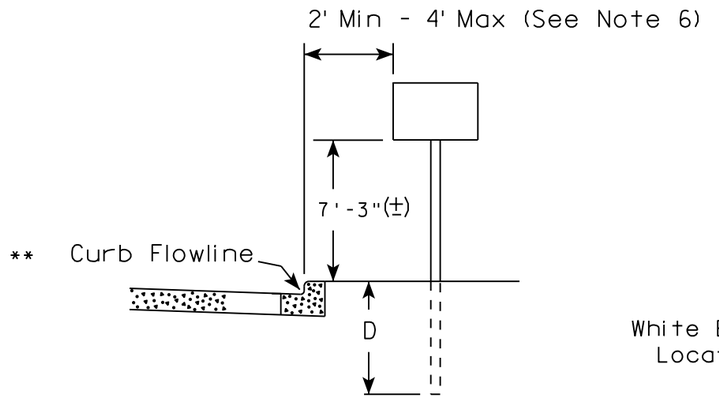
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL... A2-1S.8

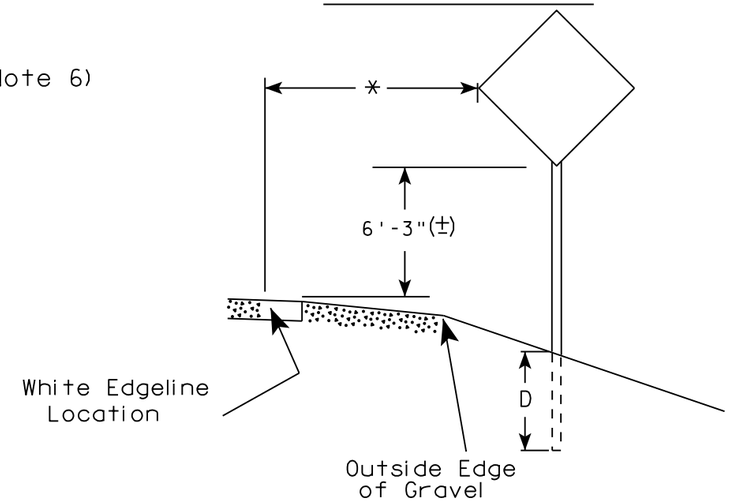
PROJECT NO: SHEET NO: E

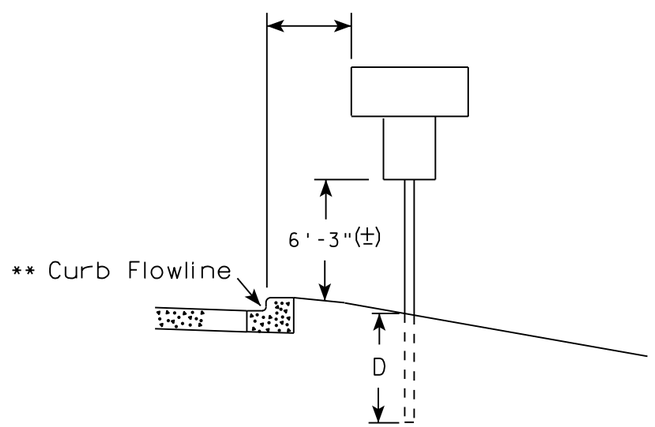
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :
WISDOT/CADDS SHEET 42

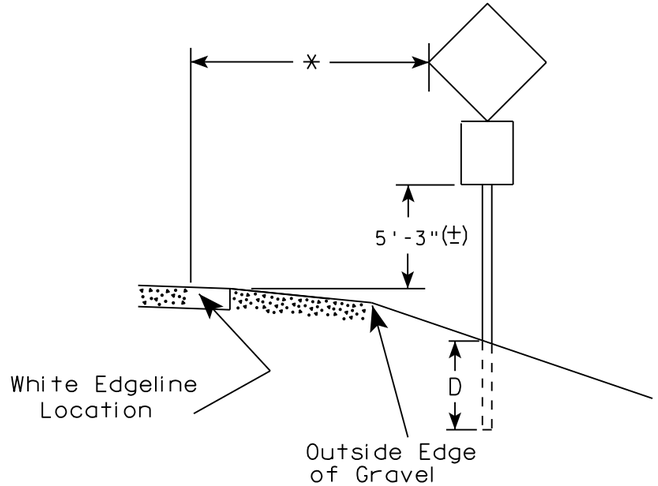
URBAN AREA



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. J-Assemblies are considered to be one sign for mounting height.
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

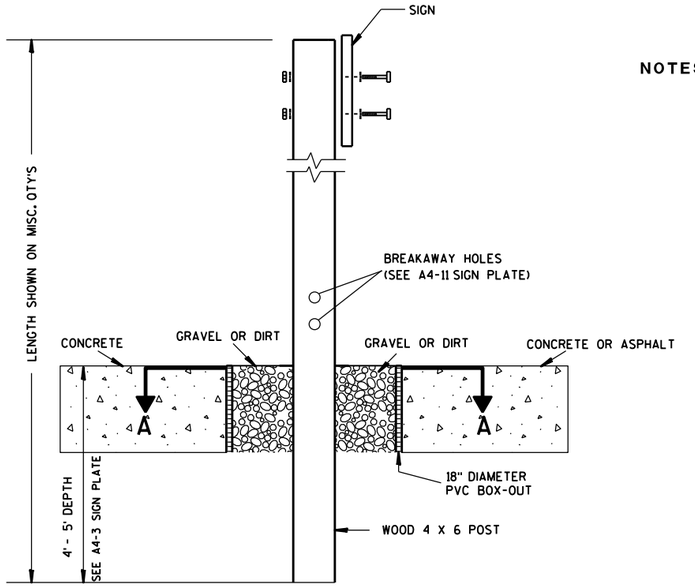
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-3.21

7

7

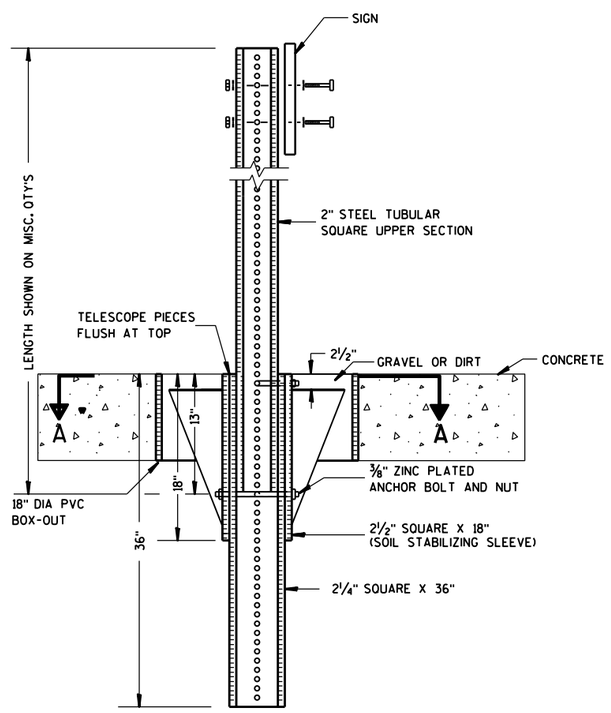
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 349	E



ELEVATION VIEW

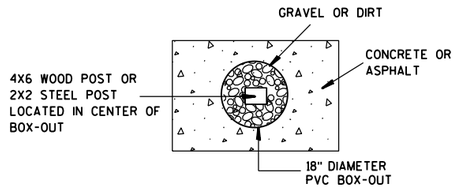
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

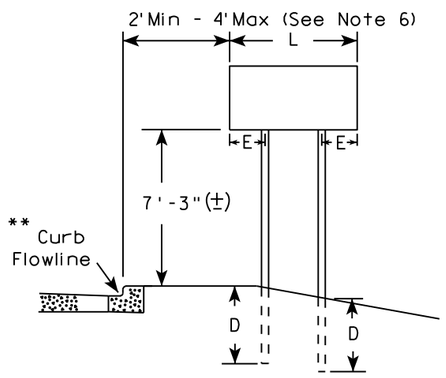
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

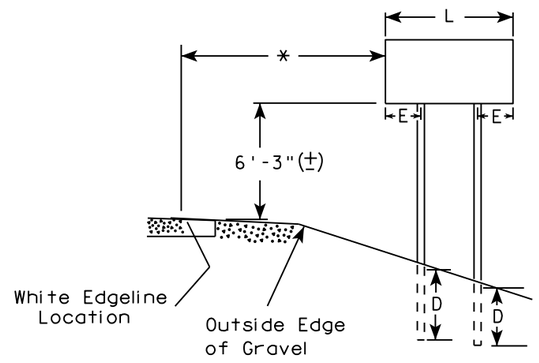
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

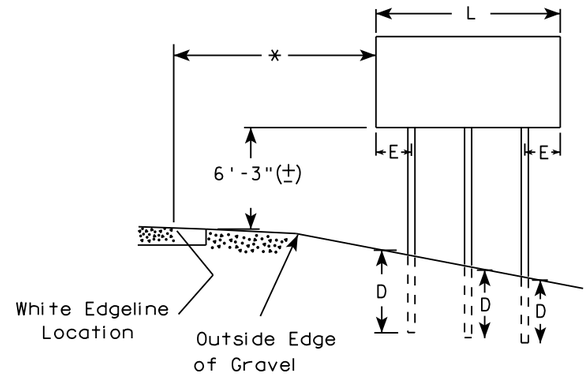
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

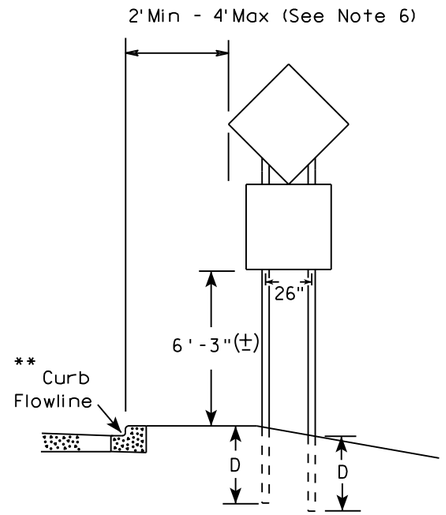
URBAN AREA



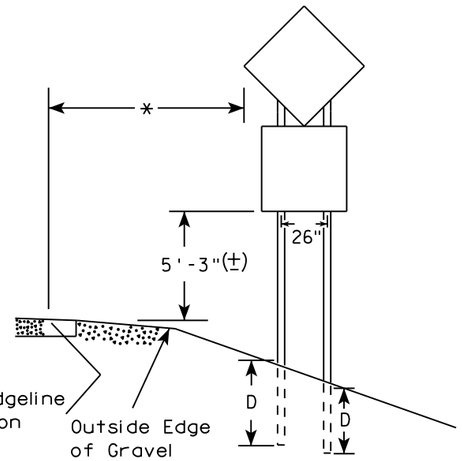
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

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. J-Assemblies are considered to be one sign for mounting height.
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.

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

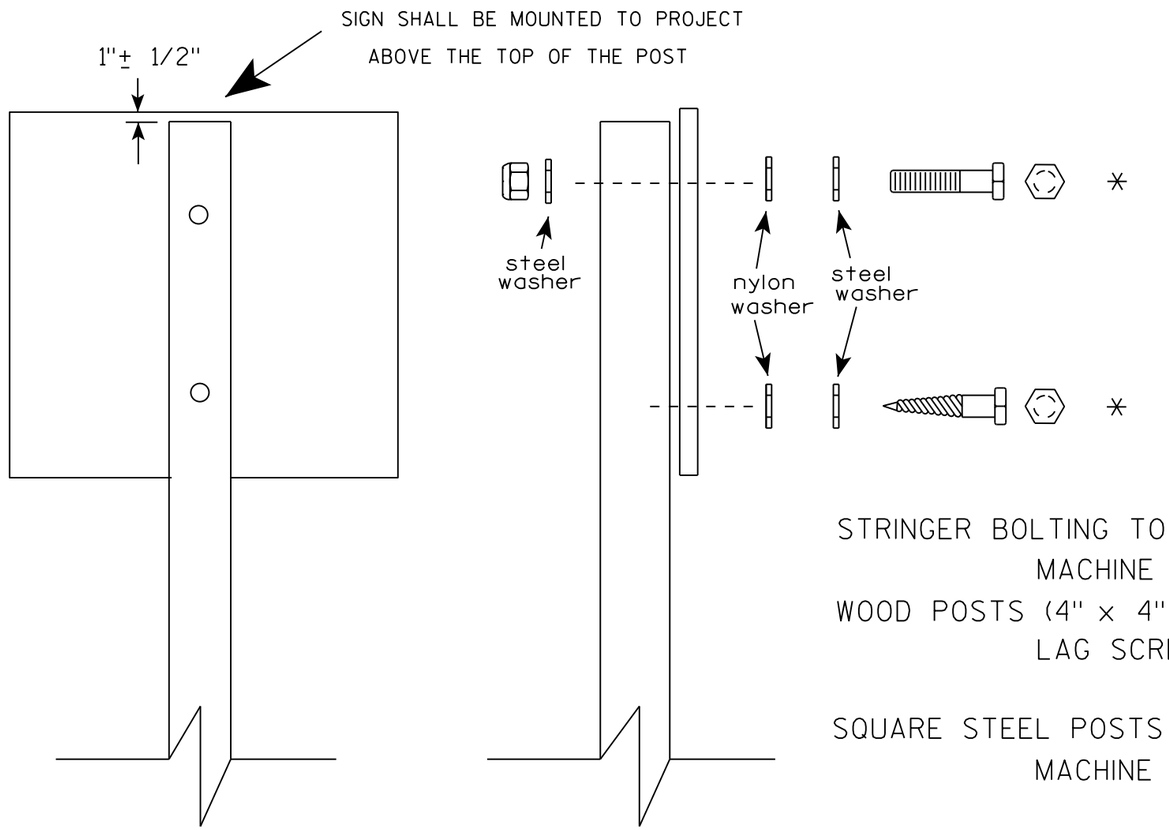
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

7

7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 351 | 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.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts
WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)
SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
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

* 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

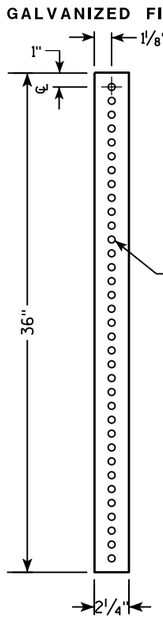
DATE 8/11/16 PLATE NO. A4-8.8

PROJECT NO: SHEET NO: E

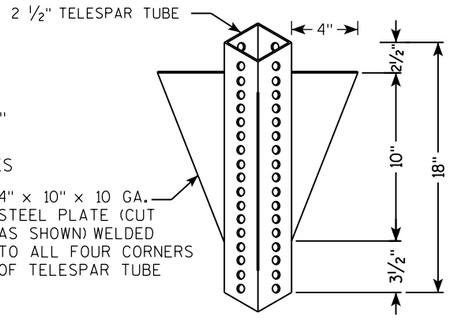
FILE NAME : C:\CADfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

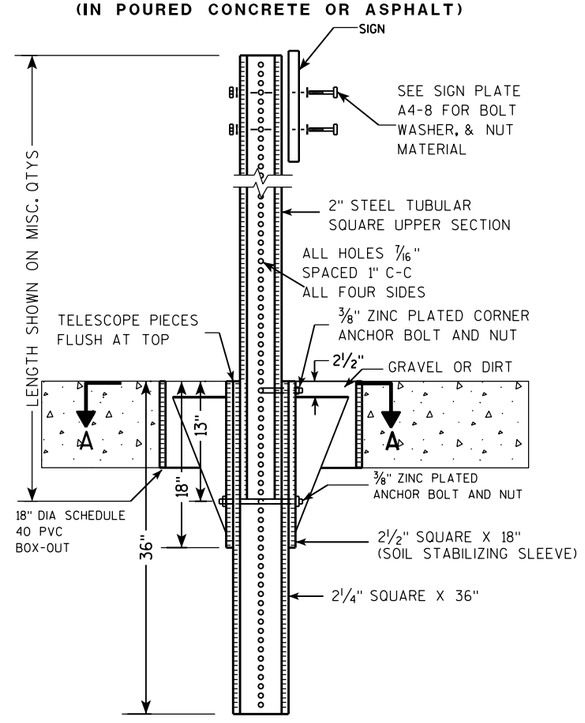
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



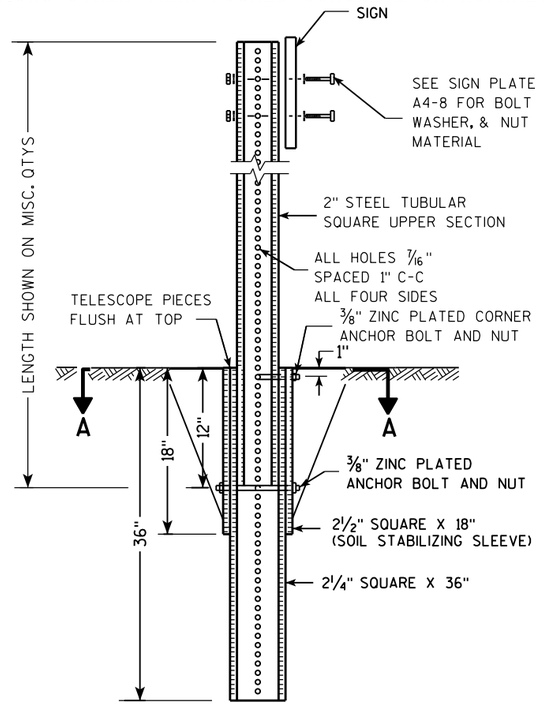
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

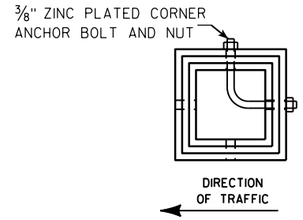


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

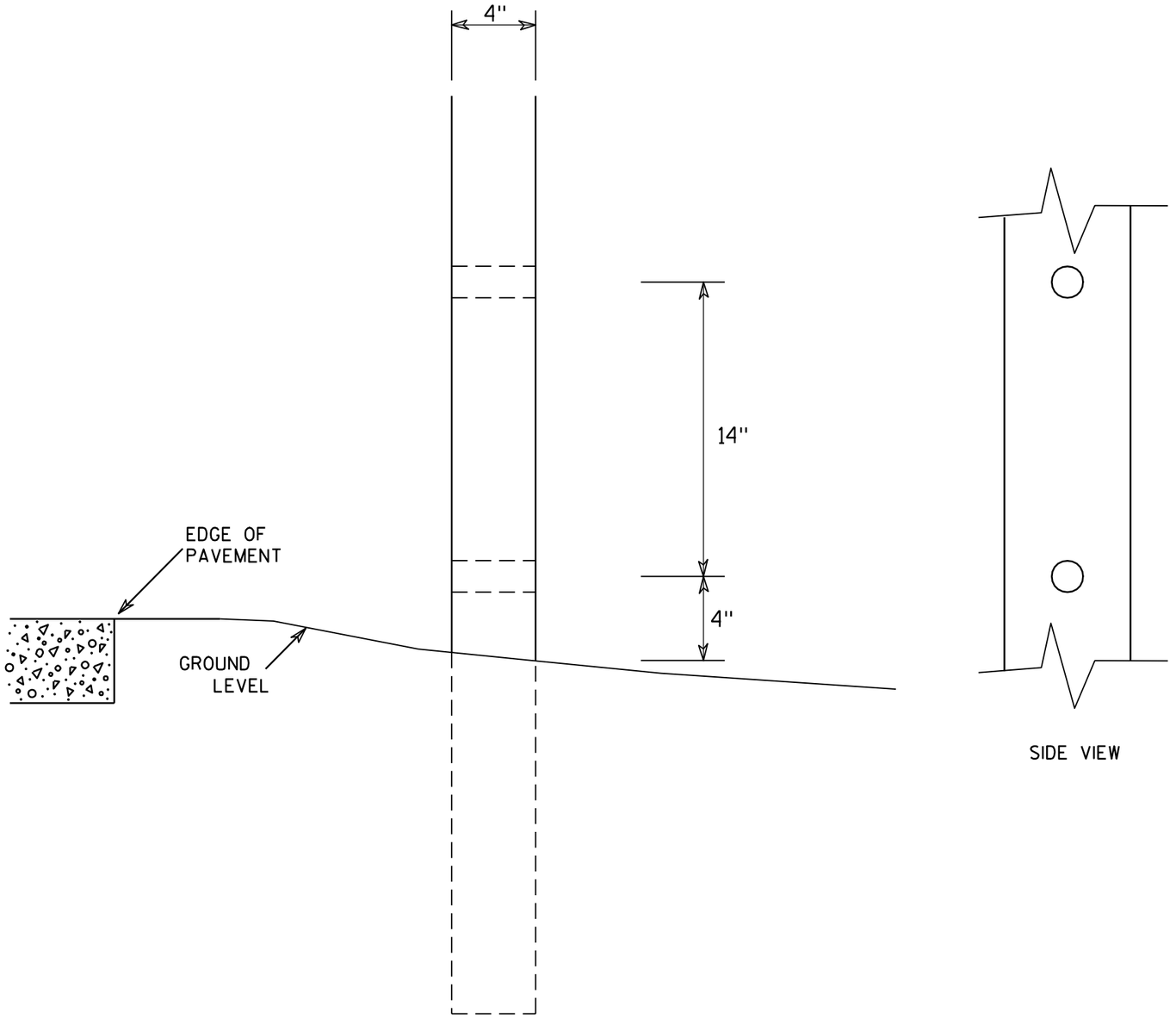
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 353 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



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

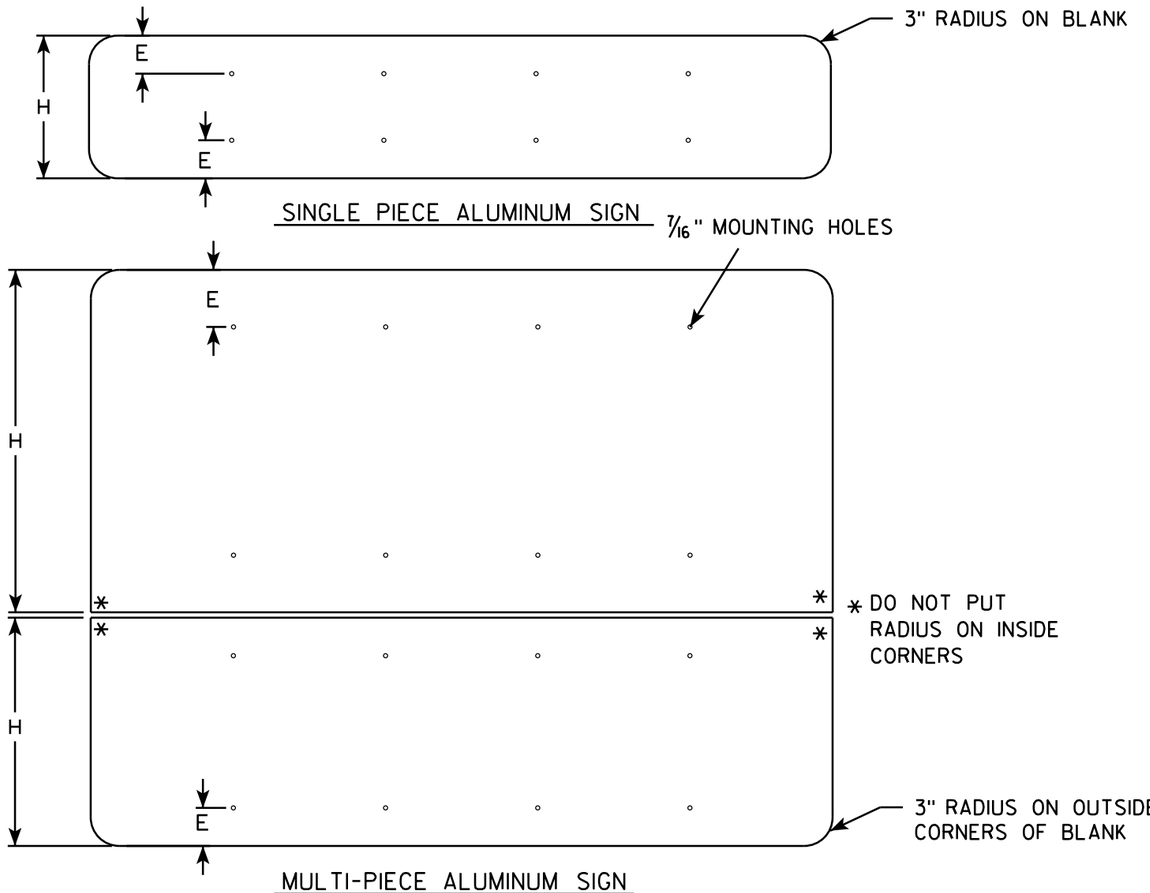
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

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

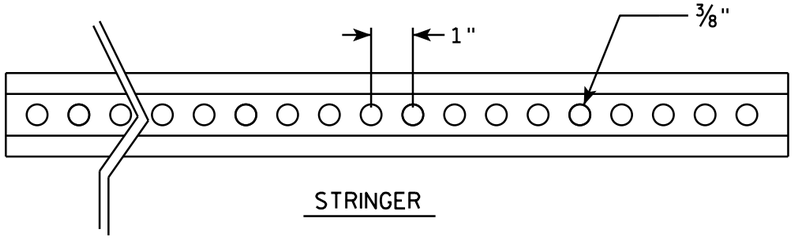
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 354	E



GENERAL NOTES

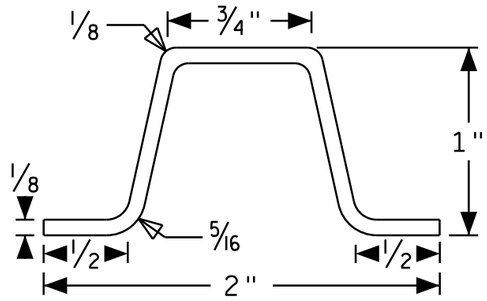
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

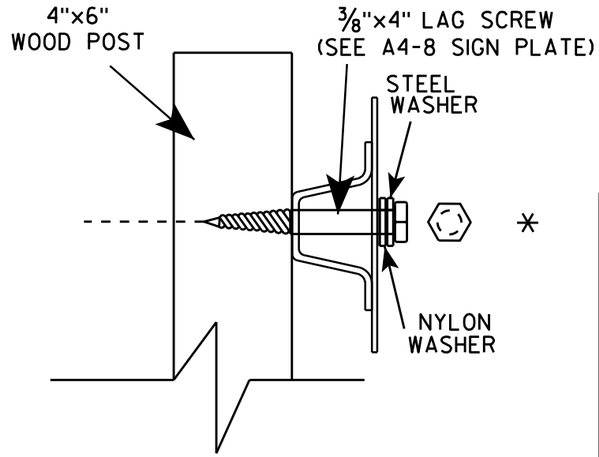


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

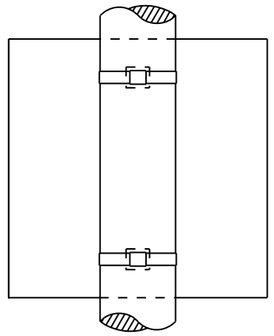
DATE 4/26/16 PLATE NO A4-18.1

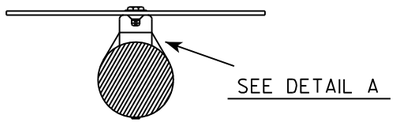
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

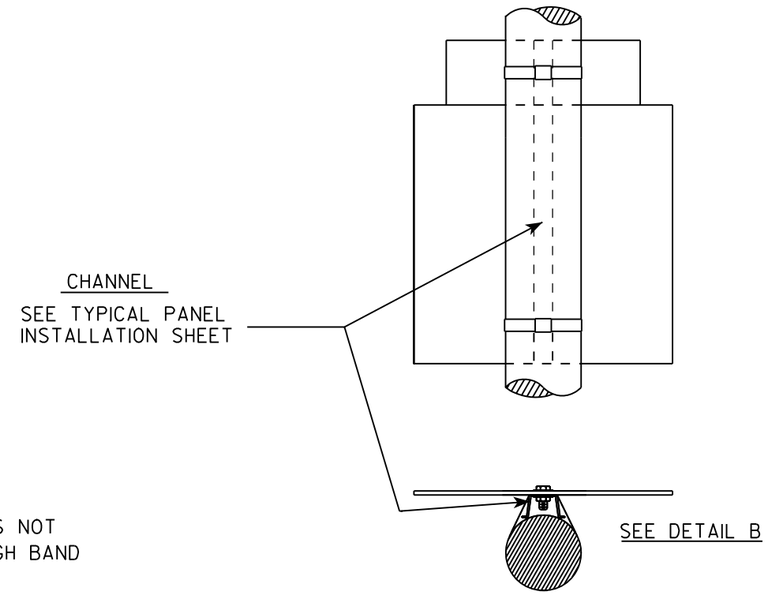
BANDING

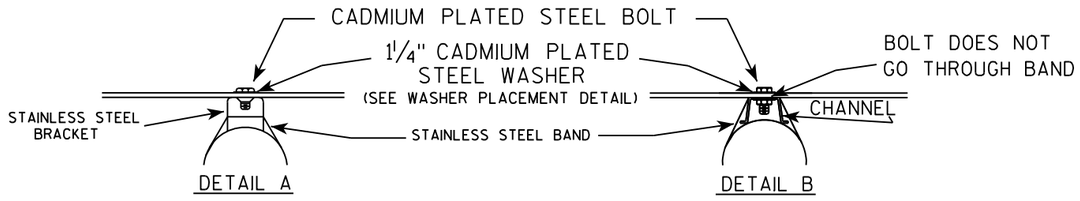
SINGLE SIGN



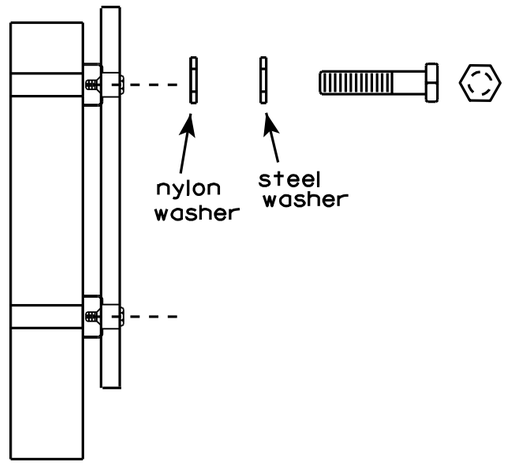


"J" ASSEMBLY





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.

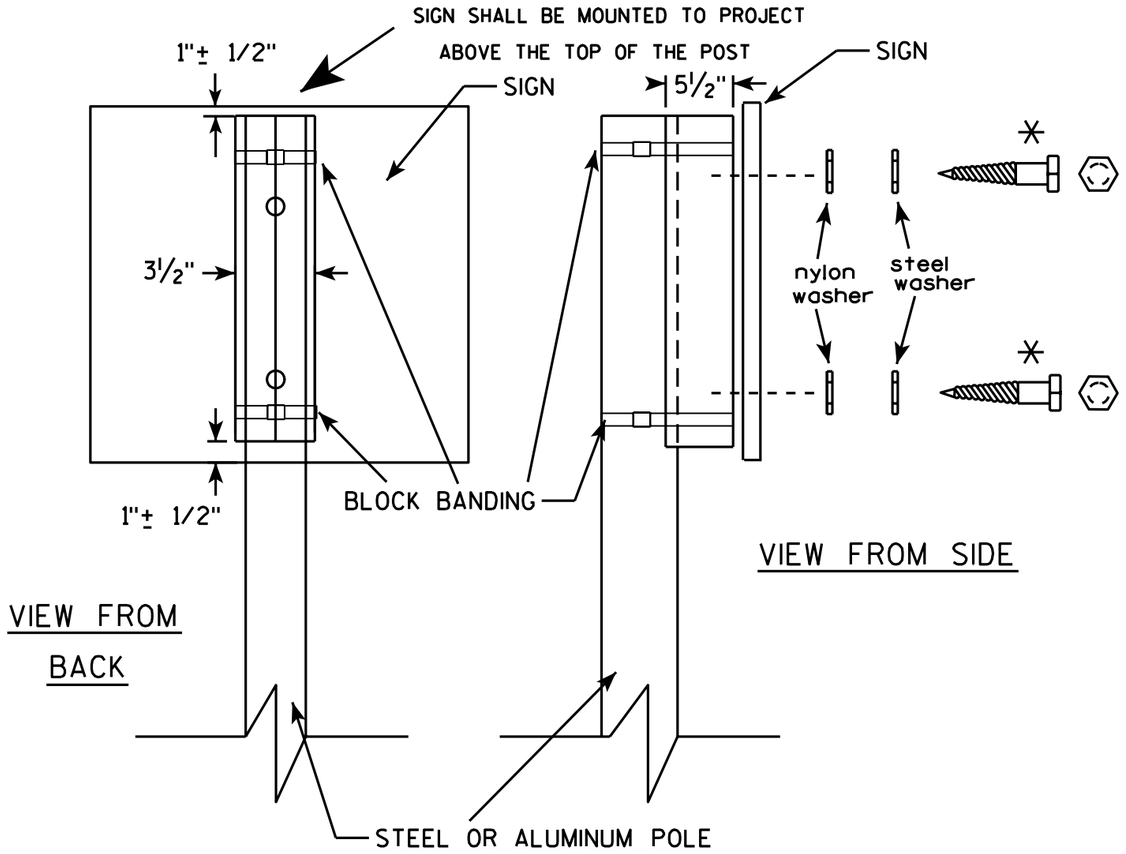
STANDARD SIGN
SIGN BANDING DETAILS

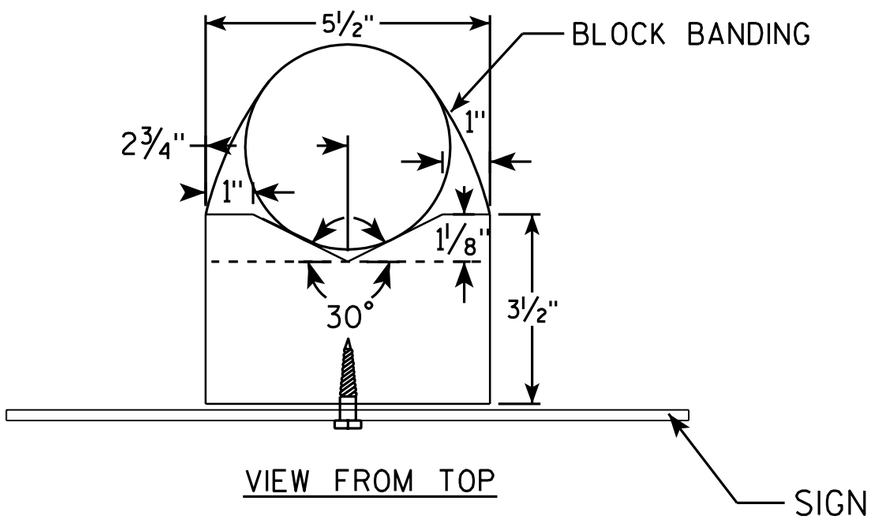
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 356	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)

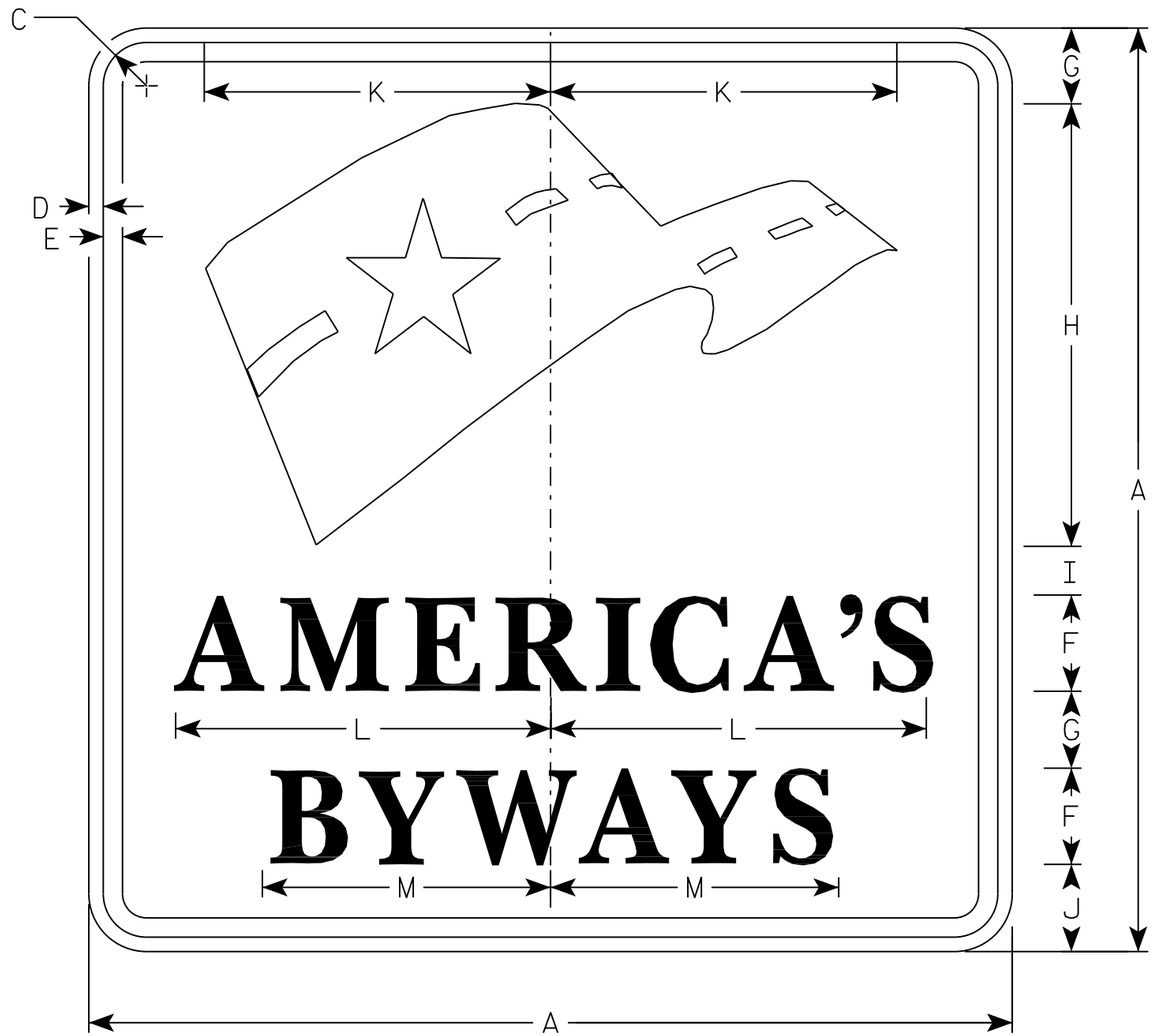
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/12/07 PLATE NO. A5-10.1

PROJECT NO:

SHEET NO: 357 E



D6-4

NOTES

1. Sign is Type II - Type H Reflective
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)

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 1/8	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
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
5																											

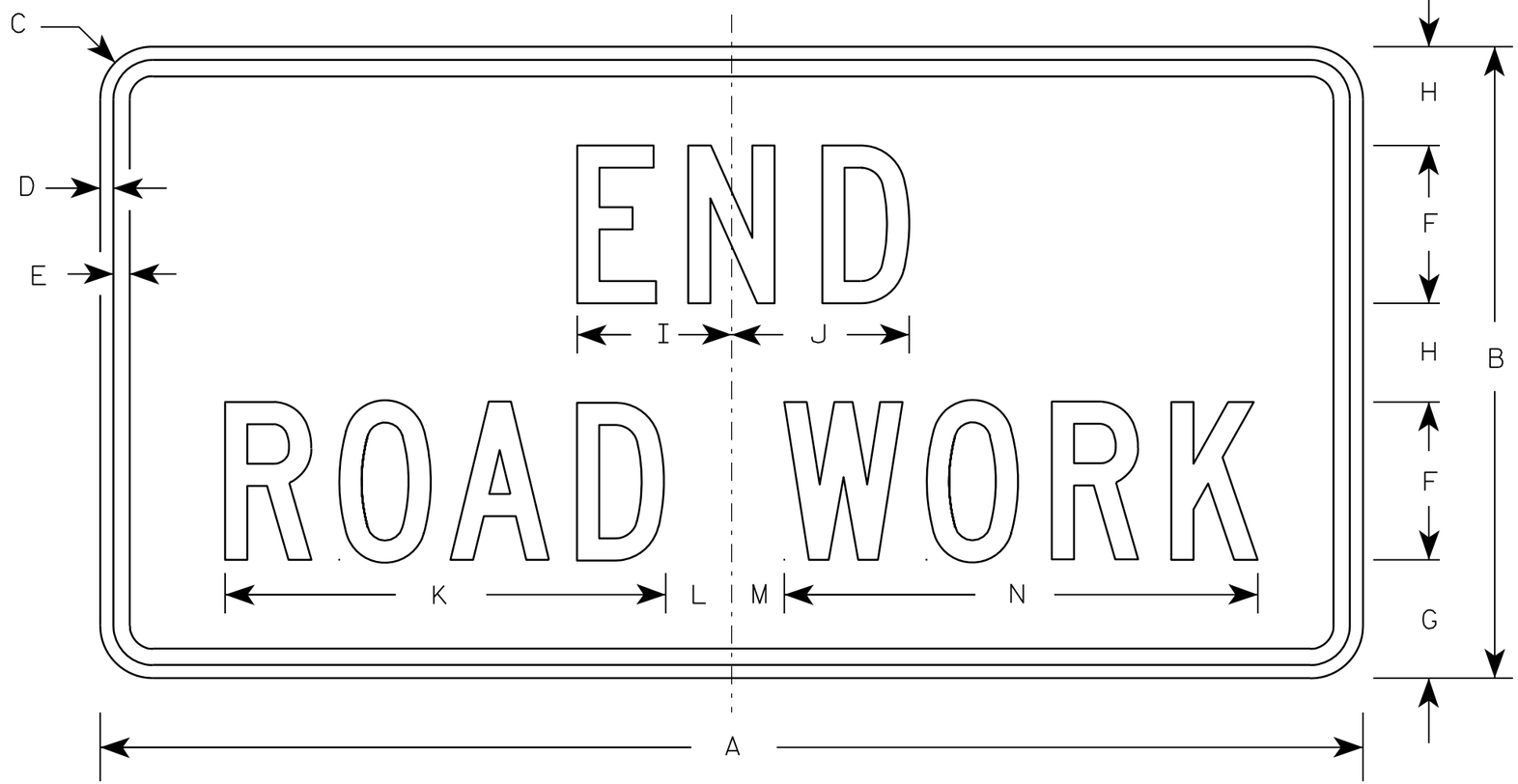
STANDARD SIGN
D6-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/20/17 PLATE NO. D6-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 358 | 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

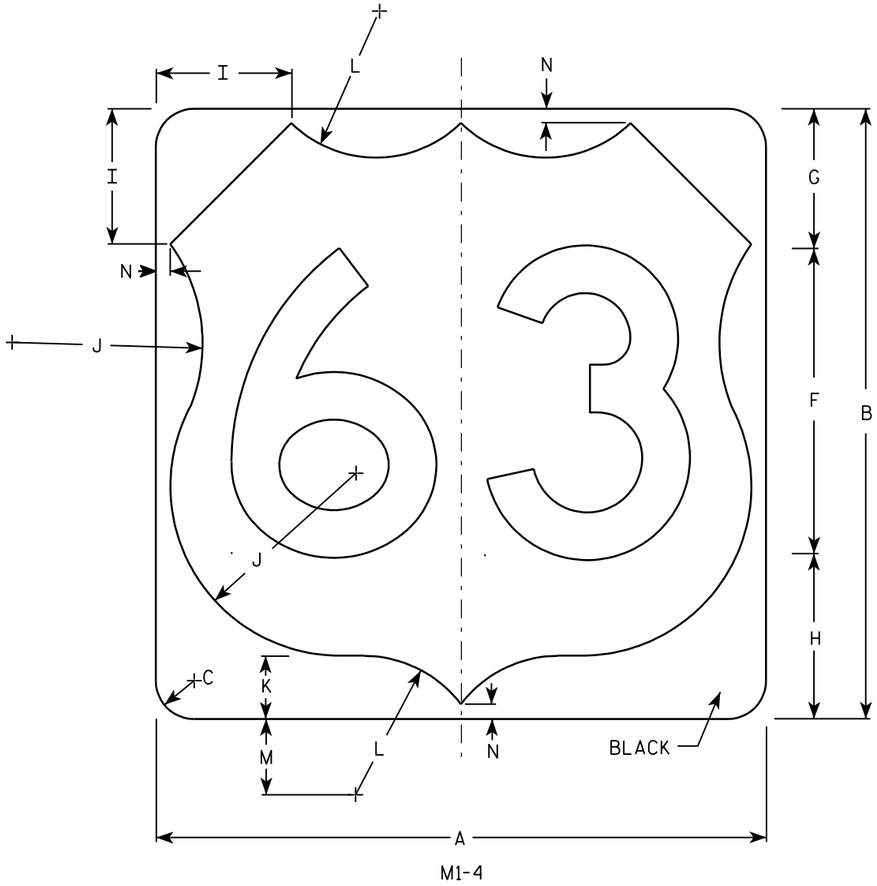
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

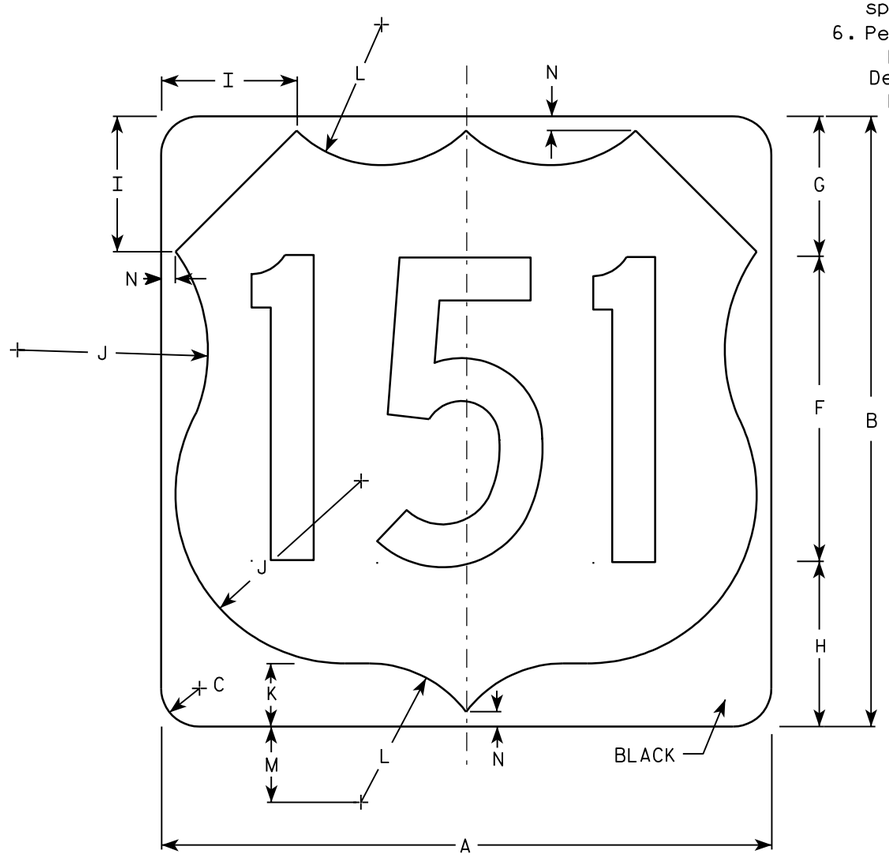
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 359	E

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 numerals and adjust spacing as per Plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary signs
   Background - Reflective



M1-4



M1-4

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	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0	.36
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81

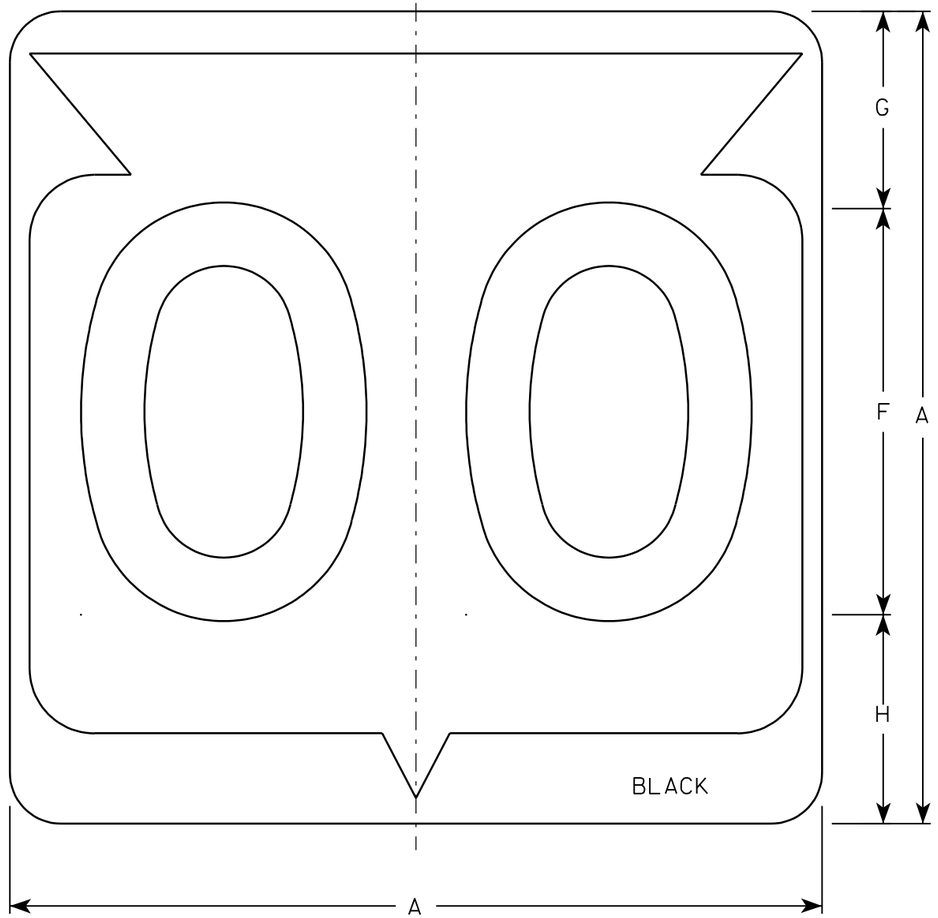
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 08/25/05 PLATE NO. M1-4.9

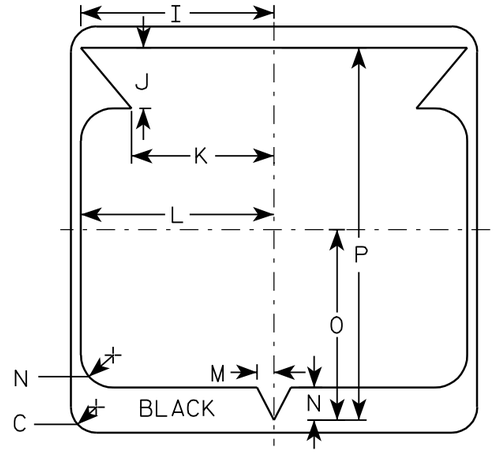
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 360 | E



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

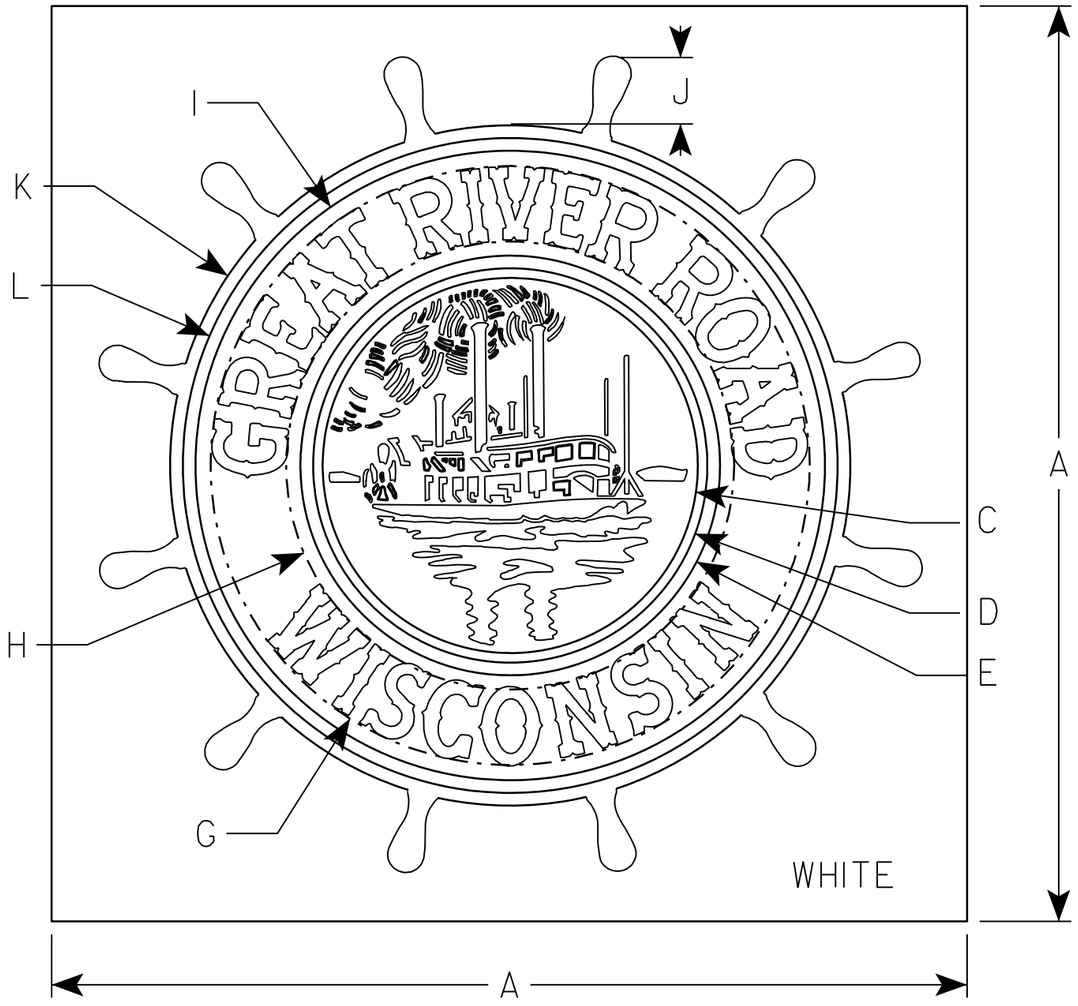
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

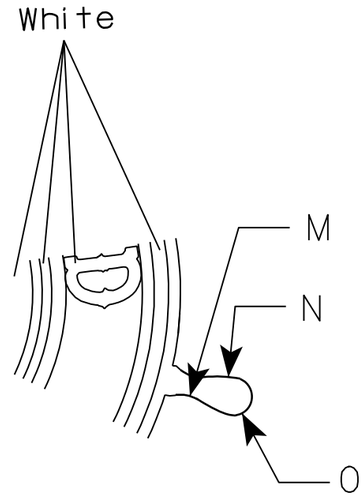
DATE 3/20/02 PLATE NO. M1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 361	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																											

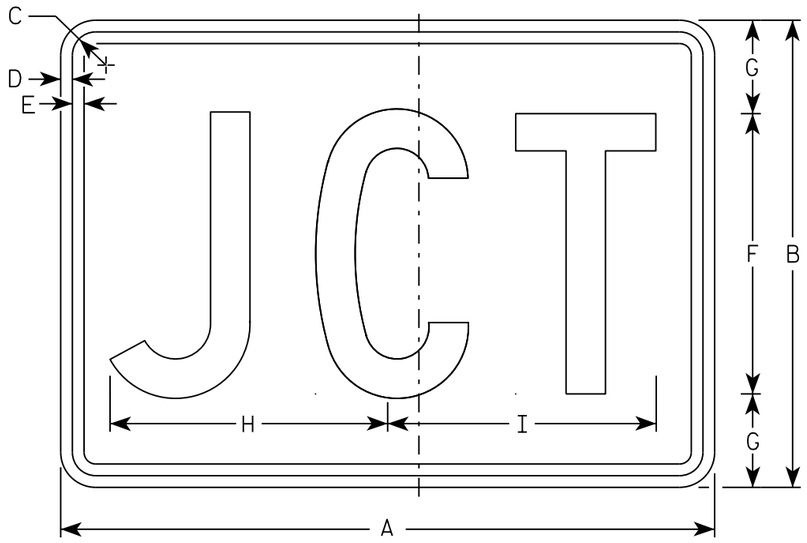
STANDARD SIGN
M1-96

WISCONSIN DEPT OF TRANSPORTATION

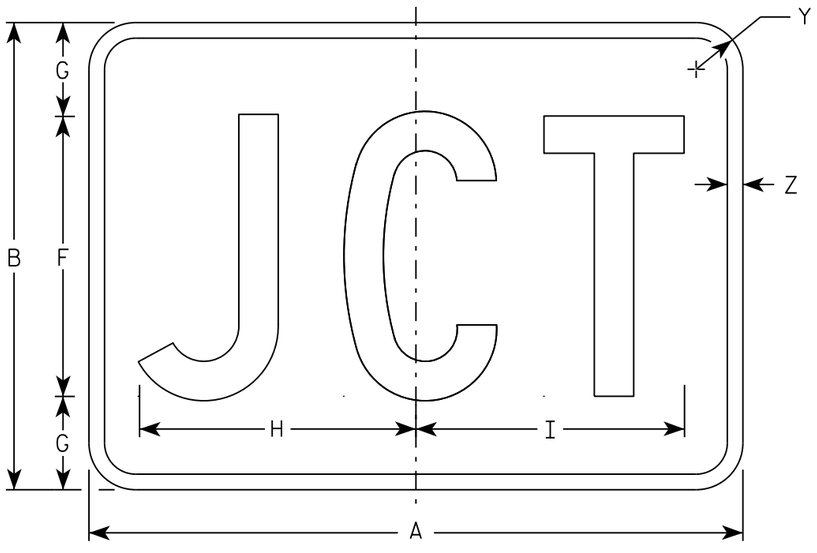
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/10 PLATE NO. M1-96.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 362	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

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
   MP2-1 Background - White
   Message - Blue
   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

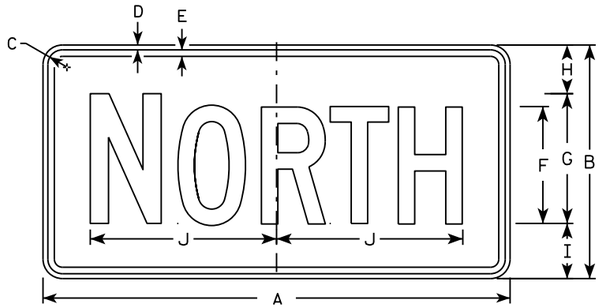
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

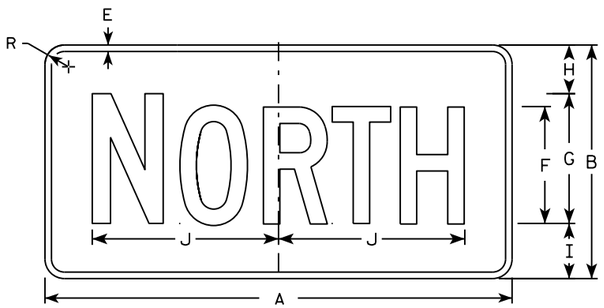
DATE 10/15/15 PLATE 363 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



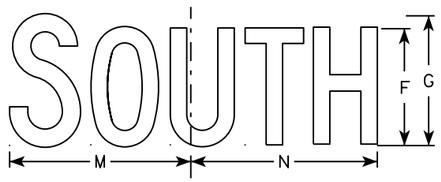
M3-1
MM3-1
MP3-1



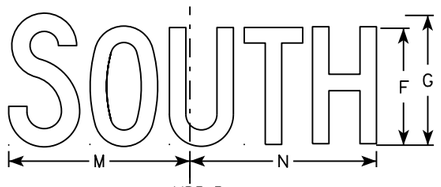
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

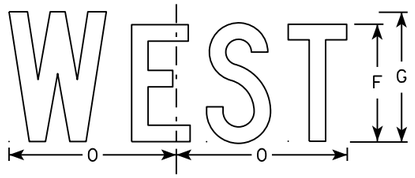
MB3-2
MK3-2
MN3-2



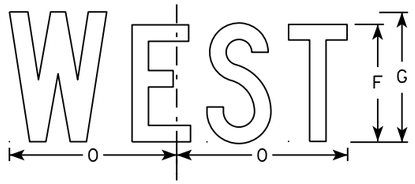
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

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
   MP3-1 thru MP3-4 Background - White
   Message - Blue
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

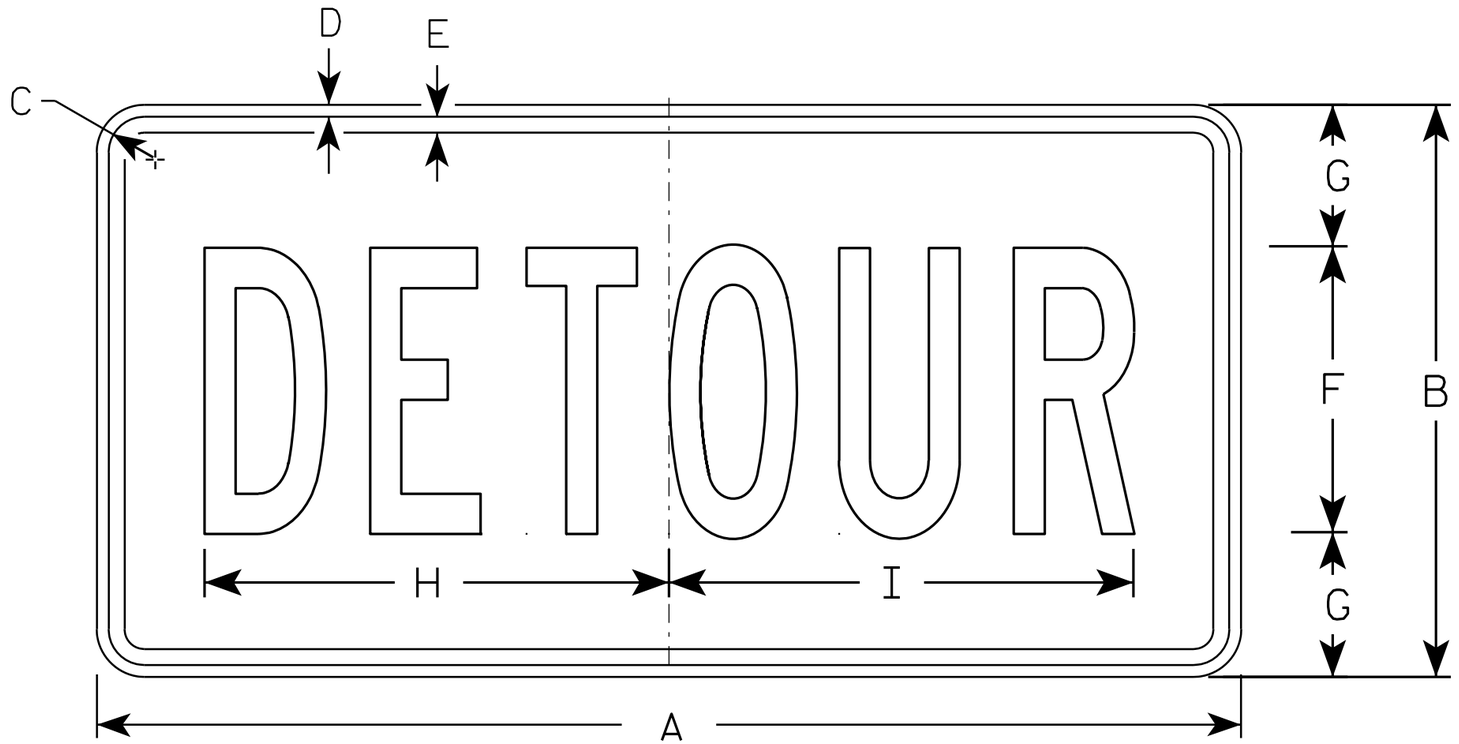
APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000

7



M4-8

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 - 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																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

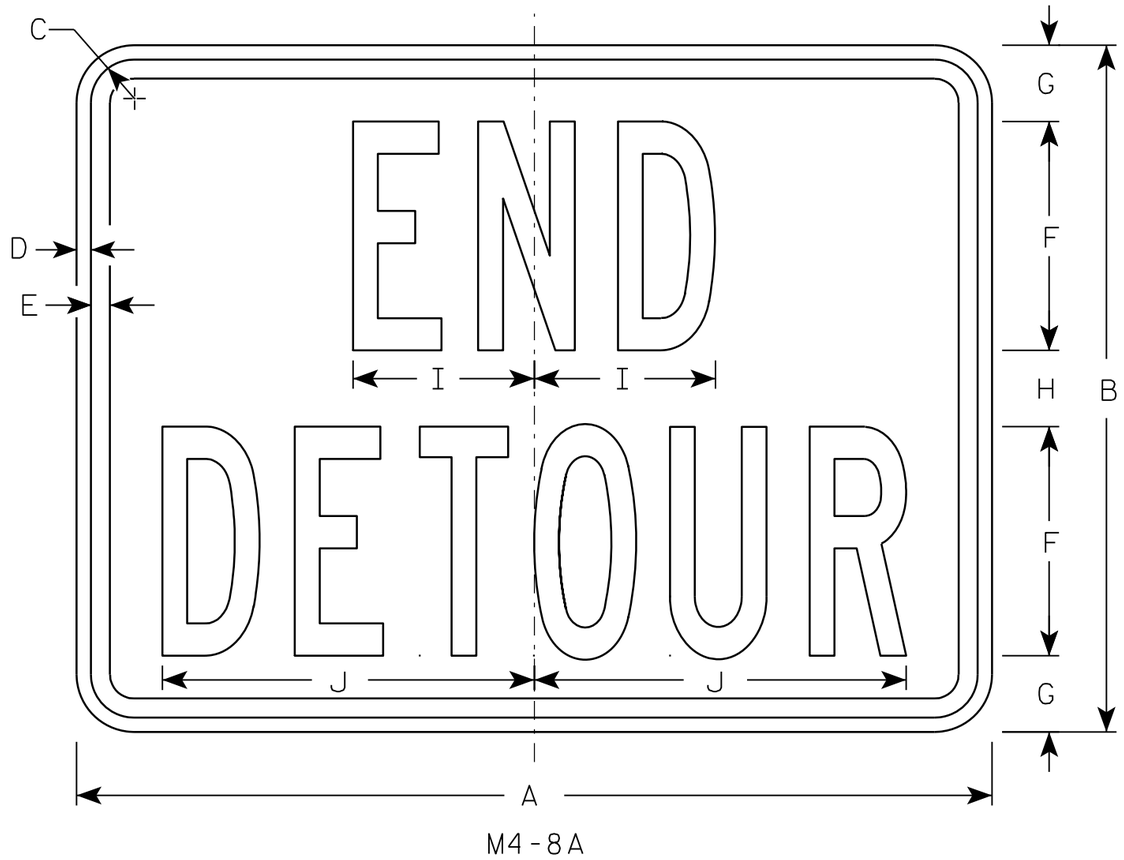
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 365	E



M4-8A

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 - 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																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5																											

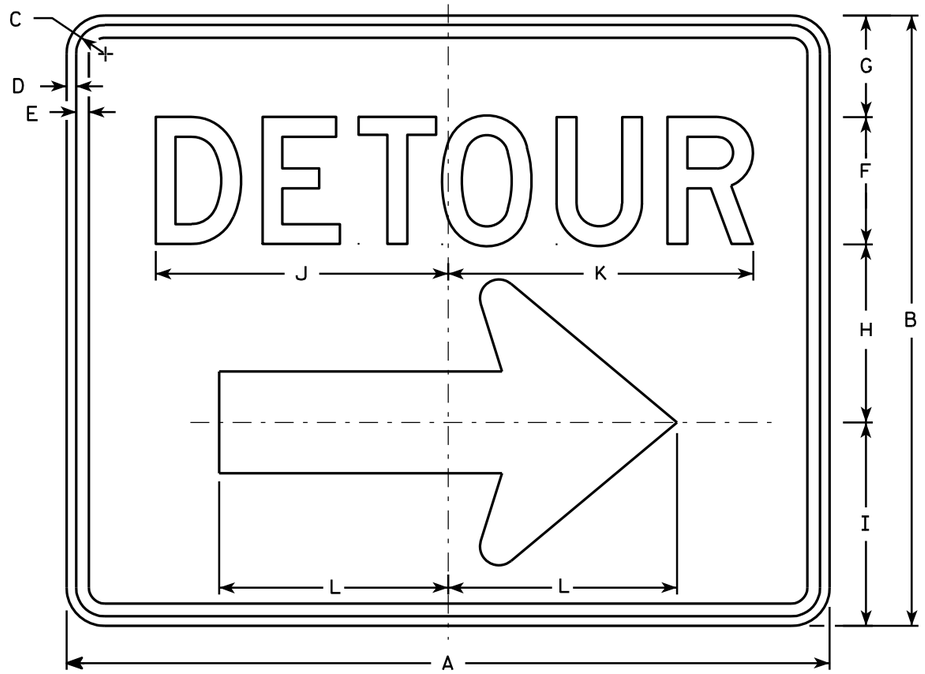
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

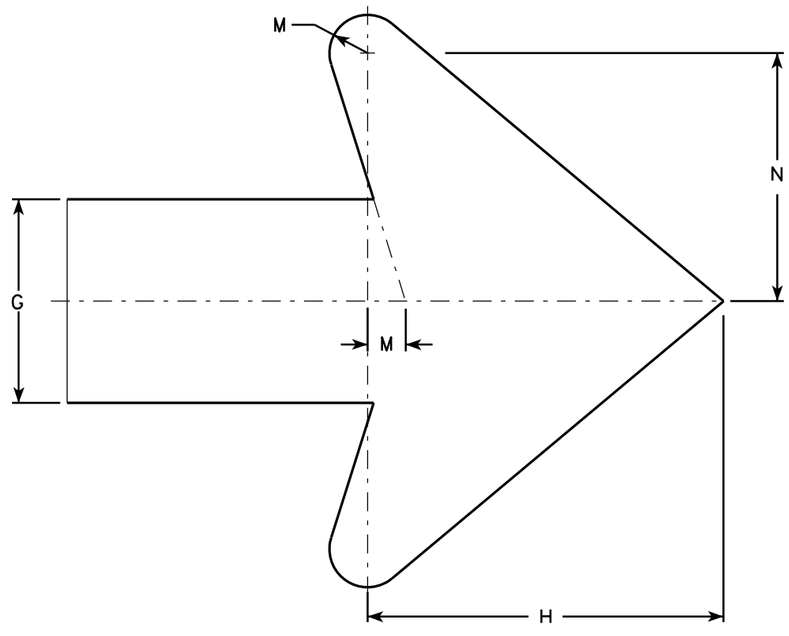
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 366	E



M4-9R

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.
5. M4-9L is the same as M4-9R except the arrow 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																											
2	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

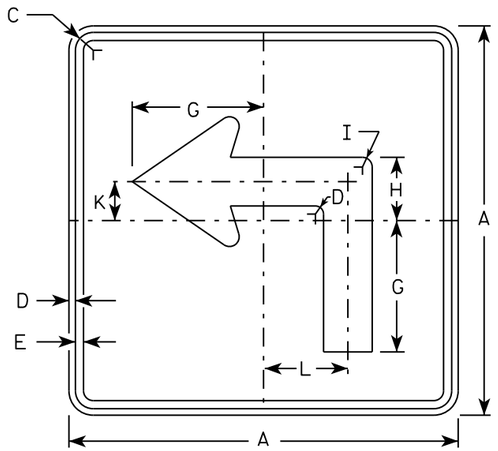
STANDARD SIGN
M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

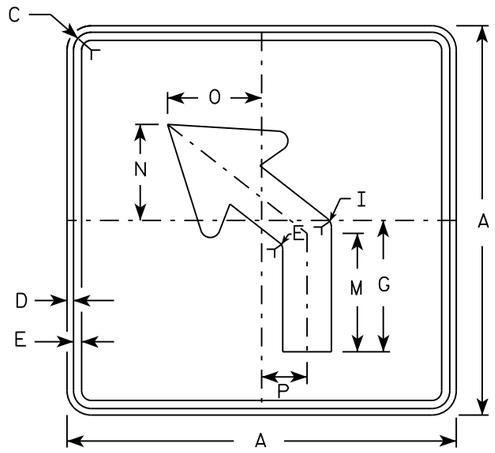
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

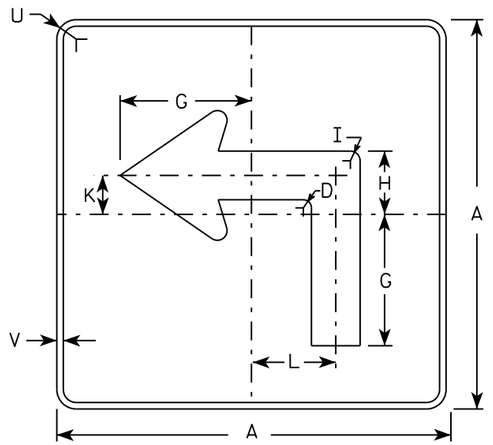
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 367 | E



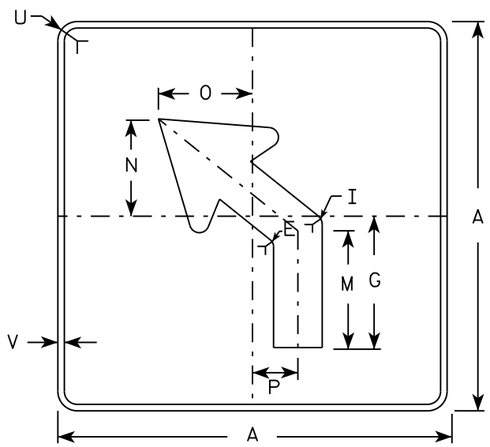
M5-1L
MM5-1L
MO5-1L
MP5-1L



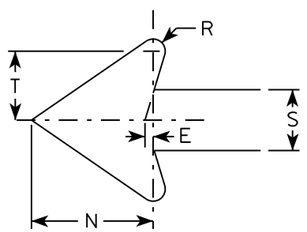
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective 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. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   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
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 7/8	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 7/8	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 7/8	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

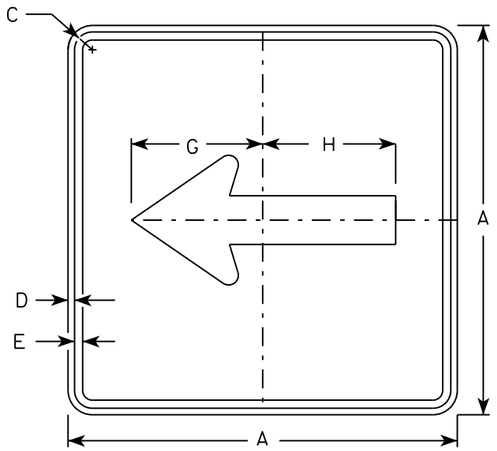
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

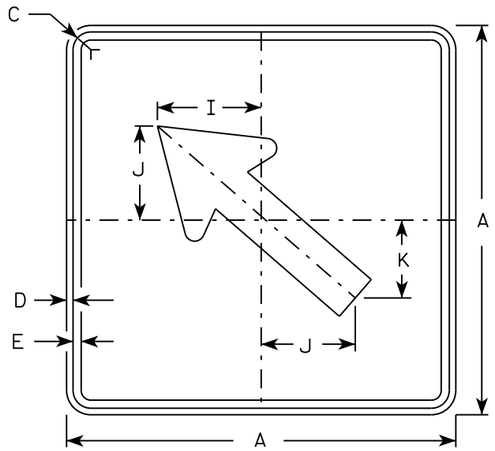
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



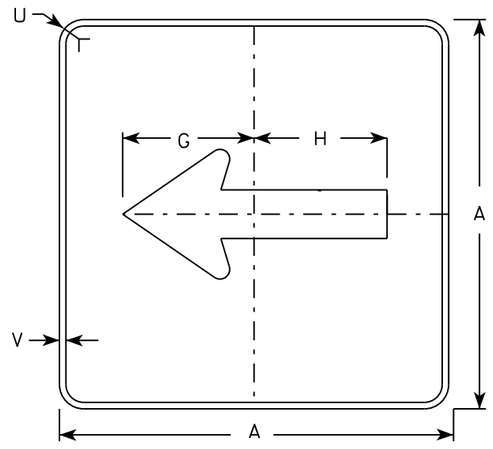
M6-1
MM6-1
MO6-1
MP6-1



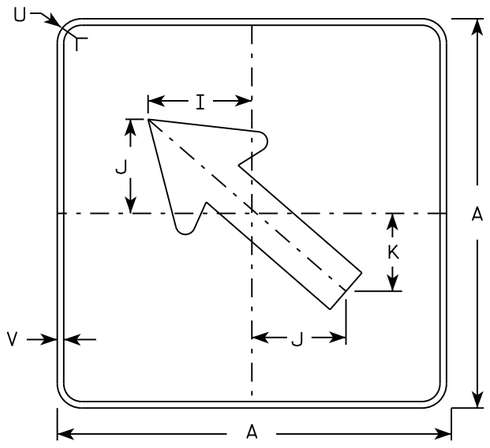
M6-2
MM6-2
MO6-2
MP6-2

NOTES

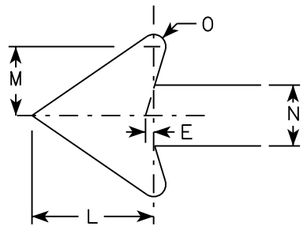
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   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
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



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

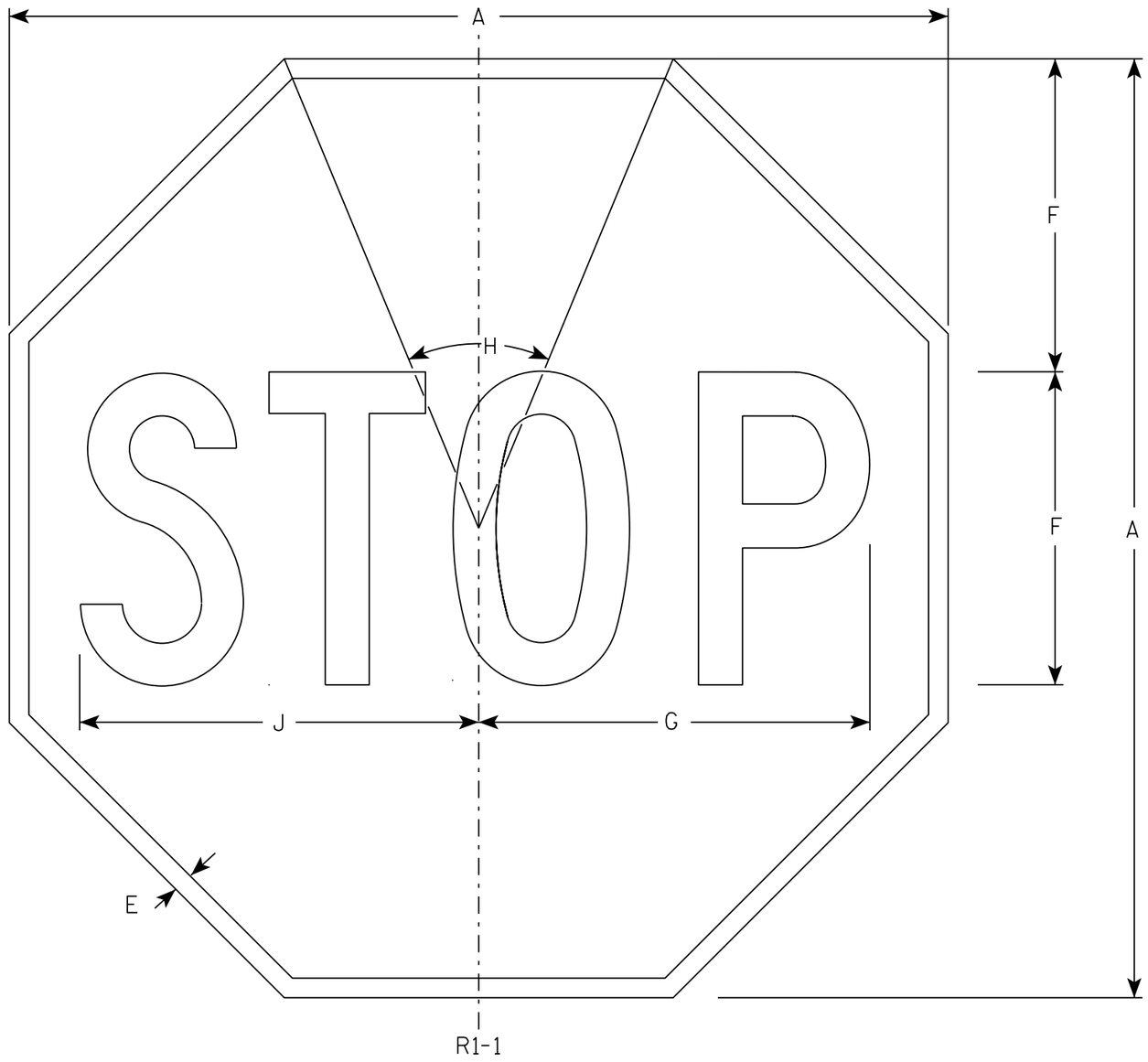
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 369 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ 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	30				5/8	10	12 1/2	45°		12 3/4																	5.18
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

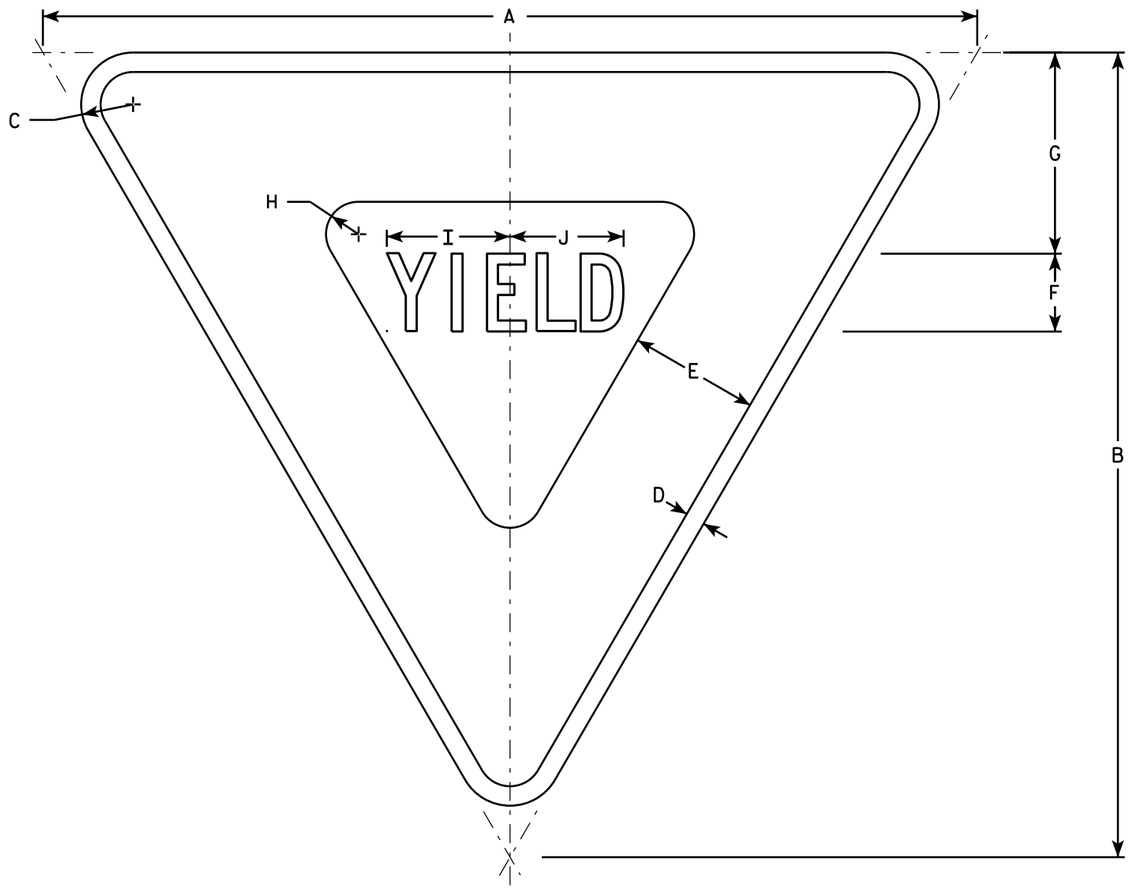
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 370	E



R1-2

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 - 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. The border strip and word message are reflectorized red.

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	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

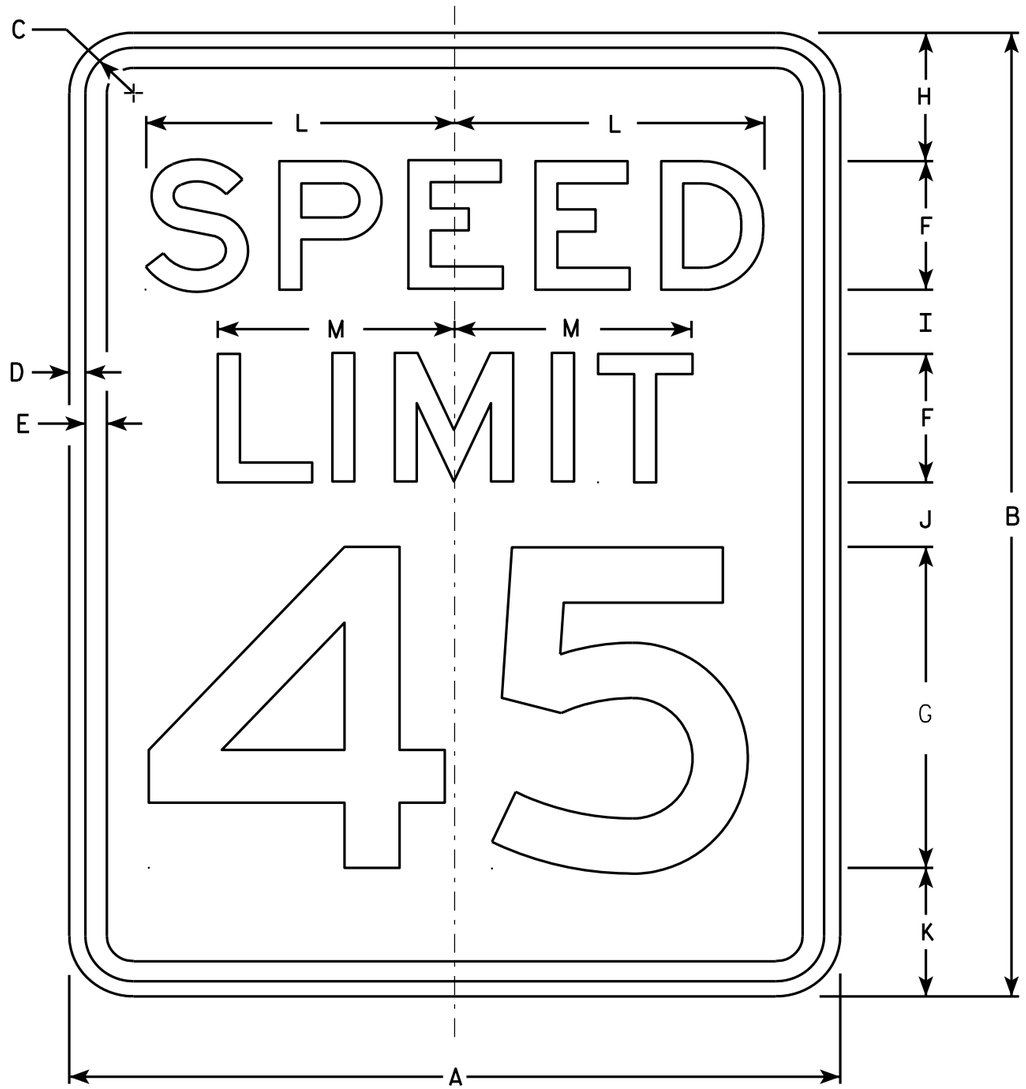
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/13/14 PLATE R1-2.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R12.DGN PLOT DATE : 13-OCT-2014 15:12 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.837526:1.000000
WISDOT/CADDS SHEET 42



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

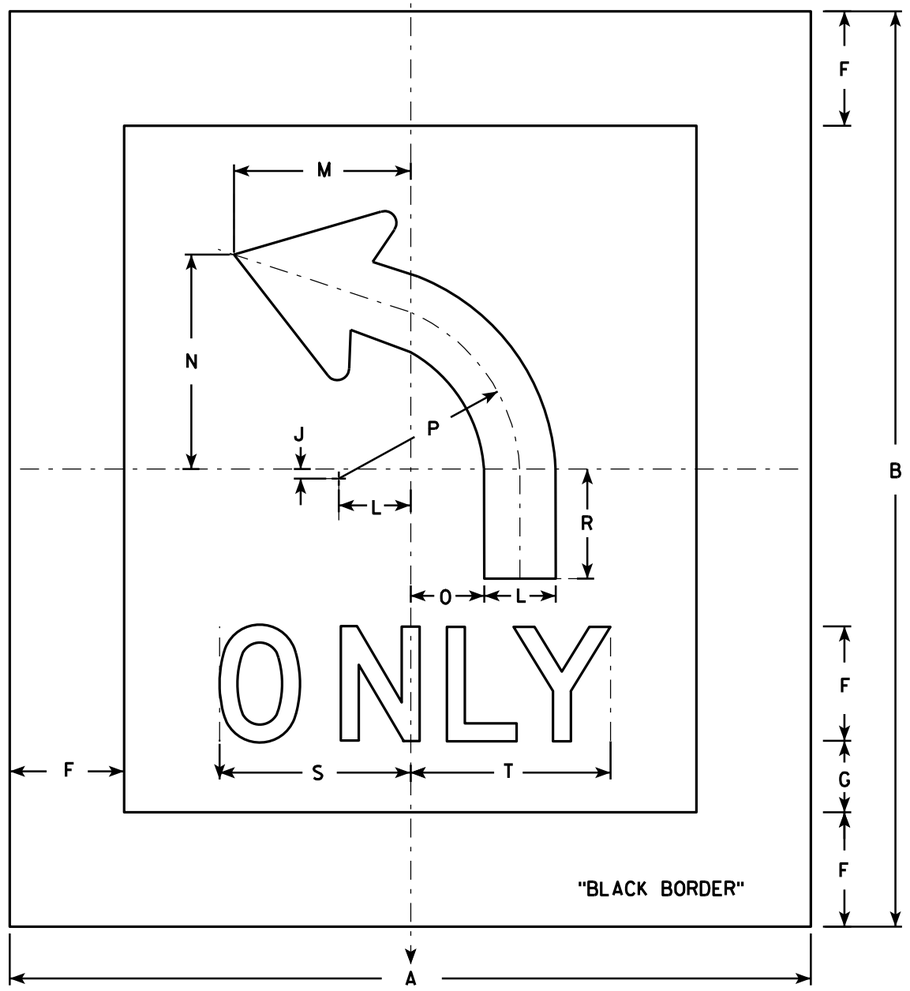
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 372 | E

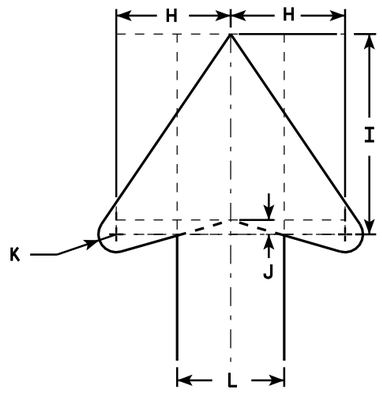
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000
WISDOT/CADDS SHEET 42



R3-5L

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. When base material is metal, the corners shall be rounded.
5. R3-5R is the same as R3-5L except curved portion of arrow points right.
6. The 6" border is non-reflective black.



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	42	48				6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							1.26
2M	42	48				6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							1.26
3																											
4																											
5																											

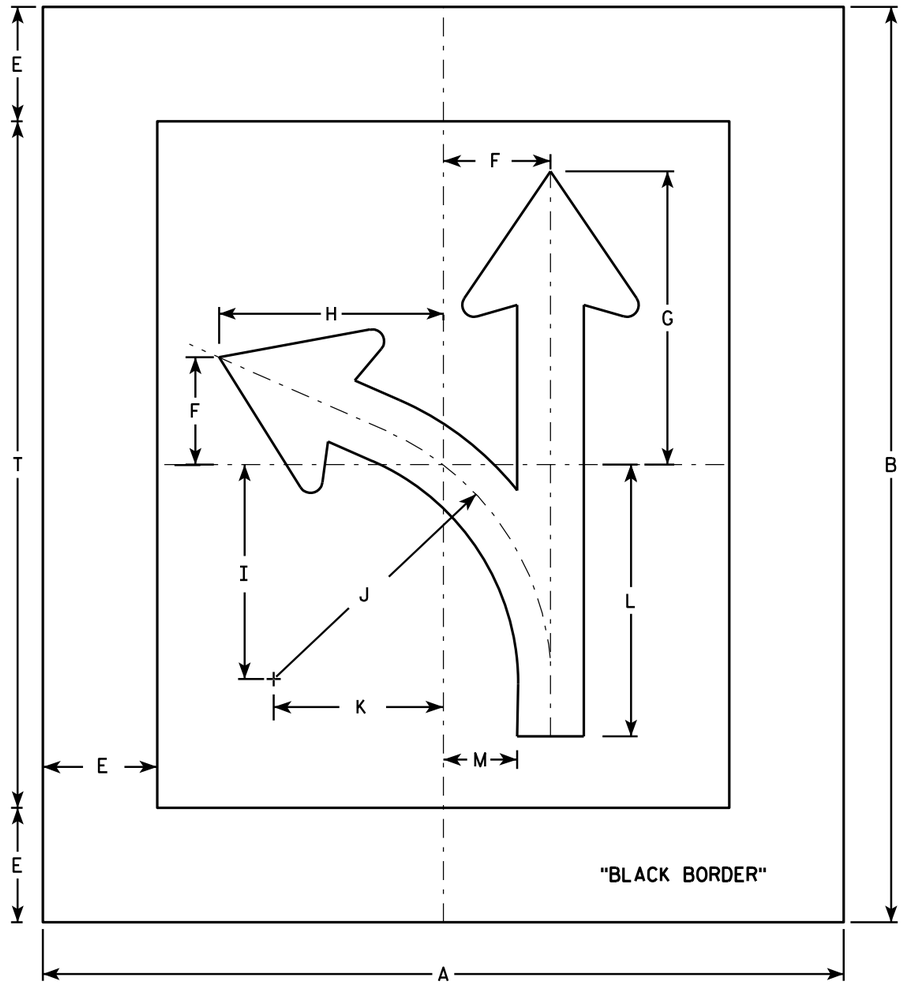
STANDARD SIGN
R3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/24/11 PLATE NO. R3-5.6

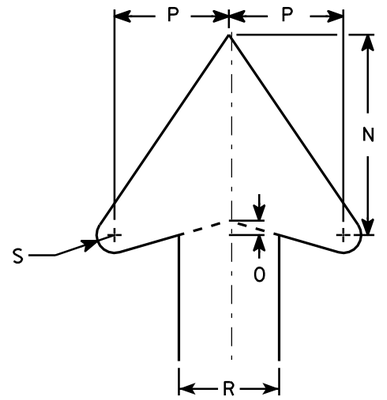
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 373 | E



R3-6L

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. Corners may be square or rounded when base material is plywood. When base material is metal, the corners shall be rounded.
4. R3-6R is the same as R3-6L except curved portion of arrow points right.
5. The 6" border is non-reflective black.



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	42	48			6	5 5/8	15 3/8	11 3/4	11 1/4	14 1/2	8 7/8	14 1/4	3 7/8	7	1/2	4		3 1/2	5/8	36							14.0
2M	42	48			6	5 5/8	15 3/8	11 3/4	11 1/4	14 1/2	8 7/8	14 1/4	3 7/8	7	1/2	4		3 1/2	5/8	36							14.0
3																											
4																											
5																											

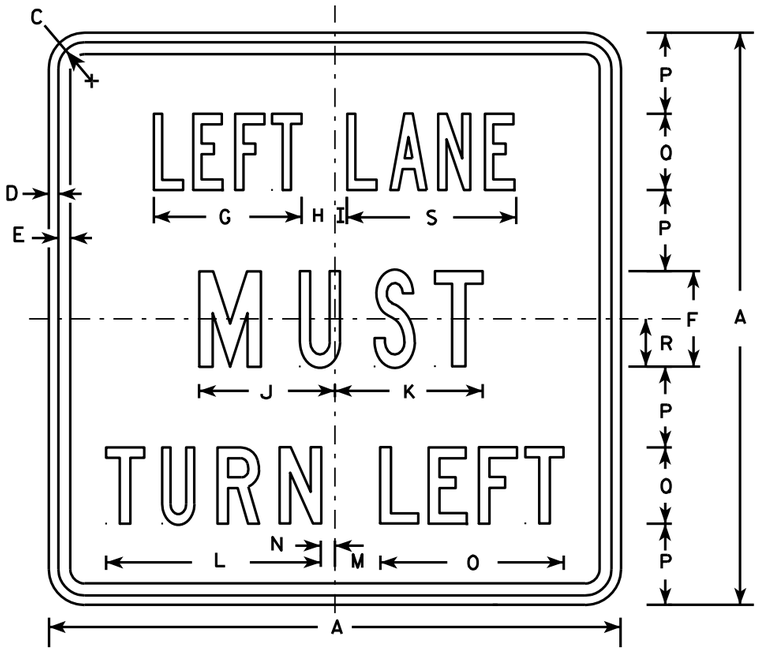
STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

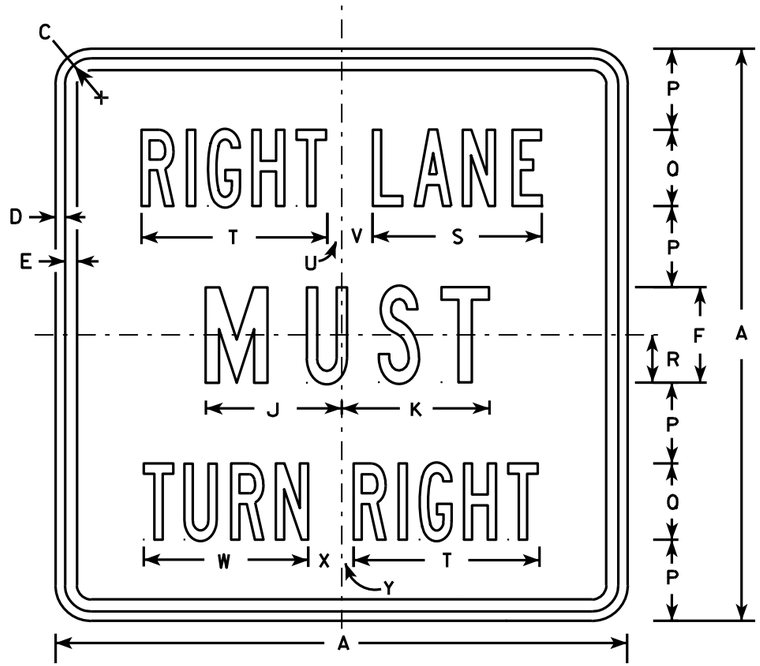
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/2011 PLATE NO. R3-6.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 374 | E



R3-7L



R3-7R

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 B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
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		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2S	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2M	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
3	36		1 5/8	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

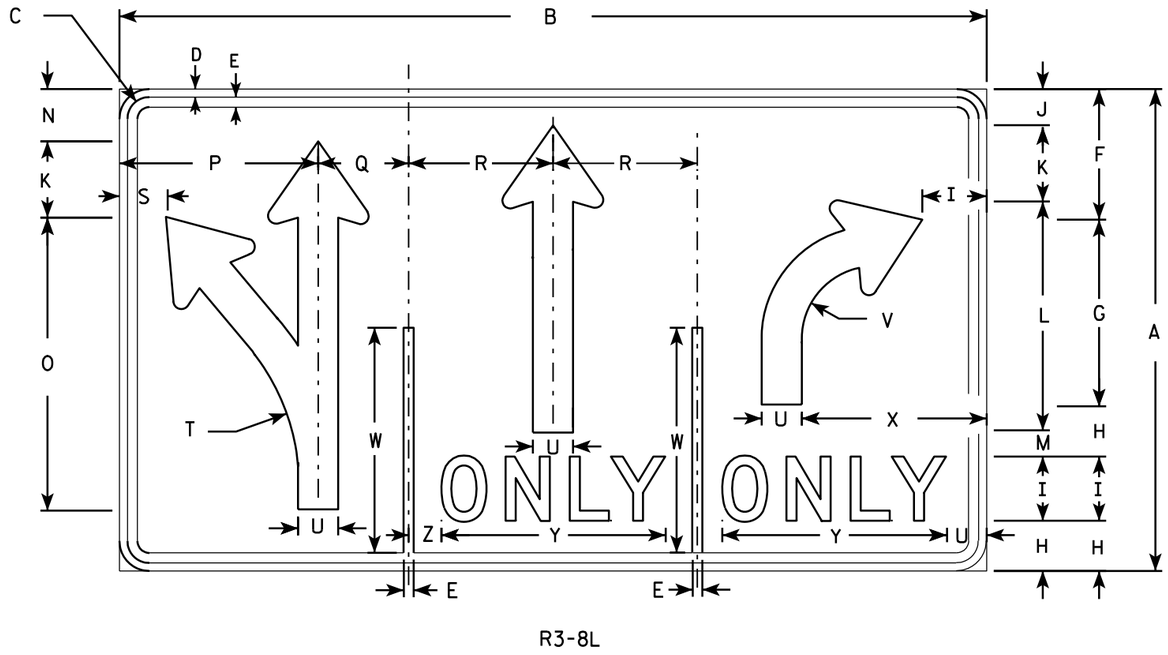
STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-7.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 375 | E

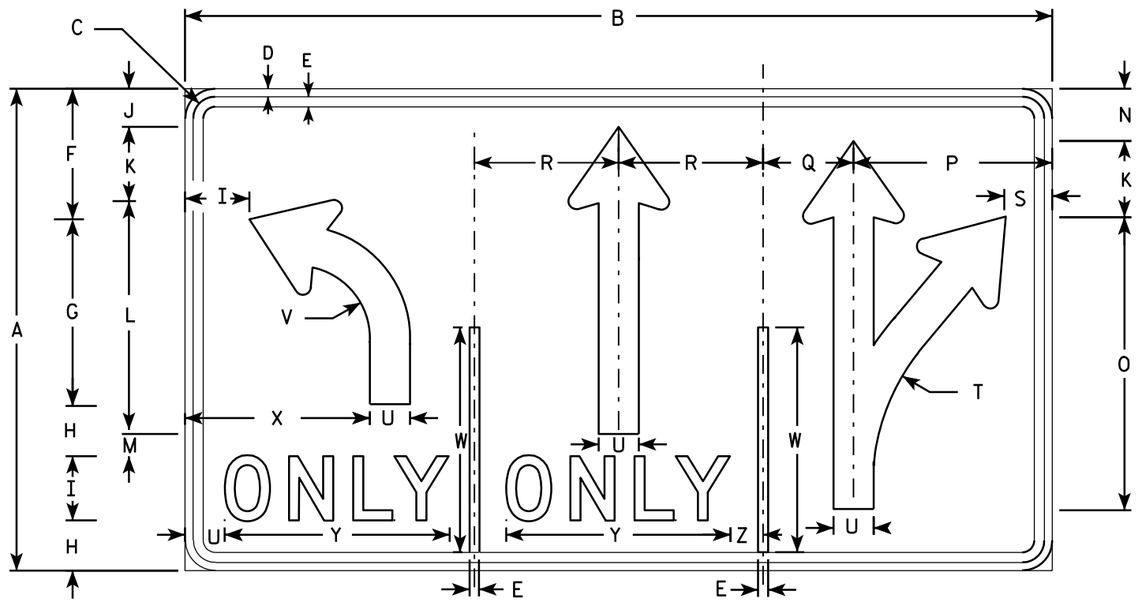


R3-8L

SEE R3-8 FOR ARROW DETAIL

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.



R3-8M

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	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	3 1/4	18 1/4	12 3/8	5 5/8	9	3	13 1/4	2 1/2	4 1/2	14	11 1/2	14	2	11.25
2M	30	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	3 1/4	18 1/4	12 3/8	5 5/8	9	3	13 1/4	2 1/2	4 1/2	14	11 1/2	14	2	11.25
3																											
4	48	84	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7	29 1/8	2 7/8	5 1/4	29 1/8	18 5/8	8 3/4	14	4 3/8	21 7/8	3 3/4	7 1/4	22 3/8	17 1/4	20 5/8	3 1/4	28.0
5	48	84	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7	29 1/8	2 7/8	5 1/4	29 1/8	18 5/8	8 3/4	14	4 3/8	21 7/8	3 3/4	7 1/4	22 3/8	17 1/4	20 5/8	3 1/4	28.0

STANDARD SIGN
R3-8L & R3-8M

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/2011 PLATE NO. R3-8L.2

PROJECT NO:

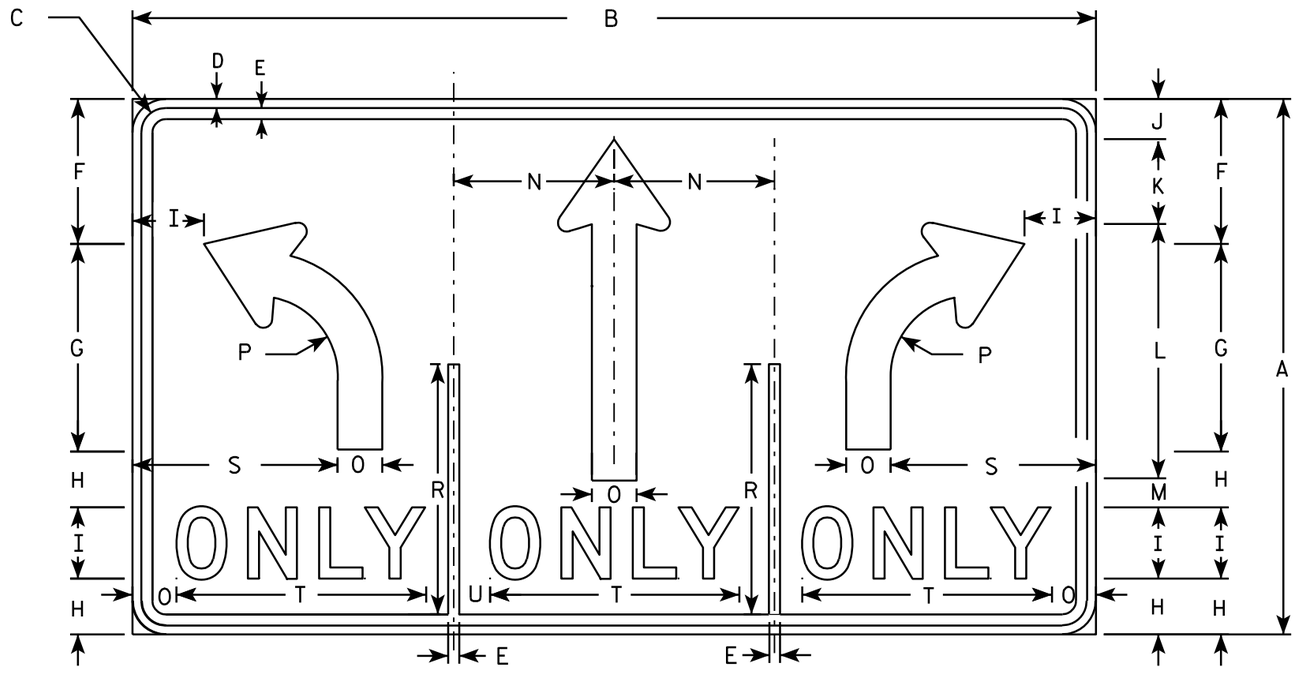
SHEET NO: 376 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R38L.DGN PLOT DATE : 21-MAR-2011 14:39 PLOT BY : mscsja PLOT NAME :

WISDOT/CADDS SHEET 42

7

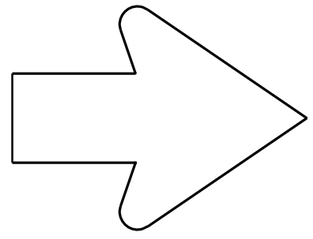
7



R3-8W

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.



SEE R3-8 FOR ARROW DETAIL

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	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	9	2 1/2	4 1/2		14	11 1/2	14	2						11.25
2M	30	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	9	2 1/2	4 1/2		14	11 1/2	14	2						11.25
3																											
4	48	84	2 1/4	3/4	1	13	18 1/2	5 1/4	6	3 3/4	7	29 1/8	2 3/8	14	3 3/4	7 1/4		22 3/8	17 1/4	20 1/2	3 1/4						28.0
5	48	84	2 1/4	3/4	1	13	18 1/2	5 1/4	6	3 3/4	7	29 1/8	2 7/8	14	3 3/4	7 1/4		22 3/8	17 1/4	20 1/2	3 1/4						28.0

STANDARD SIGN
R3-8W

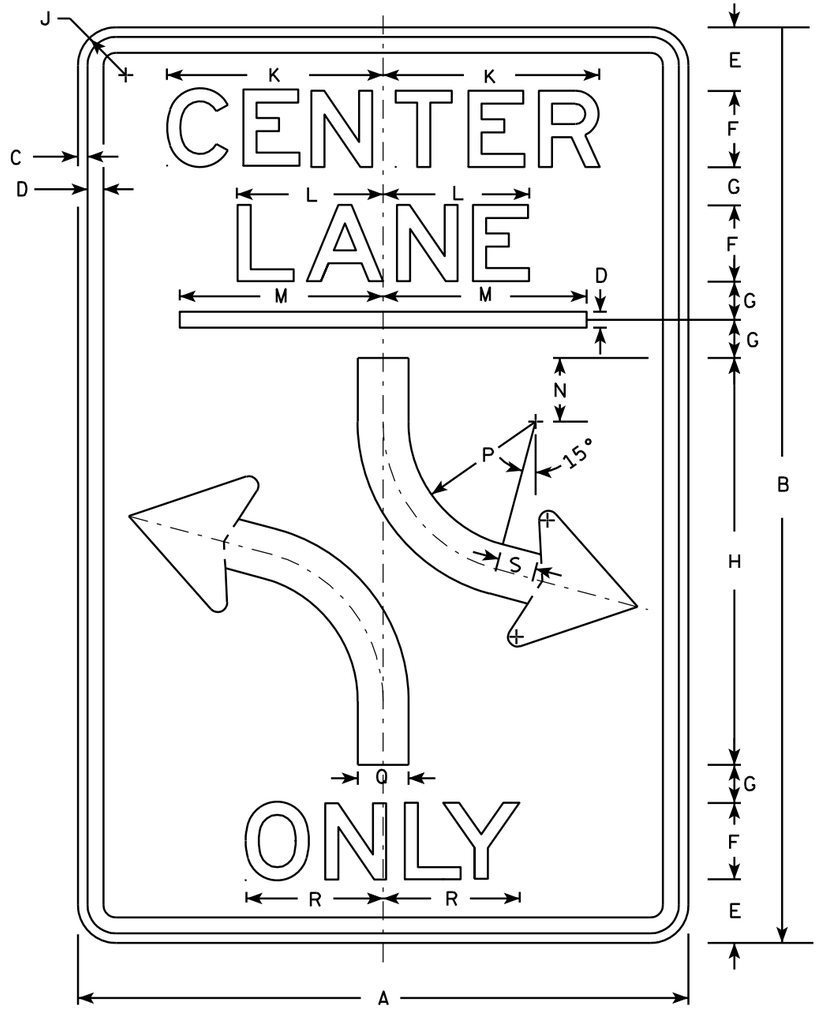
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-8W.4

PROJECT NO:

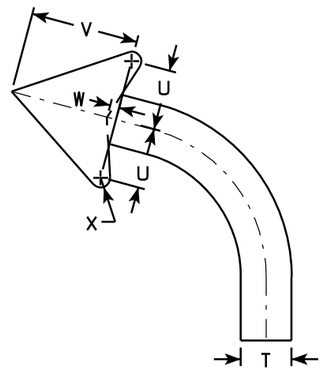
SHEET NO: 377 E



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																											

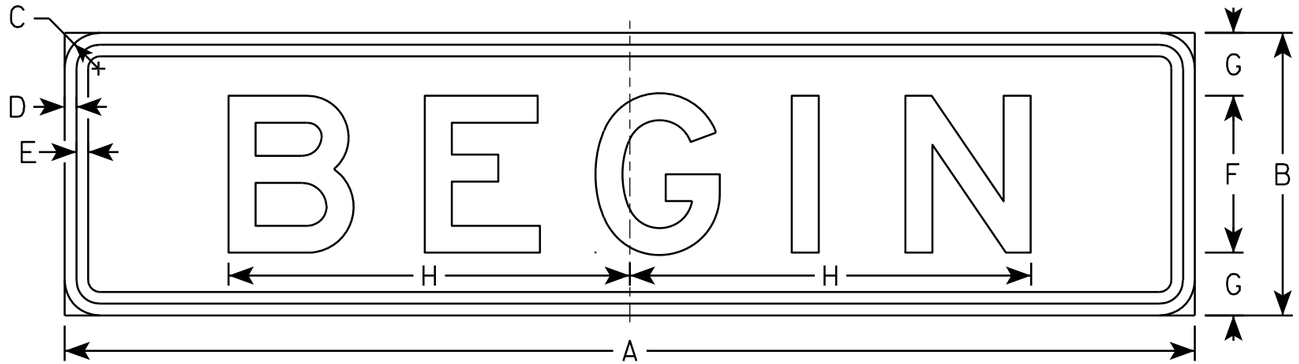
STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-9B.5

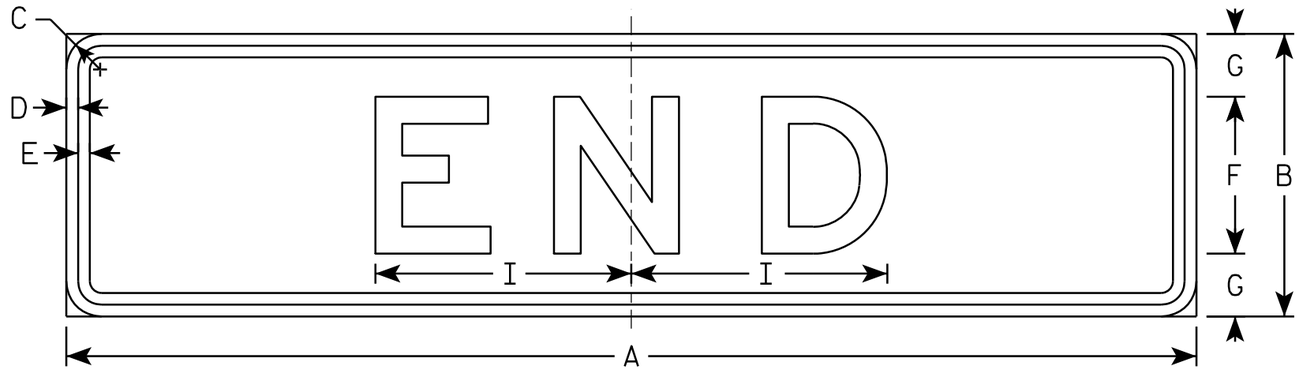
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 378 | E



R3-9C

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.



R3-9D

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	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/8	3/8	3/8	5	2	12 3/4	8 1/8																		1.86
4																											
5																											

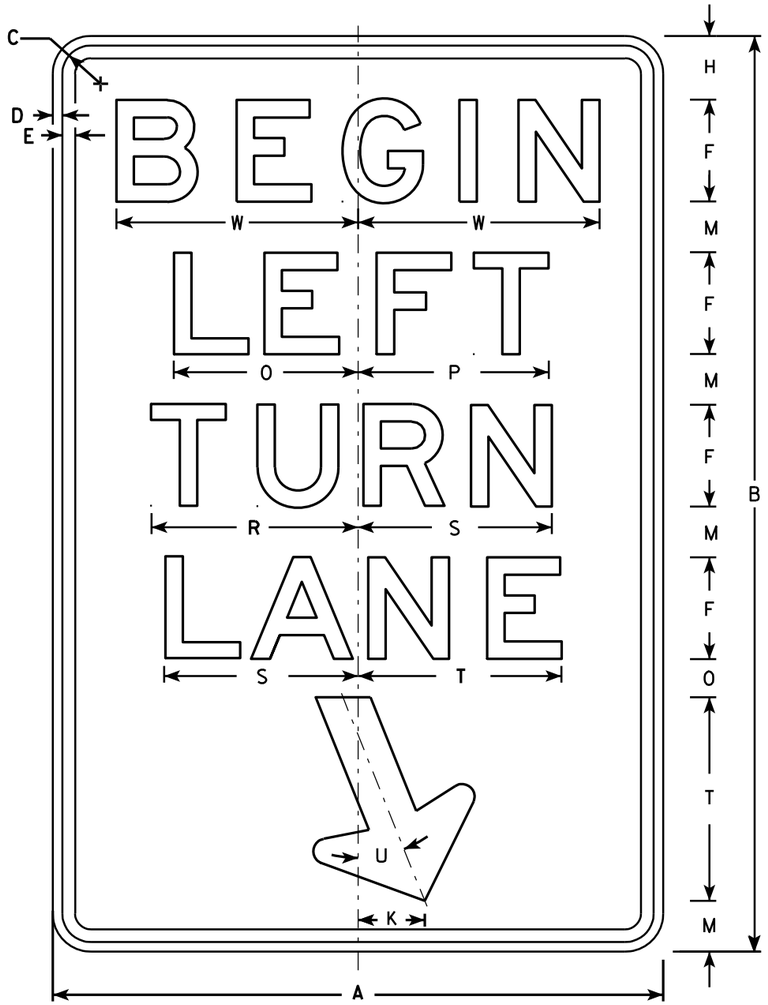
STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-9C.2

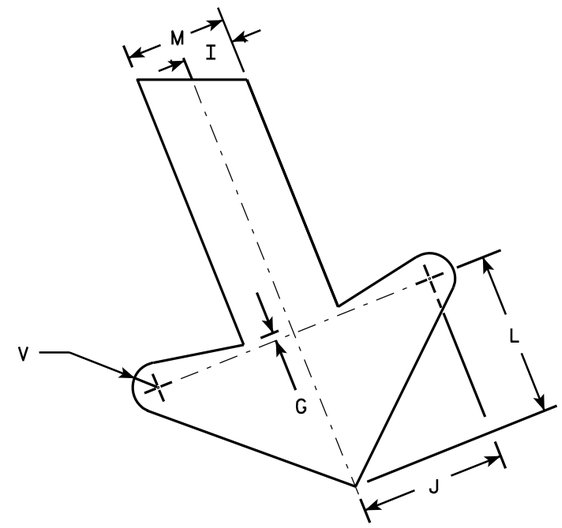
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 379	E



R3-20L

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	7 1/4	7 1/2		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	7 1/4	7 1/2		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	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

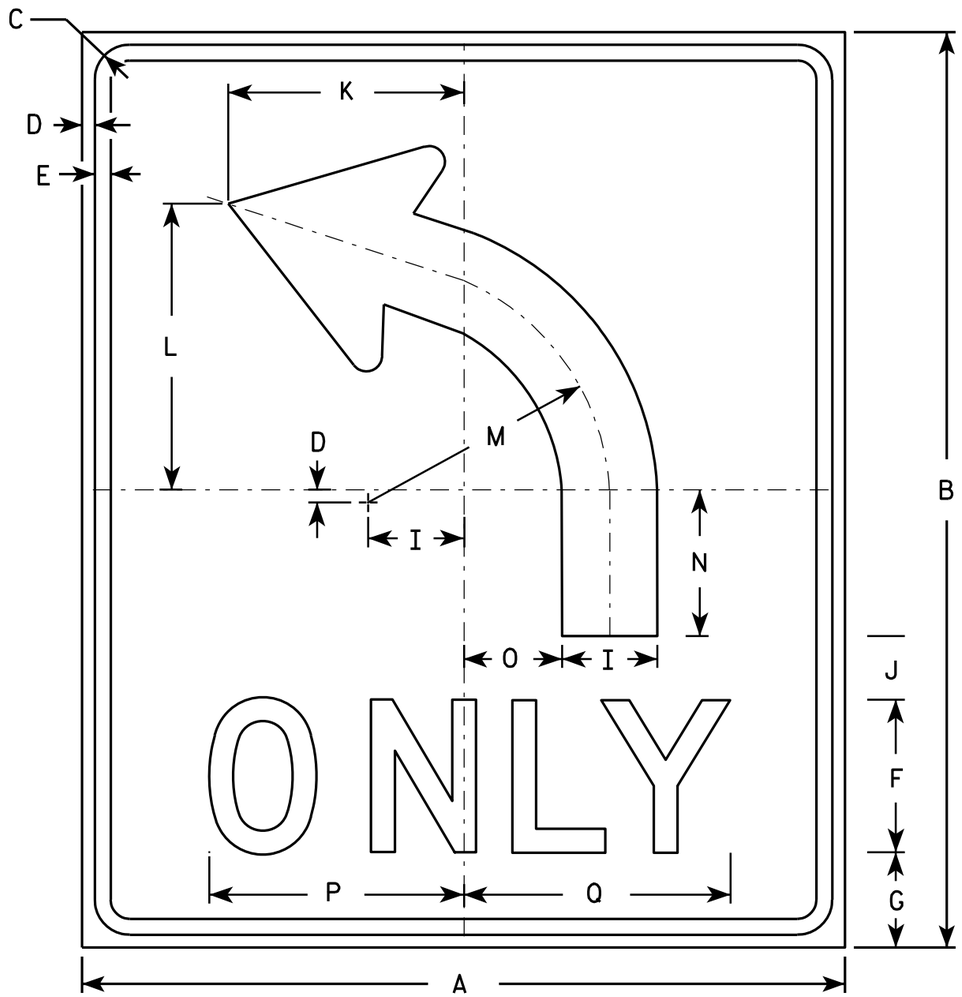
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

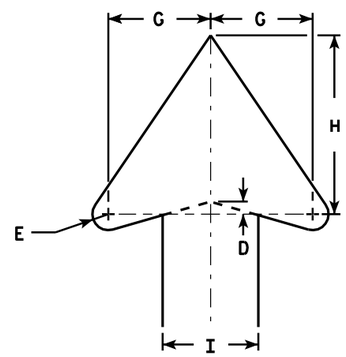
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 380 | E



R3-50L

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. R3-50R is the same as R3-50L except curved portion of arrow points right.



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	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
3																											
4																											
5																											

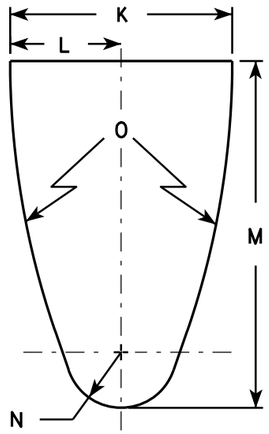
STANDARD SIGN
R3-50

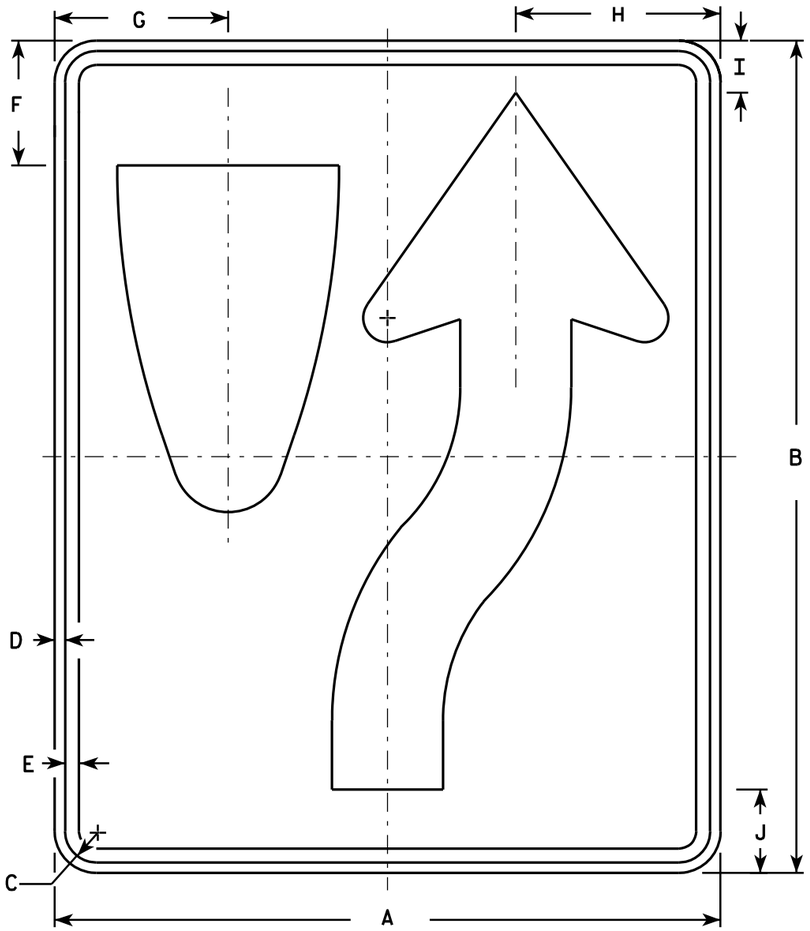
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-50.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 381 | E

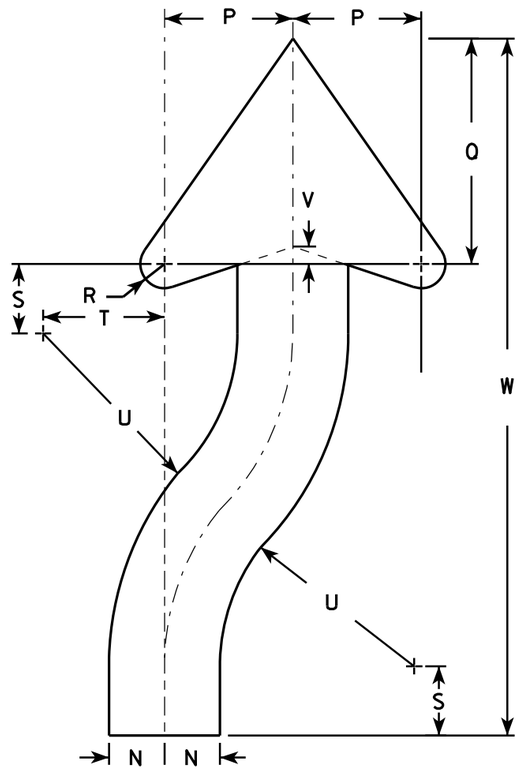




R4-7

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

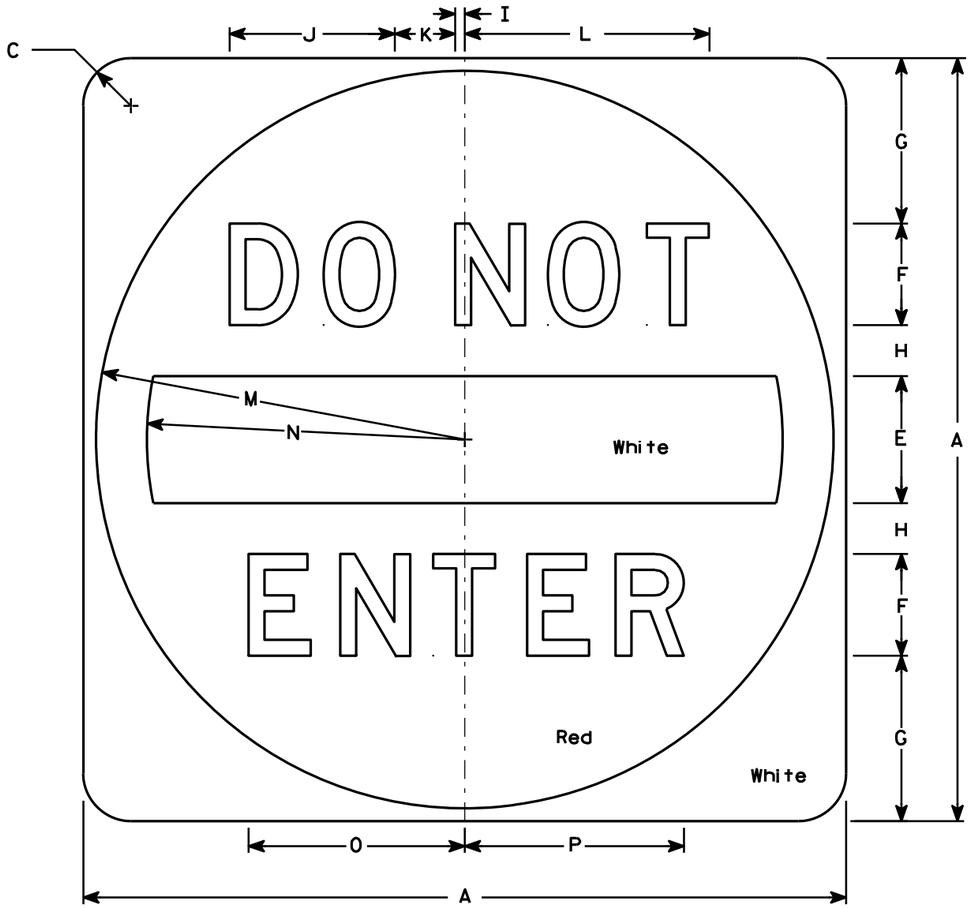
STANDARD SIGN
R4-7 & R4-8

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: 382	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

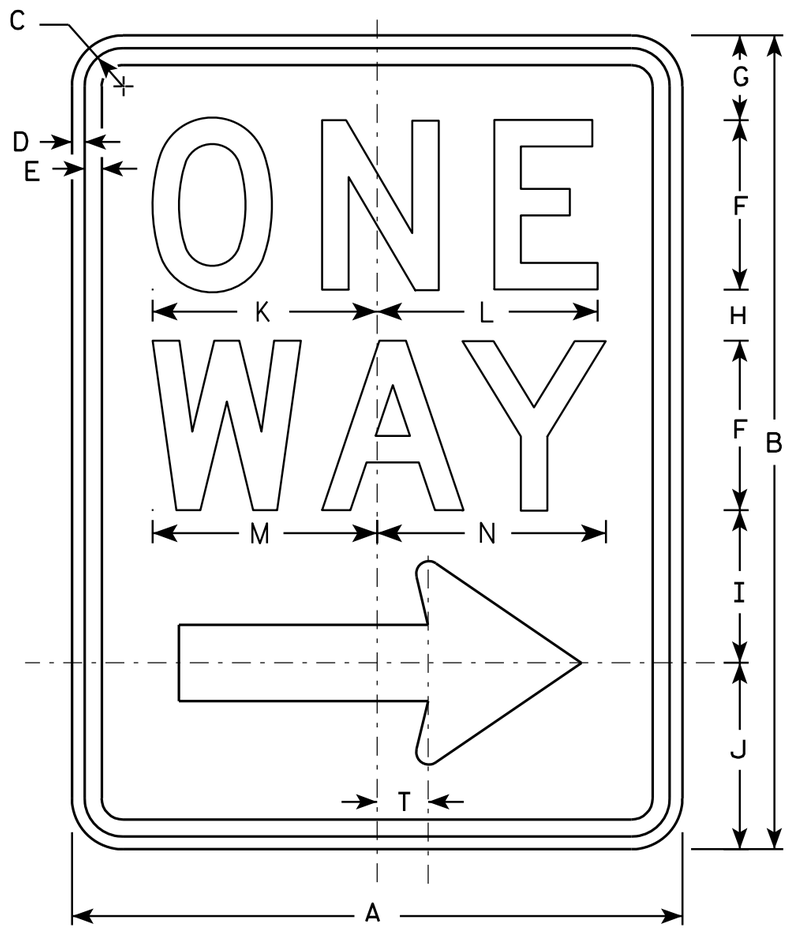
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

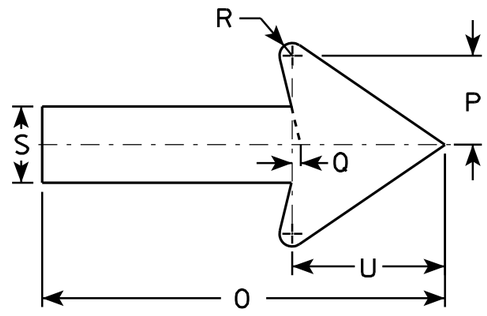
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 383 | E



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	Q	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: 384	E

R8-8

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																											
2S	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 1/4	9 5/8	6 5/8	3 5/8	10														5.0
2M	24	30	1 1/8	3/8	1/2	4	3 5/8	2 1/4	9 1/4	9 5/8	6 5/8	3 5/8	10														5.0
3	36	48	1 3/8	1/2	5/8	6	6	4	13 7/8	14 3/8	9 7/8	5 3/8	15														12.0
4	48	60	2 1/4	3/4	1	8	7 1/4	4 1/2	18 1/2	19 1/4	13 1/4	7 1/4	20														20.0
5																											

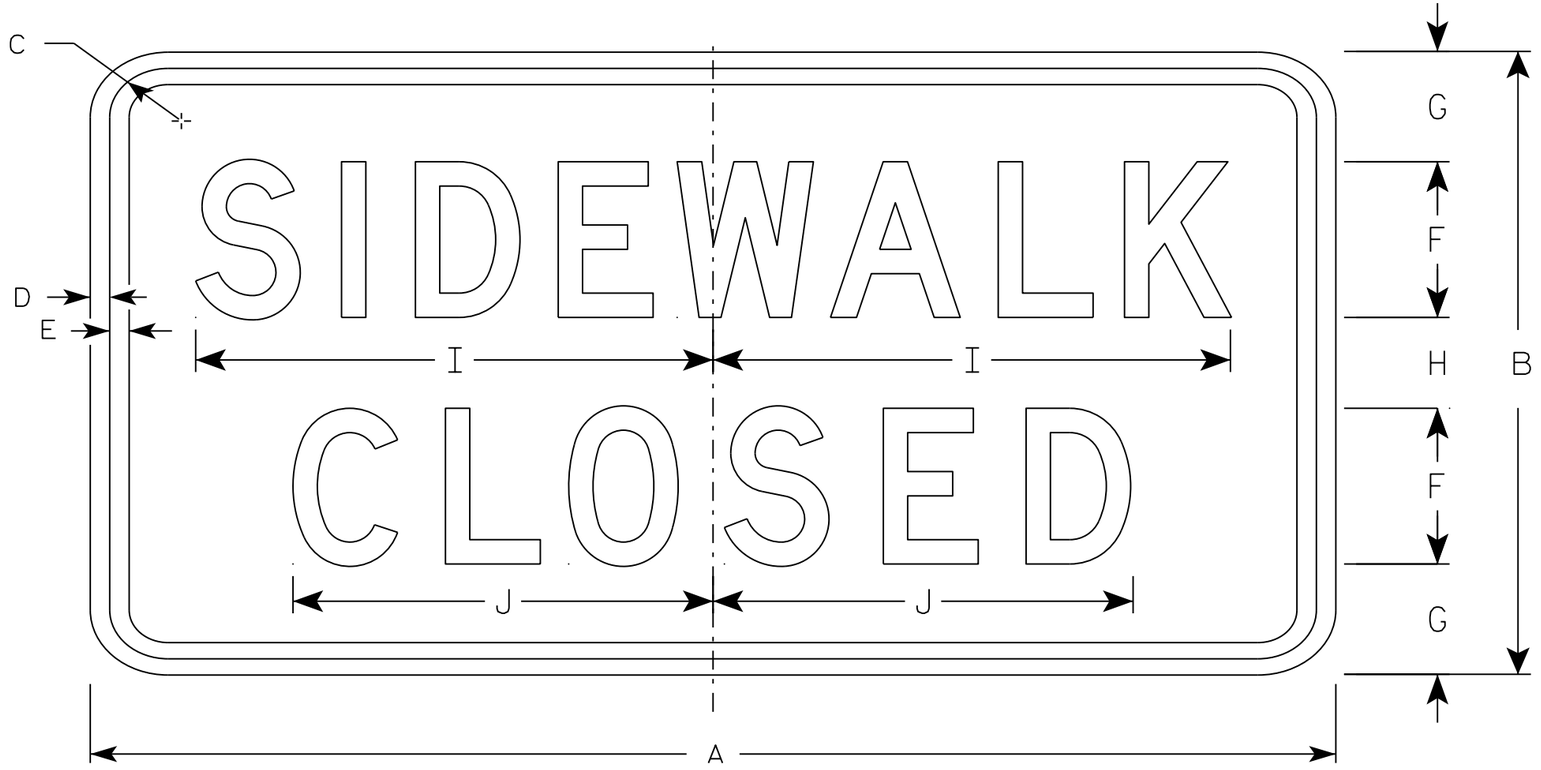
STANDARD SIGN
R8-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/31/2011 PLATE NO. R8-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 385	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.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

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 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

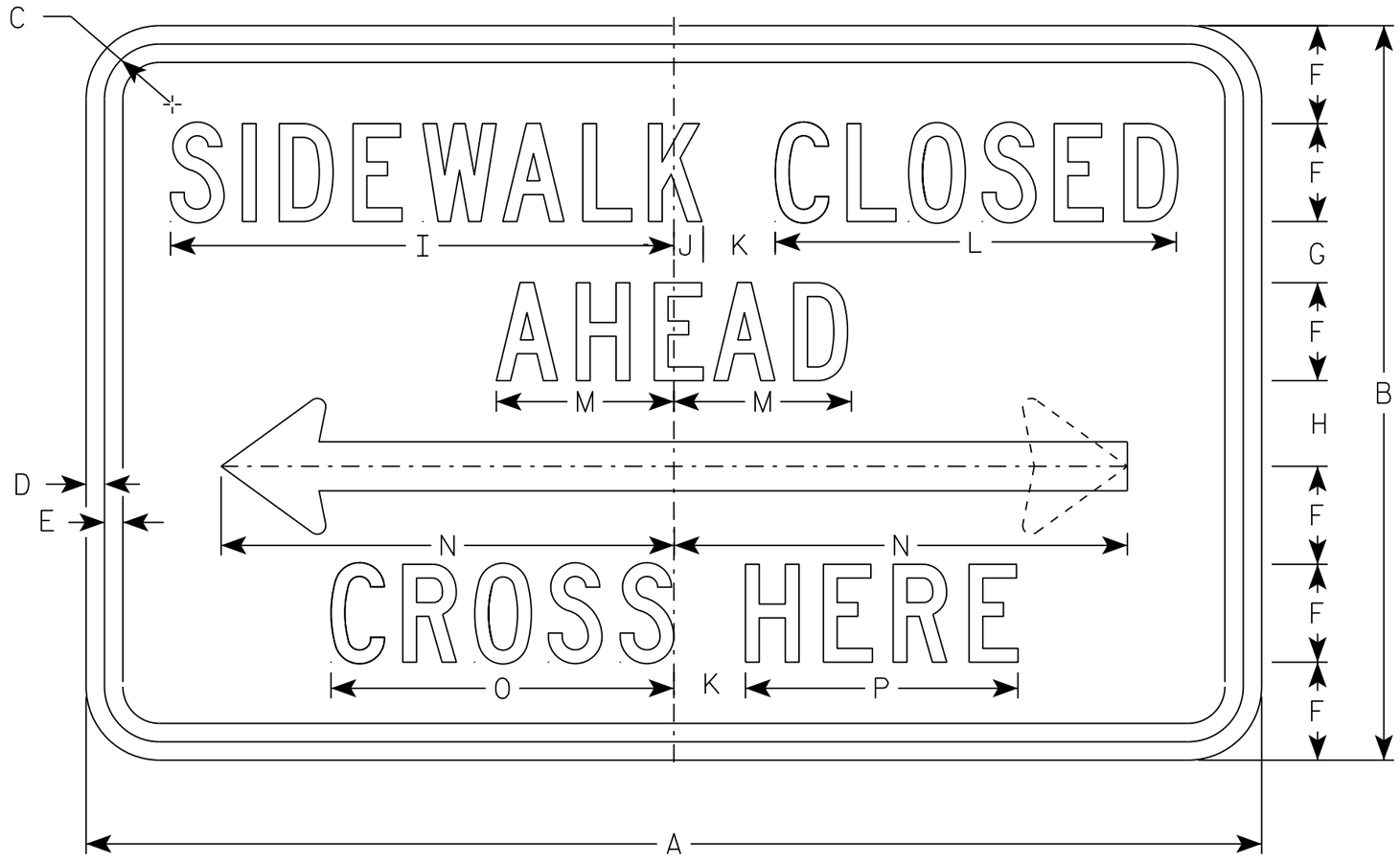
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

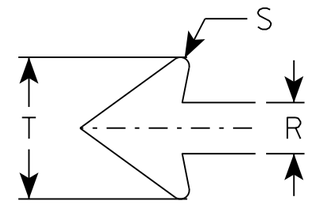
DATE 8/11/16 PLATE 386 R9-9.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000



R9-11



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C except Size 1 is 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. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

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	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
2M	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
3	30	15	1 1/8	3/8	1/2	2	1 1/2	1 1/2	13	3/4	2	10 1/4	4 5/8	12 3/8	8 7/8	6 7/8		1 1/4	1/4	3 5/8							3.125
4																											
5																											

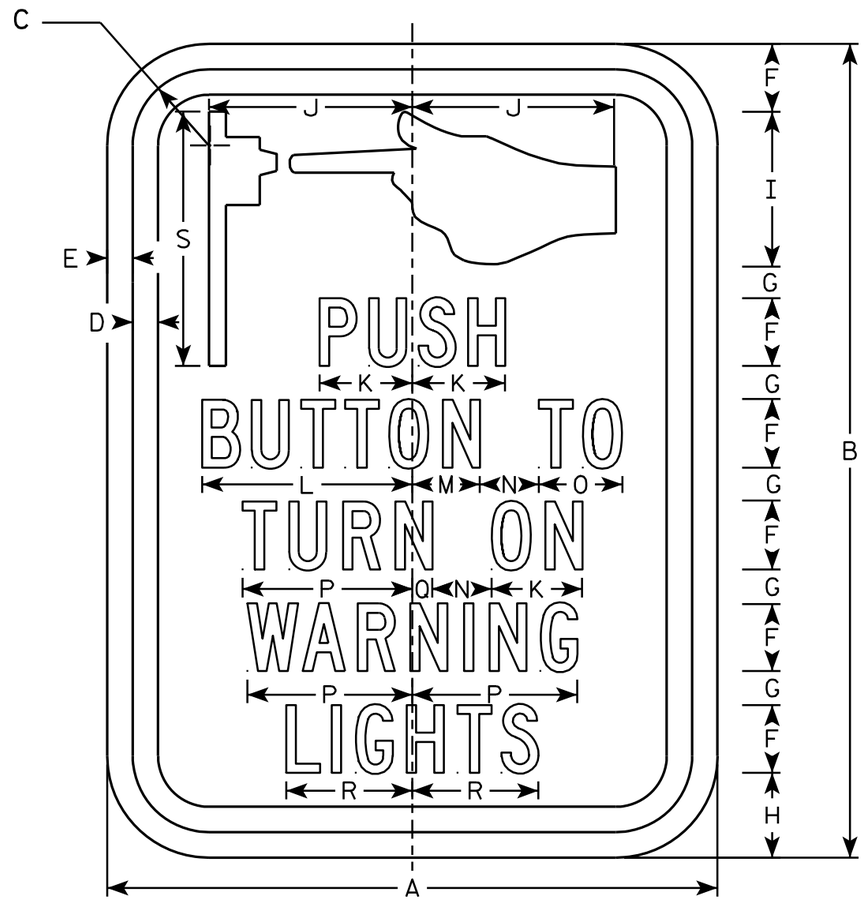
STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 387	E



R10-25

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.
5. Size (1) comes as a decal only.

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	6	9	1 1/8	3/8	3/8	3/4	3/8	1	1 3/4	2	7/8	2 1/8	5/8	5/8	7/8	1 5/8	1/4	1 1/4	2 7/8								.38
2S	9	12	1 1/8	3/8	3/8	1	1/2	1 1/4	2 1/4	3	1 3/8	3 1/8	1	7/8	1 1/4	2 1/2	1/4	1 7/8	3 3/4								.75
2M	9	12	1 1/8	3/8	3/8	1	1/2	1 1/4	2 1/4	3	1 3/8	3 1/8	1	7/8	1 1/4	2 1/2	1/4	1 7/8	3 3/4								.75
3																											
4																											
5																											

STANDARD SIGN
R10-25

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/10 PLATE NO. R10-25.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 388	E

R10-71

R10-71L

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.

R10-71R

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	R10-71L&R Area sq. ft.	R10-71 Area sq. ft.
1																												
2S	72	36	2 1/4	3/4	1	18	5	4	6	20 5/8	11 3/4	9 1/8	8 1/2	12 7/8	9 7/8	16 1/8	23 7/8	30	5 5/8	26 3/4	66	23 5/8	8 3/4	13	26 7/8	27	18.0	16.5
2M	72	36	2 1/4	3/4	1	18	5	4	6	20 5/8	11 3/4	9 1/8	8 1/2	12 7/8	9 7/8	16 1/8	23 7/8	30	5 5/8	26 3/4	66	23 5/8	8 3/4	13	26 7/8	27	18.0	16.5
3																												
4																												
5																												

STANDARD SIGN
R10-71

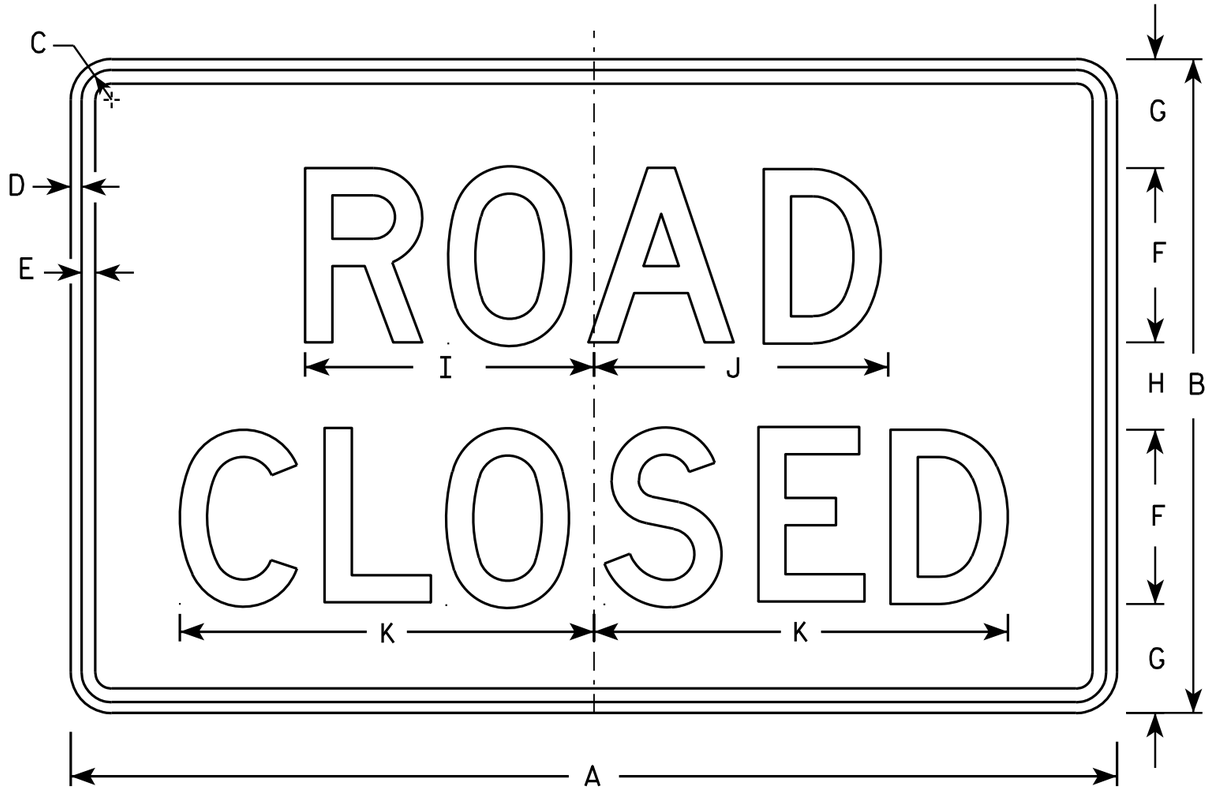
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/4/11 PLATE NO. R10-71.3

PROJECT NO:

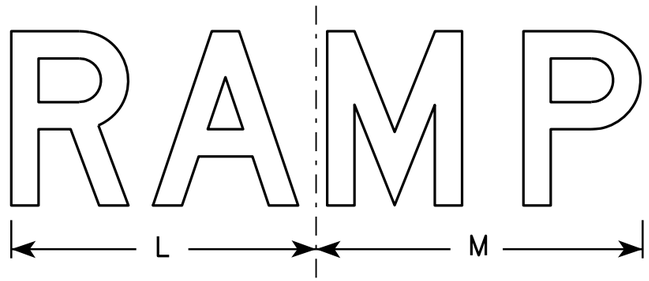
SHEET NO: 389 E



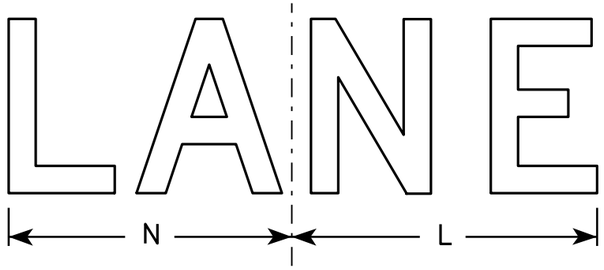
R11-2

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

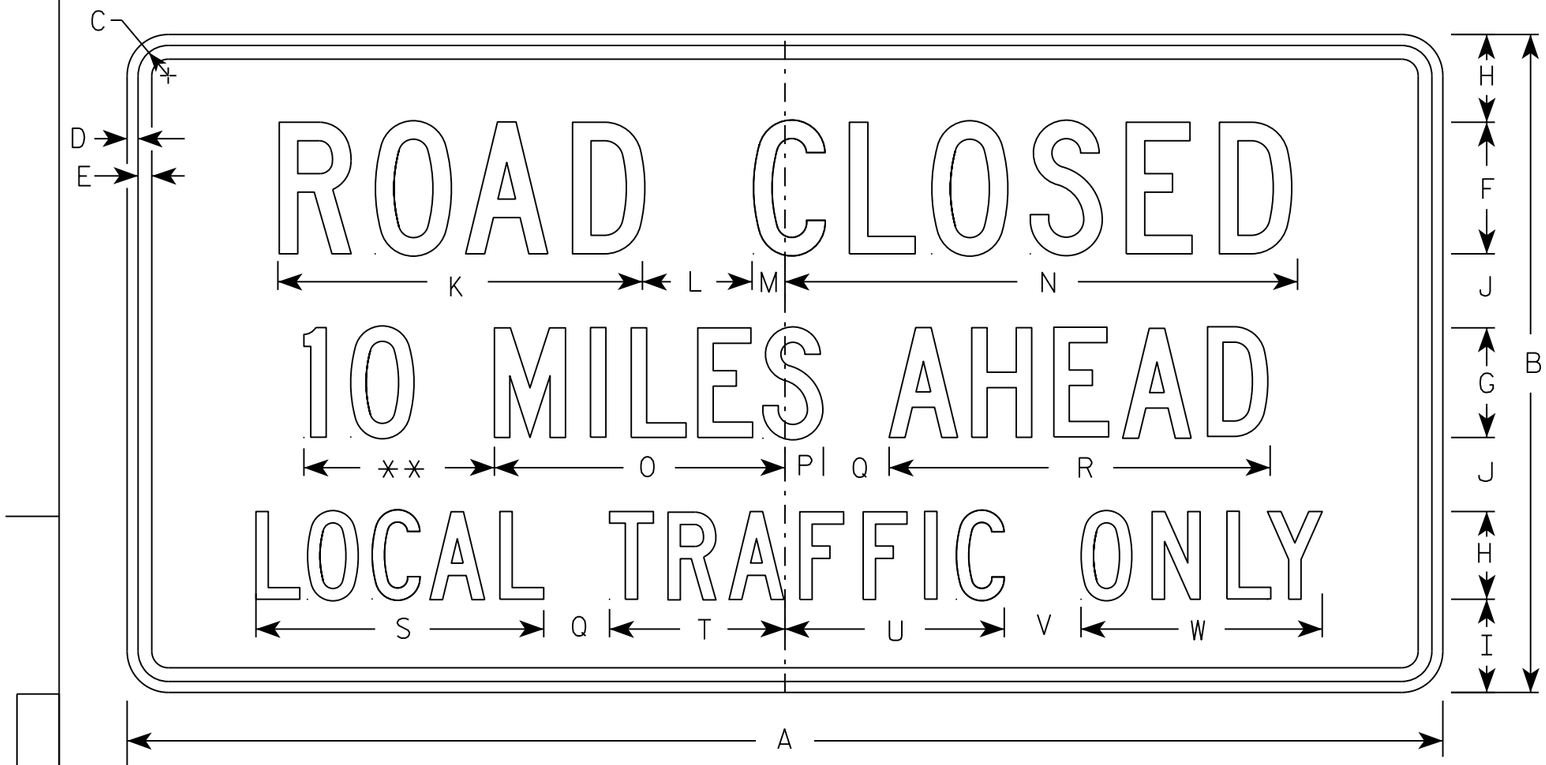
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

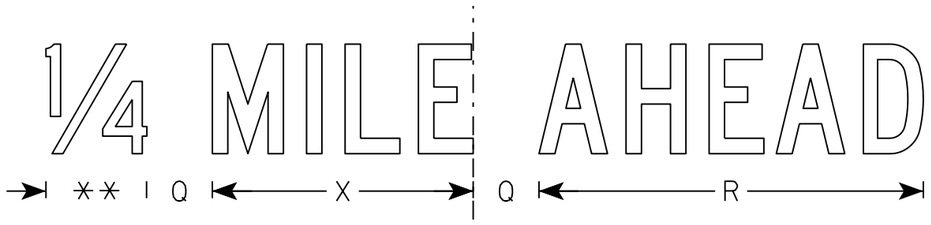
DATE 4/1/11 PLATE NO. R11-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 390	E



R11-3

** See Note 5



NOTES

1. Sign is Type II - Type H Reflective
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.
5. Substitute appropriate numerals to nearest quarter mile 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	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 3/4	8 3/8	4 3/4	6 1/2	2	6 3/4	7 1/8			4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

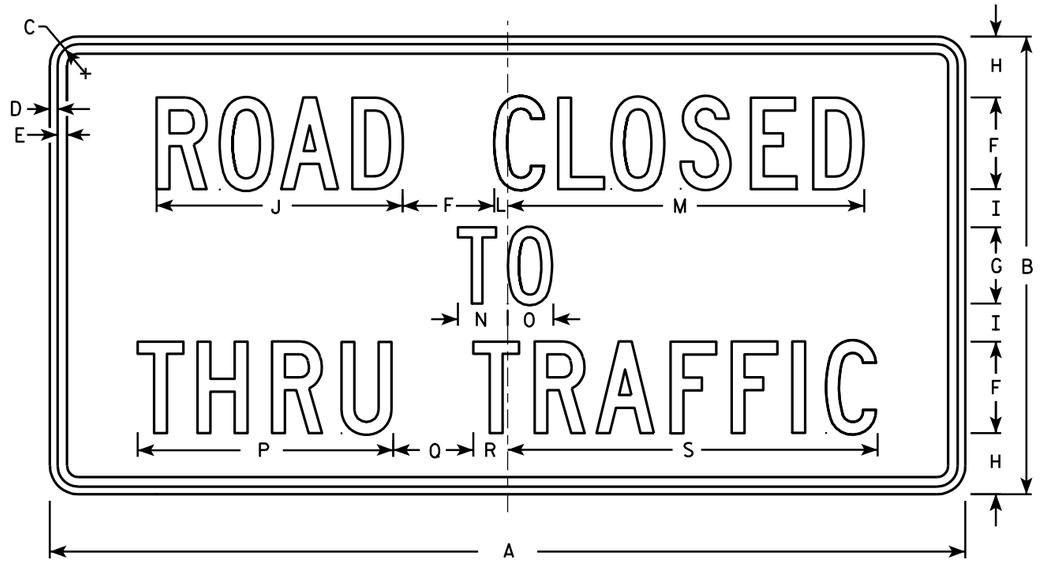
DATE 3/15/17 PLATE NO. R11-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 391 | E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R113.DGN PLOT DATE : 15-MAR-2017 15:04 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 6.907836:1.000000

WISDOT/CADDS SHEET 42

7 7



R11-4

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 - 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	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

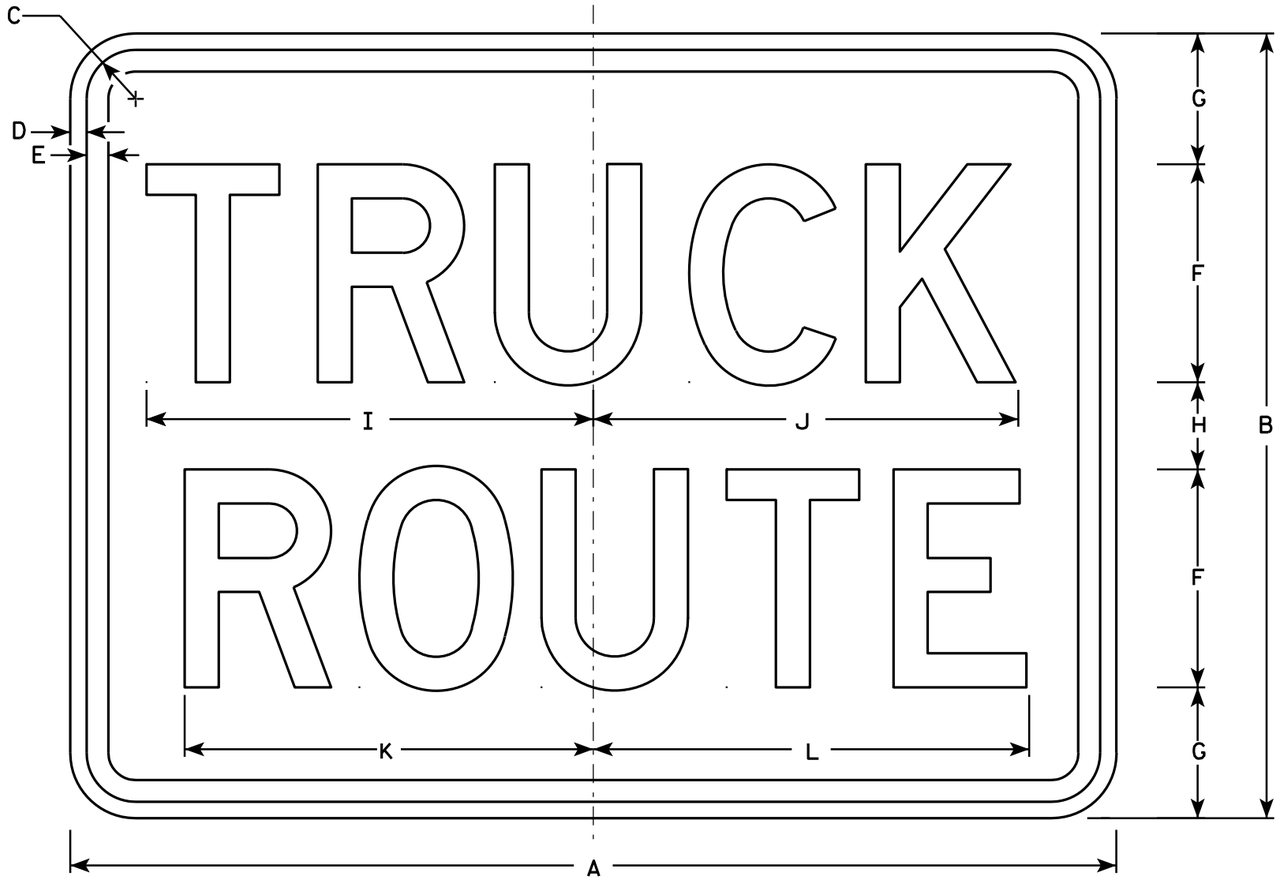
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 392 | E



R14-1

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																											
2	24	18	1 1/8	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
2	24	18	1 1/8	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
3	30	24	1 1/8	3/8	1/2	6	4	4	12 1/4	11 3/4	11 1/4	12															5.0
4																											
5																											

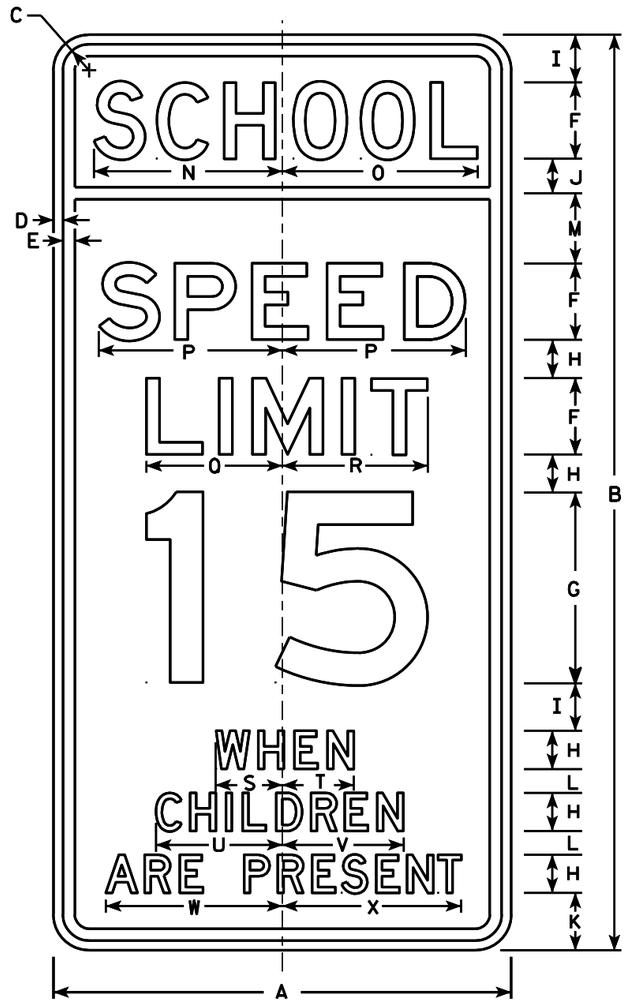
STANDARD SIGN
R14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R14-1.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 393	E



S4-51

NOTES

1. Sign is Type II - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. (See note 5).
2. Color:
   Background - See note 5
   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. Top panel (SCHOOL) background - Yellow Green -Type F Reflective.
   Lower panel background - White -Type H Reflective.
6. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
7. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 1200 mm
3	900 mm X 1800 mm
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	Area sq. ft.	Area m2
1																												
2	24	48	1 3/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00	0.72
3	36	72	2 1/4	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00	1.62
4																												
5																												

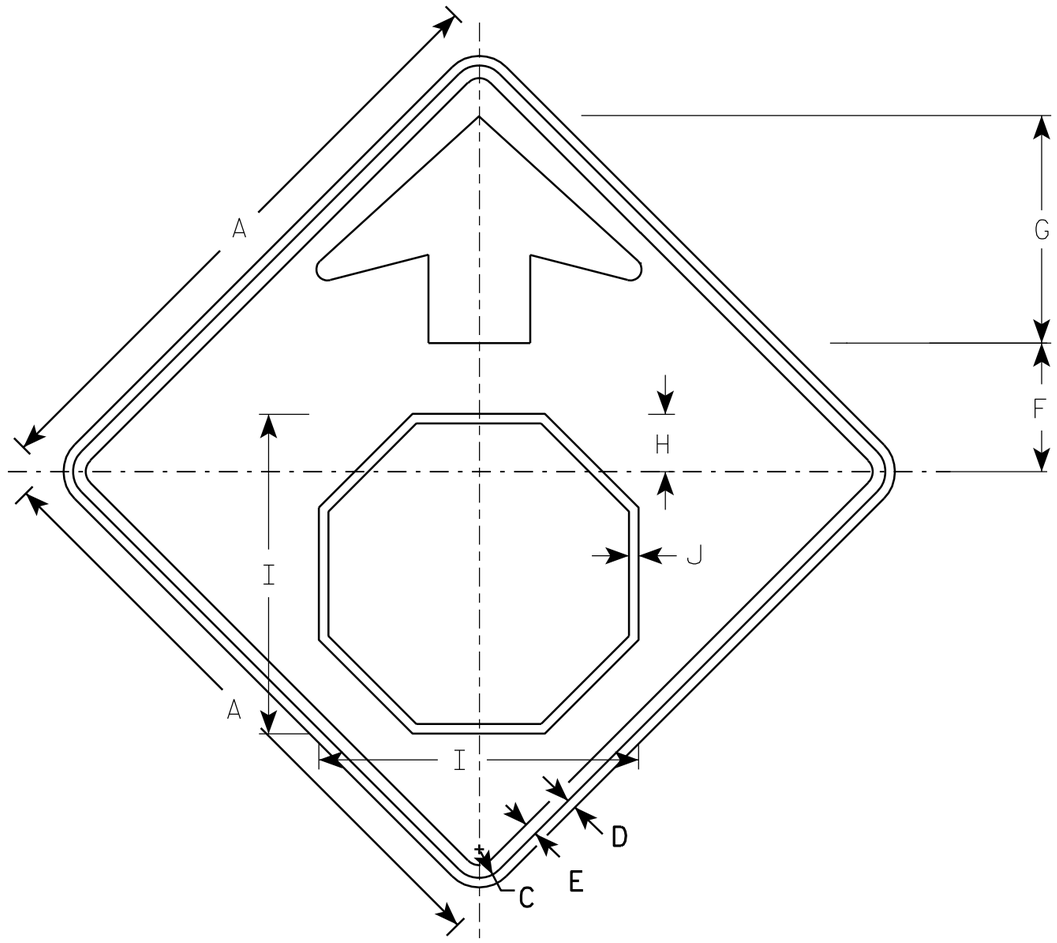
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/10 PLATE NO. S4-51.9

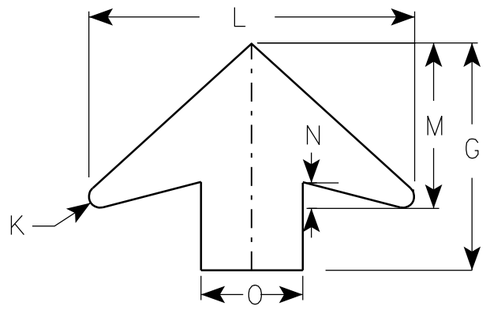
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 394 | E



W3-1

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
   Stop 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	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

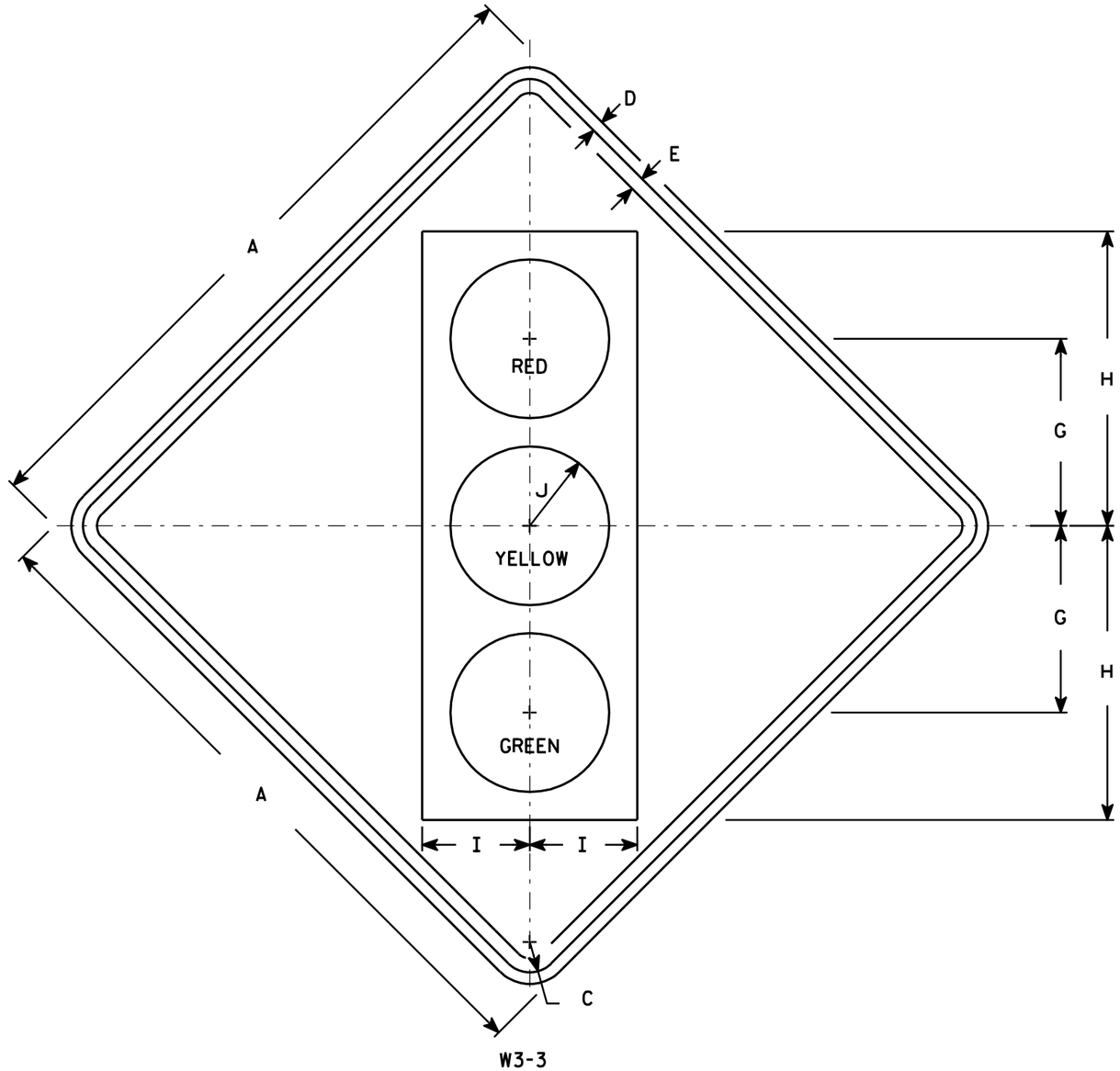
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

SHEET NO: 395 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

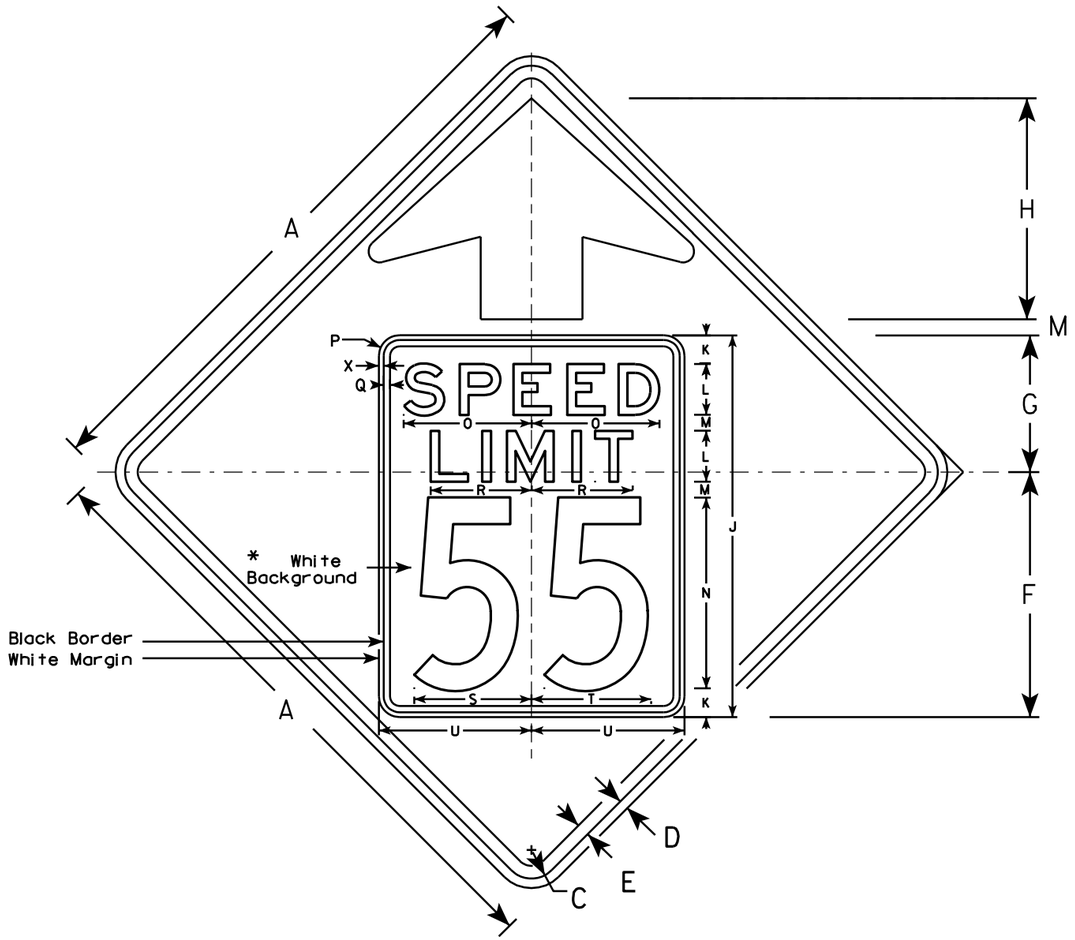
STANDARD SIGN
W3-3

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: 396 | E

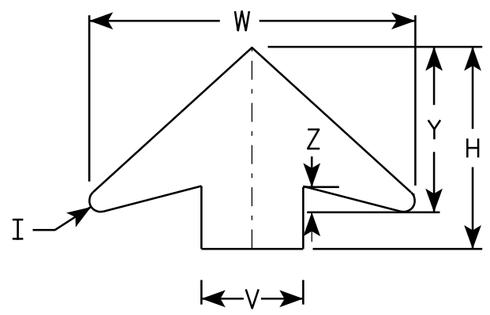


W3-5

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

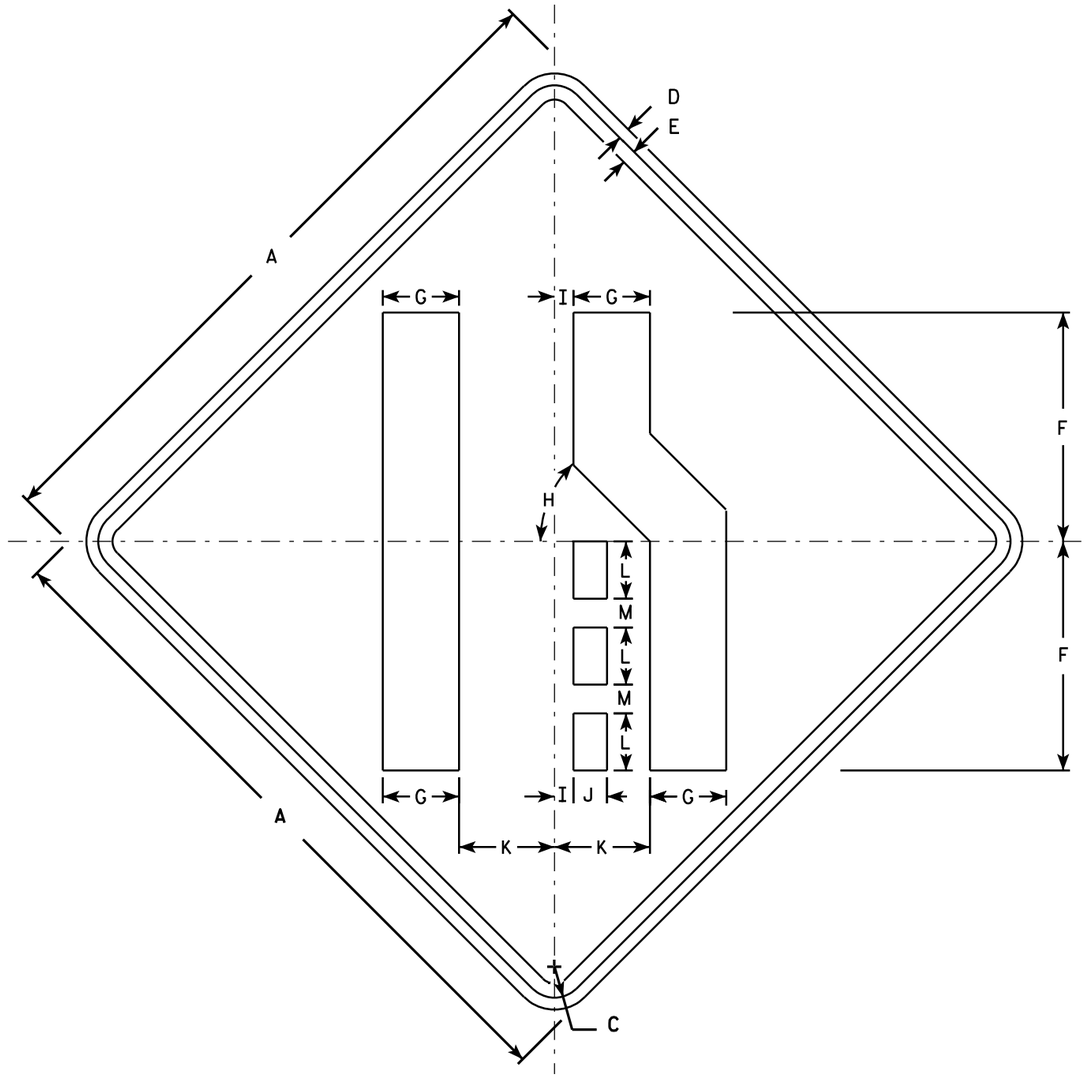
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 397 E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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. W4-2L is the same as W4-2R except the symbol 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	30		1 3/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W4-2

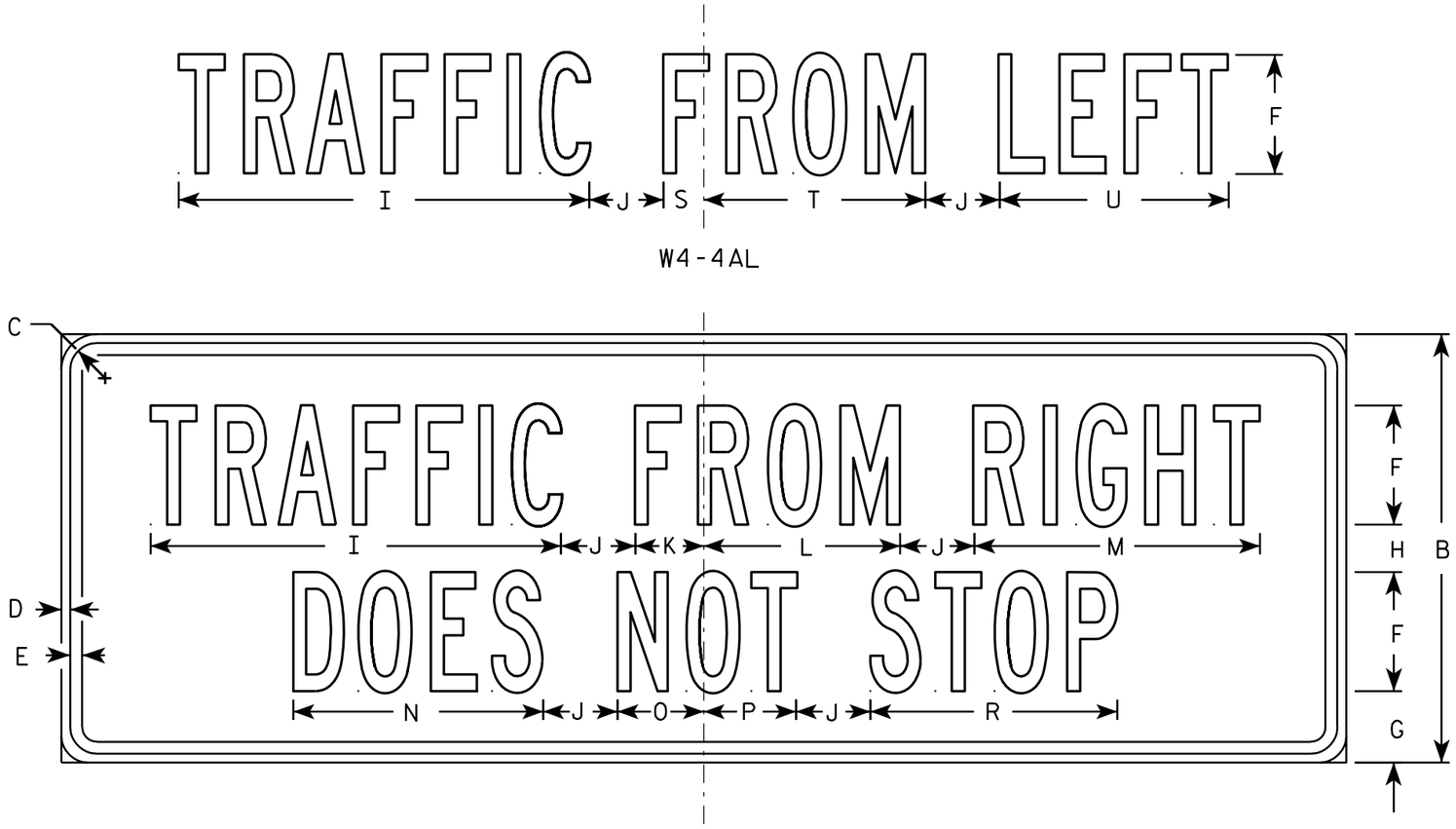
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/12/13 PLATE NO. W4-2.14

PROJECT NO:

SHEET NO: 398 E



W4-4AL

W4-4AR

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.

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	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	10 3/8	1 1/2	1 3/4	4 7/8	7 1/4	6 1/4	2 1/4	2 1/4		6 1/4	1	5 5/8	5 3/4						2.5
2M	30	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	10 3/8	1 1/2	1 3/4	4 7/8	7 1/4	6 1/4	2 1/4	2 1/4		6 1/4	1	5 5/8	5 3/4						2.5
3	42	15	1 1/8	3/8	1/2	4	2 5/8	1 3/4	13 7/8	2 3/8	2 1/8	6 3/4	9 3/4	8 3/8	2 3/4	3 3/8		8 3/8	1 1/8	7 3/4	7 3/4						4.4
4	54	18	1 1/8	3/8	1/2	5	3	2	17 1/4	3 1/8	2 7/8	8 1/4	12	10 1/2	3 5/8	3 7/8		10 3/8	1 3/4	9 3/8	9 5/8						6.8
5																											

STANDARD SIGN
W4-4AL & W4-4AR

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-4A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 399 | E

W4-4B

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.

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	12	1 1/8	3/8	1/2	3	2 1/4	1 1/2	12 3/8	5/8	1 1/2	10 3/8	6 1/4	2 1/4	2 1/4	6 1/4											2.5
2M	30	12	1 1/8	3/8	1/2	3	2 1/4	1 1/2	12 3/8	5/8	1 1/2	10 3/8	6 1/4	2 1/4	2 1/4	6 1/4											2.5
3	42	15	1 1/8	3/8	1/2	4	2 5/8	1 3/4	16 7/8	5/8	2 3/8	13 7/8	8 3/8	3	3 1/8	8 3/8											4.17
4	48	18	1 1/8	3/8	1/2	5	3	2	21	5/8	3 1/8	17 1/4	10 1/2	3 5/8	3 7/8	10 3/8											6.0
5																											

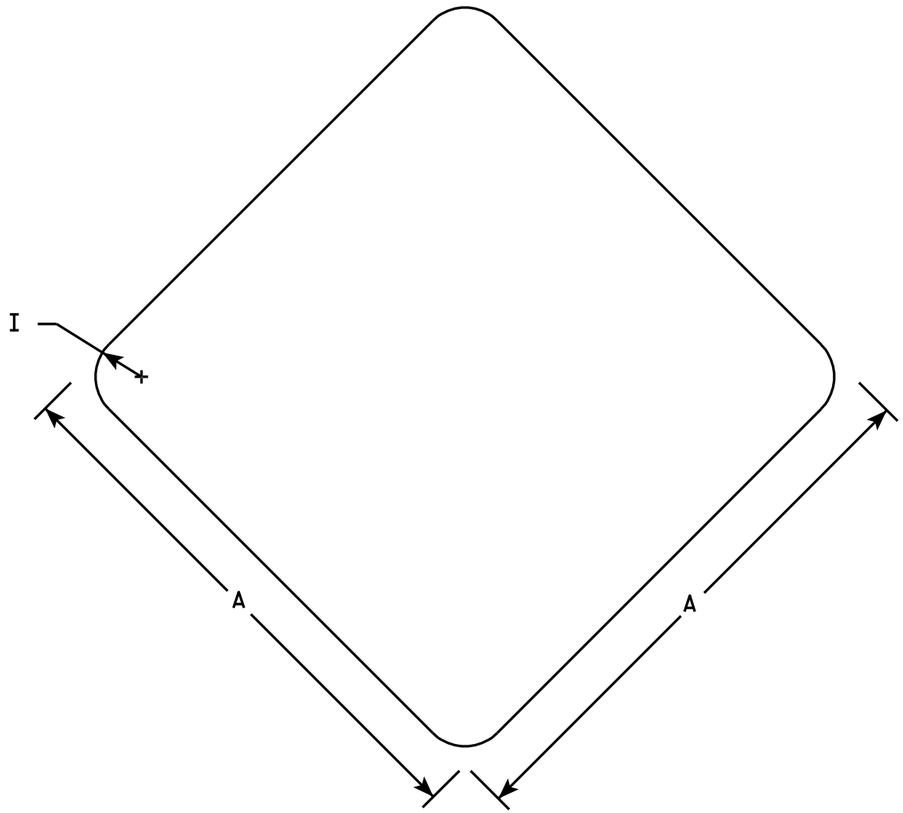
STANDARD SIGN
W4-4B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-4B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 400	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																											

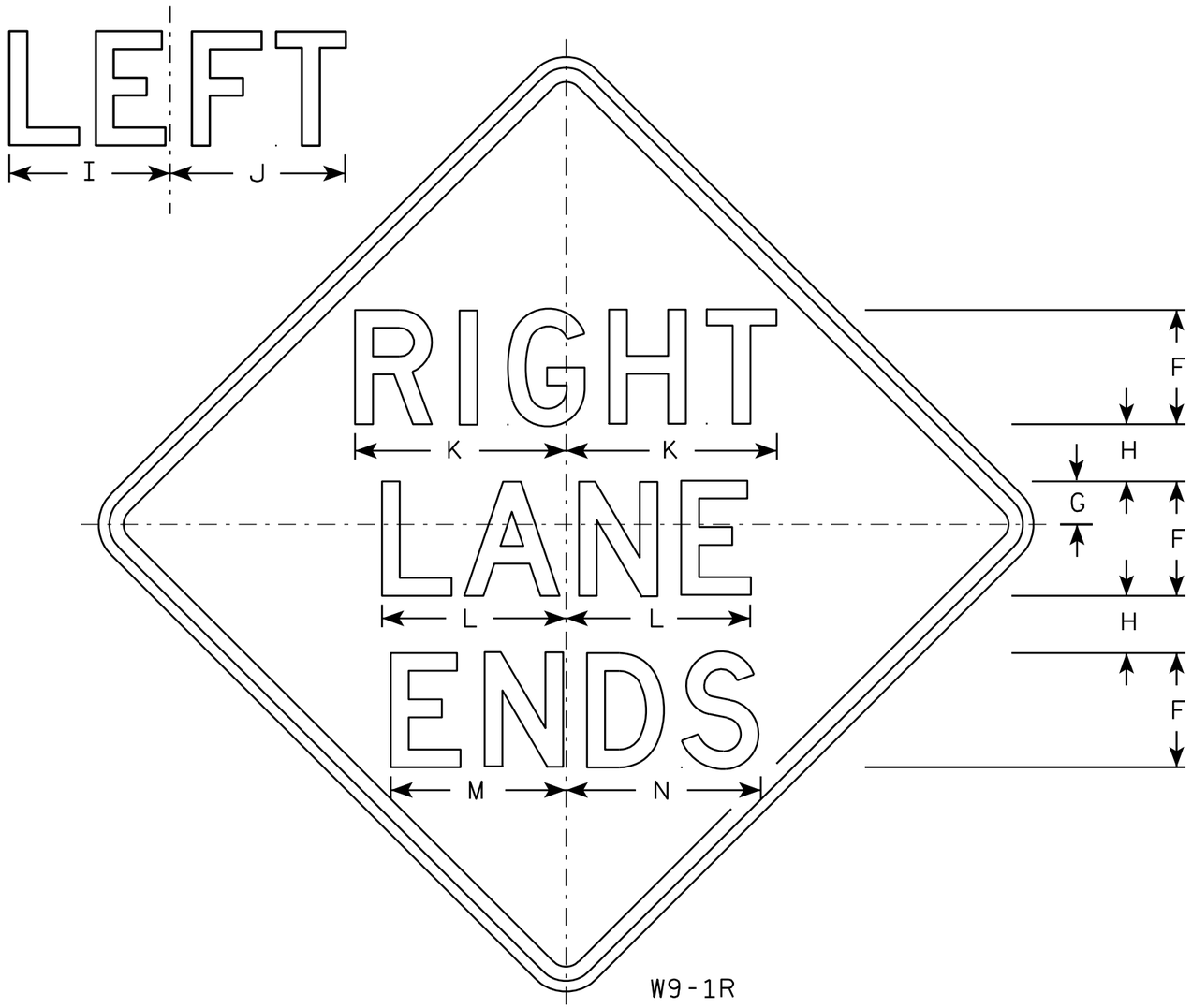
STANDARD SIGN
W5-56

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: 401	E



W9-1R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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. W9-1L same as W9-1R except the word Left replaces 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	30		1 3/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		1 5/8	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		2 1/4	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN
W9-1

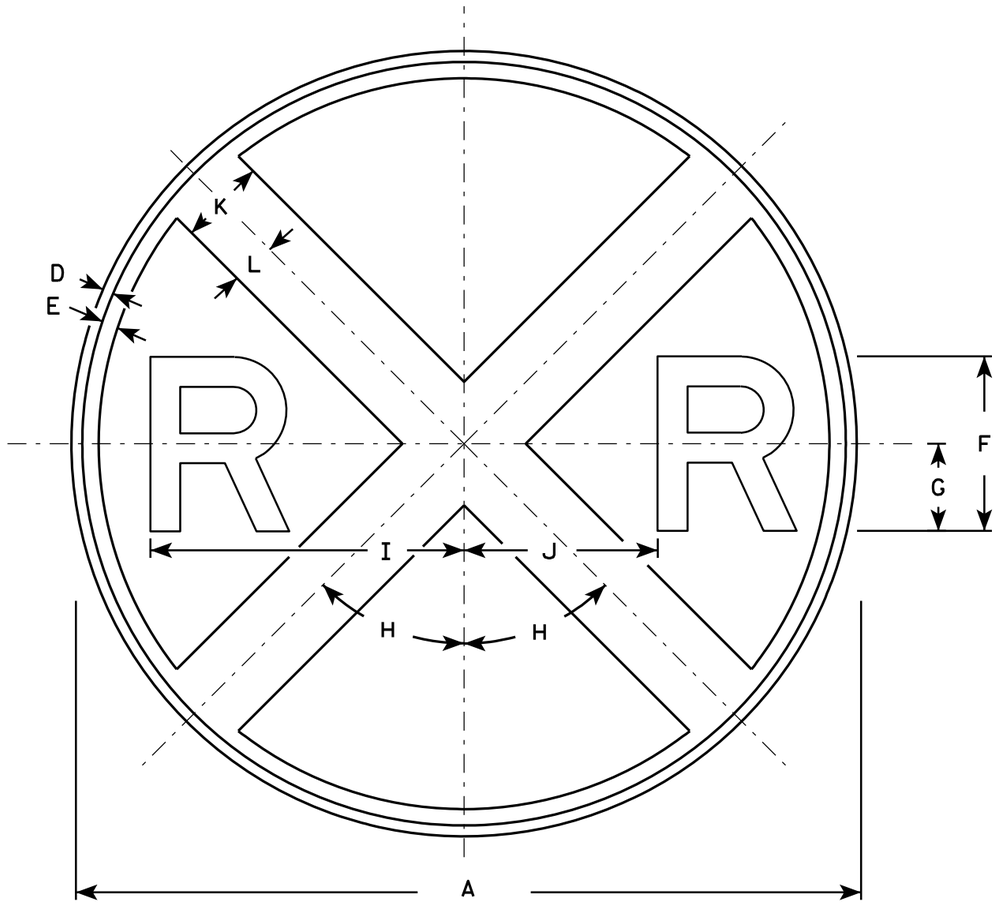
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 03/18/13 PLATE NO. W9-1.8

PROJECT NO:

SHEET NO: 402 E



W10-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message 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	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 3/8	8 5/8	4	2															7.07
3																											
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 5/8	5	2 1/2															12.57
5																											

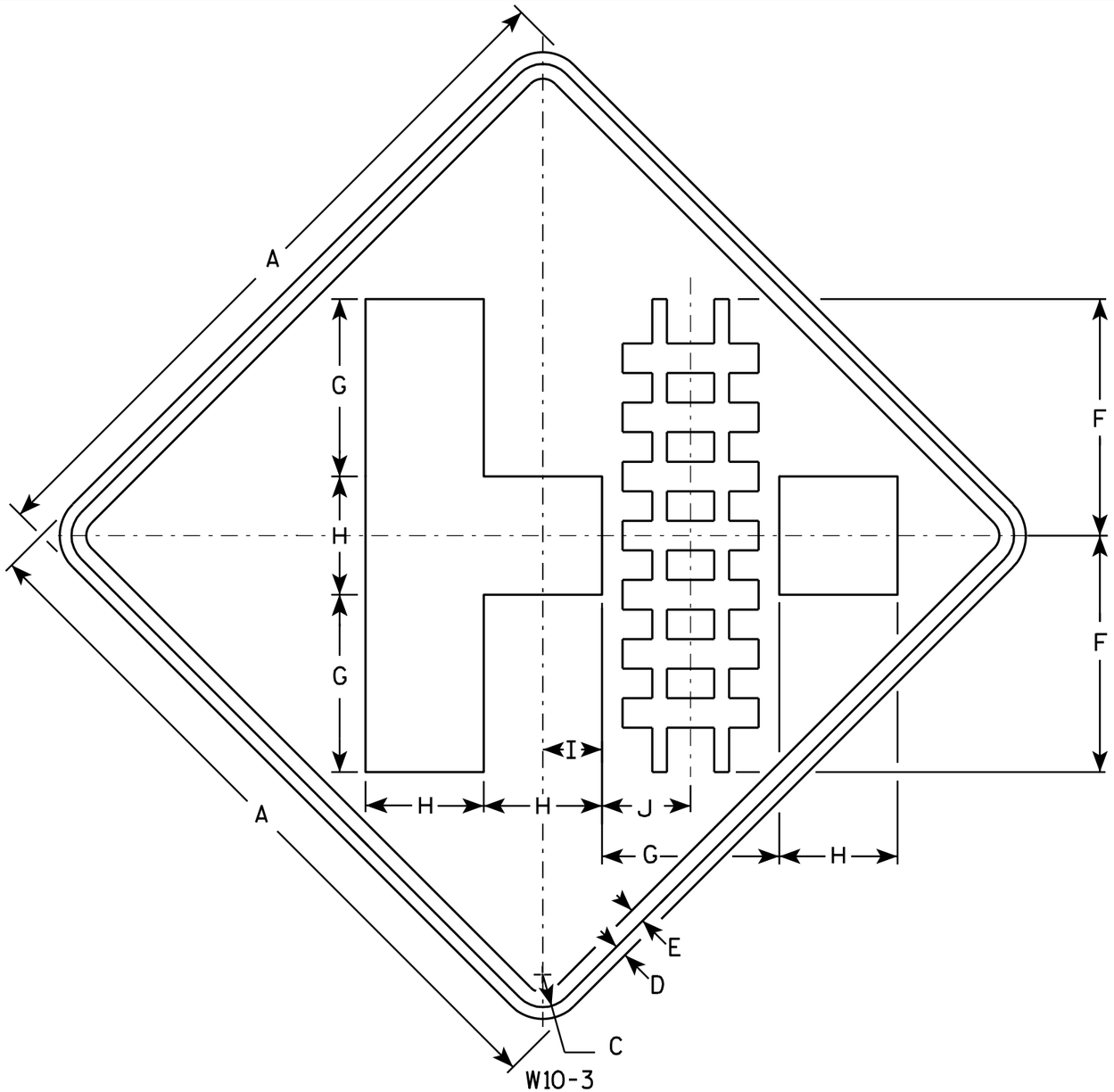
STANDARD SIGN
W10-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

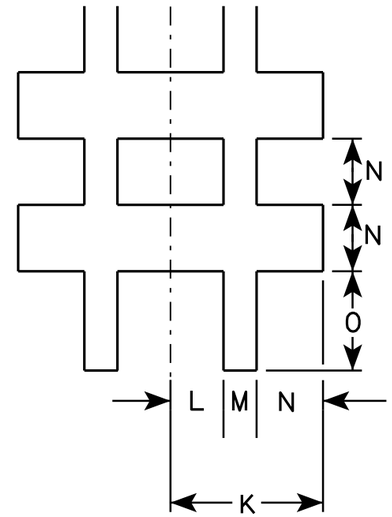
DATE 3/13/13 PLATE NO. W10-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 403	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 - 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	30		1 3/8	1/2	5/8	10	7 1/2	5	2 1/2	3 3/4	2 7/8	1	5/8	1 1/4	1 7/8												6.25
2S	36		1 5/8	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
2M	36		1 5/8	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
3	36		1 5/8	5/8	3/4	12	9	6	3	4 1/2	3 3/8	1 1/8	3/4	1 1/2	2 1/4												9.0
4	48		2 1/4	3/4	1	16	12	8	4	6	4 1/2	1 1/2	1	2	3												16.0
5																											

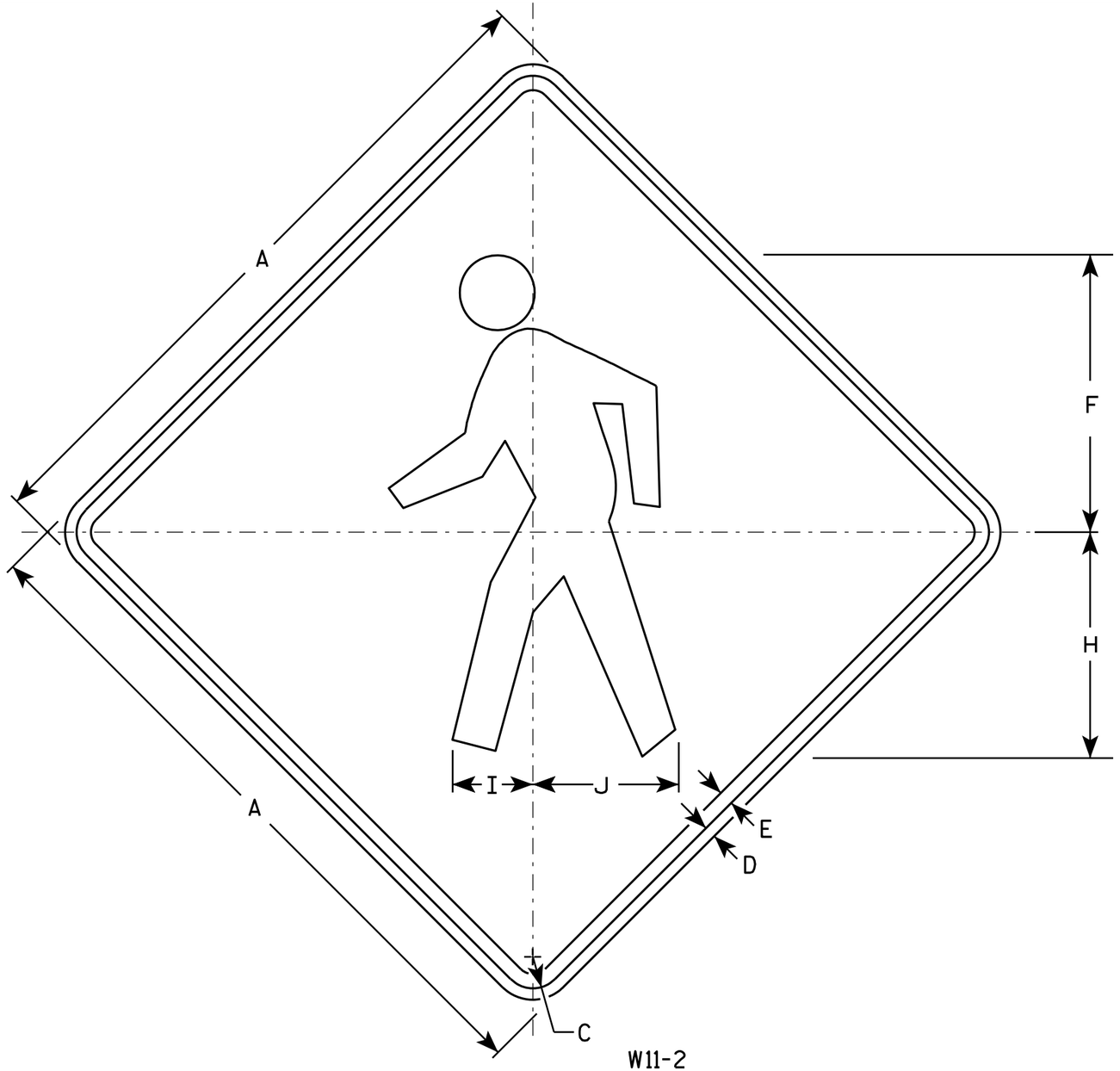
STANDARD SIGN
W10-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W10-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 404 | 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																											

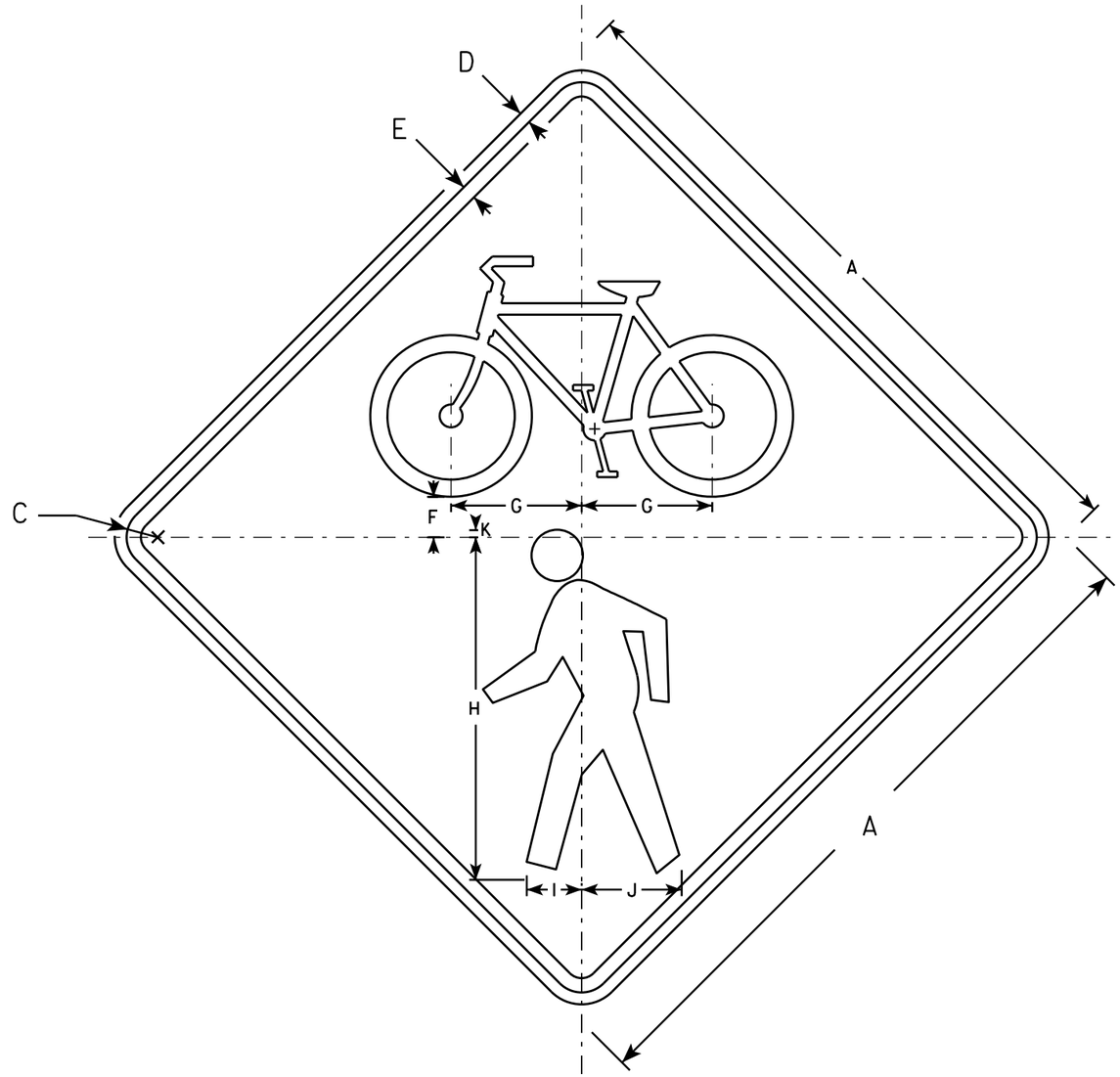
STANDARD SIGN
W11-2

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: 405	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

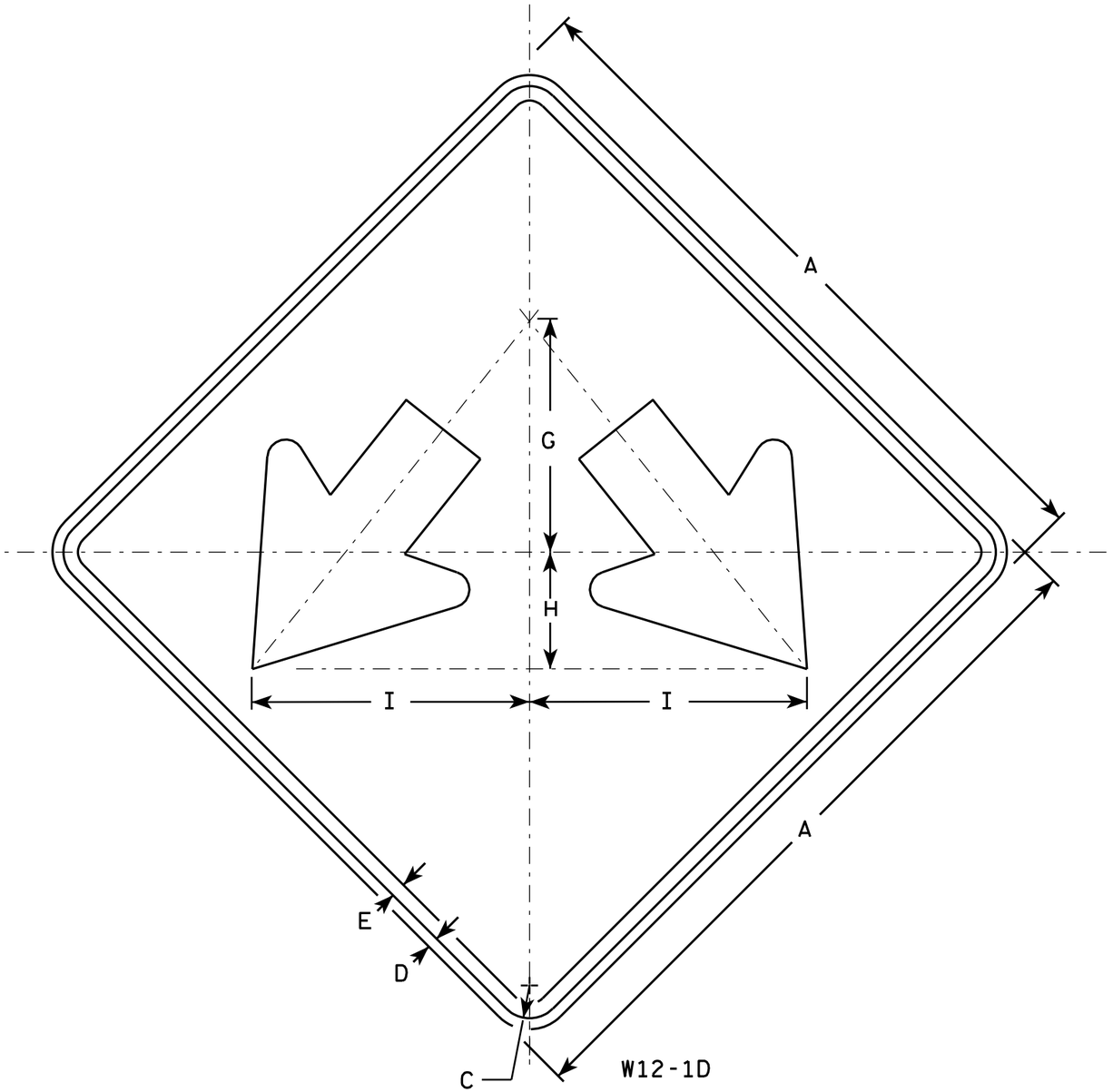
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/13/14 PLATE NO. W11-15.4

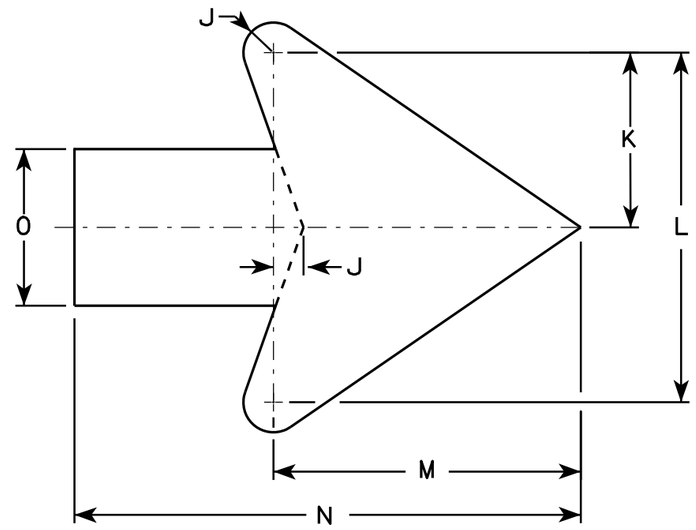
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W1115.DGN PLOT DATE : 13-FEB-2014 10:54 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 7.783368:1.000000
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 - 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.



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		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

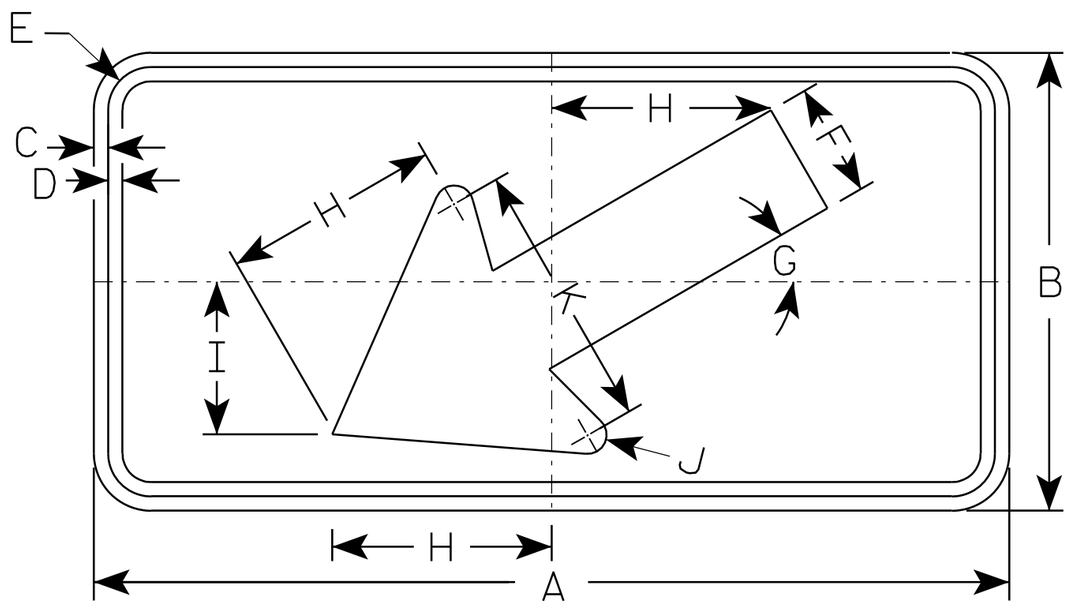
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 407	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

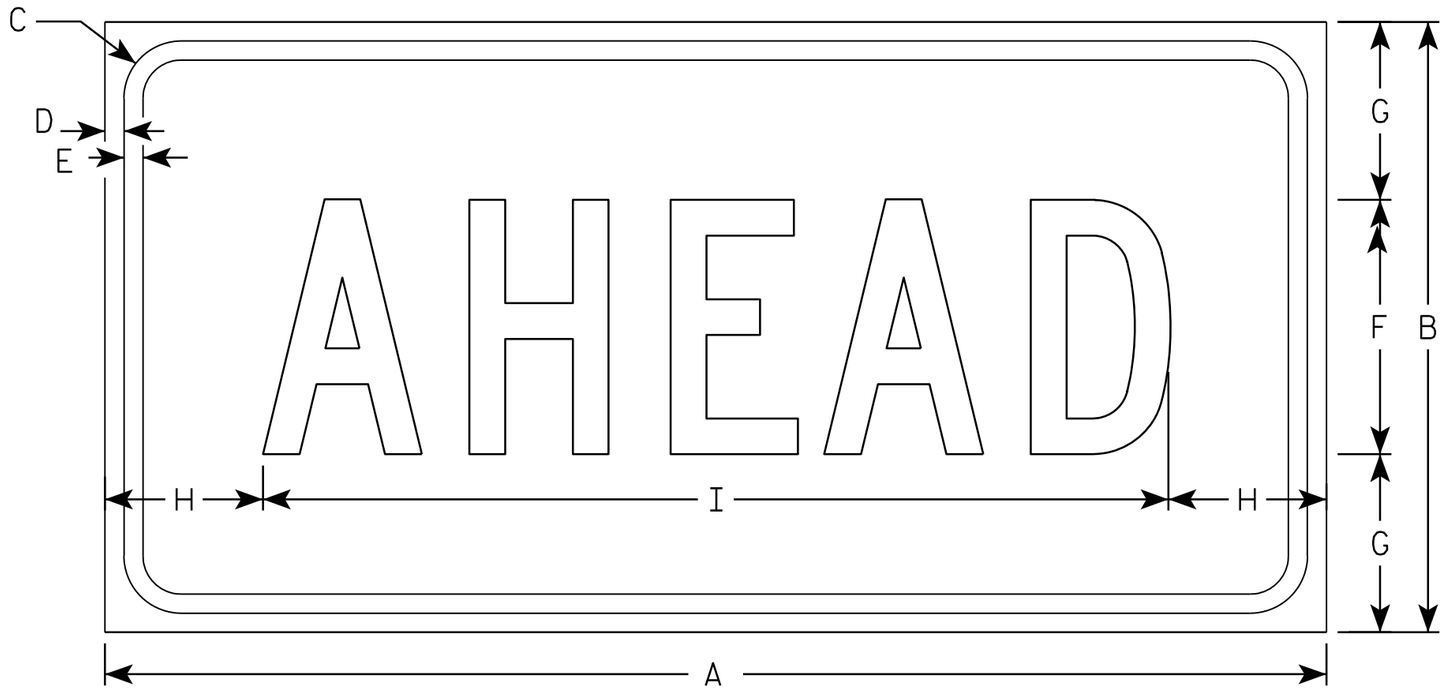
STANDARD SIGN
W16-7

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: 408	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

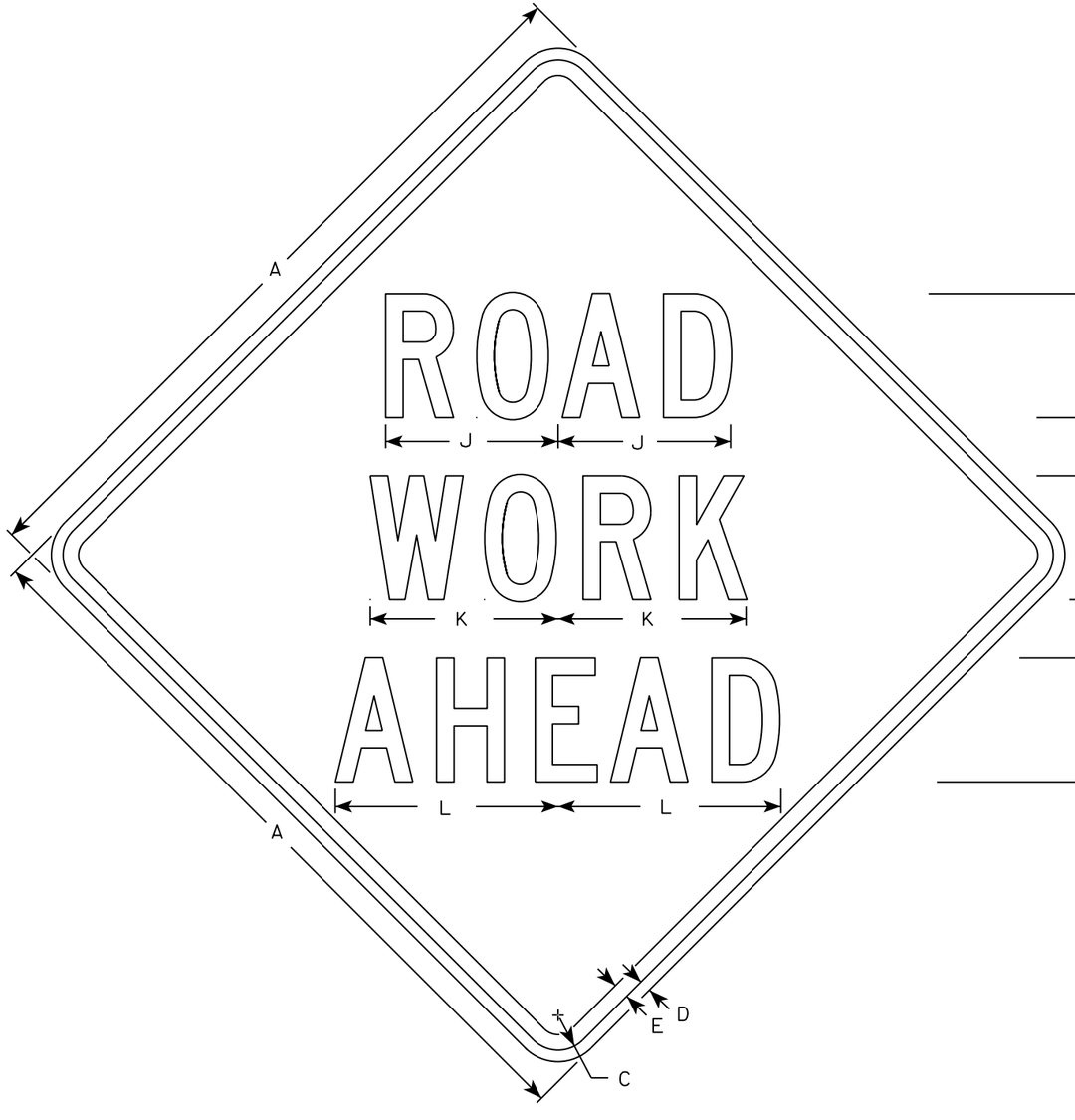
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/28/10 PLATE NO. W16-9P.6

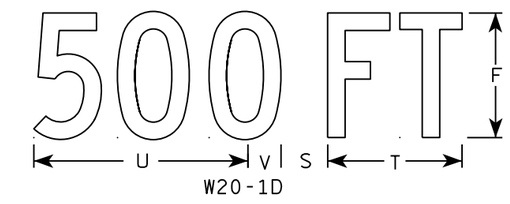
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 409 | E

7

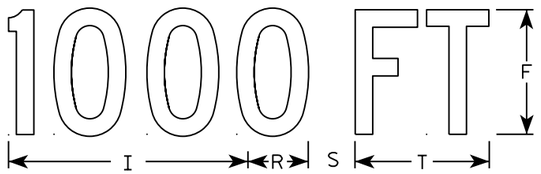
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W169P.DGN PLOT DATE : 28-DEC-2010 13:39 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 2.979524:1.000000
WISDOT/CADDS SHEET 42



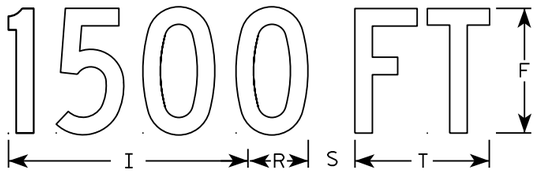
W20-1A



W20-1D

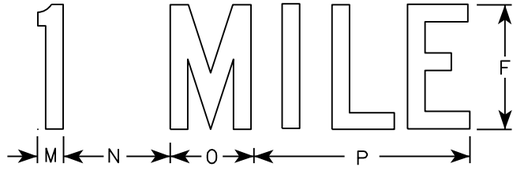


W20-1C

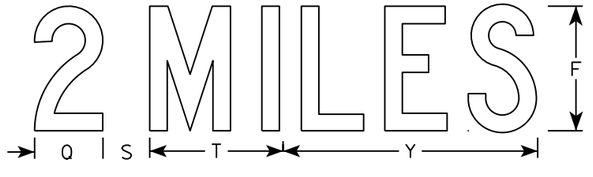


W20-1B

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

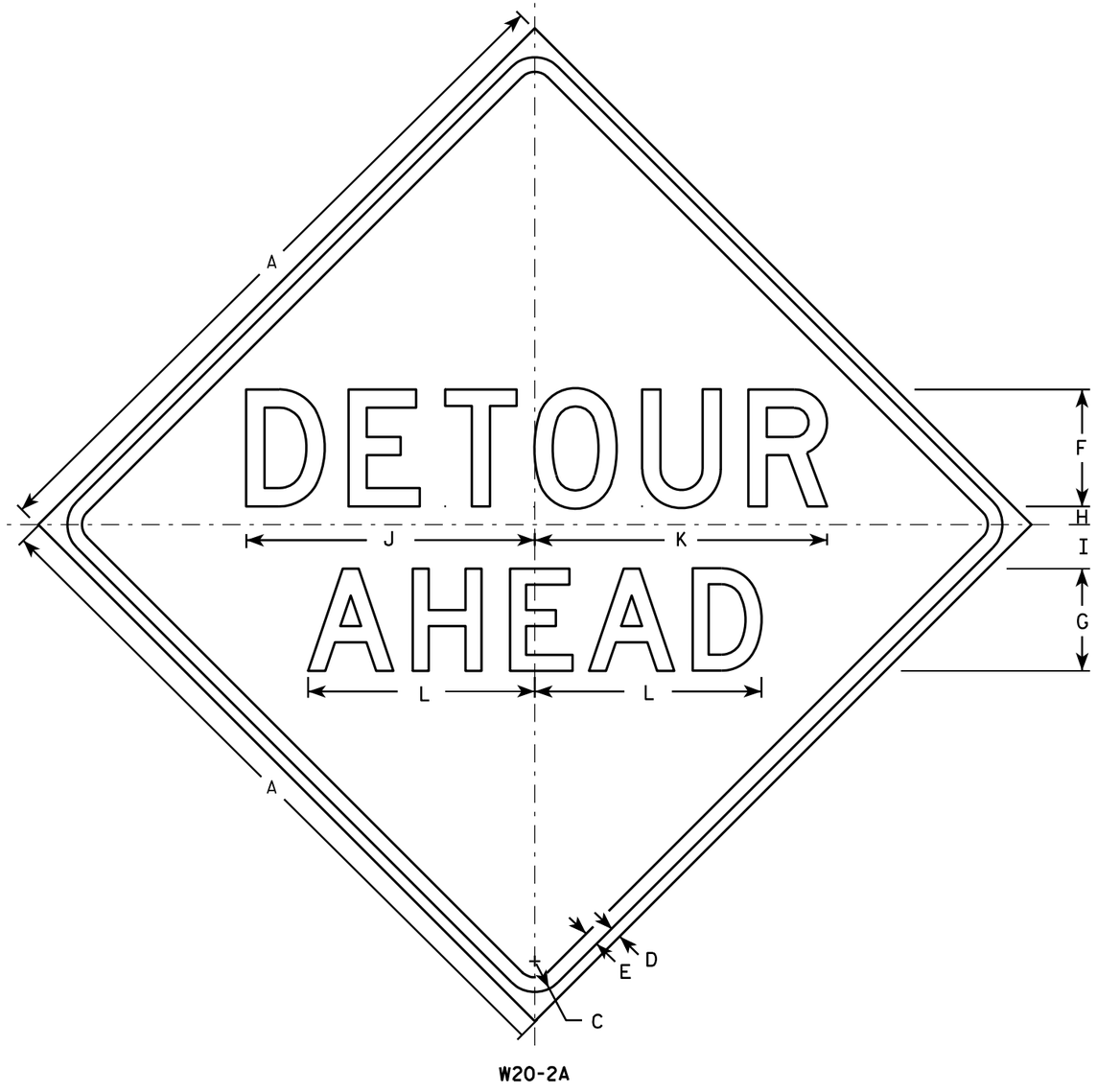
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10

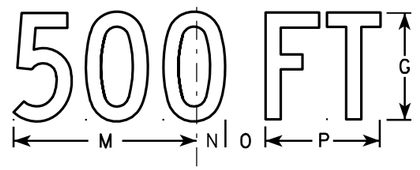
PROJECT NO:

SHEET NO: E

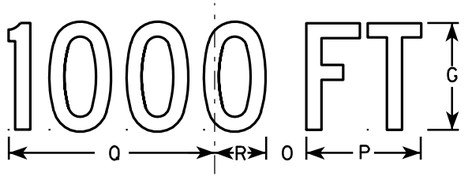
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 01-DEC-2015 18:24 PLOT BY : $$ plotuser $$



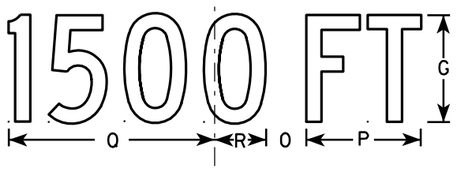
W20-2A



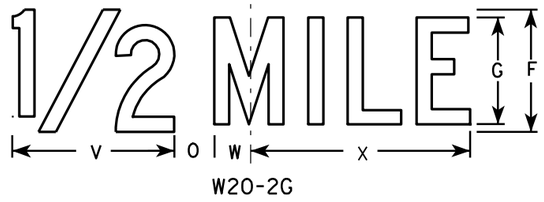
W20-2D



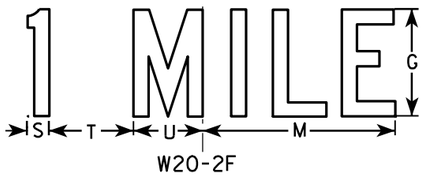
W20-2C



W20-2B



W20-2G



W20-2F

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. Line 1 is Series D.
   Line 2 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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	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	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

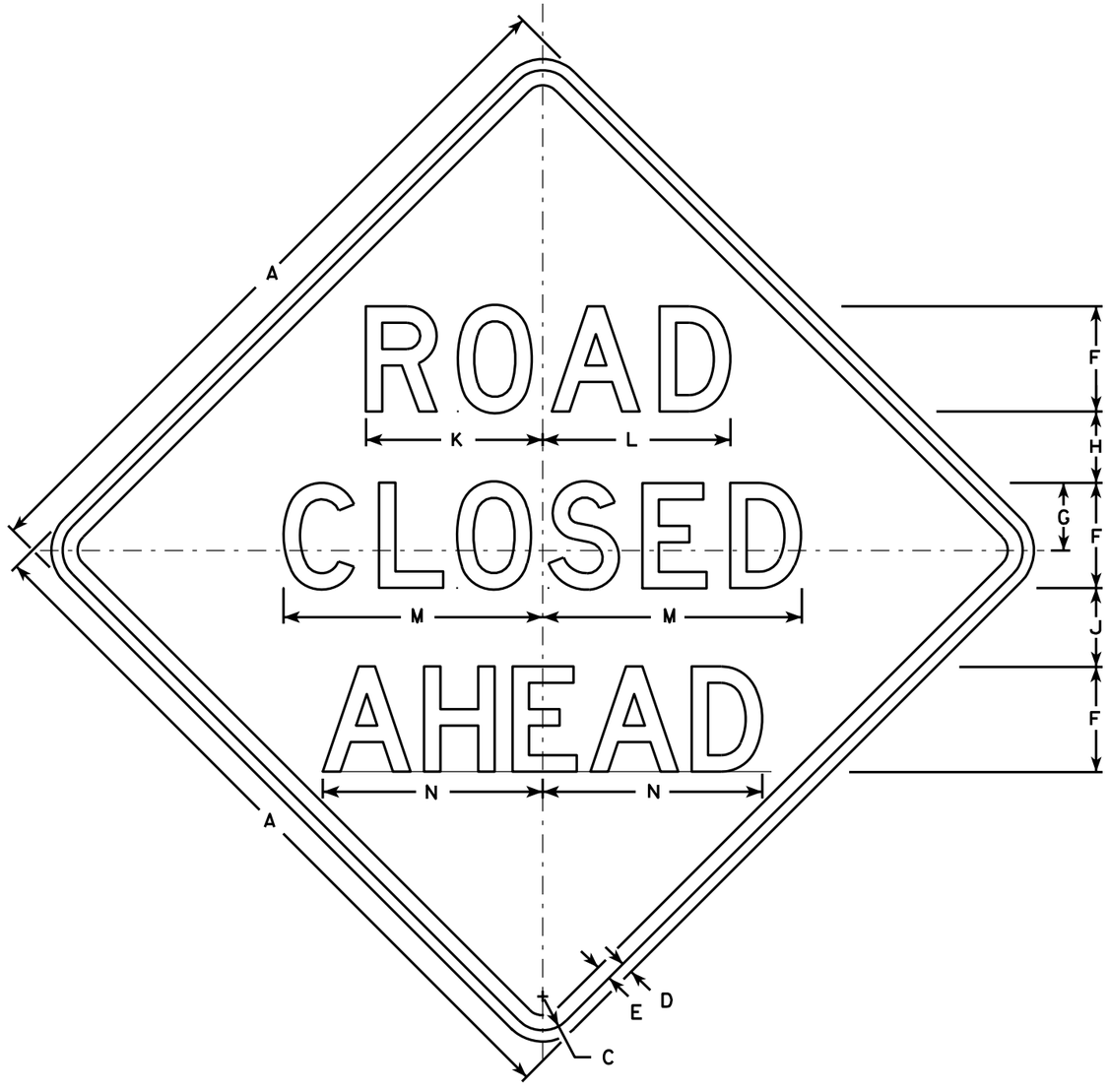
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

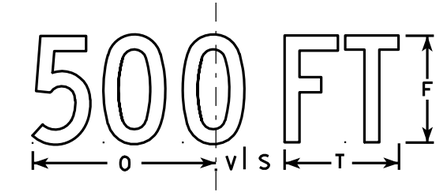
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

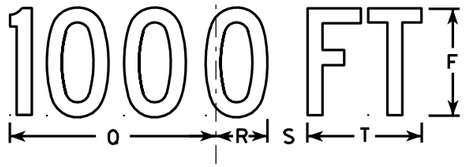
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 411	E



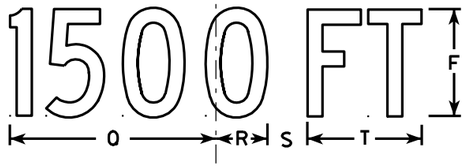
W20-3A



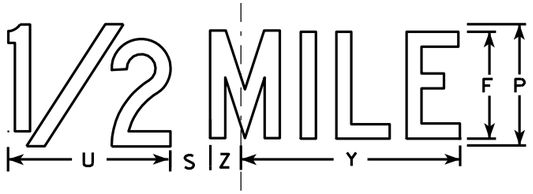
W20-3D



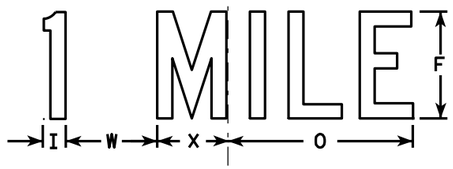
W20-3C



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: 412 | E

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

7

7

Stage	From/To Station	Location	***Common Excavation (1) (item #205.0100)		Salvaged/ Unusable Pavement Material (4)	Available Material (5)	Marsh Excavation (6)	Rock Excavation (7)	Reduced Marsh in Fill (8)	Reduced EBS in Fill (9)	Expanded Marsh Backfill (10)	Expanded EBS Backfill (11)	Expanded Rock (12)	Unexpanded Fill	Expanded Fill (13)	Mass Ordinate +/- (14)	Waste	Borrow	Comment:
Stage 1			Cut (2)	EBS Excavation (3)			(item #205.0500)	(item #205.0200)	Factor 0.60	Factor 0.80	Factor 1.50	Factor 1.30	Factor 1.10		Factor 1.30			(item #208.0100)	
STH 35	STA 67+50 - 83+00	STH 35	5,811	0	2,222	3,588	0	0	0	0	0	0	0	8	10	3,579	3,579	0	
Wells St	STA 10+61WE - 11+31WE	Wells St	249	0	21	229	0	0	0	0	0	0	0	0	0	229	229	0	
Crawford St	STA 10+58CR - 10+69CR	Crawford St	157	0	5	152	0	0	0	0	0	0	0	1	1	151	151	0	
Mooney St	STA 0+00 - 0+67 (SW Curb)	Mooney St	240	0	0	240	0	0	0	0	0	0	0	1	1	238	238	0	
Stage 1 Subtotal			6,457	0	2,248	4,209	0	0	0	0	0	0	0	9	12	4,197	4,197	0	
Stage 2																			
STH 35	STA 45+00 - 67+50	STH 35	7,305	0	3,360	3,945	0	0	0	0	0	0	0	412	536	3,409	3,409	0	
Campion Blvd	STA 10+62CA - 10+73CA	Campion Blvd	290	0	21	269	0	0	0	0	0	0	0	0	0	269	269	0	
Bank Driveway	STA 10+00BD - 10+69BD	Bank Driveway	108	0	0	108	0	0	0	0	0	0	0	0	0	108	108	0	
Parrish St - West	STA 9+40PA - 11+19PA	Parrish St - West	326	0	101	226	0	0	0	0	0	0	0	120	156	70	70	0	
Parrish St - East	STA 13+39PA - 13+58PA	Parrish St - East	195	0	10	185	0	0	0	0	0	0	0	1	2	183	183	0	
Fowler St	STA 10+57FW - 10+91FW	Fowler St	152	0	16	135	0	0	0	0	0	0	0	0	0	135	135	0	
Brunson St	STA 10+57BR - 11+08BR	Brunson St	214	0	23	191	0	0	0	0	0	0	0	0	0	191	191	0	
Broadway St	STA 10+62BW - 10+82BW	Broadway St	157	0	10	148	0	0	0	0	0	0	0	0	0	148	148	0	
Stage 2 Subtotal			8,748	0	3,540	5,207	0	0	0	0	0	0	0	534	694	4,513	4,513	0	
Stage 3																			
STH 35	STA 17+68 - 45+00	STH 35	9,908	0	4,740	5,169	0	0	0	0	0	0	0	66	86	5,083	5,083	0	
La Pointe St	STA 10+80LP - 11+32LP	La Pointe St	234	0	0	234	0	0	0	0	0	0	0	1	1	233	233	0	
15th St	STA 10+70FI -10+77FI	15th St	224	0	27	197	0	0	0	0	0	0	0	0	0	197	197	0	
Prairie St	STA 10+58PR - 11+50PR	Prairie St	393	0	64	329	0	0	0	0	0	0	0	3	3	325	325	0	
Motel Driveway	STA 10+20MD - 11+10MD	Motel Driveway	111	0	0	111	0	0	0	0	0	0	0	0	0	111	111	0	
Lockwood St	STA 10+00LW - 11+92LW	Lockwood St	363	0	91	272	0	0	0	0	0	0	0	1	1	272	272	0	
11th St Cul de Sac	STA 10+00EC - 11+13EC	11th St Cul de Sac	207	0	61	146	0	0	0	0	0	0	0	2	3	143	143	0	
10th St	STA 10+00TE - 11+34TE	10th St	383	0	60	323	0	0	0	0	0	0	0	6	7	315	315	0	
Stage 3 Subtotal			11,824	0	5,043	6,780	0	0	0	0	0	0	0	78	101	6,679	6,679	0	
Undistributed			500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grand Total			27,528.08	0.00	10,831.63	16,196.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	621.51	807.96	15,388.49	15,388.49	0.00	
		Total Common Exc	27,529.00																

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unusable 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 -Side road quantities are include in mainline quantities
5) Available Material = Cut - Salvaged/Unusable 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 usable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.6
9) Reduced EBS in Fill - Excavated EBS material is usable 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 208.1100
11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100
12) Expanded Rock - Factor = 1.1
13) Expanded Fill. Factor = 1.30

Depending on selections:

Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor

Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor

Or 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.
15) Side roads include quantities along the centerline of the roadway alignment as well as in curb return areas
*** Item shown elsewhere on plan

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Marsh Backfill	Expanded Rock	Expanded EBS Backfill	Reduced Marsh in Fill	Reduced EBS In Fill	Mass Ordinate
									Note 1	Note 2	Note 3				1.00 Note 1	1.30	1.50 Note 4	1.10	1.30 Note 5	0.60 Note 6	0.80 Note 7	Note 8
17+68.86	1768.86	0.00	99.40	47.44	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18+00	1800.00	31.14	106.46	47.44	1.49	0.00	0.00	0.00	119	55	1	0	0	0	119	1	0	0	0	0	0	63
18+50	1850.00	50.00	109.92	47.44	0.51	0.00	0.00	0.00	200	88	2	0	0	0	319	4	0	0	0	0	0	173
19+00	1900.00	50.00	114.58	47.44	0.02	0.00	0.00	0.00	208	88	0	0	0	0	527	4	0	0	0	0	0	292
19+50	1950.00	50.00	122.23	47.44	0.00	0.00	0.00	0.00	219	88	0	0	0	0	746	4	0	0	0	0	0	424
20+00	2000.00	50.00	124.20	47.44	0.00	0.00	0.00	0.00	228	88	0	0	0	0	974	4	0	0	0	0	0	564
20+50	2050.00	50.00	105.62	47.44	0.37	0.00	0.00	0.00	213	88	0	0	0	0	1,187	5	0	0	0	0	0	689
21+00	2100.00	50.00	100.05	47.44	0.22	0.00	0.00	0.00	190	88	1	0	0	0	1,378	5	0	0	0	0	0	790
21+50	2150.00	50.00	90.17	47.44	0.13	0.00	0.00	0.00	176	88	0	0	0	0	1,554	6	0	0	0	0	0	878
22+00	2200.00	50.00	104.68	47.44	0.00	0.00	0.00	0.00	180	88	0	0	0	0	1,734	6	0	0	0	0	0	971
22+50	2250.00	50.00	82.73	47.44	0.00	0.00	0.00	0.00	174	88	0	0	0	0	1,908	6	0	0	0	0	0	1,056
23+00	2300.00	50.00	81.34	47.44	0.40	0.00	0.00	0.00	152	88	0	0	0	0	2,060	6	0	0	0	0	0	1,120
23+35.45	2335.45	35.45	76.60	47.44	0.65	0.00	0.00	0.00	104	62	1	0	0	0	2,163	7	0	0	0	0	0	1,160
23+50	2350.00	14.55	66.36	47.44	0.00	0.00	0.00	0.00	39	26	0	0	0	0	2,202	8	0	0	0	0	0	1,173
24+00	2400.00	50.00	72.62	47.44	0.00	0.00	0.00	0.00	129	88	0	0	0	0	2,330	8	0	0	0	0	0	1,214
24+50	2450.00	50.00	84.72	47.44	0.00	0.00	0.00	0.00	146	88	0	0	0	0	2,476	8	0	0	0	0	0	1,272
24+58.55	2458.55	8.55	104.67	47.44	0.01	0.00	0.00	0.00	30	15	0	0	0	0	2,506	8	0	0	0	0	0	1,287
25+00	2500.00	41.45	113.77	47.44	0.00	0.00	0.00	0.00	168	73	0	0	0	0	2,674	8	0	0	0	0	0	1,382
25+50	2550.00	50.00	123.93	47.44	0.00	0.00	0.00	0.00	220	88	0	0	0	0	2,894	8	0	0	0	0	0	1,514
26+00	2600.00	50.00	126.30	47.44	0.00	0.00	0.00	0.00	232	88	0	0	0	0	3,126	8	0	0	0	0	0	1,658
26+50	2650.00	50.00	116.56	47.44	0.00	0.00	0.00	0.00	225	88	0	0	0	0	3,350	8	0	0	0	0	0	1,795
27+00	2700.00	50.00	111.92	47.44	0.00	0.00	0.00	0.00	212	88	0	0	0	0	3,562	8	0	0	0	0	0	1,918
27+50	2750.00	50.00	127.97	47.44	0.00	0.00	0.00	0.00	222	88	0	0	0	0	3,784	8	0	0	0	0	0	2,053
28+00	2800.00	50.00	111.34	47.44	0.00	0.00	0.00	0.00	222	88	0	0	0	0	4,006	8	0	0	0	0	0	2,186
28+50	2850.00	50.00	118.68	47.44	0.00	0.00	0.00	0.00	213	88	0	0	0	0	4,219	8	0	0	0	0	0	2,312
29+00	2900.00	50.00	125.15	47.44	0.05	0.00	0.00	0.00	226	88	0	0	0	0	4,444	8	0	0	0	0	0	2,449
29+50	2950.00	50.00	142.90	47.44	0.00	0.00	0.00	0.00	248	88	0	0	0	0	4,693	8	0	0	0	0	0	2,610
30+00	3000.00	50.00	136.71	47.44	0.00	0.00	0.00	0.00	259	88	0	0	0	0	4,952	8	0	0	0	0	0	2,781
30+50	3050.00	50.00	147.75	47.44	0.00	0.00	0.00	0.00	263	88	0	0	0	0	5,215	8	0	0	0	0	0	2,956
31+00	3100.00	50.00	161.02	47.44	0.00	0.00	0.00	0.00	286	88	0	0	0	0	5,501	8	0	0	0	0	0	3,154
31+50	3150.00	50.00	140.88	47.44	0.00	0.00	0.00	0.00	280	88	0	0	0	0	5,780	8	0	0	0	0	0	3,346
32+00	3200.00	50.00	131.26	47.44	0.00	0.00	0.00	0.00	252	88	0	0	0	0	6,032	8	0	0	0	0	0	3,510
32+20.78	3220.78	20.78	125.22	47.44	0.00	0.00	0.00	0.00	99	37	0	0	0	0	6,131	8	0	0	0	0	0	3,572
32+50	3250.00	29.22	95.79	47.44	0.00	0.00	0.00	0.00	120	51	0	0	0	0	6,251	8	0	0	0	0	0	3,641
33+00	3300.00	50.00	87.85	47.44	0.00	0.00	0.00	0.00	170	88	0	0	0	0	6,421	8	0	0	0	0	0	3,723
33+13.28	3313.28	13.28	108.36	47.44	0.44	0.00	0.00	0.00	48	23	0	0	0	0	6,469	8	0	0	0	0	0	3,748
33+50	3350.00	36.72	100.14	47.44	0.72	0.00	0.00	0.00	142	65	1	0	0	0	6,611	9	0	0	0	0	0	3,824
34+00	3400.00	50.00	127.23	47.44	0.02	0.00	0.00	0.00	211	88	1	0	0	0	6,821	10	0	0	0	0	0	3,946
34+50	3450.00	50.00	95.34	47.44	0.00	0.00	0.00	0.00	206	88	0	0	0	0	7,027	10	0	0	0	0	0	4,064
35+00	3500.00	50.00	92.97	47.44	0.00	0.00	0.00	0.00	174	88	0	0	0	0	7,202	10	0	0	0	0	0	4,150
35+50	3550.00	50.00	92.49	47.44	0.00	0.00	0.00	0.00	172	88	0	0	0	0	7,373	10	0	0	0	0	0	4,234
36+00	3600.00	50.00	91.91	47.44	0.01	0.00	0.00	0.00	171	88	0	0	0	0	7,544	10	0	0	0	0	0	4,317
36+50	3650.00	50.00	91.75	47.44	0.09	0.00	0.00	0.00	170	88	0	0	0	0	7,714	10	0	0	0	0	0	4,399
37+00	3700.00	50.00	93.50	47.44	0.00	0.00	0.00	0.00	172	88	0	0	0	0	7,886	10	0	0	0	0	0	4,483
37+50	3750.00	50.00	102.60	47.44	0.00	0.00	0.00	0.00	182	88	0	0	0	0	8,067	10	0	0	0	0	0	4,576
38+00	3800.00	50.00	93.04	47.44	0.00	0.00	0.00	0.00	181	88	0	0	0	0	8,248	10	0	0	0	0	0	4,670
38+50	3850.00	50.00	88.98	47.44	0.11	0.00	0.00	0.00	169	88	0	0	0	0	8,417	10	0	0	0	0	0	4,750
39+00	3900.00	50.00	81.44	47.44	0.54	0.00	0.00	0.00	158	88	1	0	0	0	8,575	11	0	0	0	0	0	4,819
39+24.58	3924.58	24.58	79.34	47.44	0.47	0.00	0.00	0.00	73	43	0	0	0	0	8,648	12	0	0	0	0	0	4,849
39+50	3950.00	25.42	55.27	47.44	0.41	0.00	0.00	0.00	63	45	0	0	0	0	8,711	12	0	0	0	0	0	4,867
40+00	4000.00	50.00	53.45	47.44	0.38	0.00	0.00	0.00	101	88	1	0	0	0	8,812	13	0	0	0	0	0	4,879
40+25.46	4025.46	25.46	72.05	47.44	0.51	0.00	0.00	0.00	59	45	0	0	0	0	8,871	14	0	0	0	0	0	4,893
40+50	4050.00	24.54	73.68	47.44	0.41	0.00	0.00	0.00	66	43	0	0	0	0	8,937	14	0	0	0	0	0	4,915
41+00	4100.00	50.00	69.39	47.44	0.53	0.00	0.00	0.00	132	88	1	0	0	0	9,070	15	0	0	0	0	0	4,959
41+50	4150.00	50.00	64.74	47.44	2.75	0.00	0.00	0.00	124	88	3	0	0	0	9,194	19	0	0	0	0	0	4,991
42+00	4200.00	50.00	52.19	47.44	5.72	0.00	0.00	0.00	108	88	8	0	0	0	9,302	29	0	0	0	0	0	5,001
42+50	4250.00	50.00	52.67	47.44	3.92	0.00	0.00	0.00	97	88	9	0	0	0	9,399	41	0	0	0	0	0	4,999
43+00	4300.00	50.00	55.25	47.44	6.38	0.00	0.00	0.00	100	88	10	0	0	0	9,499	53	0	0	0	0	0	4,999
43+50	4350.00	50.00	59.34	47.44	6.20	0.00	0.00	0.00	106	88	12	0	0	0	9,605	69	0	0	0	0	0	5,002
43+92.38	4392.38	42.38	74.35	47.44	6.02	0.00	0.00	0.00	105	74	10	0	0	0	9,710	81	0	0	0	0	0	5,020
44+00	4400.00	7.62	57.78	47.44	2.44	0.00	0.00	0.00	19	13	1	0	0	0	9,729	83	0	0	0	0	0	5,024
44+50	4450.00	50.00	75.10	47.44	0.00	0.00	0.00	0.00	123	88	2	0	0	0	9,852	85	0	0	0	0	0	5,056
44+66.38	4466.38	16.38	110.05	47.44	1.46	0.00	0.00	0.00	56	29	0	0	0	0	9,908	86	0	0	0	0	0	5,083
45+00	4500.00	33.62	126.03	40.31	0.00	0.00	0.00	0.00	147	55	1	0	0	0	10,055	87	0	0	0	0	0	5,174
45+50	4550.00	50.00	142.42	40.31	0.00	0.00	0.00	0.00	249	75	0	0	0	0	10,304	87	0	0	0	0	0	5,348
46+00	4600.00	50.00	156.79	40.31	0.00	0.00	0.00	0.00	277	75	0	0	0	0	10,581	87	0	0	0	0	0	5,550
46+25	4625.00	25.00	201.61	40.31	0.00	0.00	0.00	0.00	166	37	0	0	0	0	10,747	87	0	0	0	0	0	5,679
46+39.23	4639.23	14.23	186.93	40.31	0.00	0.00	0.00	0.00	102	21	0	0	0	0	10,849	87	0	0	0	0	0	5,760
46+50	4650.00	10.77	127.92	40.31	0.00	0.00	0.00	0.00	63	16	0	0	0	0	10,912	87	0	0	0	0	0	5,807
47+00	4700.00	50.00	135.26	40.31	0.00	0.00	0.00	0.00	244	75	0	0	0	0	11,156	87	0	0	0	0	0	5,976
47+23.47	4723.47	23.47	183.92	40.31	0.00	0.00	0.00	0.00	139	35	0	0	0	0	11,294	87	0	0	0	0	0	6,079
47+50	4750.00	26.53	173.59	40.31	0.51	0.00	0.00	0.00	176	40	0	0	0	0	11,470	88	0	0	0	0	0	6,215
48+00	4800.00	50.00	177.09	40.31	0.18	0.00	0.00	0.00	325	75	1	0	0	0	11,795	88	0	0	0	0	0	6,464
48+50	4850.00	50.00	163.39	40.31	0.72	0.00	0.00	0.00	315	75	1	0	0	0	12,110	89	0	0	0	0	0	6,704
49+00	4900.00	50.00	142.59	40.31	0.11	0.00	0.00	0.00	283	75	1	0	0	0	12,393	90	0	0	0	0	0	6,911
49+50	4950.00	50.00	129.94	40.31	0.00	0.00	0.00	0.00	252	75	0	0	0	0	12,646	91	0	0	0	0	0	7,089

(CONTINUED ON NEXT PAGE)

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
50+00	5000.00	50.00	112.70	40.31	0.00	0.00	0.00	0.00	225	75	0	0	0	0	12,870	91	0	0	0	0	0	7,239
50+50	5050.00	50.00	109.47	40.31	0.00	0.00	0.00	0.00	206	75	0	0	0	0	13,076	91	0	0	0	0	0	7,370
51+00	5100.00	50.00	95.91	40.31	0.82	0.00	0.00	0.00	190	75	1	0	0	0	13,266	92	0	0	0	0	0	7,485
51+50	5150.00	50.00	74.92	40.31	4.38	0.00	0.00	0.00	158	75	5	0	0	0	13,424	98	0	0	0	0	0	7,562
52+00	5200.00	50.00	59.19	40.31	14.27	0.00	0.00	0.00	124	75	17	0	0	0	13,549	120	0	0	0	0	0	7,589
52+30.44	5230.44	30.44	59.97	40.31	39.23	0.00	0.00	0.00	67	45	30	0	0	0	13,616	160	0	0	0	0	0	7,571
52+50	5250.00	19.56	28.12	40.31	2.83	0.00	0.00	0.00	32	29	15	0	0	0	13,648	179	0	0	0	0	0	7,554
53+00	5300.00	50.00	29.99	40.31	0.00	0.00	0.00	0.00	54	75	3	0	0	0	13,701	183	0	0	0	0	0	7,530
53+24.57	5324.57	24.57	44.35	40.31	0.94	0.00	0.00	0.00	34	37	0	0	0	0	13,735	183	0	0	0	0	0	7,527
53+50	5350.00	25.43	37.37	40.31	4.26	0.00	0.00	0.00	38	38	2	0	0	0	13,774	186	0	0	0	0	0	7,524
53+76.34	5376.34	26.34	38.23	40.31	20.83	0.00	0.00	0.00	37	39	12	0	0	0	13,811	202	0	0	0	0	0	7,506
54+00	5400.00	23.66	30.38	40.31	22.55	0.00	0.00	0.00	30	35	19	0	0	0	13,841	227	0	0	0	0	0	7,476
54+50	5450.00	50.00	23.06	40.31	23.87	0.00	0.00	0.00	49	75	43	0	0	0	13,890	283	0	0	0	0	0	7,395
55+00	5500.00	50.00	36.79	40.31	19.21	0.00	0.00	0.00	55	75	40	0	0	0	13,946	335	0	0	0	0	0	7,324
55+50	5550.00	50.00	57.94	40.31	9.17	0.00	0.00	0.00	88	75	26	0	0	0	14,033	369	0	0	0	0	0	7,302
55+62.43	5562.43	12.43	58.15	40.31	6.13	0.00	0.00	0.00	27	19	4	0	0	0	14,060	374	0	0	0	0	0	7,306
56+00	5600.00	37.57	46.19	40.31	2.35	0.00	0.00	0.00	73	56	6	0	0	0	14,133	381	0	0	0	0	0	7,315
56+41.37	5641.37	41.37	90.65	40.31	0.69	0.00	0.00	0.00	105	62	2	0	0	0	14,237	384	0	0	0	0	0	7,355
56+50	5650.00	8.63	89.37	40.31	0.77	0.00	0.00	0.00	29	13	0	0	0	0	14,266	385	0	0	0	0	0	7,371
57+00	5700.00	50.00	99.28	40.31	0.71	0.00	0.00	0.00	175	75	1	0	0	0	14,441	386	0	0	0	0	0	7,469
57+50	5750.00	50.00	98.14	40.31	0.67	0.00	0.00	0.00	183	75	1	0	0	0	14,624	388	0	0	0	0	0	7,575
58+00	5800.00	50.00	98.74	40.31	0.84	0.00	0.00	0.00	182	75	1	0	0	0	14,806	390	0	0	0	0	0	7,681
58+50	5850.00	50.00	106.18	40.31	0.91	0.00	0.00	0.00	190	75	2	0	0	0	14,996	392	0	0	0	0	0	7,794
59+00	5900.00	50.00	82.95	40.31	2.35	0.00	0.00	0.00	175	75	3	0	0	0	15,171	396	0	0	0	0	0	7,891
59+28.4	5928.40	28.40	80.60	40.31	1.31	0.00	0.00	0.00	86	42	2	0	0	0	15,257	398	0	0	0	0	0	7,932
59+50	5950.00	21.60	55.43	40.31	0.99	0.00	0.00	0.00	54	32	1	0	0	0	15,311	400	0	0	0	0	0	7,953
60+00	6000.00	50.00	52.99	40.31	0.44	0.00	0.00	0.00	100	75	1	0	0	0	15,412	401	0	0	0	0	0	7,977
60+09.15	6009.15	9.15	68.86	40.31	0.40	0.00	0.00	0.00	21	14	0	0	0	0	15,432	401	0	0	0	0	0	7,984
60+50	6050.00	40.85	47.97	40.31	16.88	0.00	0.00	0.00	88	61	13	0	0	0	15,521	418	0	0	0	0	0	7,994
61+00	6100.00	50.00	45.01	40.31	19.27	0.00	0.00	0.00	86	75	33	0	0	0	15,607	462	0	0	0	0	0	7,962
61+50	6150.00	50.00	56.87	40.31	12.85	0.00	0.00	0.00	94	75	30	0	0	0	15,701	501	0	0	0	0	0	7,943
62+00	6200.00	50.00	50.81	40.31	13.58	0.00	0.00	0.00	100	75	24	0	0	0	15,801	532	0	0	0	0	0	7,936
62+50	6250.00	50.00	61.95	40.31	11.82	0.00	0.00	0.00	104	75	24	0	0	0	15,905	563	0	0	0	0	0	7,935
63+00	6300.00	50.00	56.69	40.31	9.13	0.00	0.00	0.00	110	75	19	0	0	0	16,015	588	0	0	0	0	0	7,945
63+50	6350.00	50.00	63.02	40.31	1.46	0.00	0.00	0.00	111	75	10	0	0	0	16,126	601	0	0	0	0	0	7,969
64+00	6400.00	50.00	61.67	40.31	0.01	0.00	0.00	0.00	115	75	1	0	0	0	16,241	603	0	0	0	0	0	8,008
64+28.47	6428.47	28.47	69.21	40.31	0.96	0.00	0.00	0.00	69	42	1	0	0	0	16,310	603	0	0	0	0	0	8,034
64+50	6450.00	21.53	67.29	40.31	3.50	0.00	0.00	0.00	54	32	2	0	0	0	16,365	606	0	0	0	0	0	8,054
65+00	6500.00	50.00	72.87	40.31	3.37	0.00	0.00	0.00	130	75	6	0	0	0	16,495	614	0	0	0	0	0	8,100
65+50	6550.00	50.00	84.30	40.31	0.97	0.00	0.00	0.00	146	75	4	0	0	0	16,640	619	0	0	0	0	0	8,166
66+00	6600.00	50.00	94.23	40.31	0.23	0.00	0.00	0.00	165	75	1	0	0	0	16,805	621	0	0	0	0	0	8,255
66+50	6650.00	50.00	90.19	40.31	0.48	0.00	0.00	0.00	171	75	1	0	0	0	16,976	621	0	0	0	0	0	8,351
67+00	6700.00	50.00	107.36	40.31	0.08	0.00	0.00	0.00	183	75	1	0	0	0	17,159	622	0	0	0	0	0	8,458
67+13.8	6713.80	13.80	104.91	40.31	0.07	0.00	0.00	0.00	54	21	0	0	0	0	17,213	622	0	0	0	0	0	8,492
67+50	6750.00	36.20	85.82	37.82	0.00	0.00	0.00	0.00	128	52	0	0	0	0	17,341	622	0	0	0	0	0	8,567
68+00	6800.00	50.00	117.55	37.82	0.05	0.00	0.00	0.00	188	70	0	0	0	0	17,529	622	0	0	0	0	0	8,685
68+50	6850.00	50.00	111.44	37.82	0.00	0.00	0.00	0.00	212	70	0	0	0	0	17,742	622	0	0	0	0	0	8,827
69+00	6900.00	50.00	113.81	37.82	0.00	0.00	0.00	0.00	209	70	0	0	0	0	17,950	622	0	0	0	0	0	8,966
69+50	6950.00	50.00	109.06	37.82	0.00	0.00	0.00	0.00	206	70	0	0	0	0	18,156	622	0	0	0	0	0	9,102
70+00	7000.00	50.00	107.85	37.82	0.00	0.00	0.00	0.00	201	70	0	0	0	0	18,357	622	0	0	0	0	0	9,233
70+50	7050.00	50.00	116.73	37.82	0.00	0.00	0.00	0.00	208	70	0	0	0	0	18,565	622	0	0	0	0	0	9,371
71+00	7100.00	50.00	106.50	37.82	0.03	0.00	0.00	0.00	207	70	0	0	0	0	18,772	622	0	0	0	0	0	9,507
71+50	7150.00	50.00	111.06	37.82	0.00	0.00	0.00	0.00	201	70	0	0	0	0	18,973	622	0	0	0	0	0	9,639
72+00	7200.00	50.00	127.09	37.82	0.00	0.00	0.00	0.00	221	70	0	0	0	0	19,194	622	0	0	0	0	0	9,789
72+50	7250.00	50.00	117.20	37.82	0.00	0.00	0.00	0.00	226	70	0	0	0	0	19,420	622	0	0	0	0	0	9,945
73+00	7300.00	50.00	117.68	37.82	0.00	0.00	0.00	0.00	217	70	0	0	0	0	19,638	622	0	0	0	0	0	10,093
73+50	7350.00	50.00	117.52	37.82	0.00	0.00	0.00	0.00	218	70	0	0	0	0	19,855	622	0	0	0	0	0	10,241
74+00	7400.00	50.00	112.45	37.82	0.29	0.00	0.00	0.00	213	70	0	0	0	0	20,068	623	0	0	0	0	0	10,383
74+50	7450.00	50.00	112.14	37.82	0.01	0.00	0.00	0.00	208	70	0	0	0	0	20,276	623	0	0	0	0	0	10,521
75+00	7500.00	50.00	106.00	37.82	0.80	0.00	0.00	0.00	202	70	1	0	0	0	20,478	624	0	0	0	0	0	10,652
75+50	7550.00	50.00	125.37	37.82	0.11	0.00	0.00	0.00	214	70	1	0	0	0	20,692	625	0	0	0	0	0	10,795
76+00	7600.00	50.00	119.73	37.82	0.03	0.00	0.00	0.00	227	70	0	0	0	0	20,919	625	0	0	0	0	0	10,952
76+50	7650.00	50.00	107.34	37.82	0.76	0.00	0.00	0.00	210	70	1	0	0	0	21,130	626	0	0	0	0	0	11,091
77+00	7700.00	50.00	110.47	37.82	0.23	0.00	0.00	0.00	202	70	1	0	0	0	21,331	628	0	0	0	0	0	11,221
77+50	7750.00	50.00	118.09	37.82	0.18	0.00	0.00	0.00	212	70	0	0	0	0	21,543	628	0	0	0	0	0	11,362
78+00	7800.00	50.00	118.03	37.82	0.00	0.00	0.00	0.00	219	70	0	0	0	0	21,762	628	0	0	0	0	0	11,511
78+50	7850.00	50.00	131.87	37.82	0.00	0.00	0.00	0.00	231	70	0	0	0	0	21,993	628	0	0	0	0	0	11,672
79+00	7900.00	50.00	107.35	37.82	0.00	0.00	0.00	0.00	222	70	0	0	0	0	22,214	628	0	0	0	0	0	11,824
79+50	7950.00	50.00	75.58	37.82	0.00	0.00	0.00	0.00	169	70	0	0	0	0	22,384	628	0	0	0	0	0	11,923
79+81.24	7981.24	31.24	65.12	37.82	0.00	0.00	0.00	0.00	81	44	0	0	0	0	22,465	628	0	0	0	0	0	11,961
80+00	8000.00	18.76	61.40	37.82	0.00	0.00	0.00	0.00	44	26	0	0	0	0	22,509	628	0	0	0	0	0	11,978
80+50	8050.00	50.00	57.55	37.82	0.00	0.00	0.00	0.00	110	70	0	0	0	0	22,619	628	0	0	0	0	0	12,018
81+00	8100.00	50.00	58.68	37.82	0.66	0.00	0.00	0.00	108	70	1	0	0	0	22,727	629	0	0	0	0	0	12,055
81+50	8150.00	50.00	53.49	37.82	0.67	0.00	0.00	0.00	104	70	1	0	0	0	22,831	631	0	0	0	0	0	12,087
82+00	8200.00	50.00	60.40	37.82	0.11	0.00	0.00	0.00	105	70	1	0	0	0	22,936	632	0	0	0	0	0	12,122
82+50	8250.00	50.00	7.78	37.82	0.00	0.00	0.00	0.00	63	70	0	0	0	0	22,999	632	0	0	0	0	0	12,115
82+99	8299.00	49.00	19.14	37.82	0.26	0.00	0.00	0.00	24	69	0	0	0	0	23,024	632	0	0	0	0	0	12,070
					STH 35 Total				23,024	10,322	486	0	0	0								

WELLS ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+61.7	1061.70	0.00	61.70	8.06	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10+91.94	1091.94	30.25	40.83	8.06	0.14	0.00	0.00	0.00	57	9	0	0	0	0	57	0	0	0	0	0	0	48
11+30.74	1130.74	38.80	16.57	8.06	0.00	0.00	0.00	0.00	41	12	0	0	0	0	99	0	0	0	0	0	0	78
								Wells St Alignment Subtotal	99	21	0	0	0	0								
								Wells SE Curb Return Subtotal	84	0	0	0	0	0								
								Wells NE Curb Return Subtotal	66	0	0	0	0	0								
								Wells St Total	**249**	**21**	**0**	**0**	**0**	**0**								

CRAWFORD ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+58.39	1058.39	0.00	54.90	13.77	0.93	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10+68.34	1068.34	9.94	39.32	13.77	1.81	0.00	0.00	0.00	17	5	1	0	0	0	17	1	0	0	0	0	0	12
								Crawford St Alignment Subtotal	17	5	1	0	0	0								
								Crawford SE Curb Return Subtotal	78	0	0	0	0	0								
								Crawford NE Curb Return Subtotal	62	0	0	0	0	0								
								Crawford St Total	**157**	**5**	**1**	**0**	**0**	**0**								

MOONEY ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
00+00	0.00	0.00	25.38	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00+25	25.00	25.00	57.51	0.00	0.00	0.00	0.00	0.00	38	0	0	0	0	0	38	0	0	0	0	0	0	38
00+35.06	35.06	10.06	103.24	0.00	0.00	0.00	0.00	0.00	30	0	0	0	0	0	68	0	0	0	0	0	0	68
00+60	60.00	24.94	62.81	0.00	0.02	0.00	0.00	0.00	77	0	0	0	0	0	145	0	0	0	0	0	0	145
00+66.48	66.48	6.48	41.62	0.00	0.00	0.00	0.00	0.00	13	0	0	0	0	0	158	0	0	0	0	0	0	158
								Mooney St SW Curb Return Subtotal	158	0	0	0	0	0								
								Mooney St NW Curb Return Subtotal	82	0	1	0	0	0								
								Mooney St Total	**240**	**0**	**1**	**0**	**0**	**0**								

CAMPION BLVD

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+62.37	1062.37	0.00	86.83	55.89	0.26	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+72.5	1072.50	10.13	79.85	55.89	0.00	0.00	0.00	0.00	31	21	0	0	0	0	31	0	0	0	0	0.00	0.00	10.24
									Campion Blvd Alignment Subtotal						31	21	0	0	0	0		
									Campion Blvd NE Curb Return Subtotal						146	0	0	0	0	0		
									Campion Blvd NW Curb Return Subtotal						113	0	0	0	0	0		
									Campion Blvd Total						**290**	**21**	**0**	**0**	**0**	**0**		

BANK DRIVEWAY

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+00	1000.00	0.00	13.54	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10+68.6	1068.60	68.60	71.74	0.00	0.00	0.00	0.00	0.00	108	0	0	0	0	0	108	0	0	0	0	0	0	108
									Bank Driveway Total						**108**	**0**	**0**	**0**	**0**	**0**		

PARRISH ST - WEST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
09+40	940.00	0.00	20.91	15.17	0.12	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10+00	1000.00	60.00	49.67	15.17	1.38	0.00	0.00	0.00	78	34	2	0	0	0	78	2	0	0	0	0	0	43
10+50	1050.00	50.00	20.02	15.17	5.87	0.00	0.00	0.00	65	28	7	0	0	0	143	11	0	0	0	0	0	70
11+00	1100.00	50.00	9.92	15.17	23.29	0.00	0.00	0.00	28	28	27	0	0	0	171	46	0	0	0	0	0	35
11+19	1119.00	19.00	54.65	15.17	6.82	0.00	0.00	0.00	23	11	11	0	0	0	193	60	0	0	0	0	0	33
									Parrish St - West Alignment Subtotal						193	101	46	0	0	0		
									Parrish St SW Curb Return Subtotal						79	0	34	0	0	0		
									Parrish St NW Curb Return Subtotal						53	0	39	0	0	0		
									Parrish St - West Total						**326**	**101**	**120**	**0**	**0**	**0**		

PARRISH ST - EAST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
13+39.71	1339.71	0.00	41.68	15.17	0.03	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
13+58	1358.00	18.29	56.91	15.17	0.00	0.00	0.00	0.00	33	10	0	0	0	0	33	0	0	0	0	0.00	0.00	23.11
									Parrish St - East Alignment Subtotal						33	10	0	0	0	0		
									Parrish St SE Curb Return Subtotal						94	0	0	0	0	0		
									Parrish St NE Curb Return Subtotal						68	0	1	0	0	0		
									Parrish St - East Total						**195**	**10**	**1**	**0**	**0**	**0**		

FOWLER ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+57.48	1057.48	0.00	21.99	13.28	0.02	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+91	1091.00	33.52	36.12	13.28	0.13	0.00	0.00	0.00	36	16	0	0	0	0	36	0	0	0	0	0.00	0.00	19.46
								Fowler St Alignment Subtotal	36	16	0	0	0	0								
								Fowler SE Curb Return Subtotal	61	0	0	0	0	0								
								Fowler NE Curb Return Subtotal	55	0	0	0	0	0								
								Fowler St Total	**152**	**16**	**0**	**0**	**0**	**0**								

BRUNSON ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+57.72	1057.72	0.00	62.18	12.40	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
11+07.47	1107.47	49.75	42.41	12.40	0.14	0.00	0.00	0.00	96	23	0	0	0	0	96	0	0	0	0	0.00	0.00	73.33
								Brunson St Alignment Subtotal	96	23	0	0	0	0								
								Brunson SE Curb Return Subtotal	66	0	0	0	0	0								
								Brunson NE Curb Return Subtotal	51	0	0	0	0	0								
								Brunson St Total	**214**	**23**	**0**	**0**	**0**	**0**								

BROADWAY ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+62.21	1062.21	0.00	54.47	13.51	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+81.31	1081.31	19.09	40.12	13.51	0.00	0.00	0.00	0.00	33	10	0	0	0	0	33	0	0	0	0	0.00	0.00	23.89
								Broadway St Alignment Subtotal	33	10	0	0	0	0								
								Broadway SE Curb Return Subtotal	59	0	0	0	0	0								
								Broadway NE Curb Return Subtotal	64	0	0	0	0	0								
								Broadway St Total	**157**	**10**	**0**	**0**	**0**	**0**								

LA POINTE ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+80.83	1080.83	0.00	15.12	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
11+00	1100.00	19.17	13.16	0.00	0.00	0.00	0.00	0.00	10	0	0	0	0	0	10	0	0	0	0	0.00	0.00	10.04
11+25	1125.00	25.00	12.92	0.00	0.00	0.00	0.00	0.00	12	0	0	0	0	0	22	0	0	0	0	0.00	0.00	22.11
11+31.91	1131.91	6.91	11.87	0.00	0.00	0.00	0.00	0.00	3	0	0	0	0	0	25	0	0	0	0	0.00	0.00	25.29
								La Pointe St Alignment Subtotal	25	0	0	0	0	0							
								La Pointe St NE Curb Return Subtotal	81	0	0	0	0	0							
								La Pointe St SE Curb Return Subtotal	127	0	1	0	0	0							
								La Pointe St Total	**234**	**0**	**1**	**0**	**0**	**0**							

15TH ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+70.57	1070.57	0.00	71.26	129.83	0.01	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+76.23	1076.23	5.66	81.35	129.83	0.00	0.00	0.00	0.00	16	27	0	0	0	0	16	0	0	0	0	0.00	0.00	-11.22
								15th St Alignment Subtotal	16	27	0	0	0	0							
								15th St NE Curb Return Subtotal	105	0	0	0	0	0							
								15th St NW Curb Return Subtotal	103	0	0	0	0	0							
								15th St Total	**224**	**27**	**0**	**0**	**0**	**0**							

PRAIRIE ST

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+58	1058.00	0.00	99.54	18.95	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+69.19	1069.19	11.19	72.06	18.95	0.00	0.00	0.00	0.00	36	8	0	0	0	0	36	0	0	0	0	0.00	0.00	27.70
11+00	1100.00	30.81	62.13	18.95	0.40	0.00	0.00	0.00	77	22	0	0	0	0	112	0	0	0	0	0.00	0.00	82.35
11+49.53	1149.53	49.53	40.16	18.95	1.98	0.00	0.00	0.00	94	35	2	0	0	0	206	3	0	0	0	0.00	0.00	138.57
								Prairie St Alignment Subtotal	206	64	2	0	0	0							
								Prairie St NE Curb Return Subtotal	94	0	0	0	0	0							
								Prairie St NW Curb Return Subtotal	94	0	0	0	0	0							
								Prairie St Total	**393**	**64**	**3**	**0**	**0**	**0**							

MOTEL DRIVEWAY

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+20.35	1020.35	0.00	50.88	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+50	1050.00	29.65	40.56	0.00	0.00	0.00	0.00	0.00	50	0	0	0	0	0	50	0	0	0	0	0.00	0.00	50.20
11+10	1110.00	60.00	14.33	0.00	0.28	0.00	0.00	0.00	61	0	0	0	0	0	111	0	0	0	0	0.00	0.00	110.79
								Motel Driveway Total	**111**	**0**	**0**	**0**	**0**	**0**							

LOCKWOOD ST

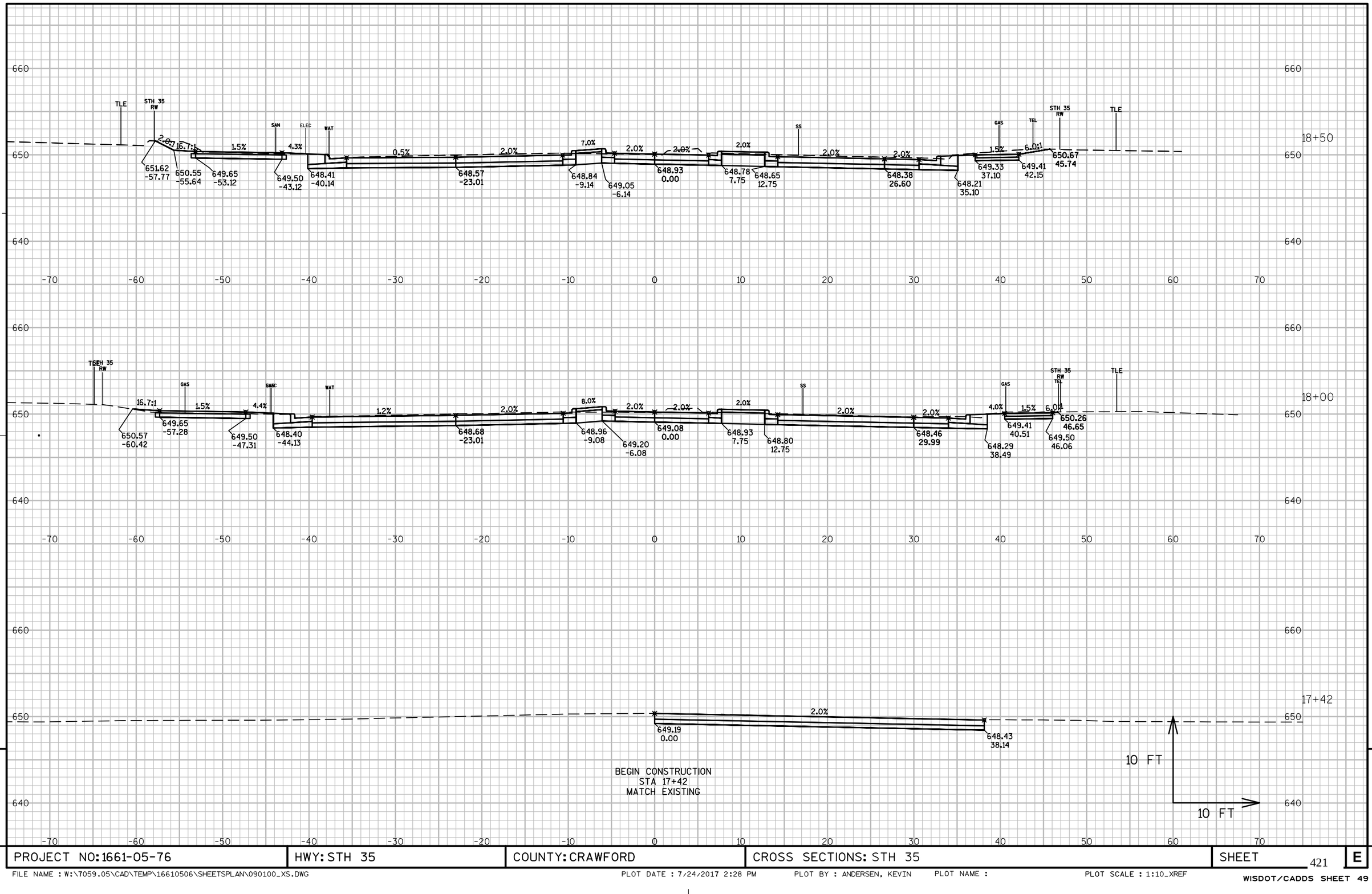
STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+00	1000.00	0.00	30.01	12.81	0.03	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+50	1050.00	50.00	11.27	12.81	0.00	0.00	0.00	0.00	38	24	0	0	0	0	38	0	0	0	0	0.00	0.00	14.46
11+00	1100.00	50.00	34.37	12.81	0.00	0.00	0.00	0.00	42	24	0	0	0	0	80	0	0	0	0	0.00	0.00	33.00
11+50	1150.00	50.00	29.13	12.81	0.00	0.00	0.00	0.00	59	24	0	0	0	0	139	0	0	0	0	0.00	0.00	68.08
11+91.76	1191.76	41.76	13.18	12.81	0.00	0.00	0.00	0.00	33	20	0	0	0	0	172	0	0	0	0	0.00	0.00	80.99
									Lockwood St Alignment Subtotal		172	91	0	0	0	0						
									Lockwood St/11th St SE Curb Return Subtotal		92	0	0	0	0	0						
									Lockwood St/11th St NW Curb Return Subtotal		100	0	0	0	0	0						
									Lockwood St Total		**363**	**91**	**1**	**0**	**0**	**0**						

11TH ST CUL DE SAC

STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+00	1000.00	0.00	97.52	14.59	0.04	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+25	1025.00	25.00	78.77	14.59	0.10	0.00	0.00	0.00	82	14	0	0	0	0	82	0	0	0	0	0.00	0.00	68.02
10+75	1075.00	50.00	31.92	14.59	1.16	0.00	0.00	0.00	102	27	1	0	0	0	184	2	0	0	0	0.00	0.00	141.99
11+13	1113.00	38.00	0.00	14.59	0.00	0.00	0.00	0.00	22	21	1	0	0	0	207	3	0	0	0	0.00	0.00	142.86
									11th St Cul de Sac Alignment Total		**207**	**61**	**2**	**0**	**0**	**0**						

10TH ST

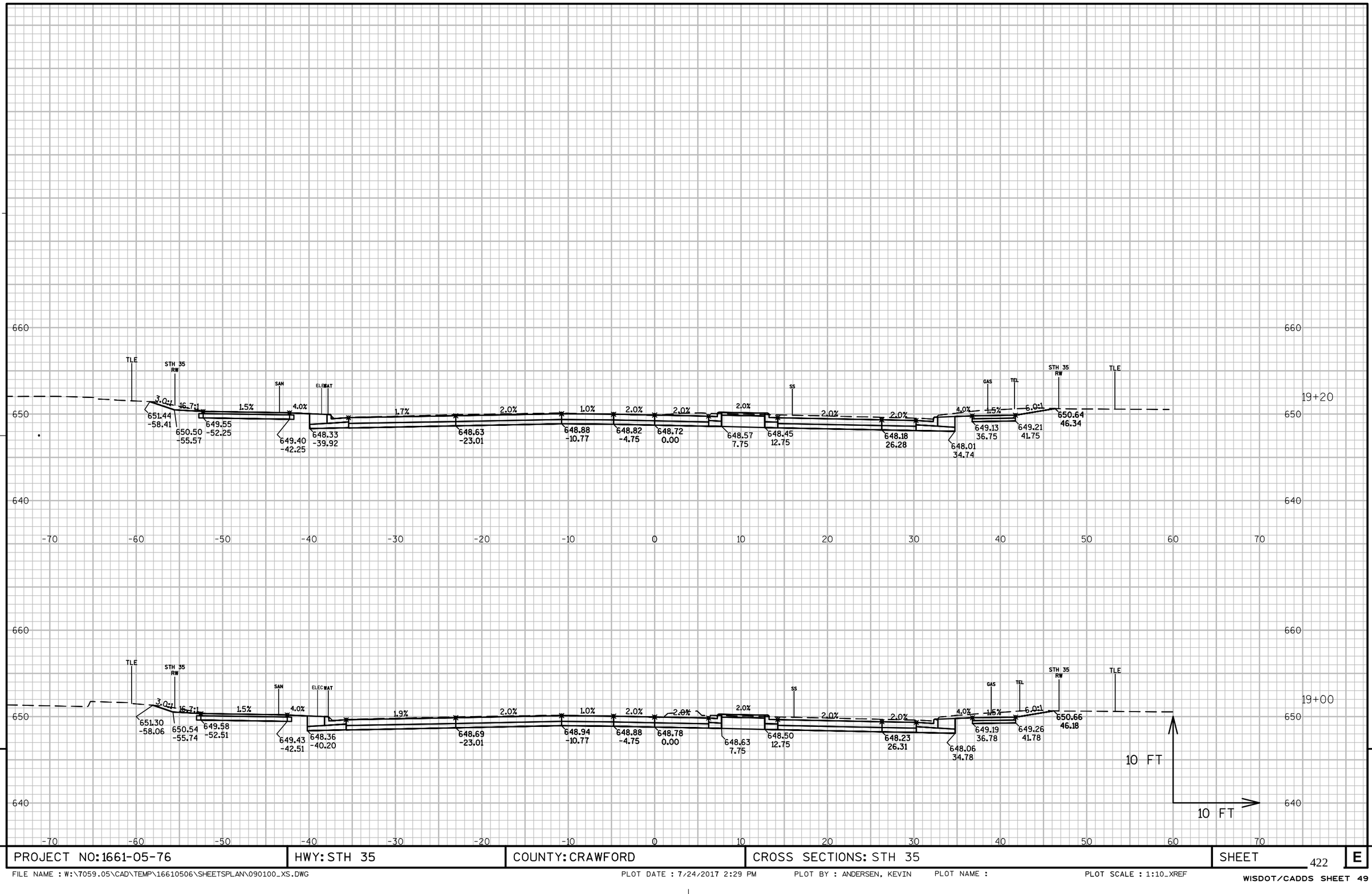
STATION	Real Station	Distance	AREA (SF) Cut	Salvaged/Unusable Pavement Material	Fill	Marsh Exc	Rock Exc	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Salvaged/Unusable Pavement Material Note 2	Fill Note 3	Marsh Exc	Rock Exc	EBS	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.30	Expanded Marsh Backfill 1.50 Note 4	Expanded Rock 1.10	Expanded EBS Backfill 1.30 Note 5	Reduced Marsh in Fill 0.60 Note 6	Reduced EBS In Fill 0.80 Note 7	Mass Ordinate Note 8
10+00	1000.00	0.00	25.71	12.19	0.04	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
10+50	1050.00	50.00	43.57	12.19	0.00	0.00	0.00	0.00	64	23	0	0	0	0	64	0	0	0	0	0.00	0.00	41.52
11+00	1100.00	50.00	90.15	12.19	0.00	0.00	0.00	0.00	124	23	0	0	0	0	188	0	0	0	0	0.00	0.00	142.77
11+33.37	1133.37	33.37	49.93	12.19	0.00	0.00	0.00	0.00	87	15	0	0	0	0	275	0	0	0	0	0.00	0.00	214.26
									10th St Alignment Subtotal		275	60	0	0	0	0						
									10th St SE Curb Return Subtotal		50	0	5	0	0	0						
									10th St SW Curb Return Subtotal		59	0	1	0	0	0						
									10th St Total		**383**	**60**	**6**	**0**	**0**	**0**						



9

9

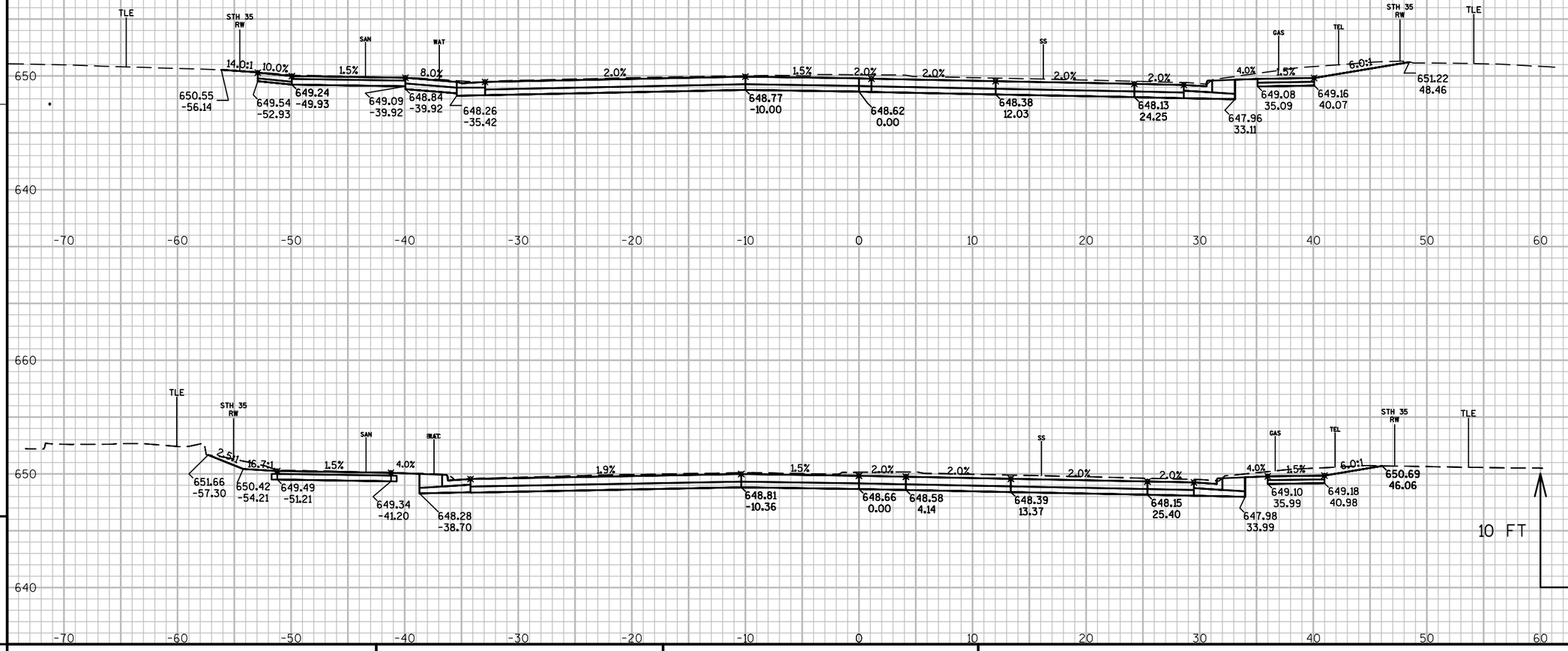
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 421	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 422	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:29 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

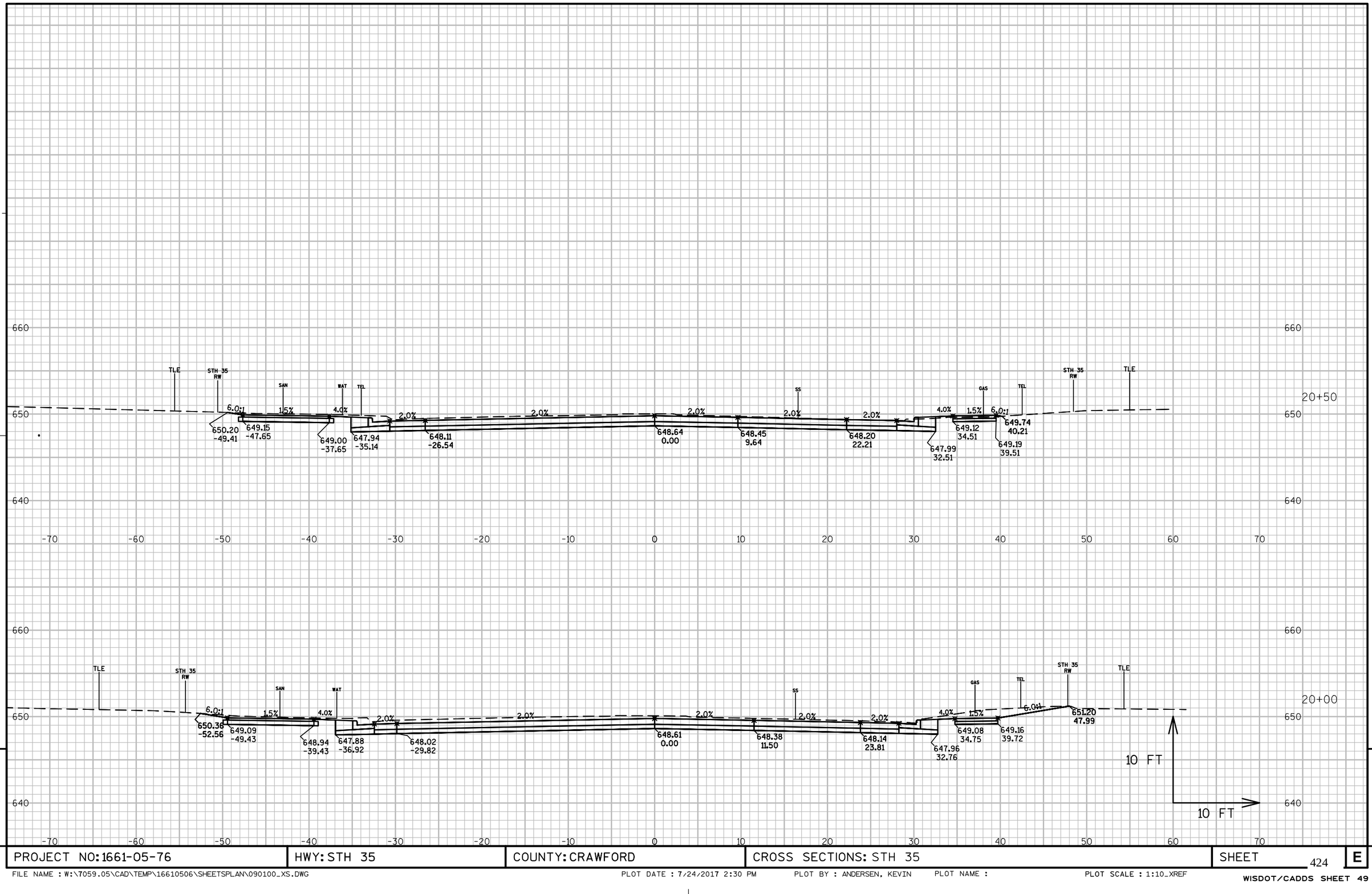
CONSTRUCT C.E. LT



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 423	E

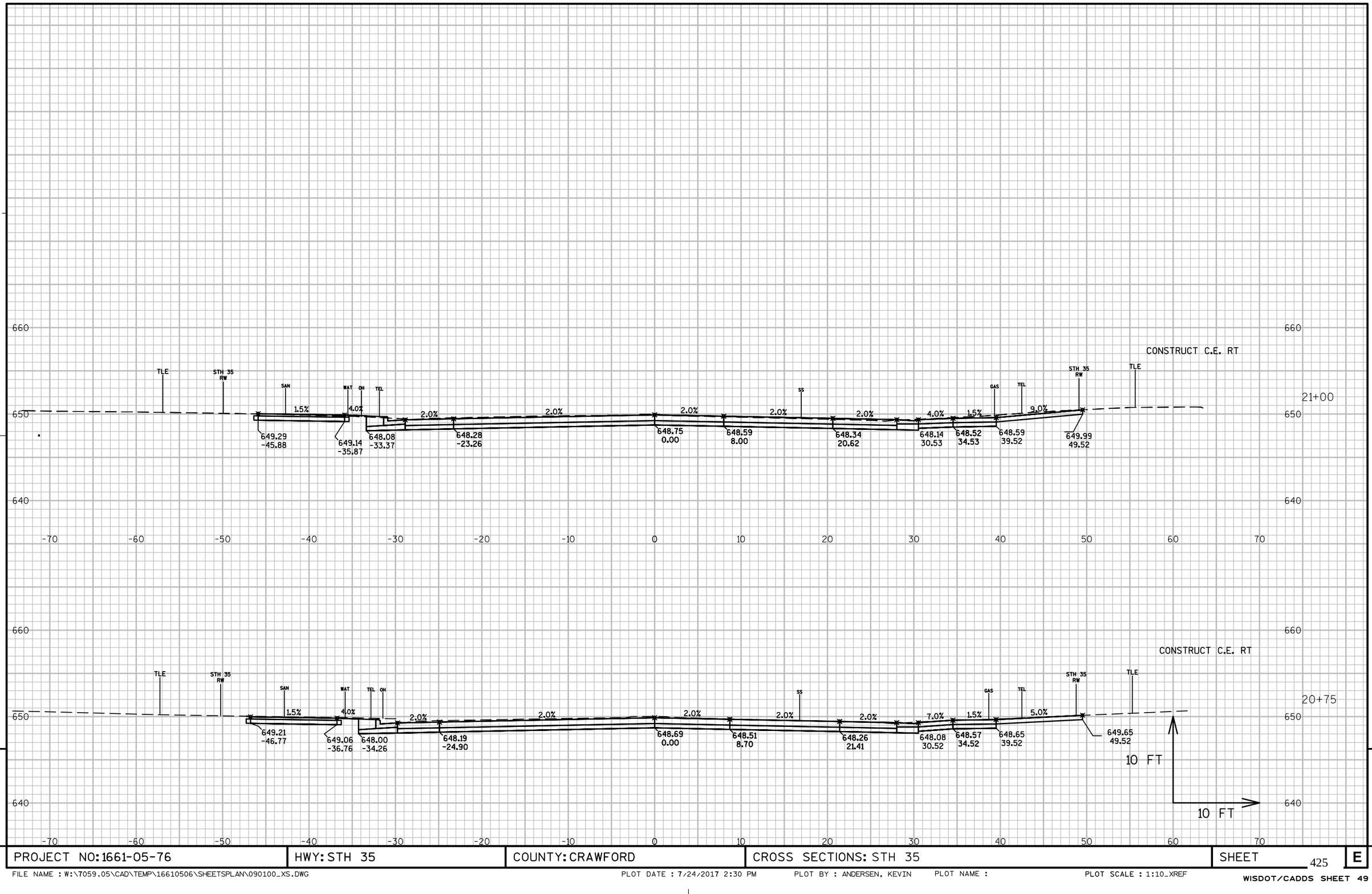
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:29 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 424	E

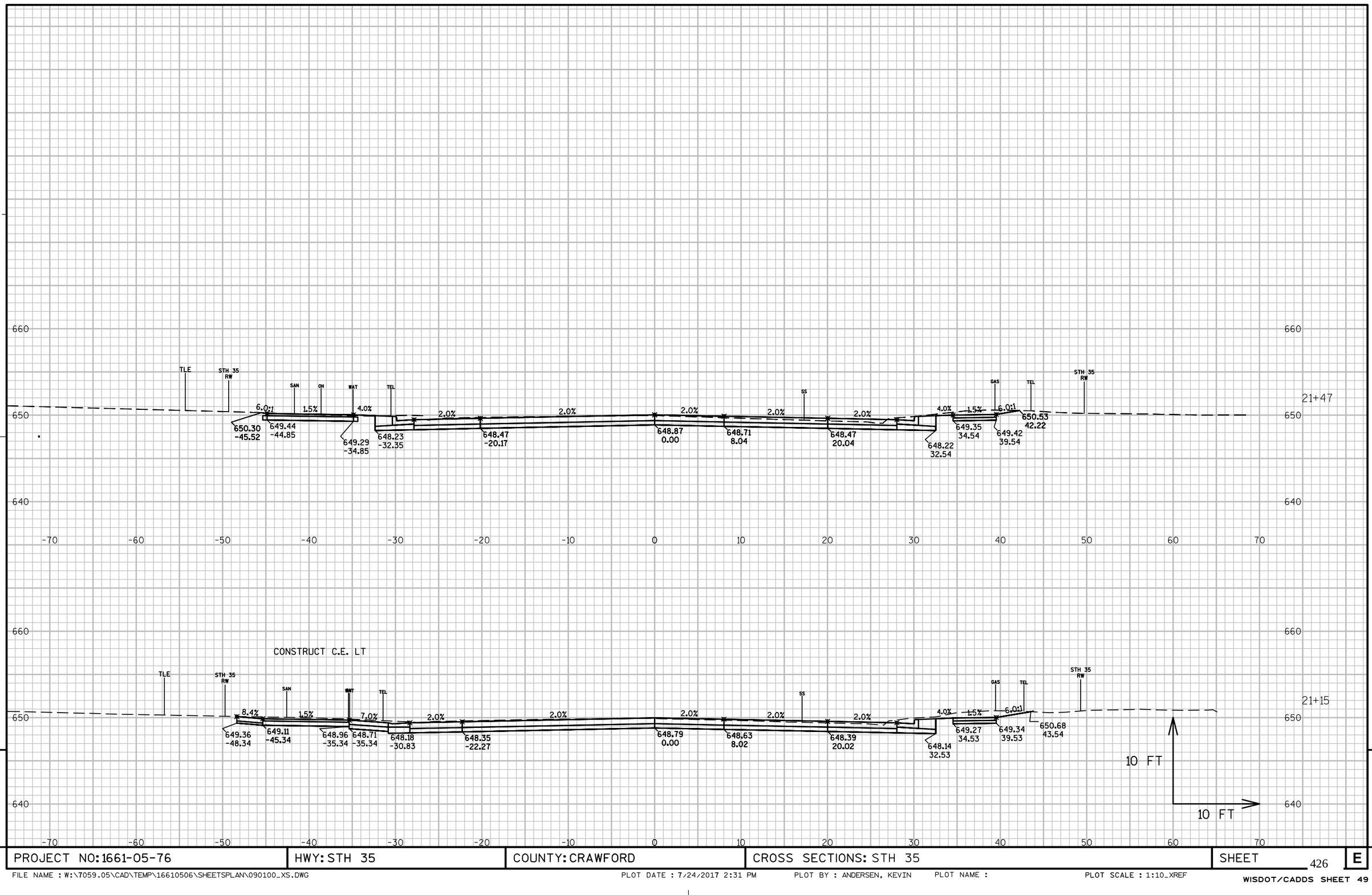
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:30 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 425	E

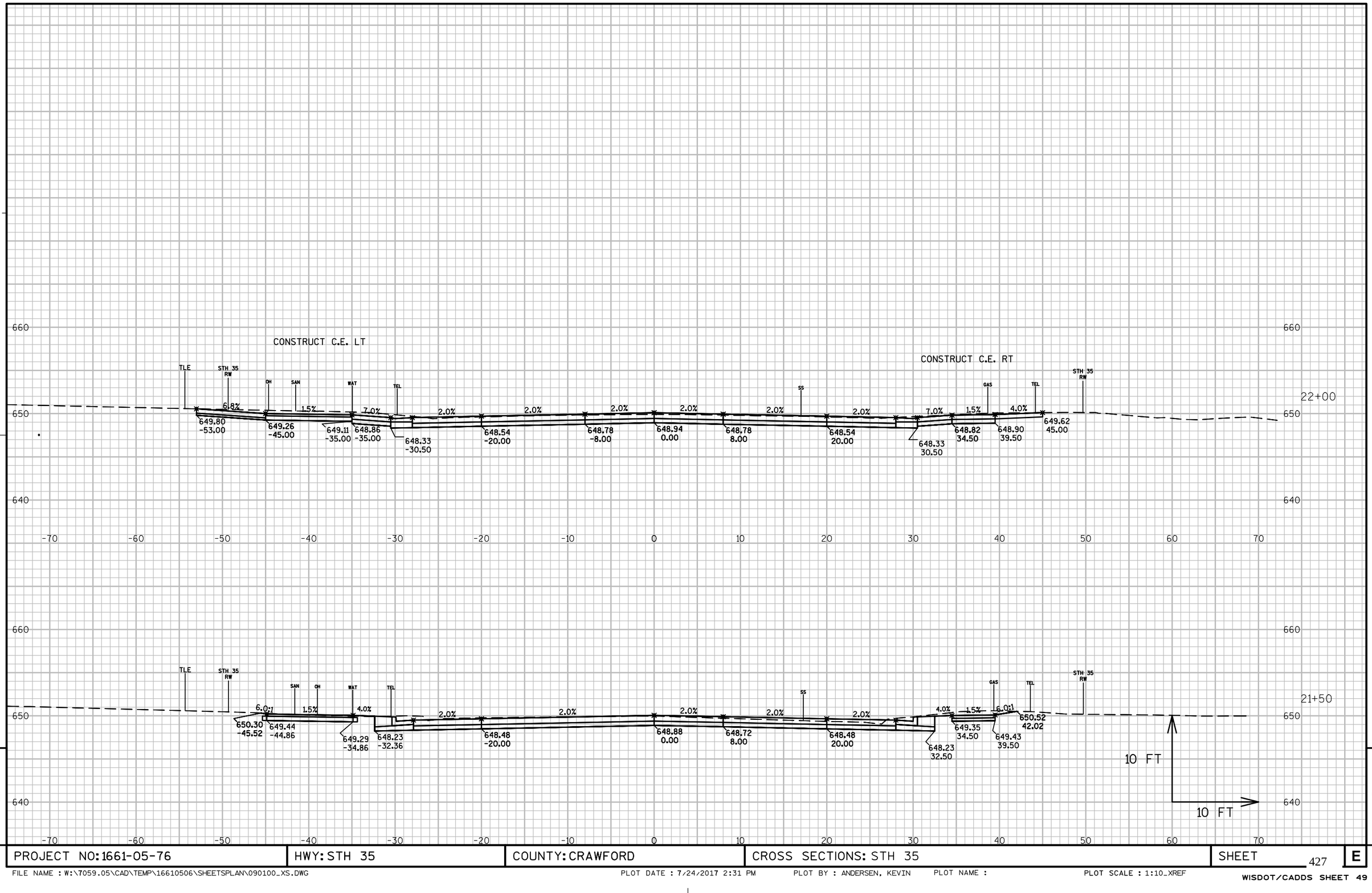
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:30 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

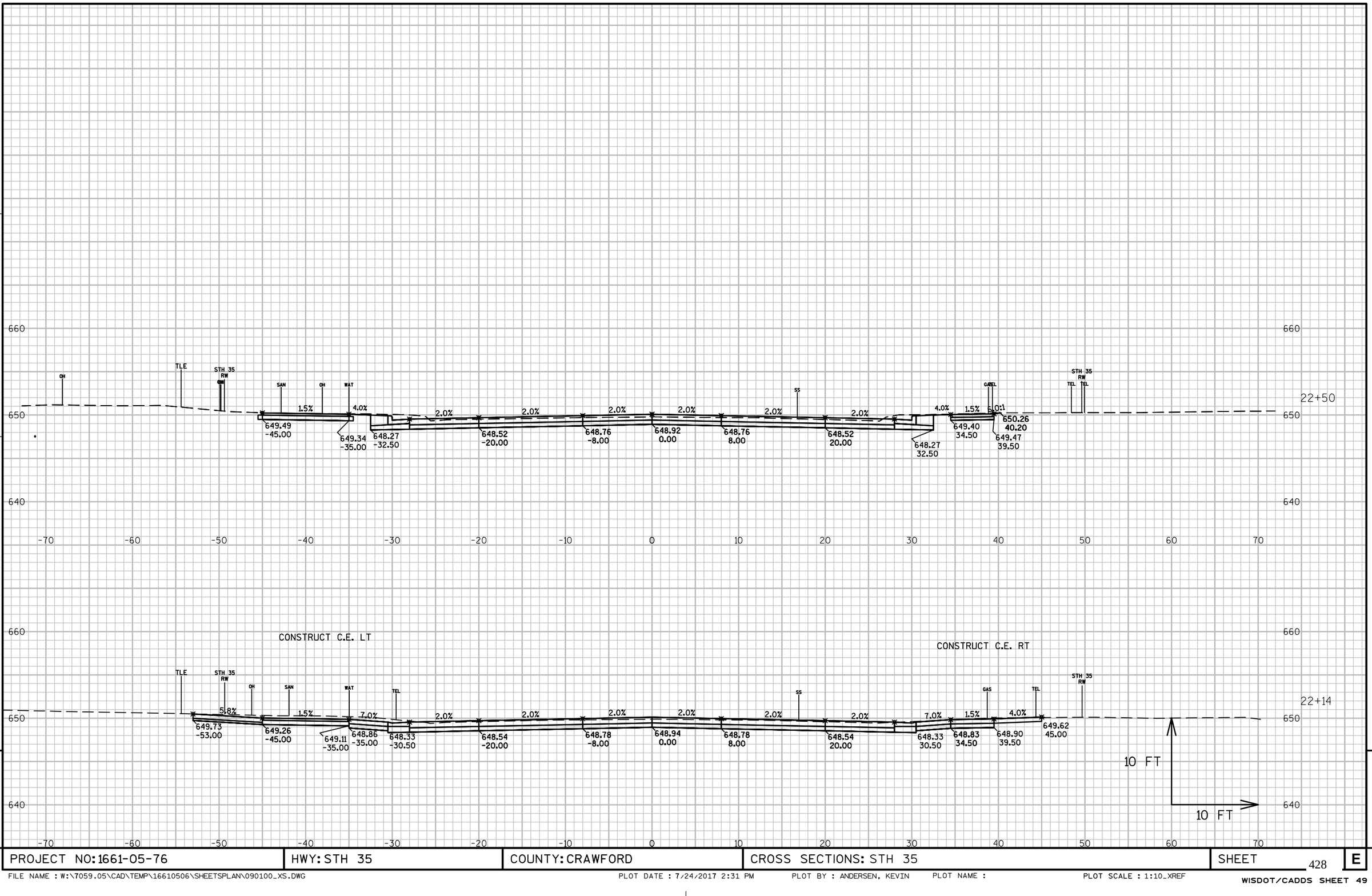


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 426	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:31 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 427	E



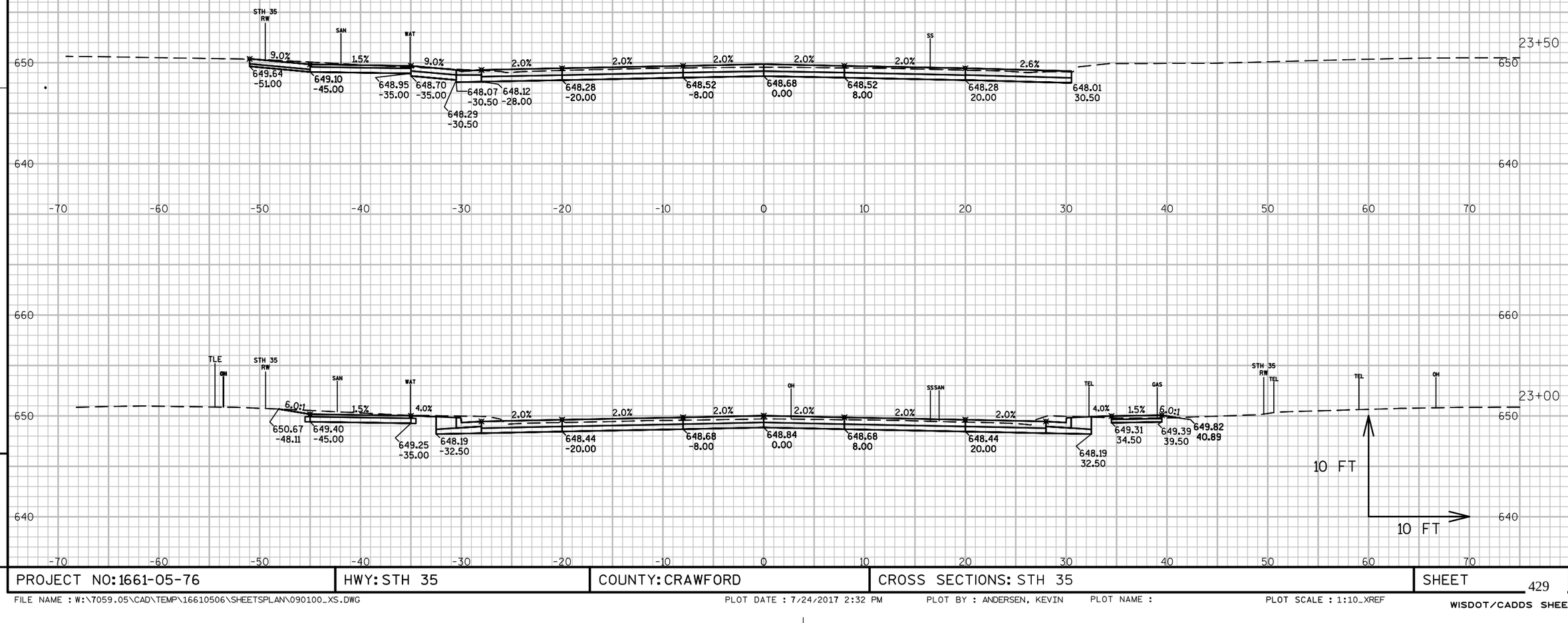
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 428	E

CONSTRUCT P.E. LT

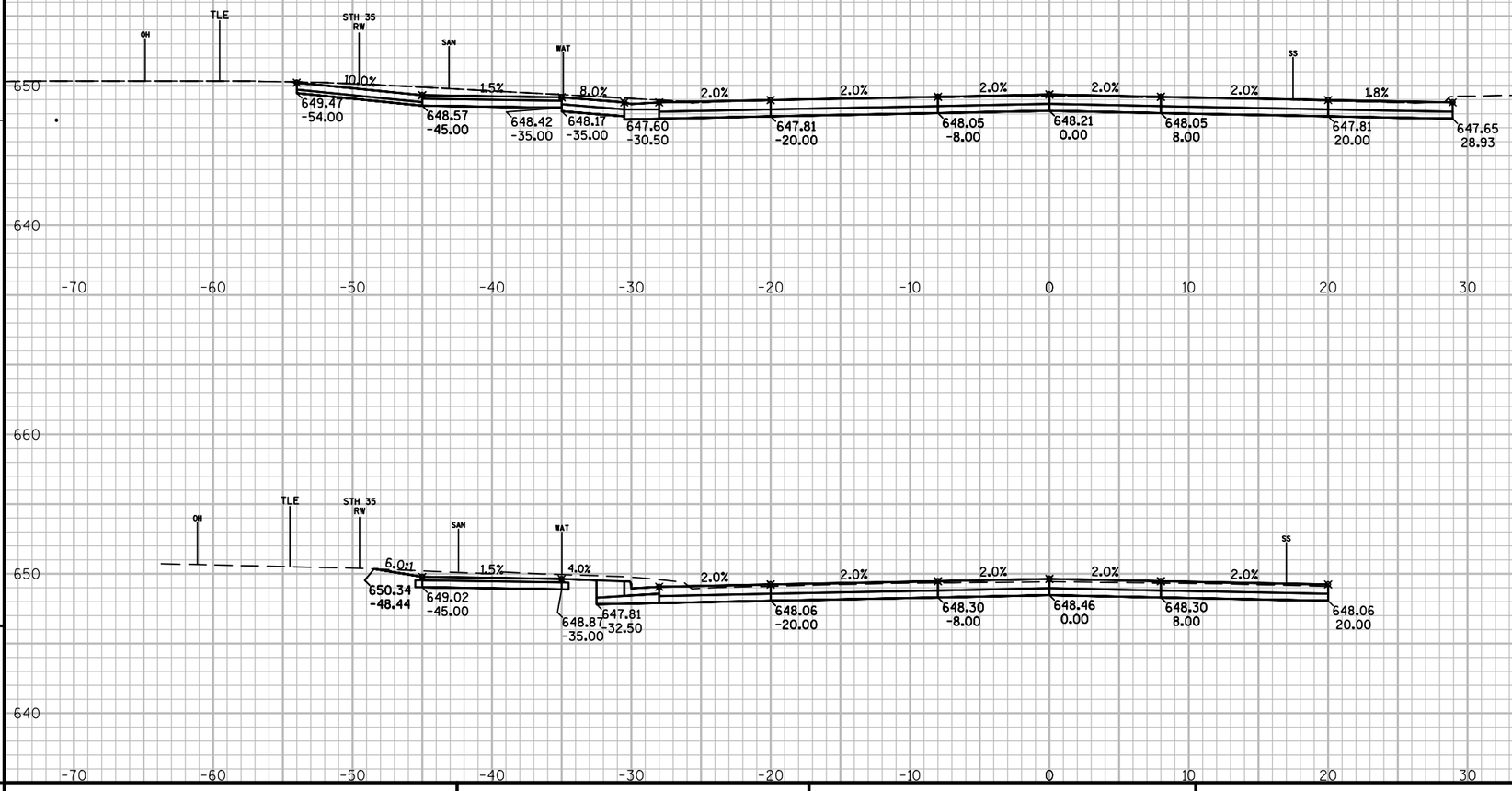
SEE 15TH ST INTERSECTION DETAIL



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 429	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:32 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

CONSTRUCT C.E. LT

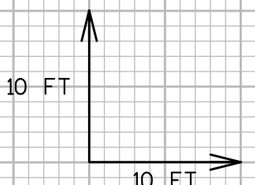


SEE 15TH ST INTERSECTION DETAIL

24+50

SEE 15TH ST INTERSECTION DETAIL

24+00



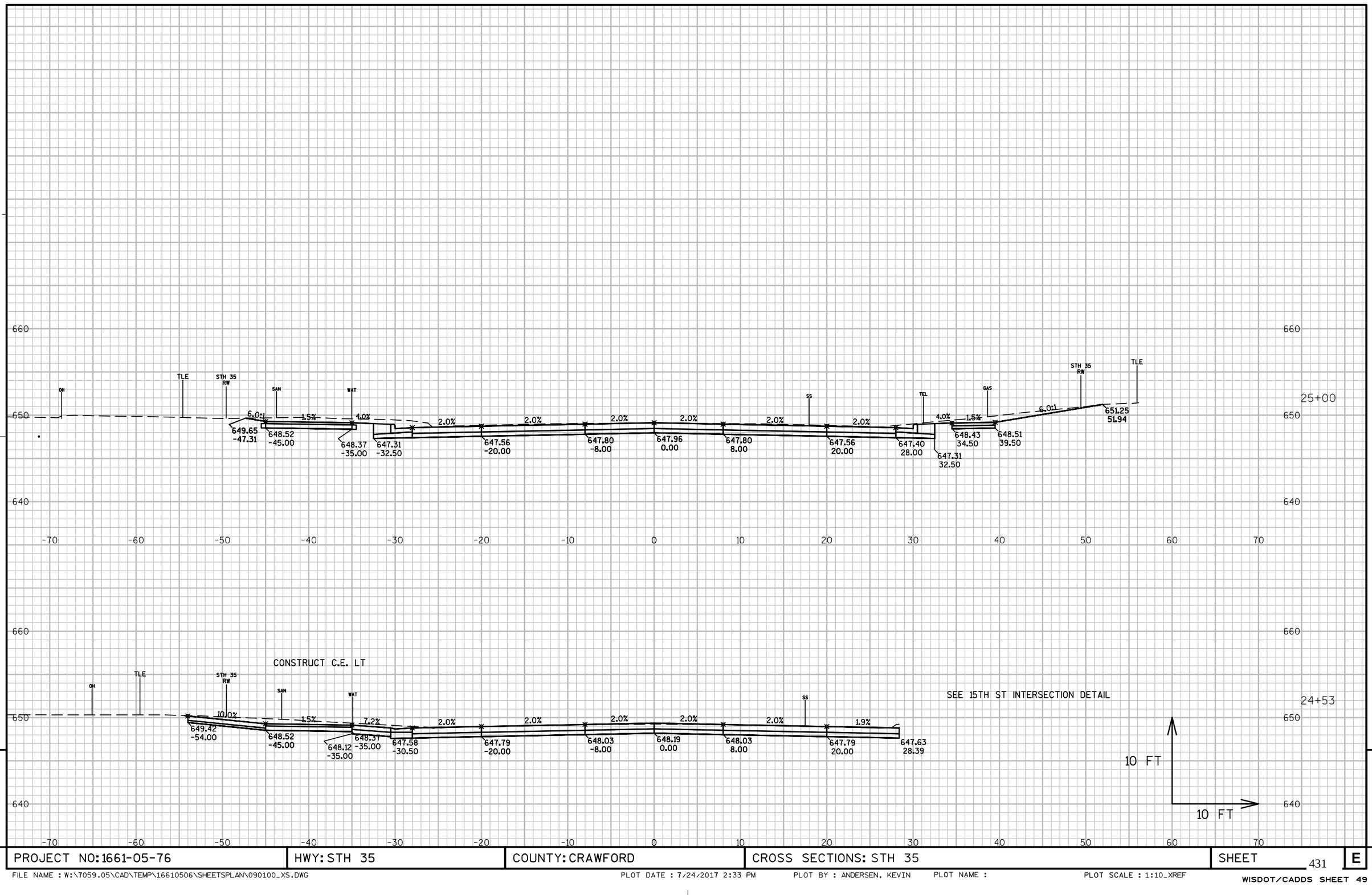
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 430	E

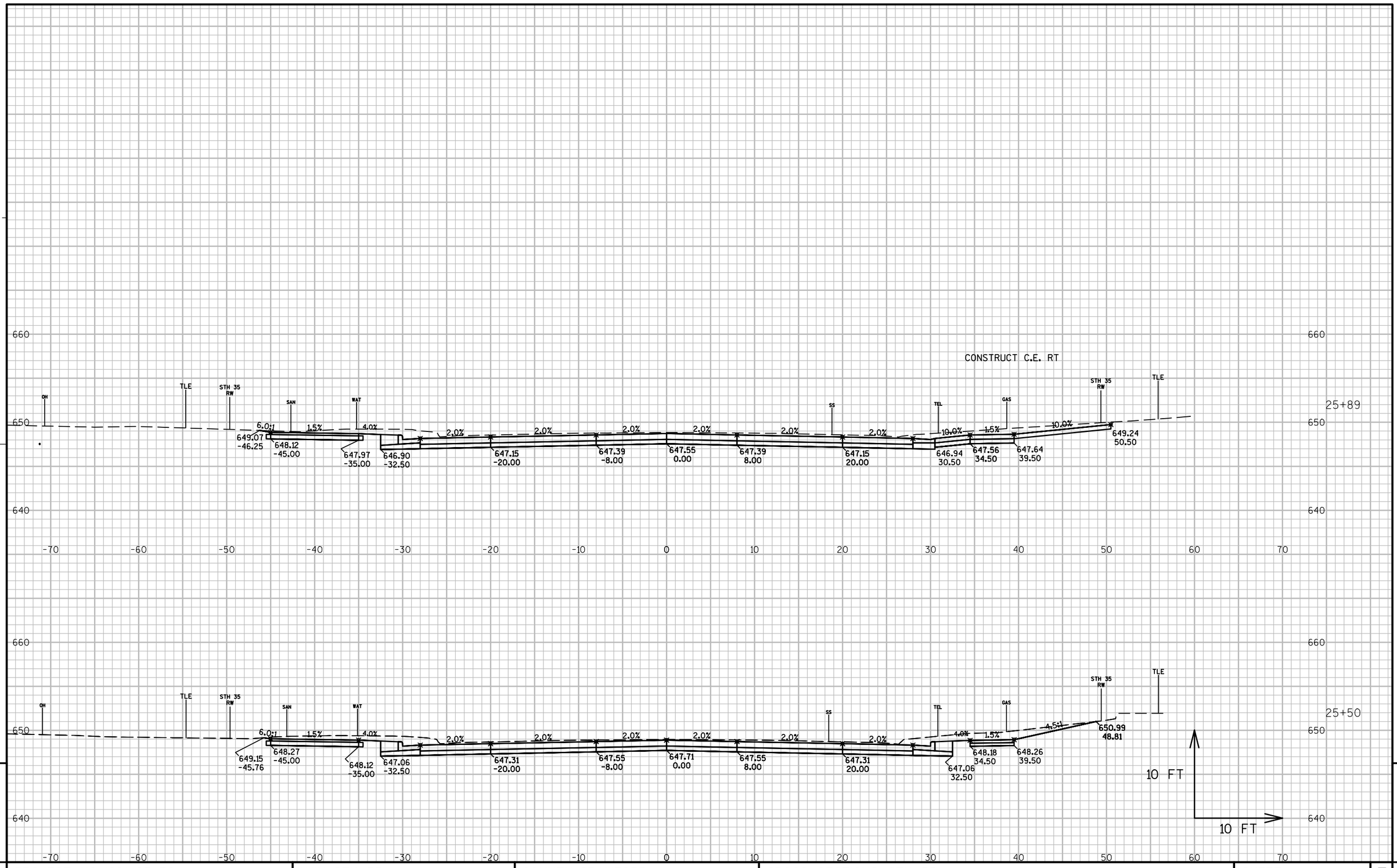
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:32 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 431	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:33 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

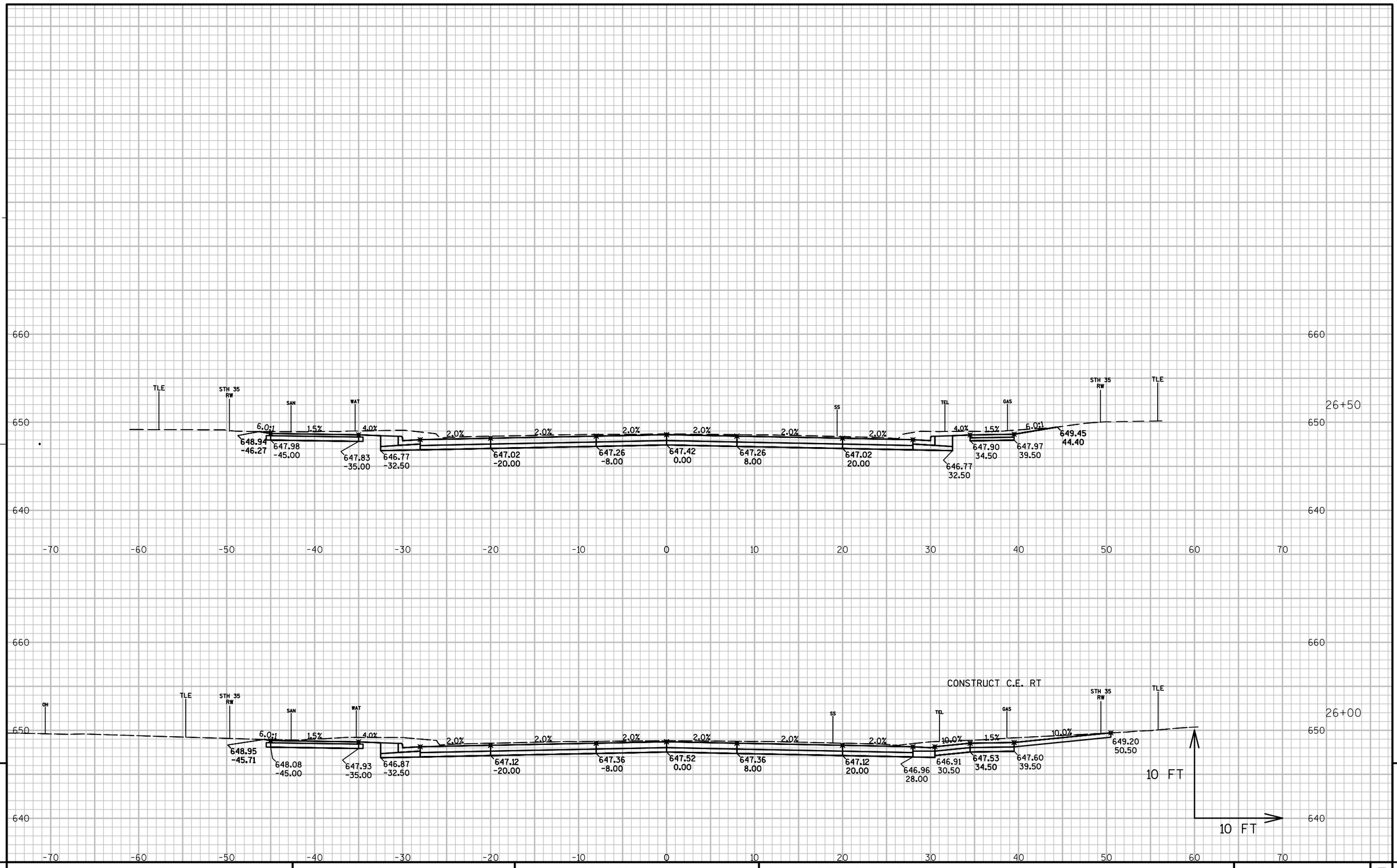


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 432	E

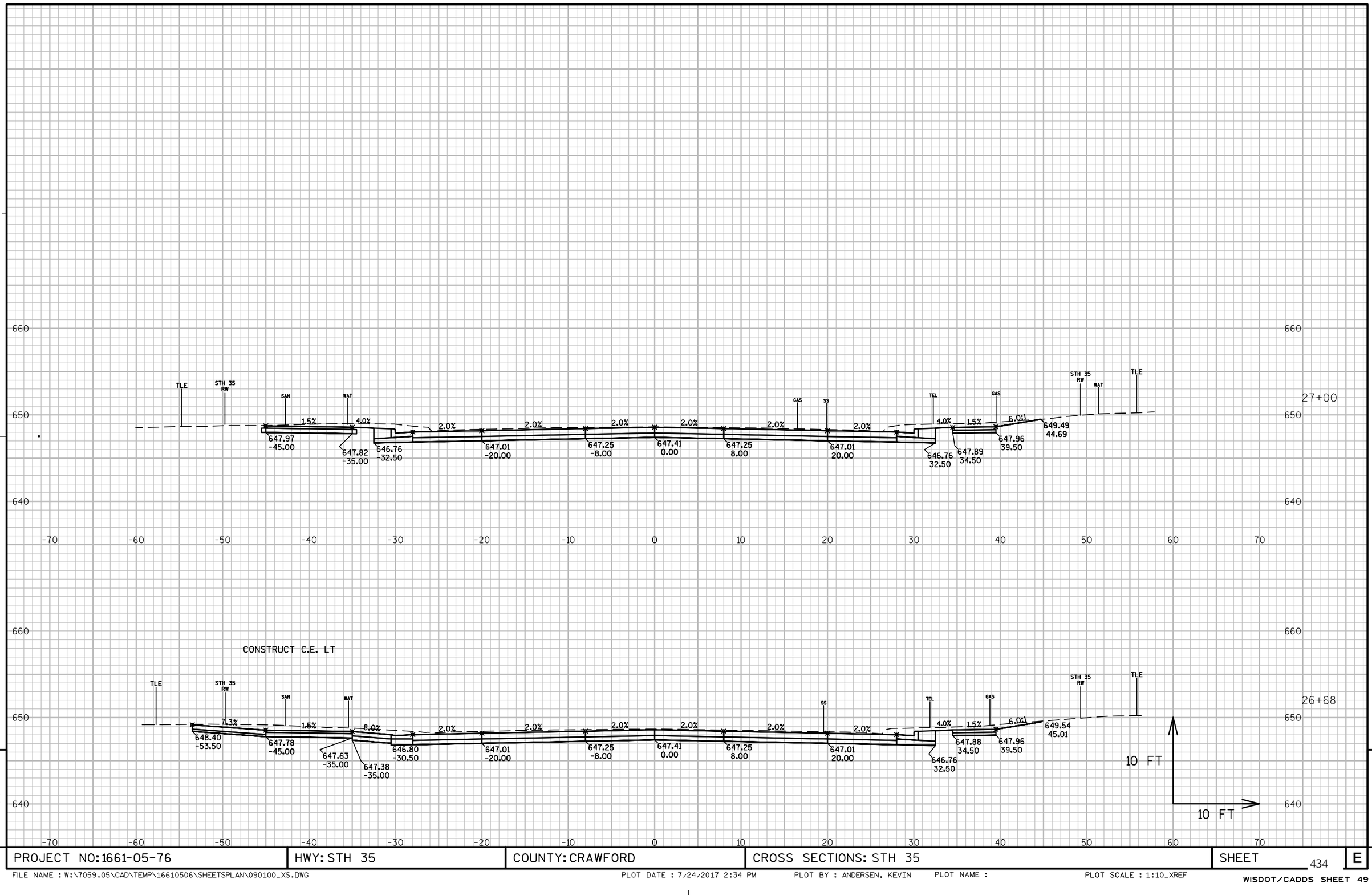
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:33 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 433	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:33 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

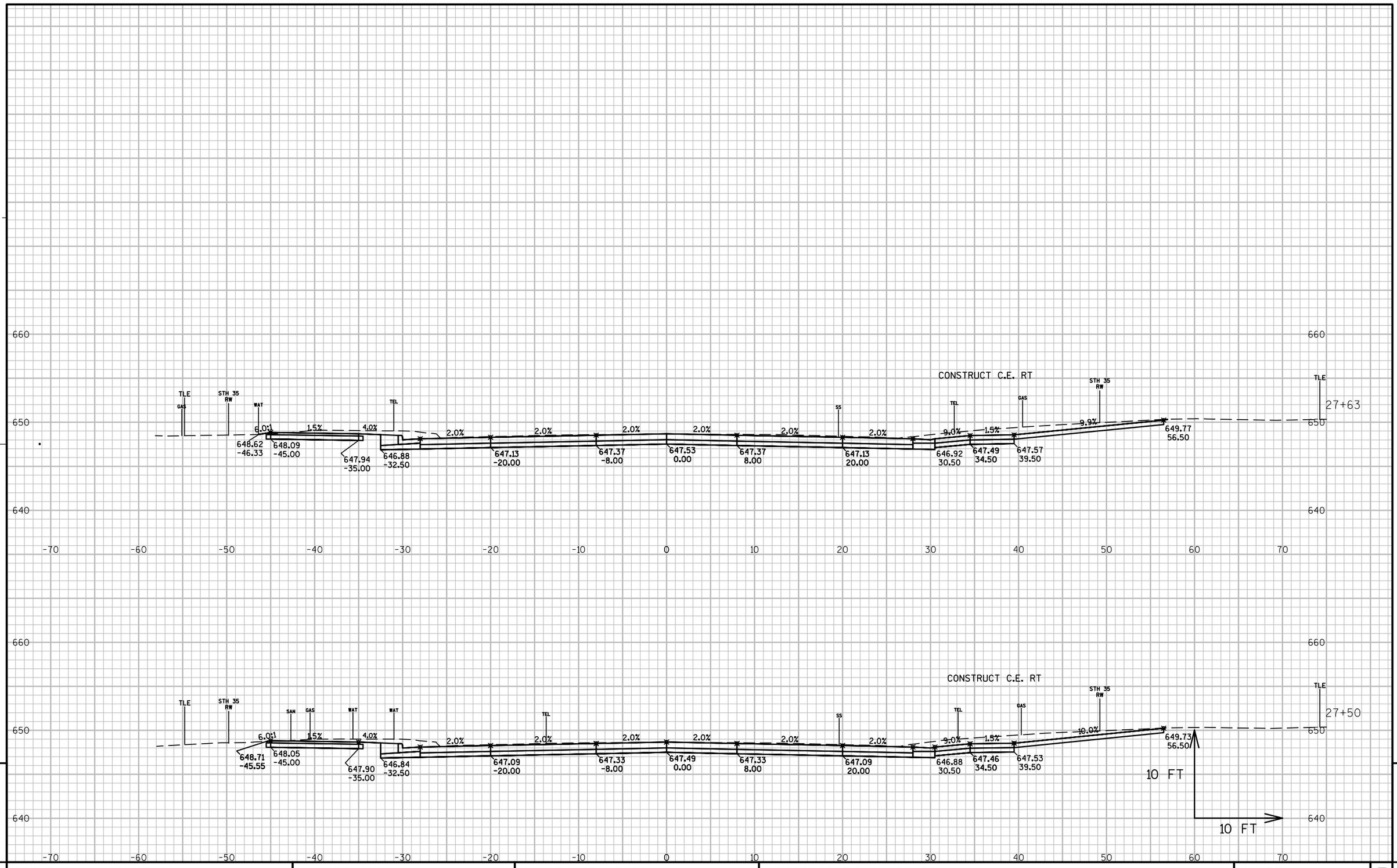
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 434	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:34 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

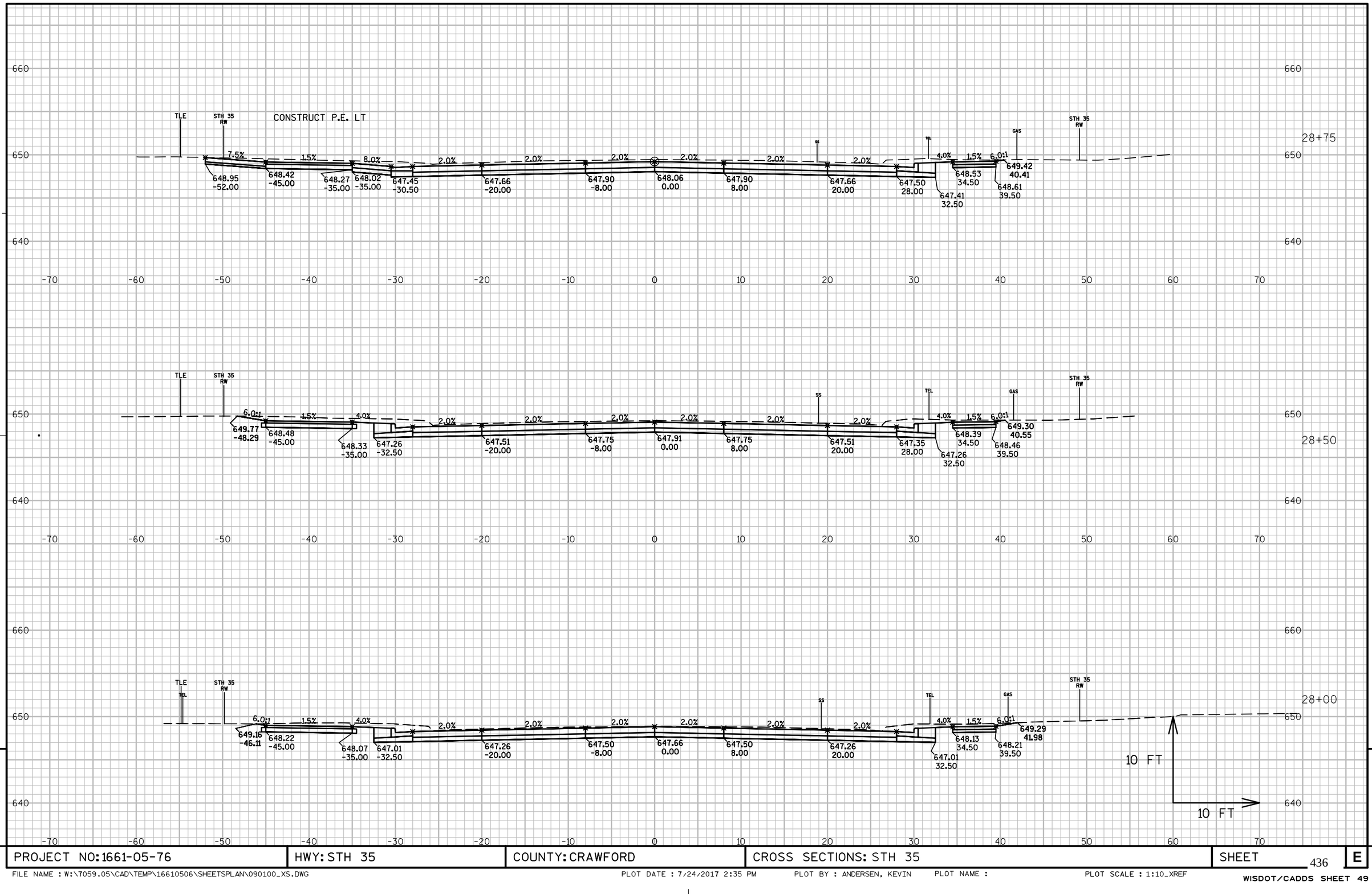


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 435	E

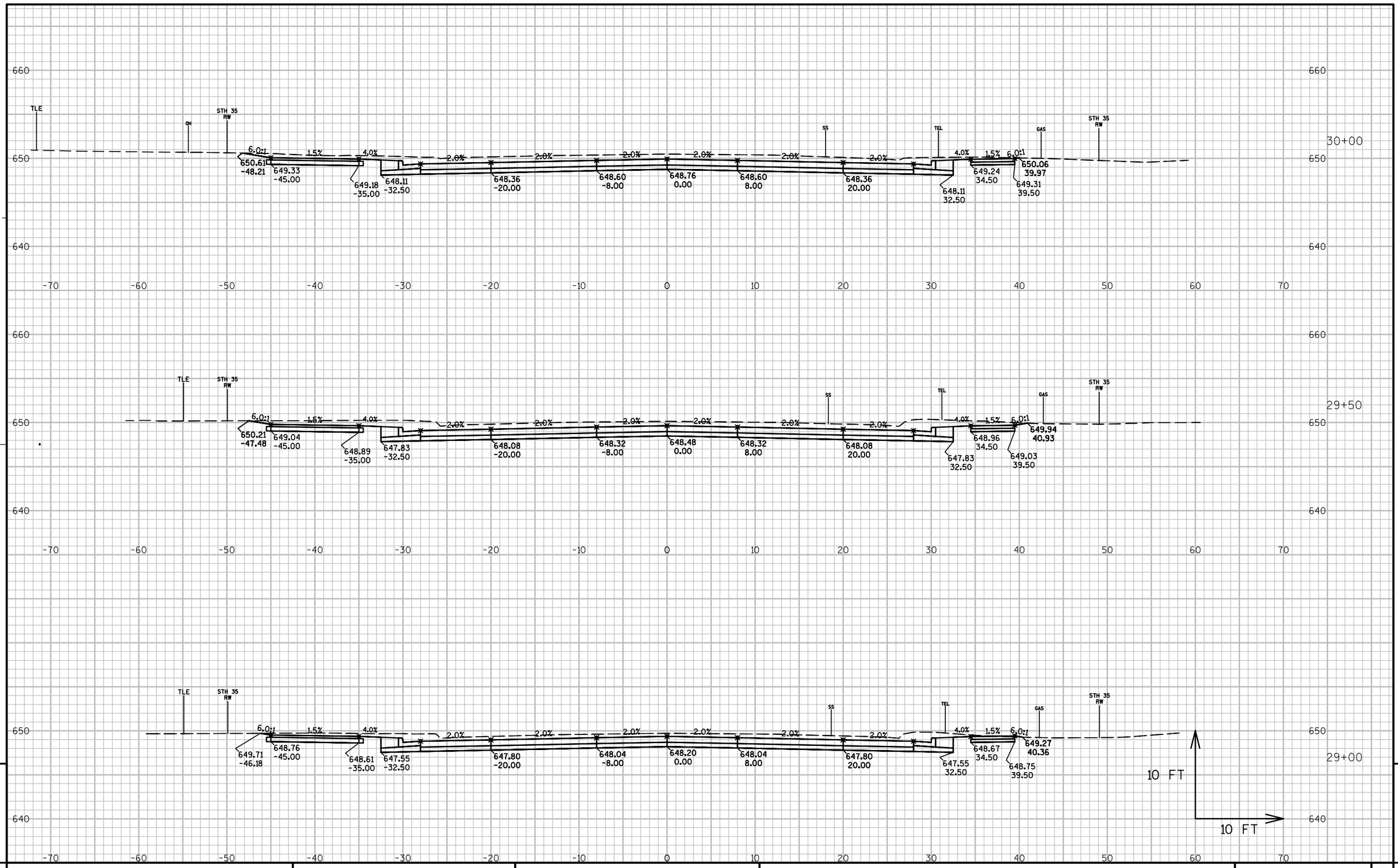
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:34 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



9

9

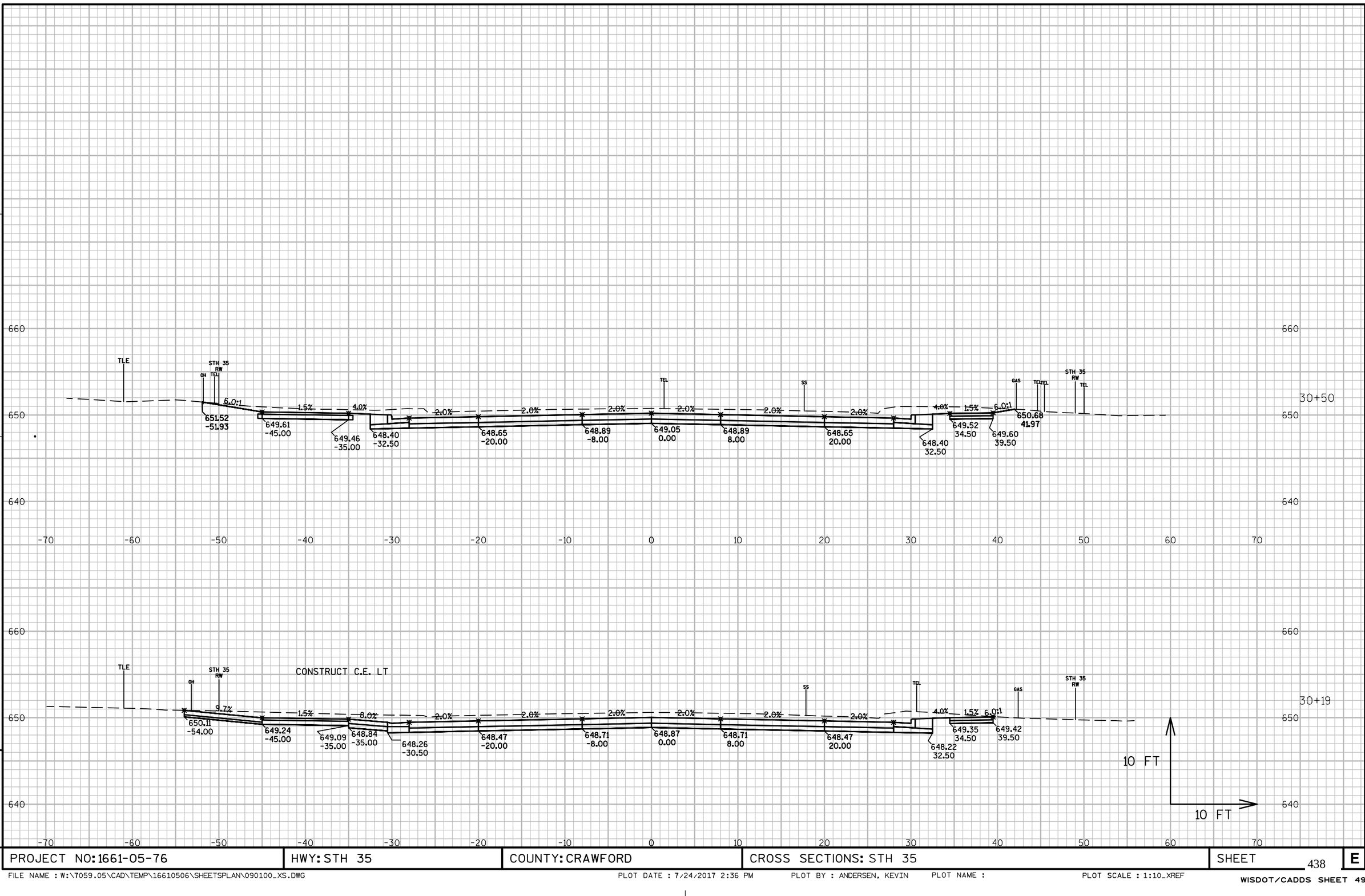
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 436	E



9

9

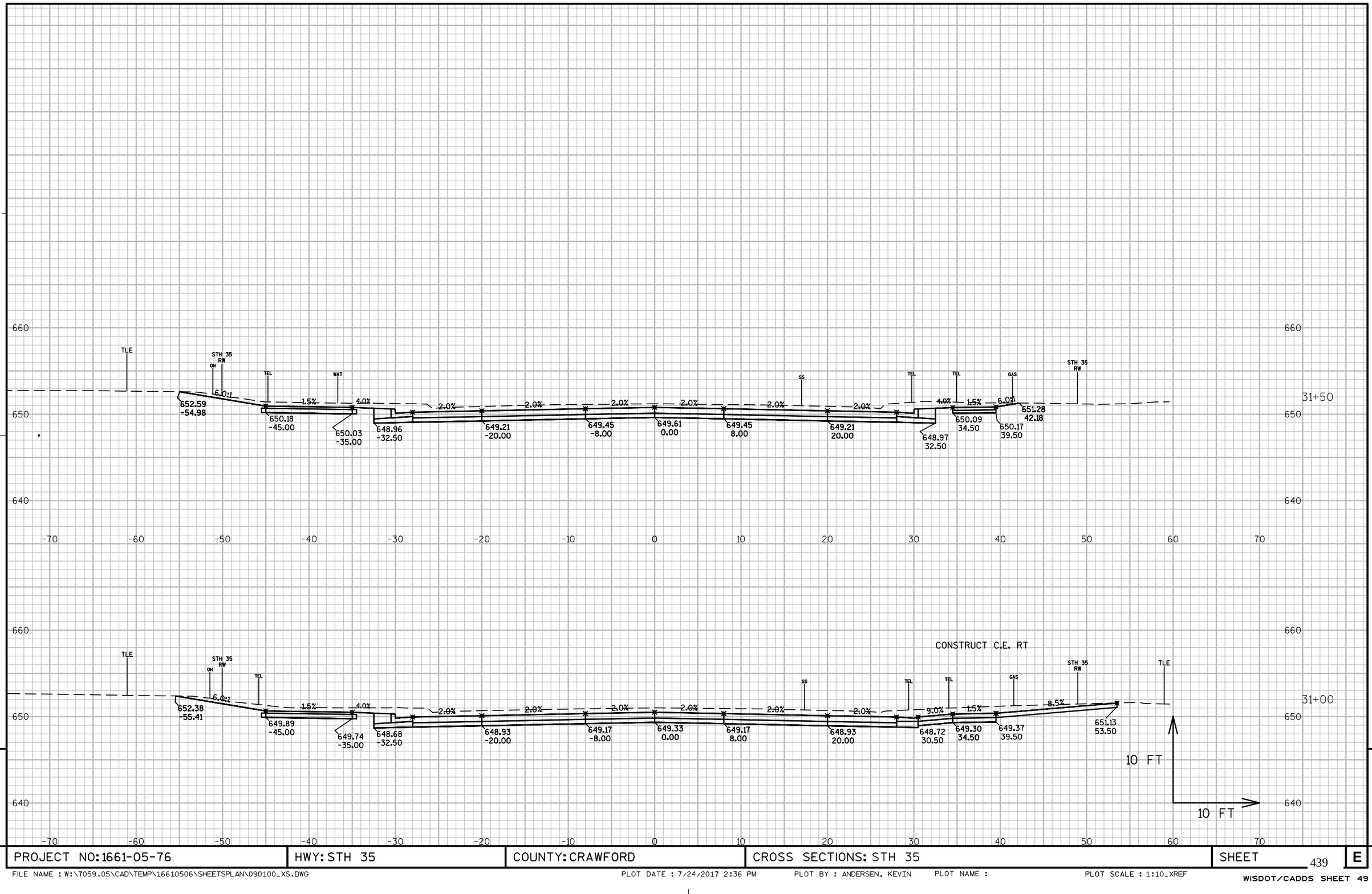
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 437	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 438	E

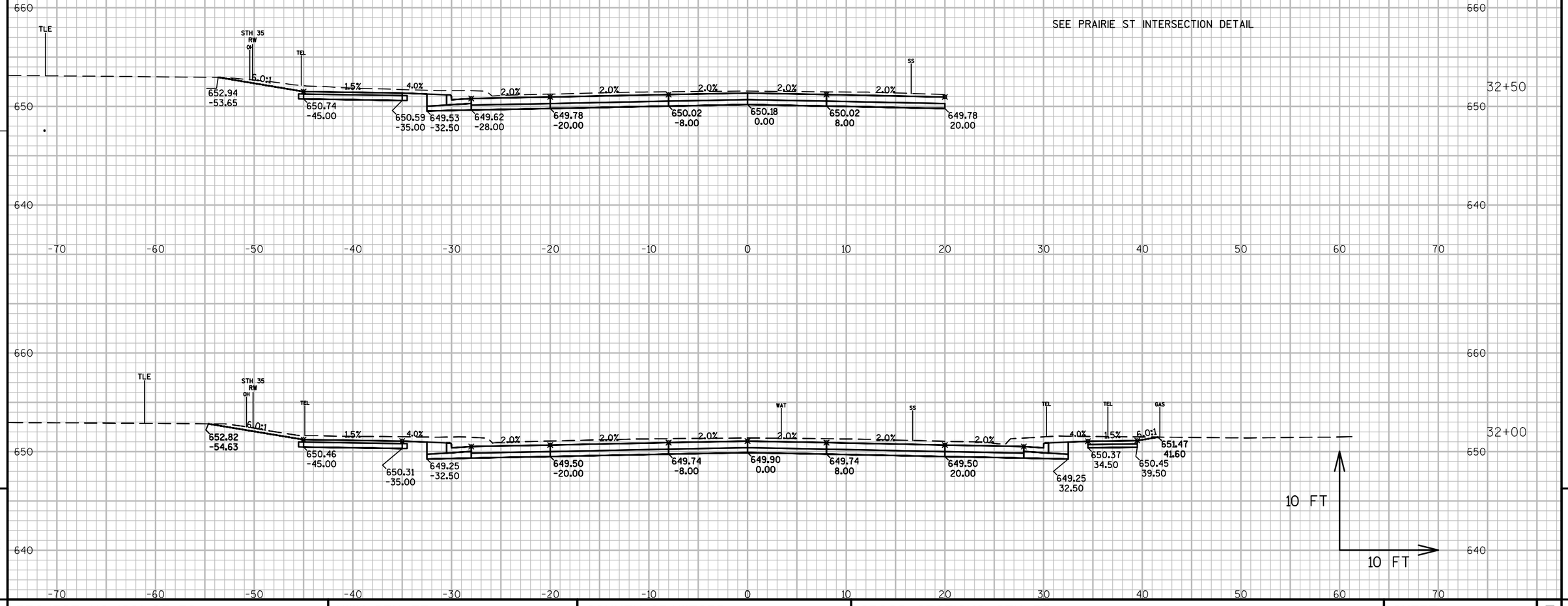
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:36 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 439 E

SEE PRAIRIE ST INTERSECTION DETAIL

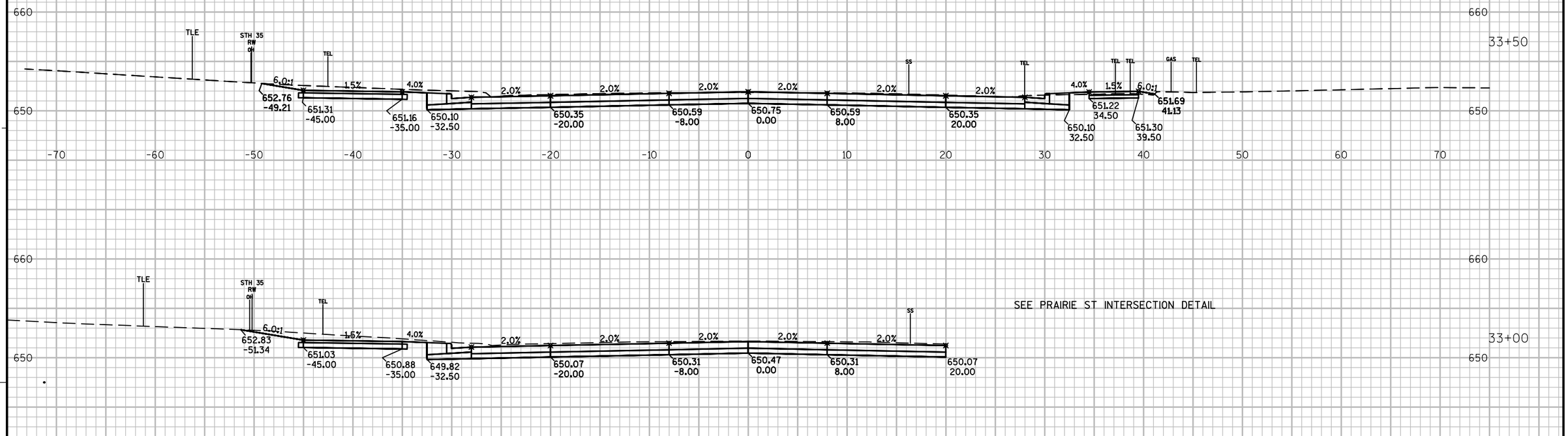


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 440	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:36 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



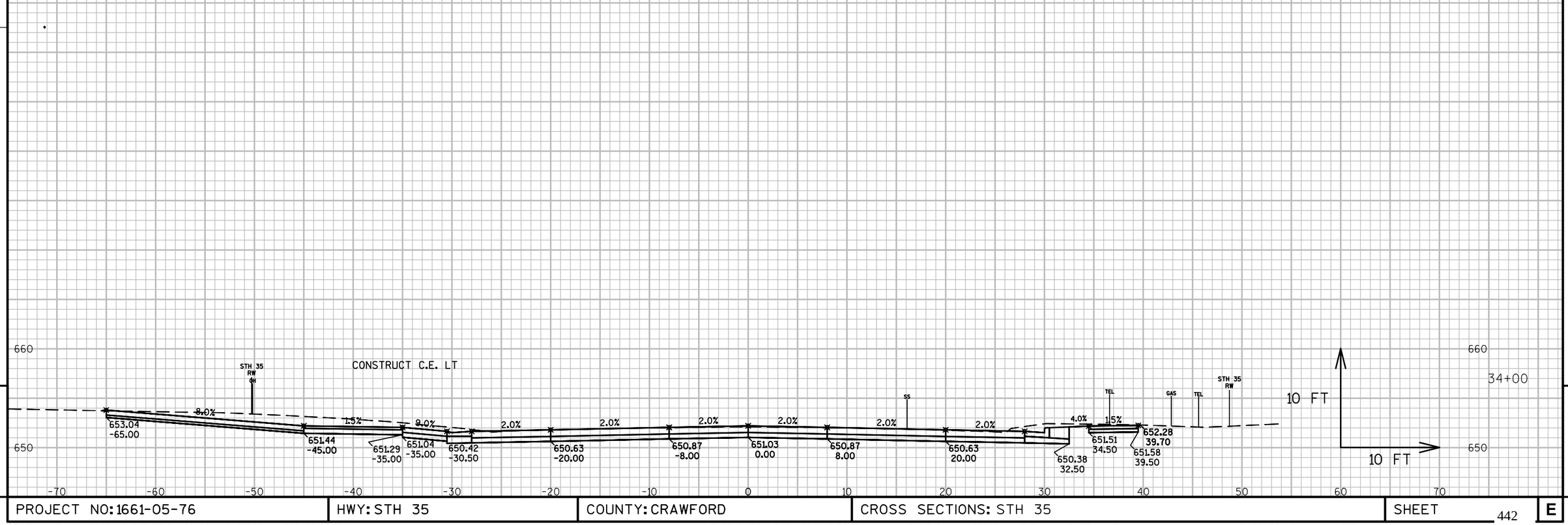
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 441	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/31/2017 10:15 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

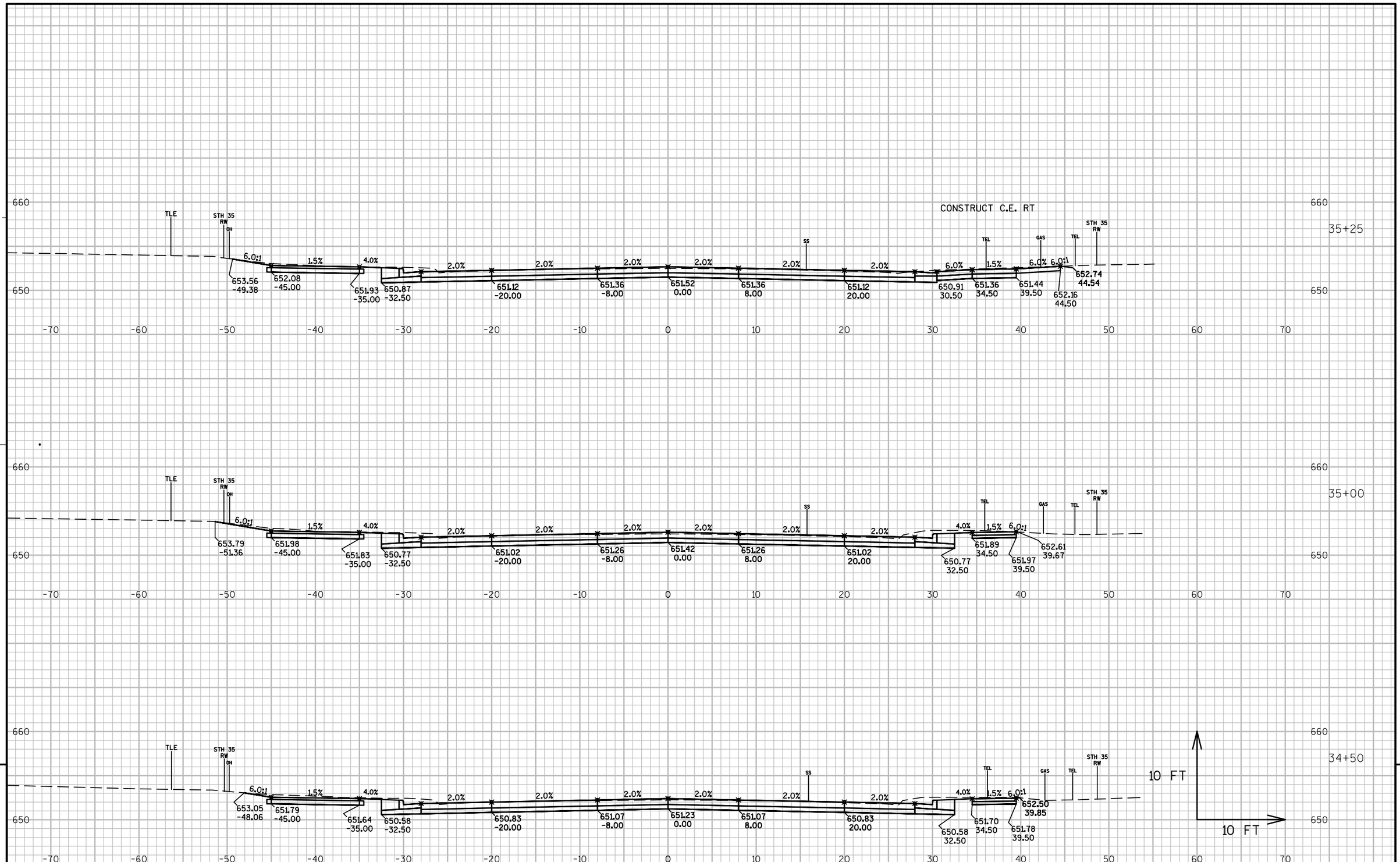
WISDOT/CADDS SHEET 49



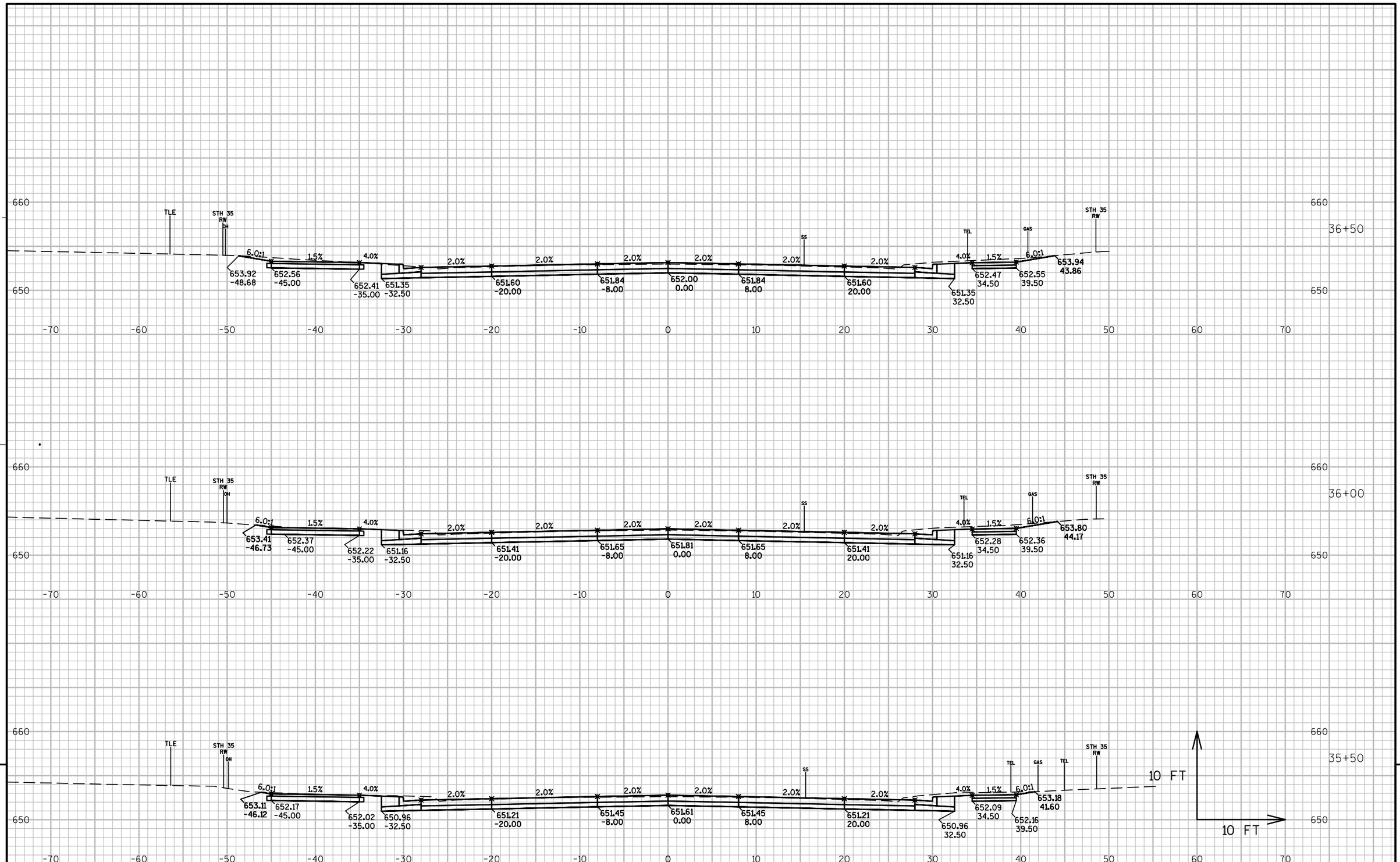
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 442	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090100_XS.DWG PLOT DATE : 7/24/2017 2:37 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 443	E



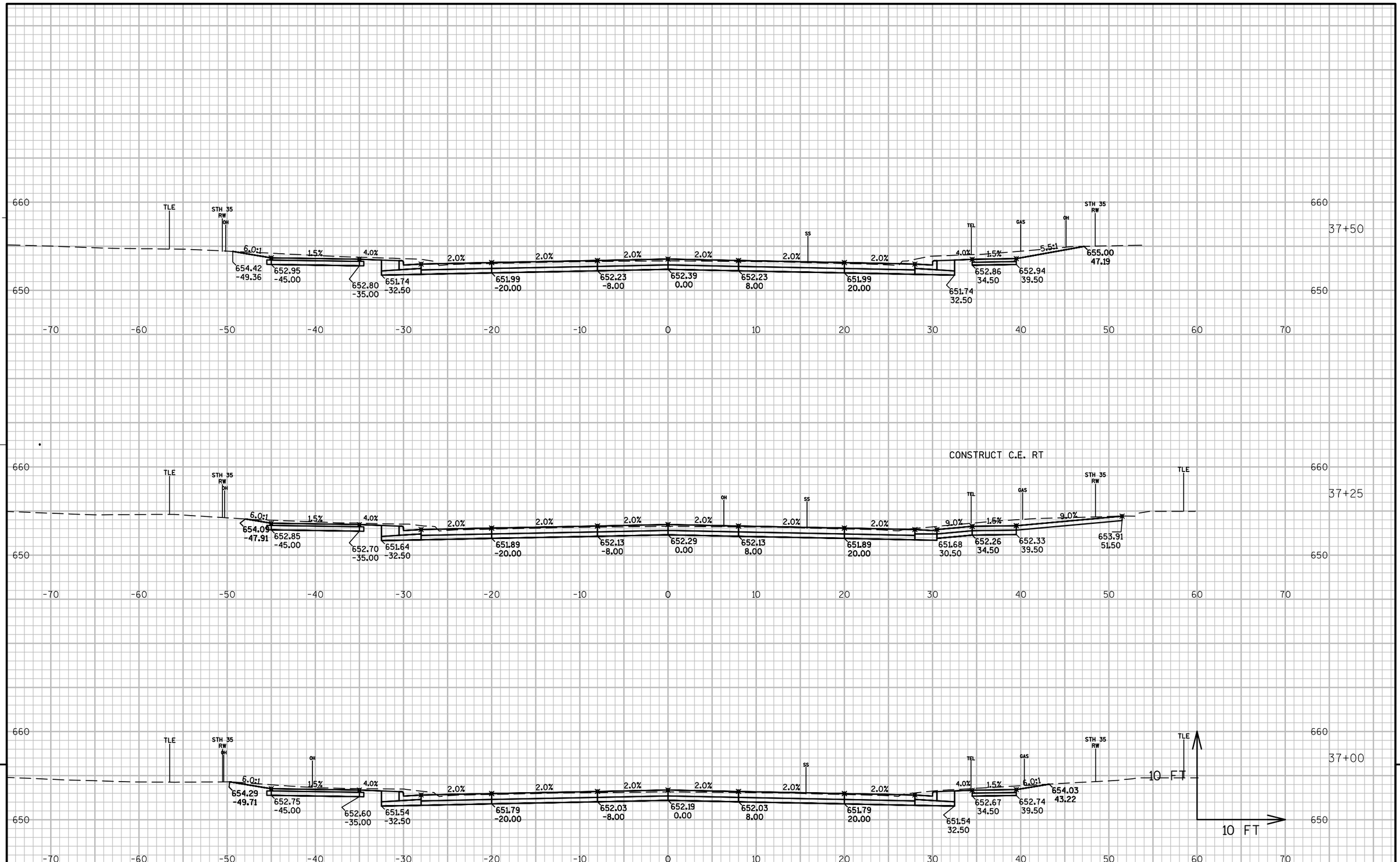
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 444	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/24/2017 2:49 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



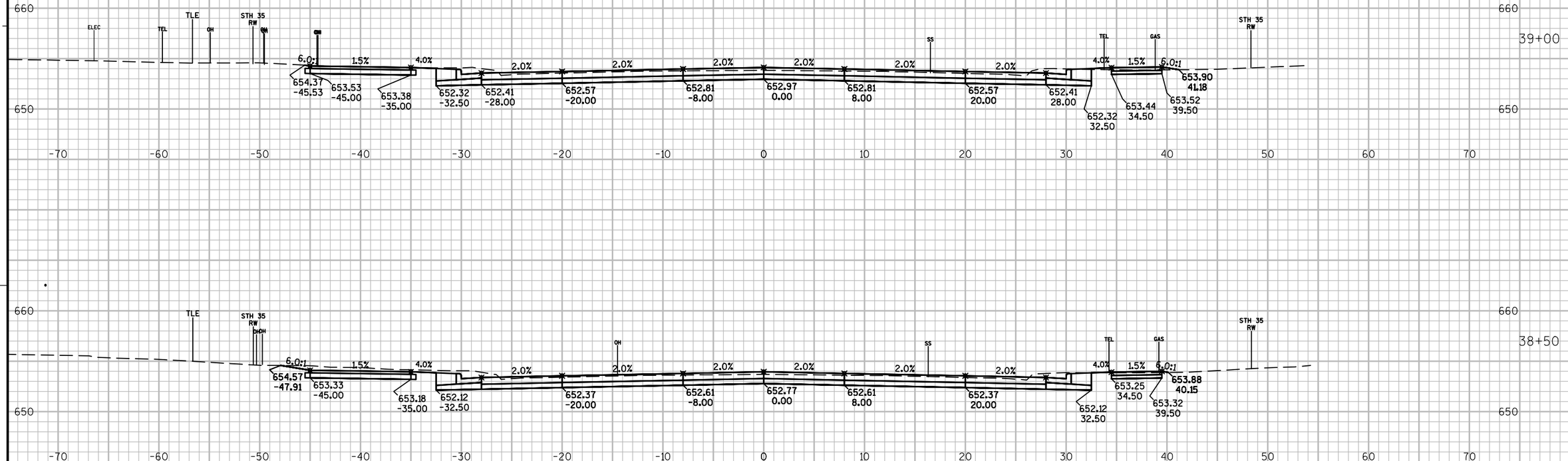
9

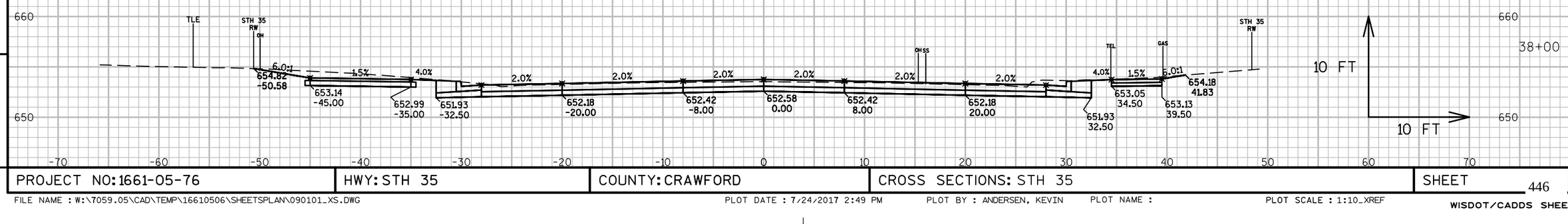
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 445	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/24/2017 2:49 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



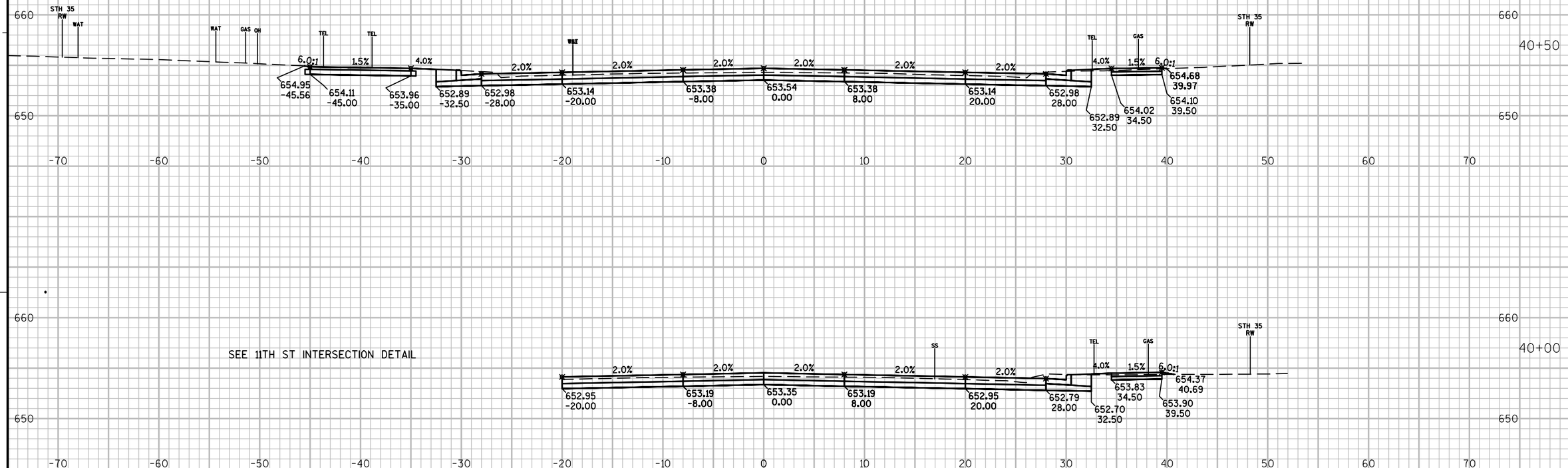


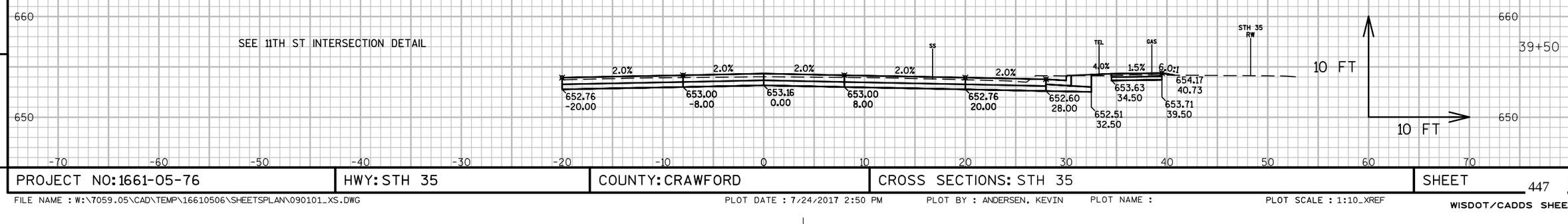
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 446	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/24/2017 2:49 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



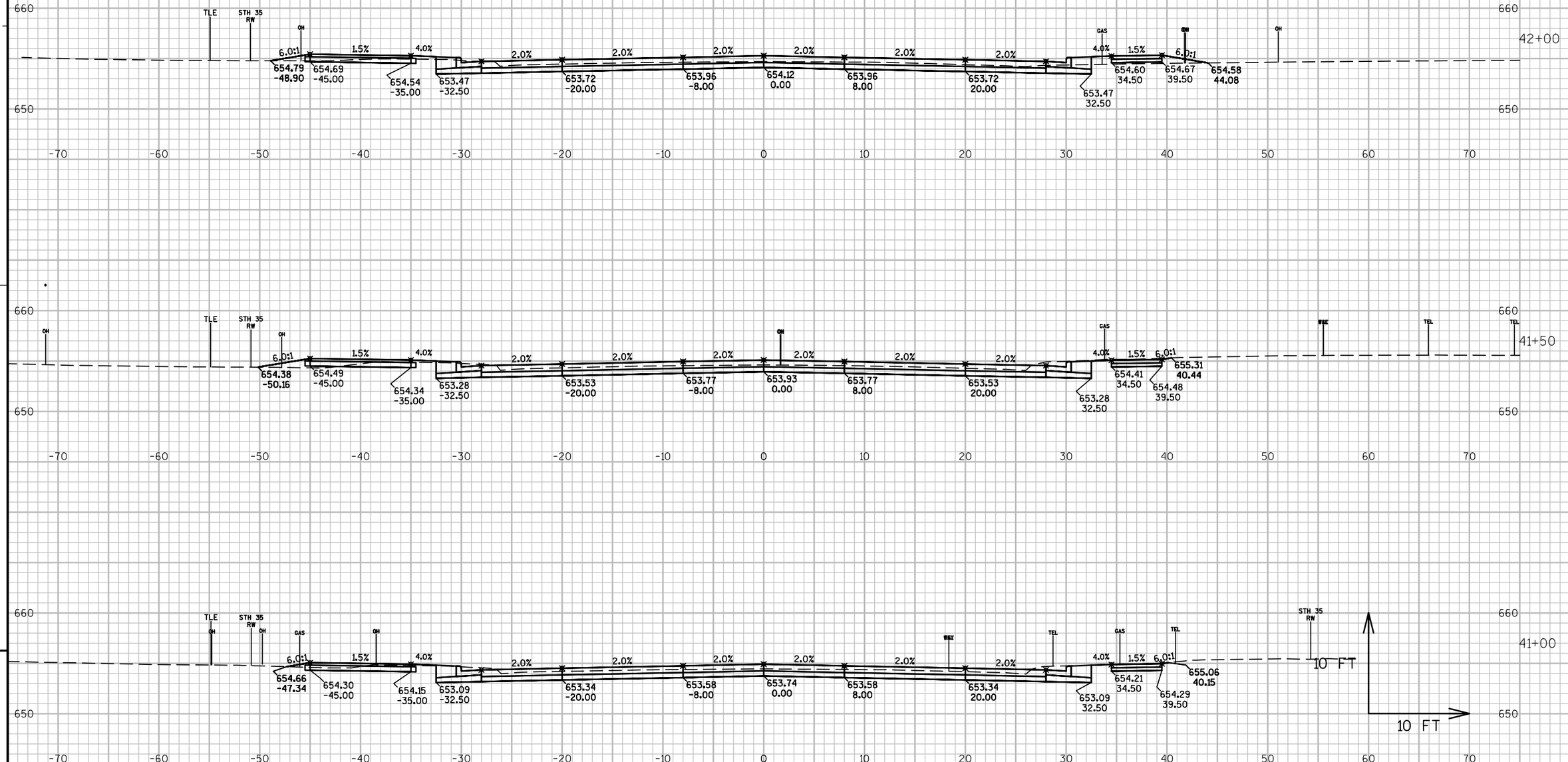


9

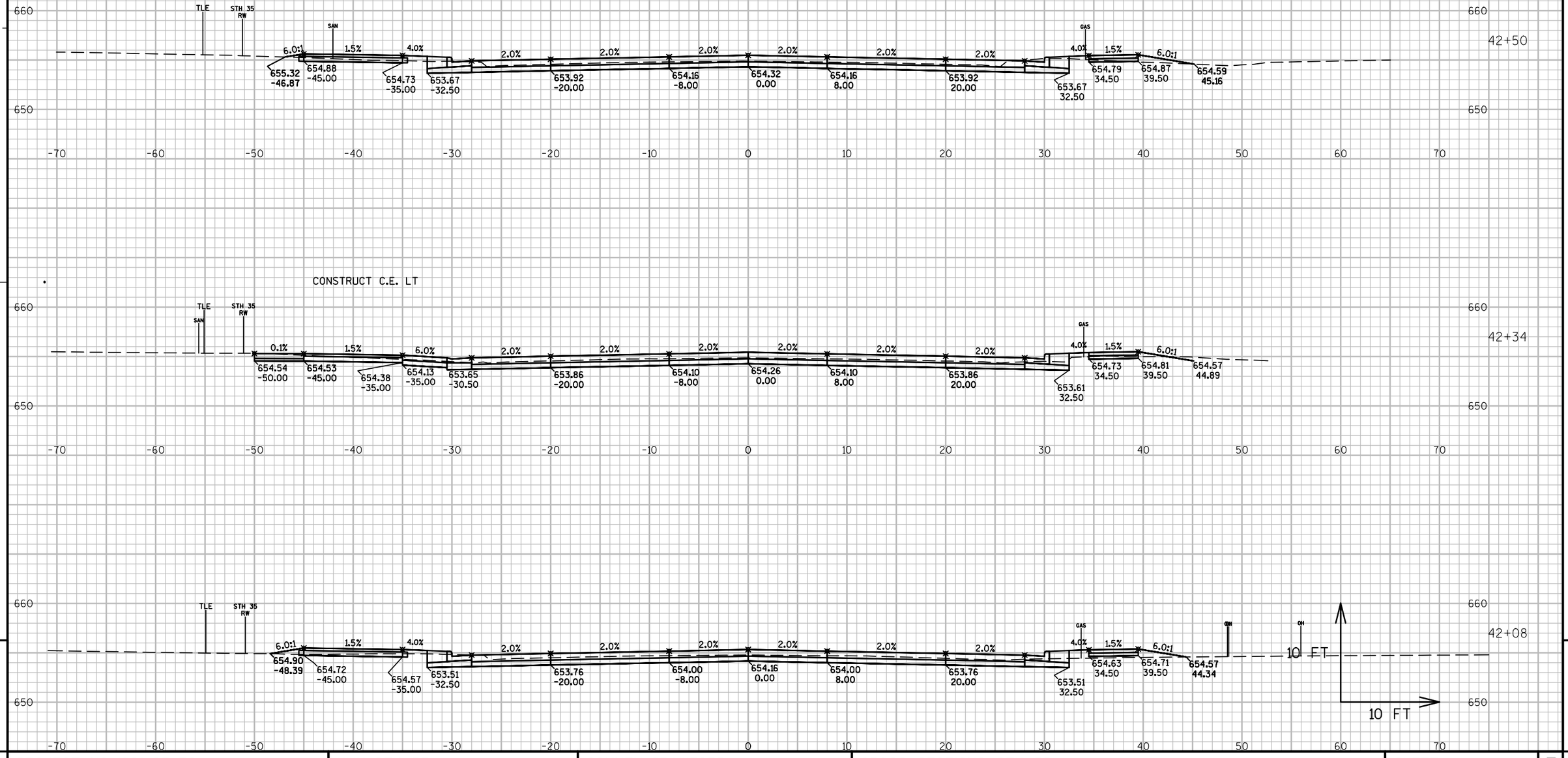
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 447	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/24/2017 2:50 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 448	E

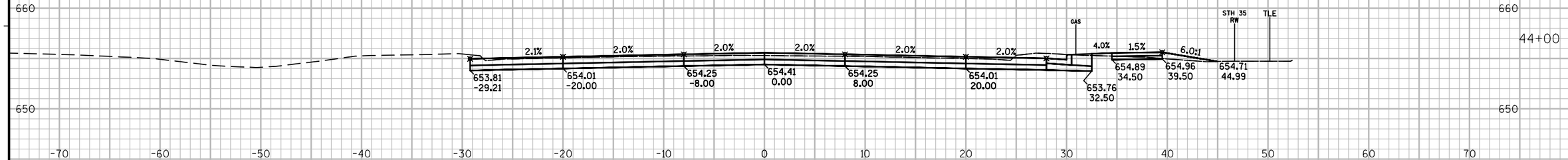


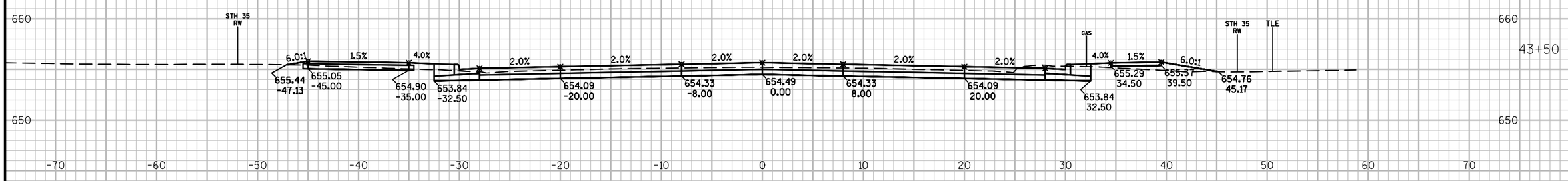
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 449	E

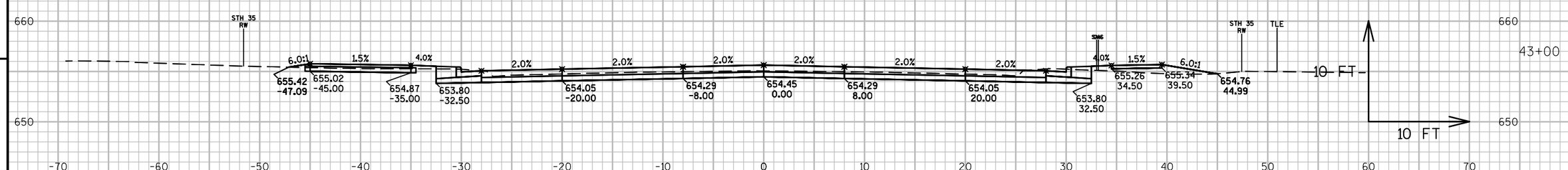
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/24/2017 2:50 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

SEE 10TH ST INTERSECTION DETAIL







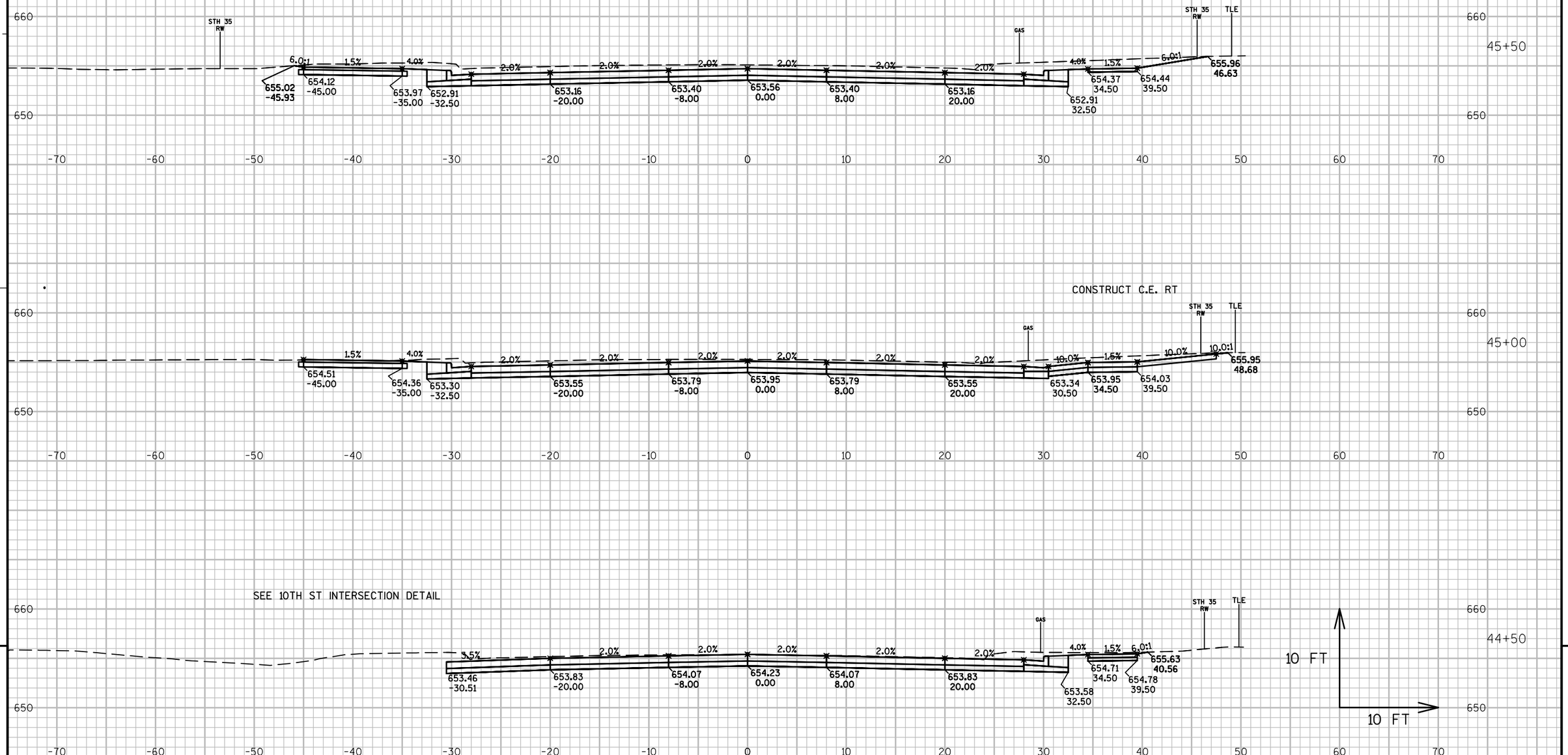
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 450	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090102_XS.DWG PLOT DATE : 7/24/2017 2:58 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

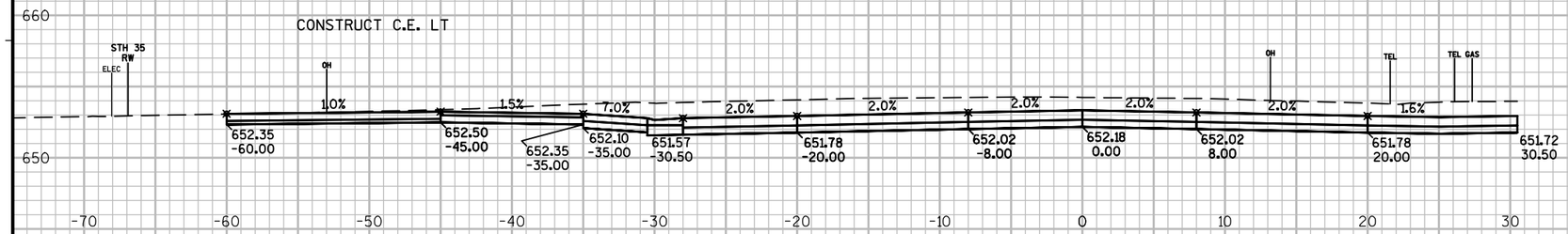
WISDOT/CADDS SHEET 49

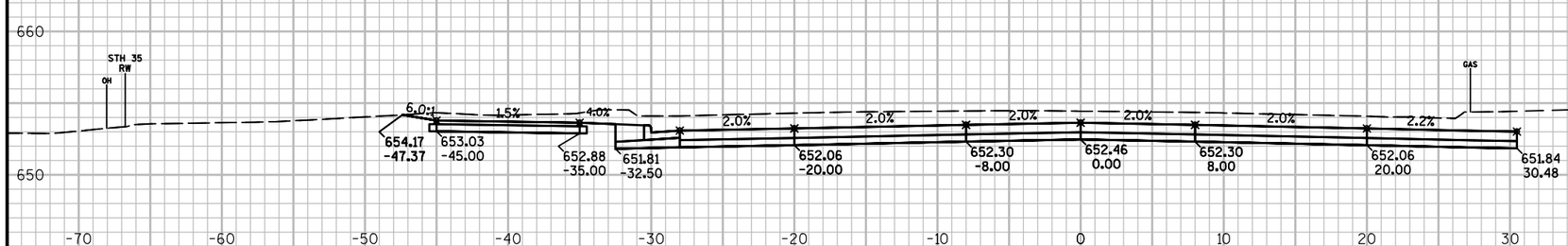


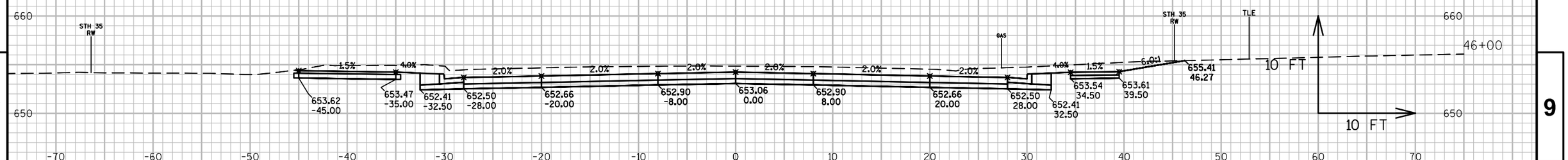
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 451	E



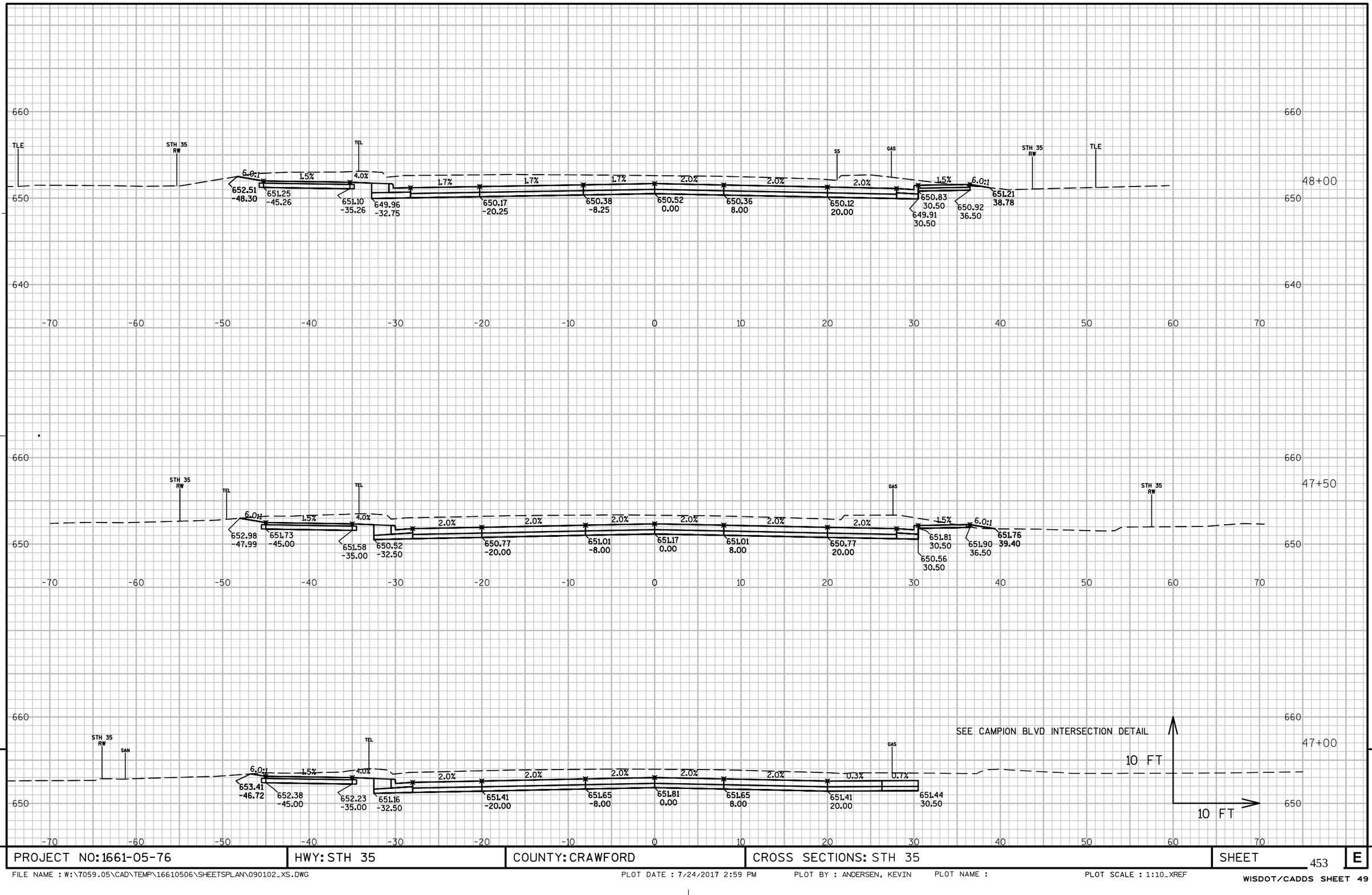




9

9

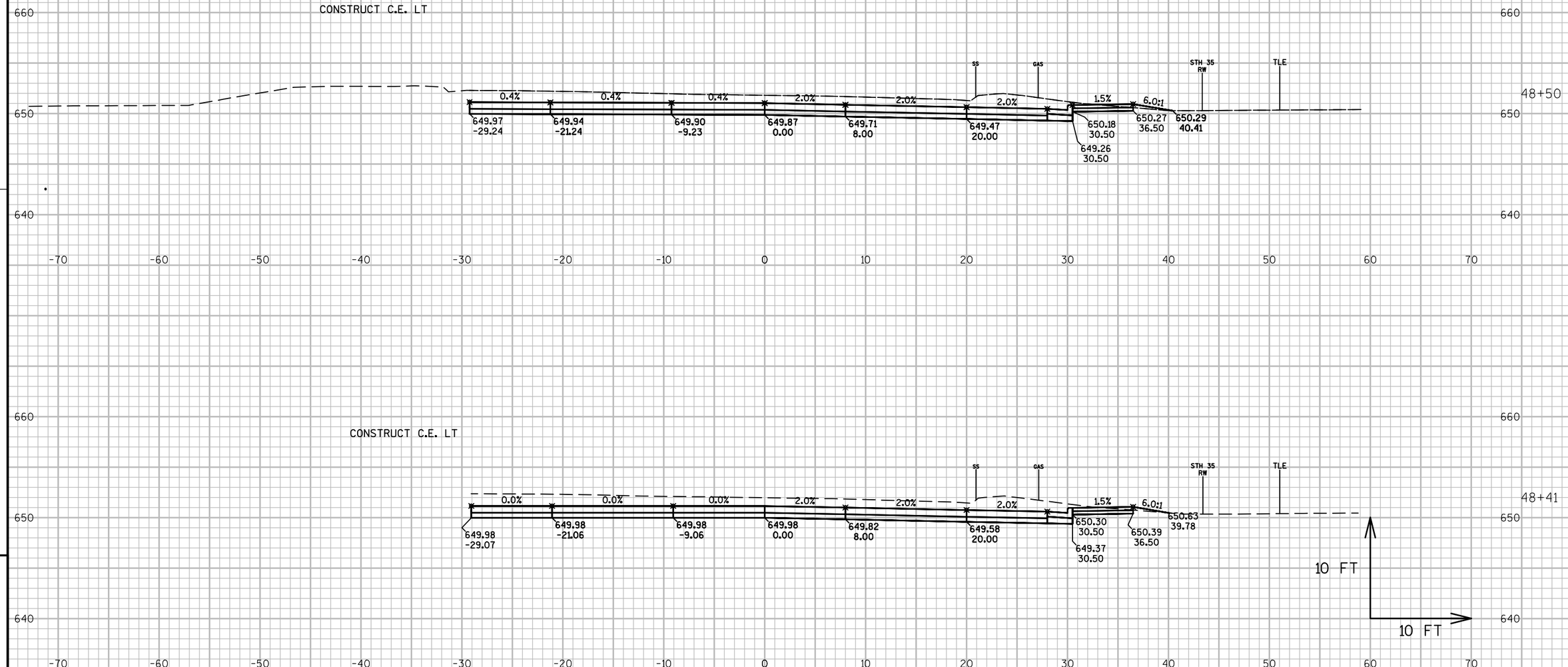
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 452	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 453	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090102_XS.DWG PLOT DATE : 7/24/2017 2:59 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

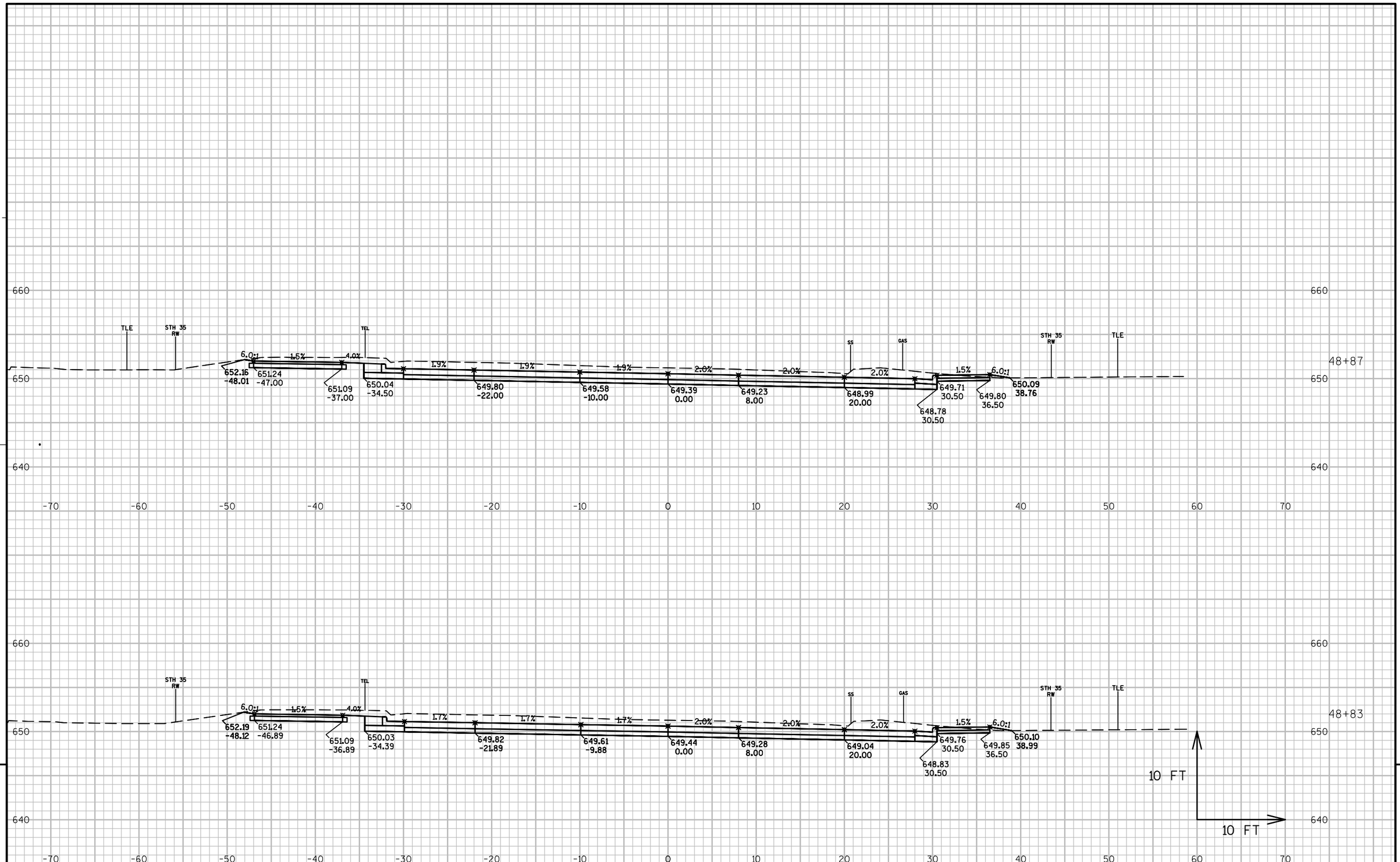
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 454	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090102_XS.DWG PLOT DATE : 7/24/2017 2:59 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

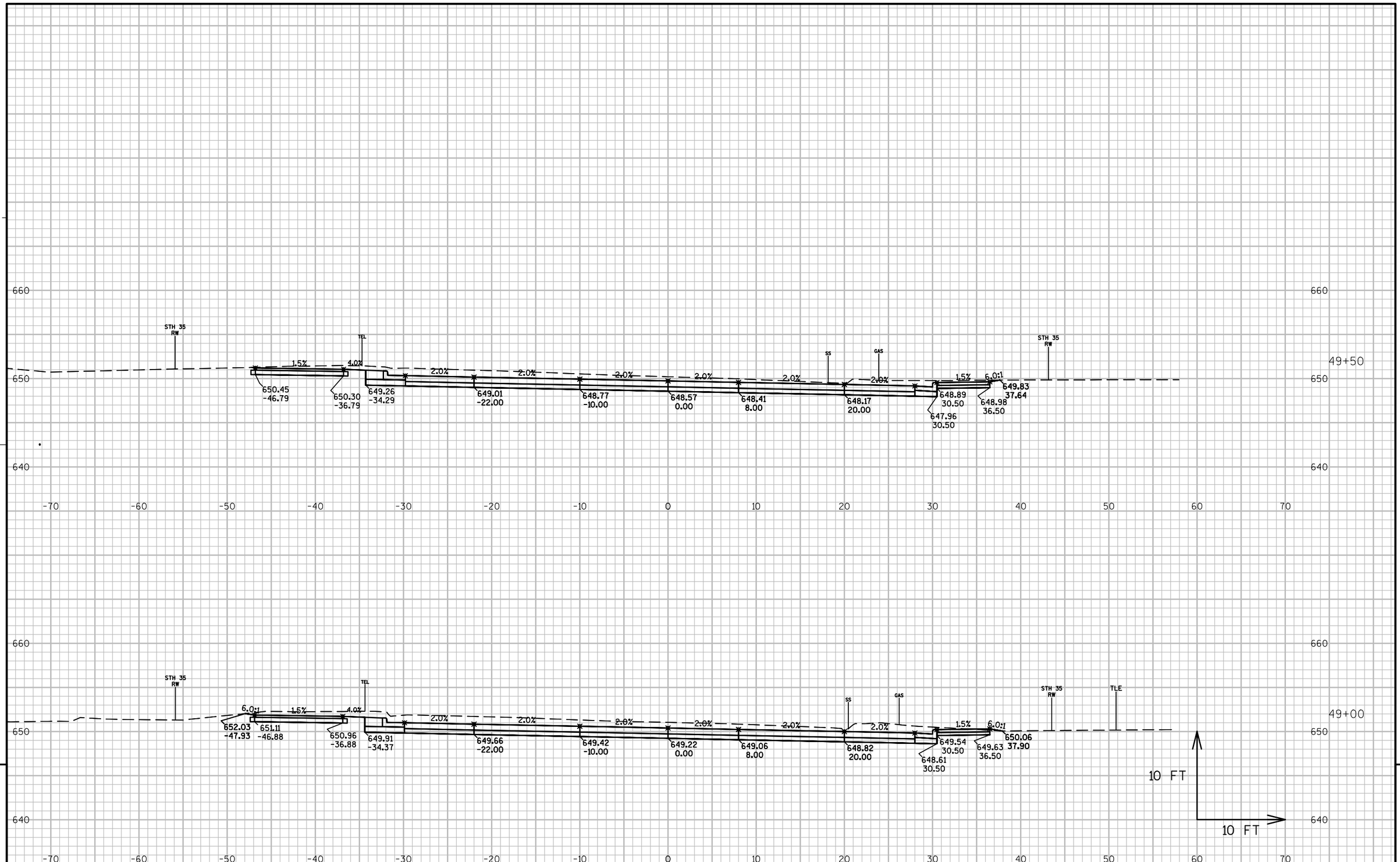
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 455	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090103_XS.DWG PLOT DATE : 7/24/2017 3:17 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

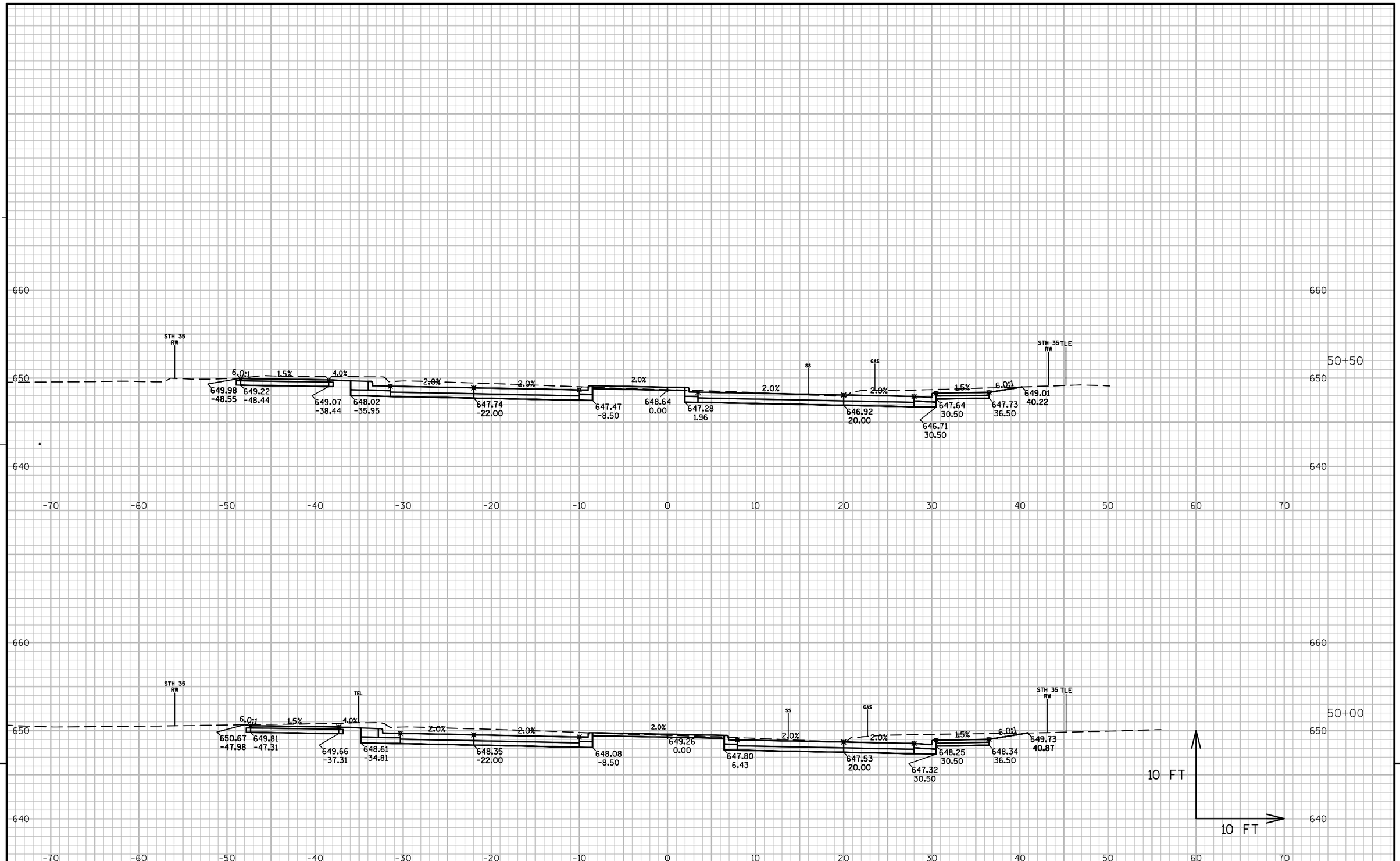
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 456	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090103_XS.DWG PLOT DATE : 7/24/2017 3:18 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

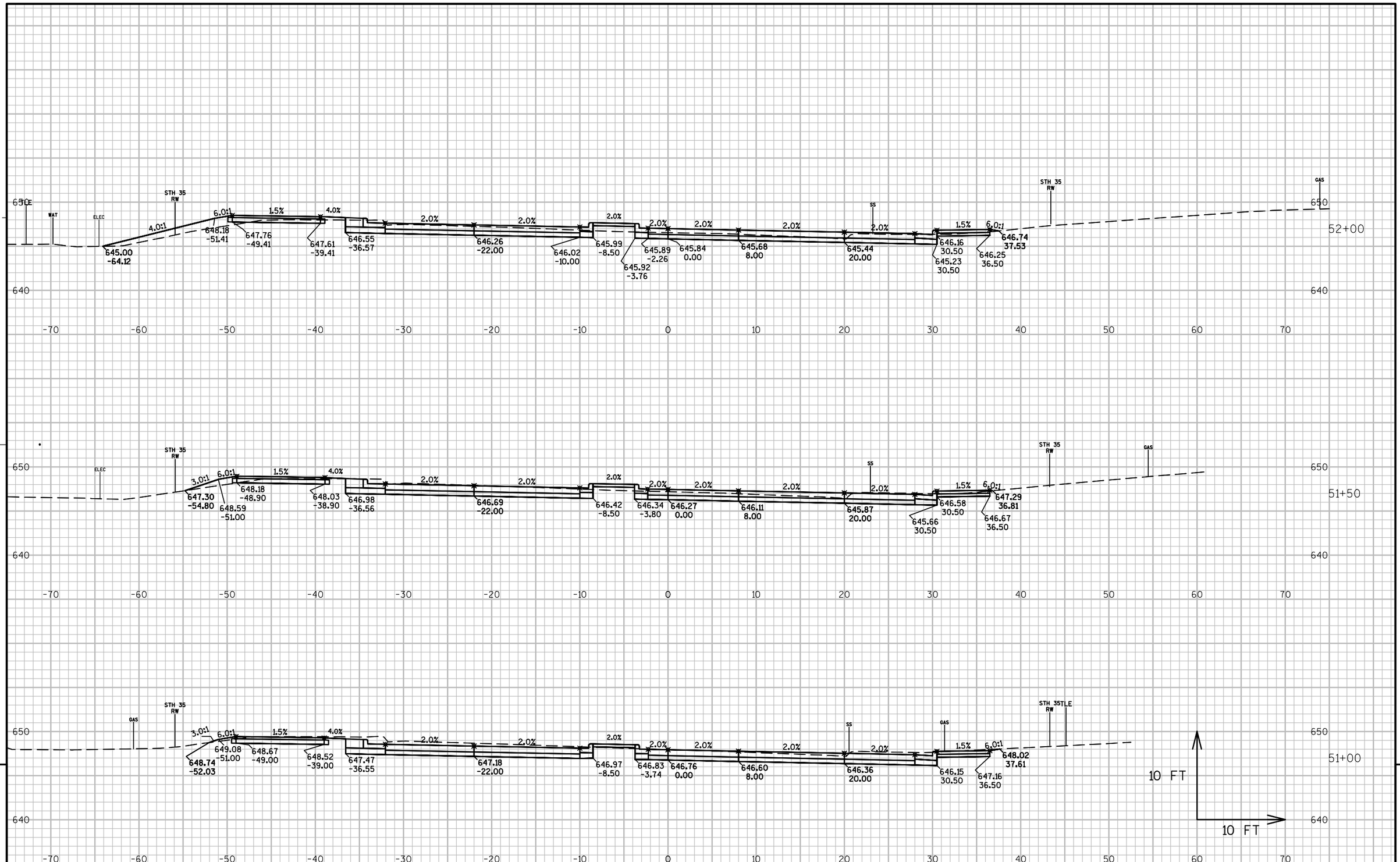
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 457	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090103_XS.DWG PLOT DATE : 7/24/2017 3:18 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



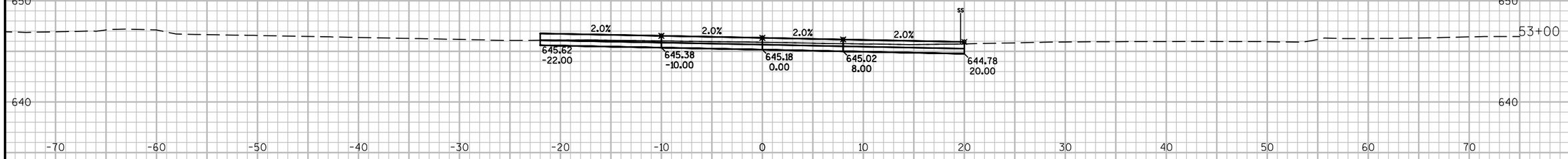
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 458	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090103_XS.DWG PLOT DATE : 7/24/2017 3:18 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

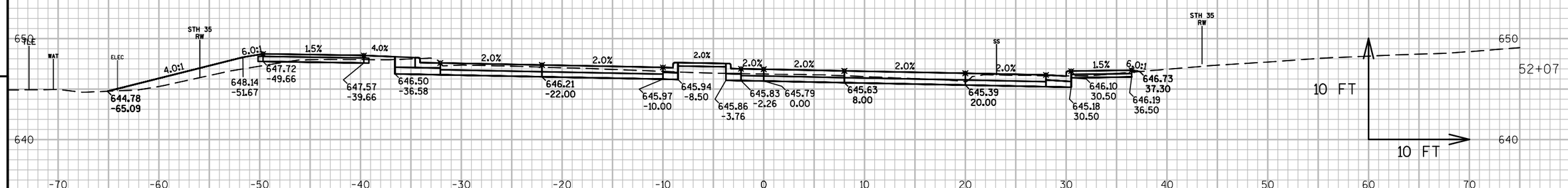
SEE PARRISH ST INTERSECTION DETAIL

SEE PARRISH ST INTERSECTION DETAIL



SEE PARRISH ST INTERSECTION DETAIL

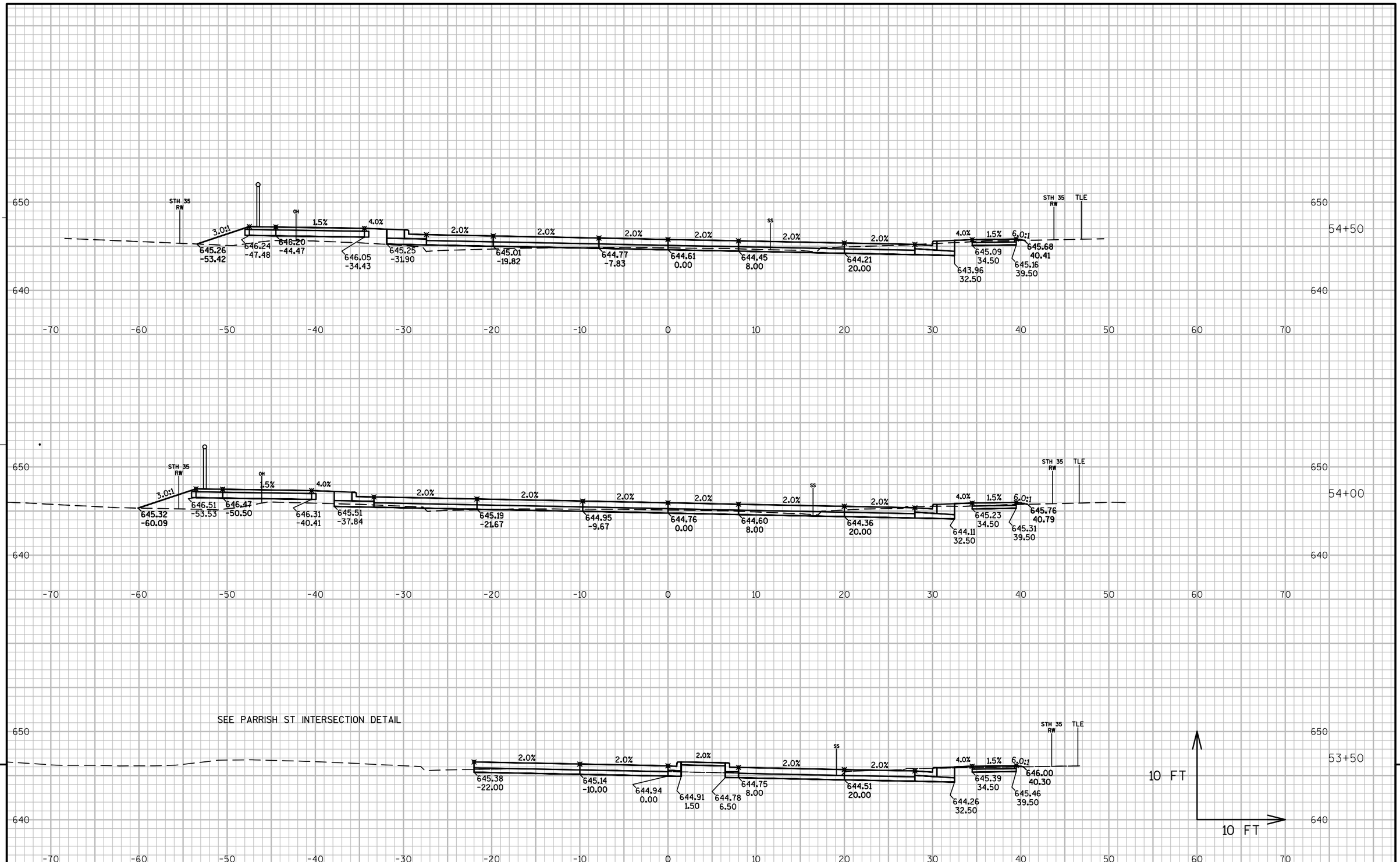
SEE PARRISH ST INTERSECTION DETAIL



9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 459	E

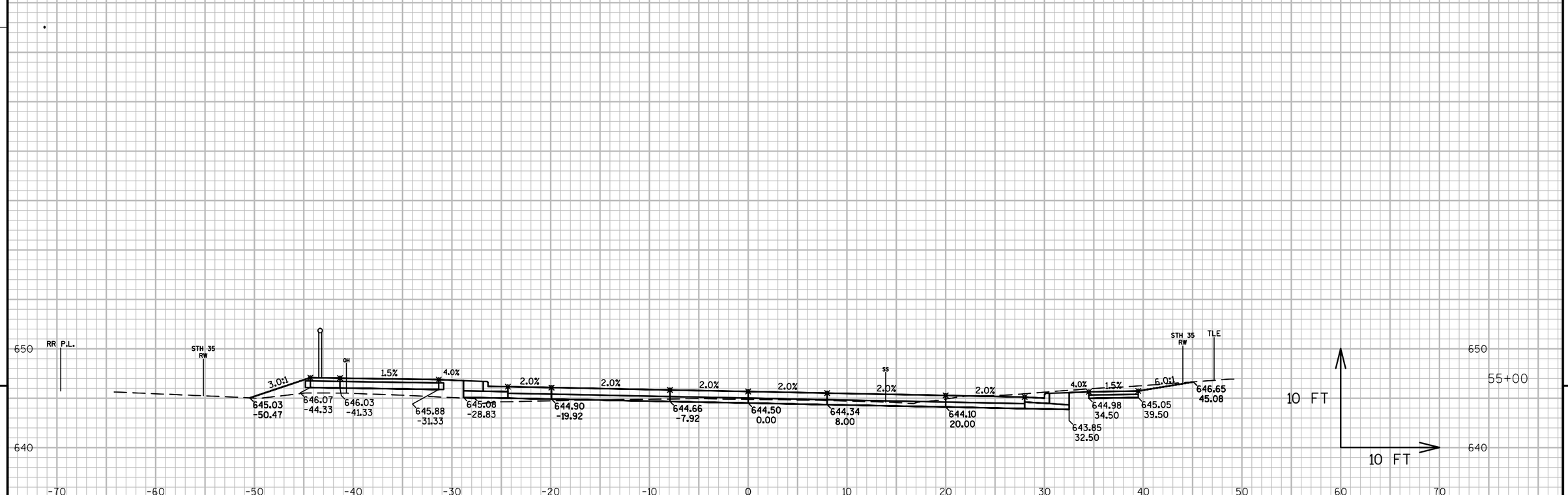


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 460	E

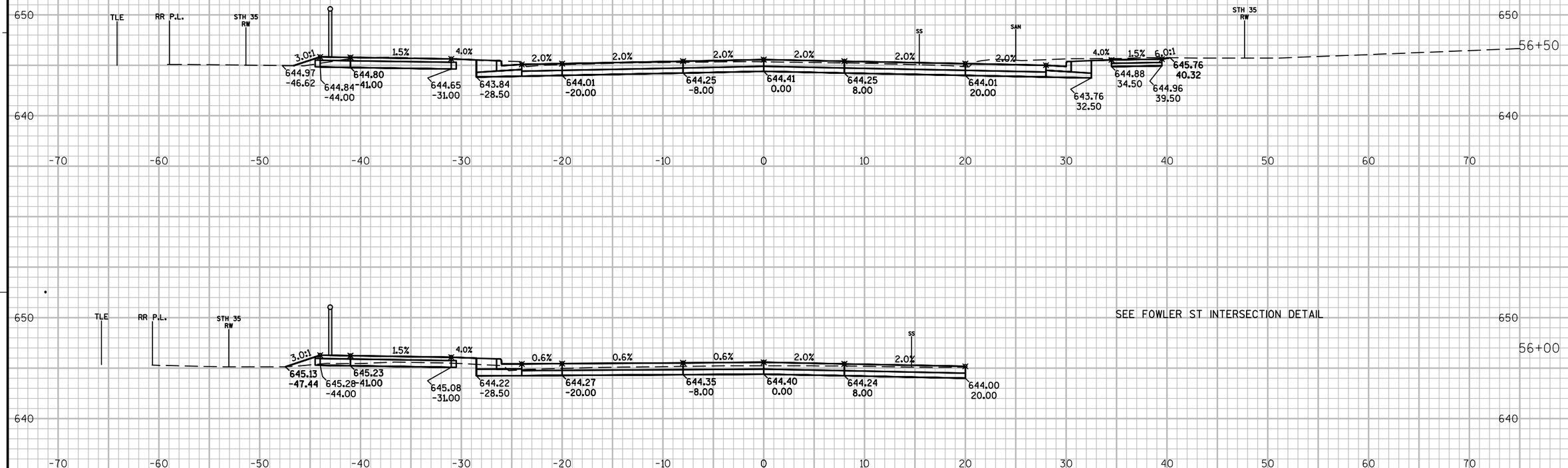
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090103_XS.DWG PLOT DATE : 7/24/2017 3:18 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

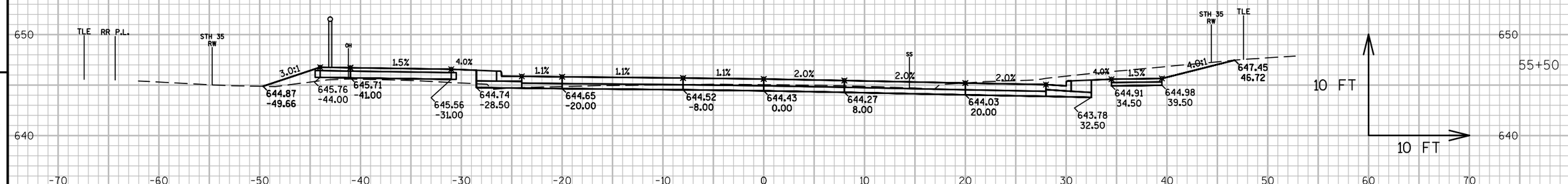


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 461	E

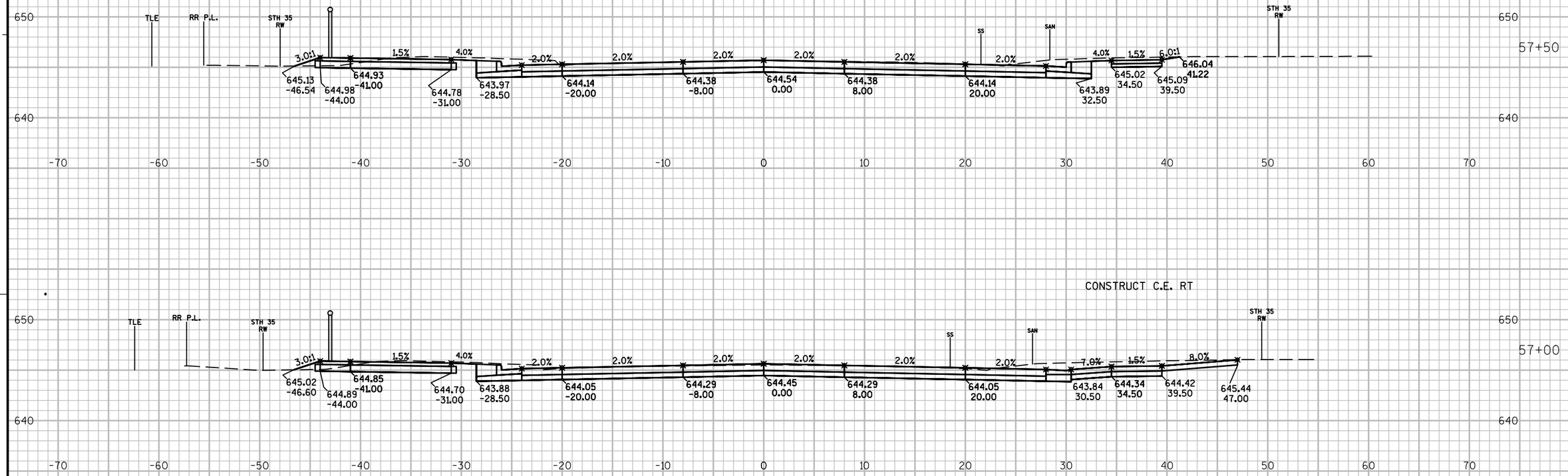


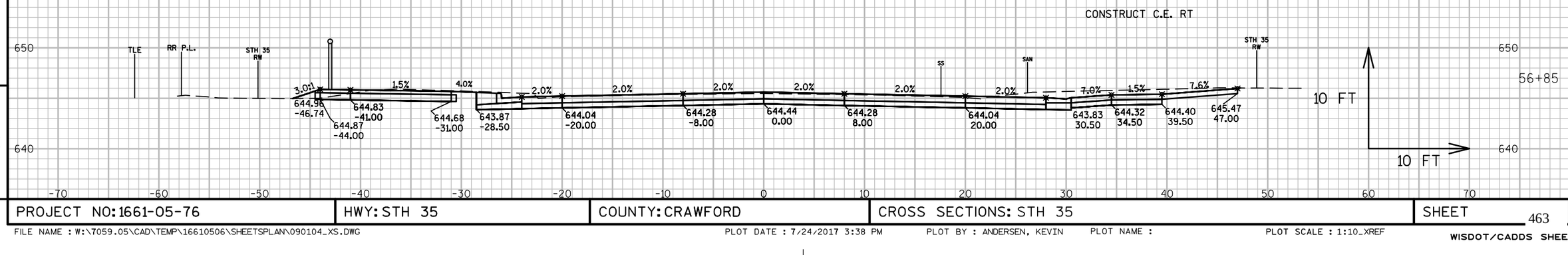


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 462	E



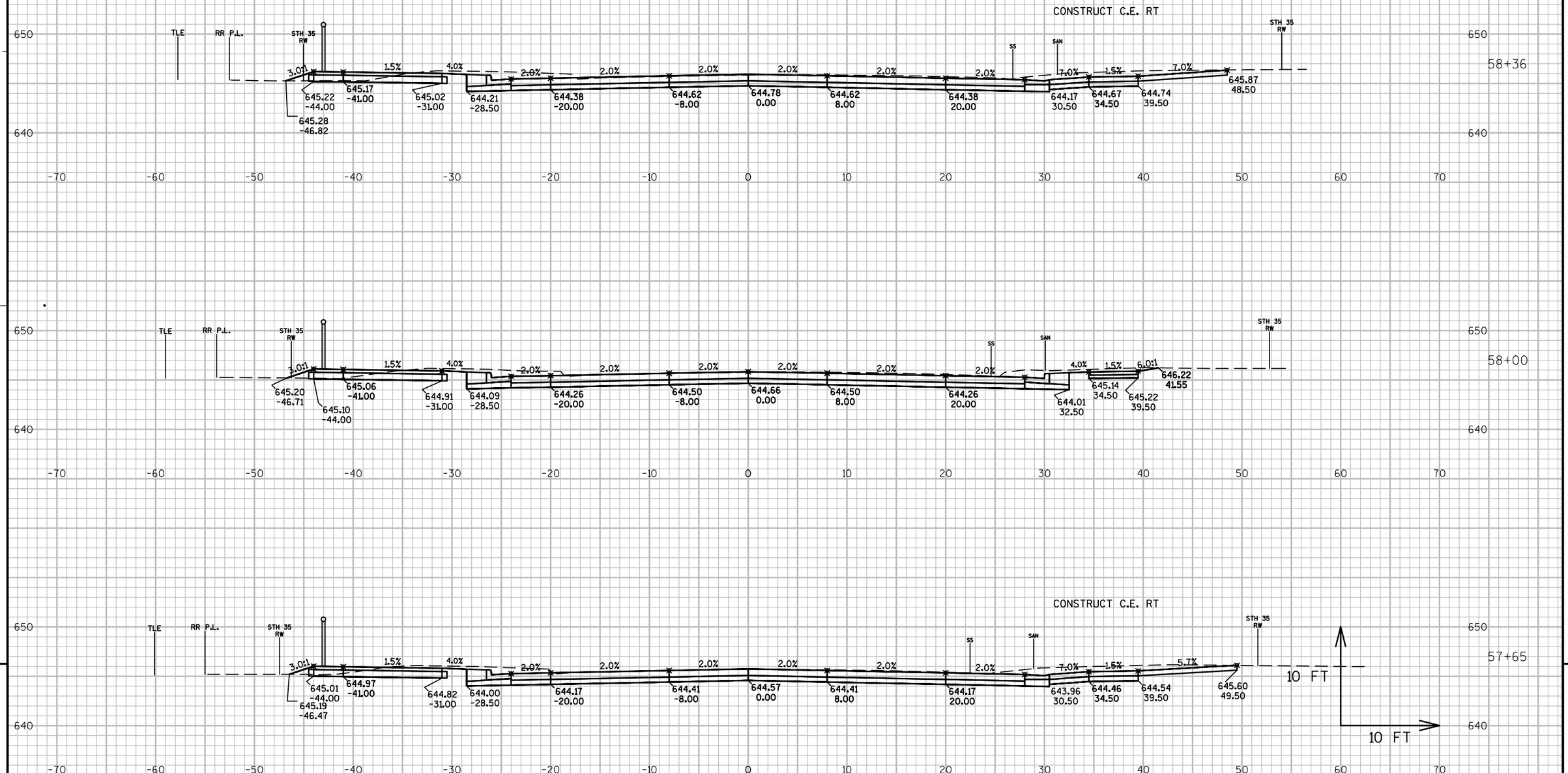


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 463	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090104_XS.DWG PLOT DATE : 7/24/2017 3:38 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



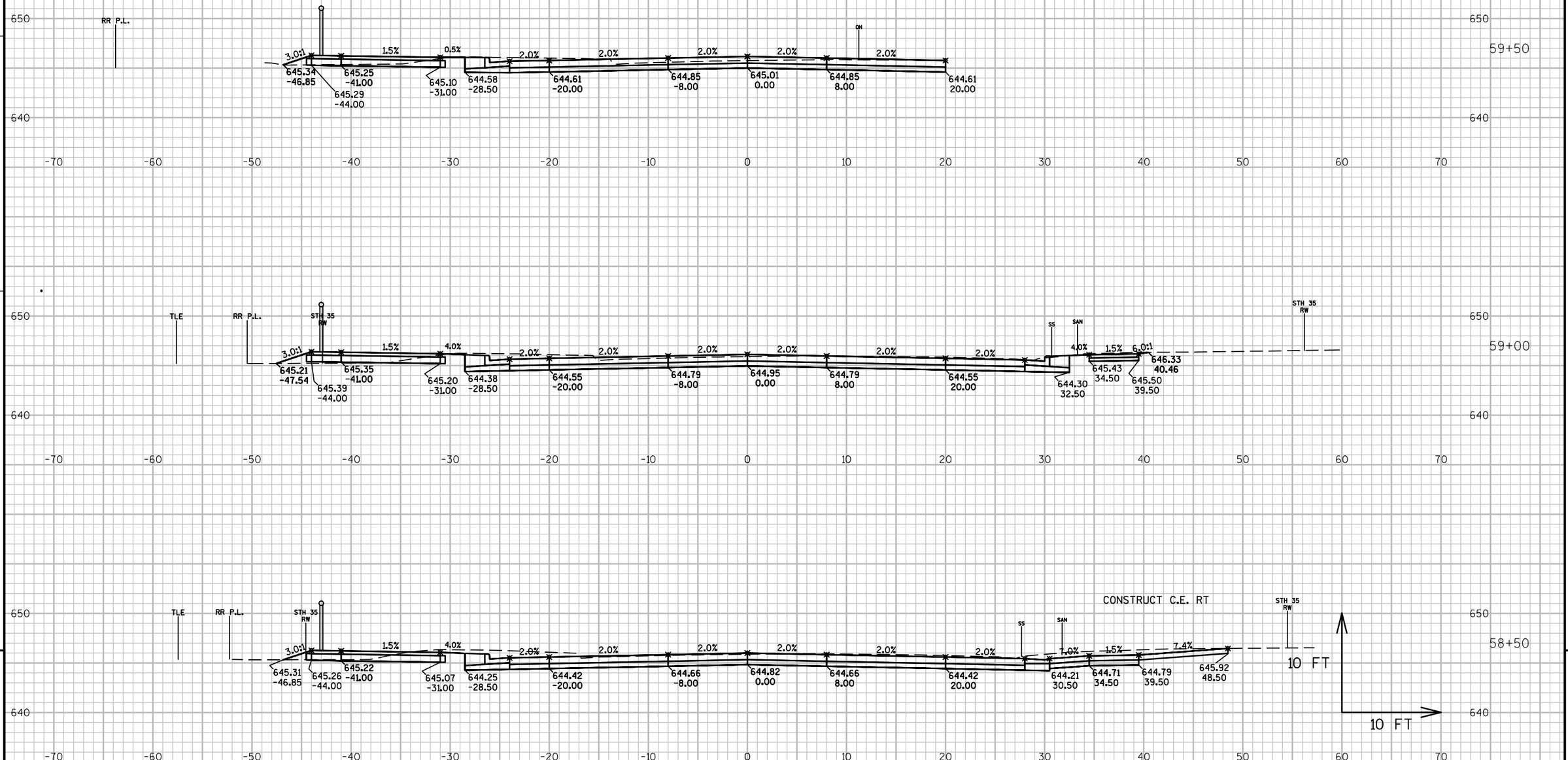
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 464	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090104_XS.DWG PLOT DATE : 7/24/2017 3:39 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

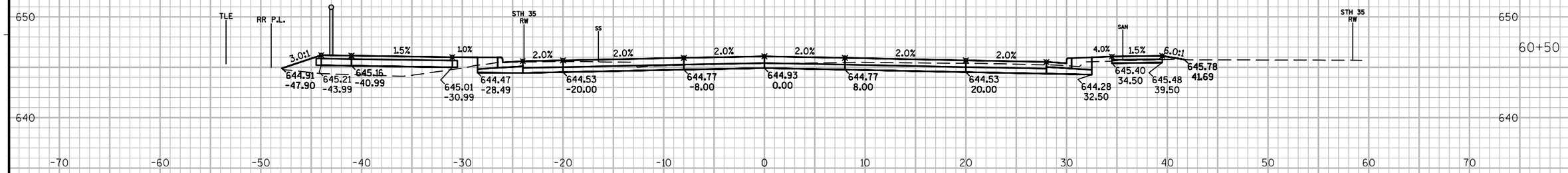
SEE BRUNSON ST INTERSECTION DETAIL

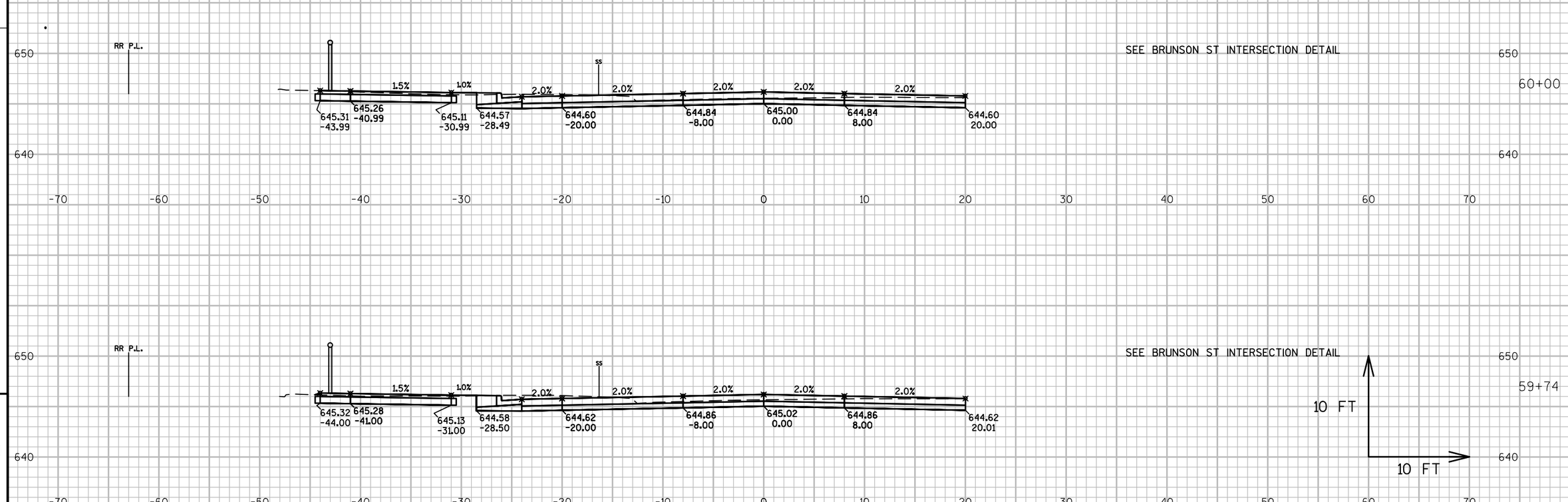


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 465	E

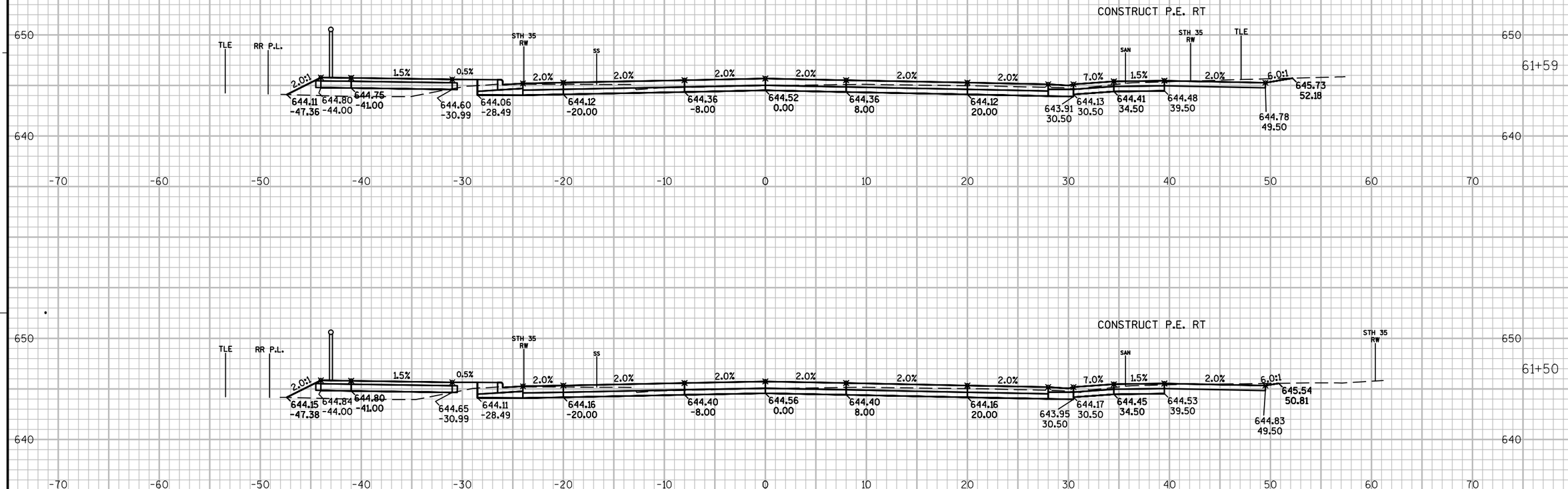


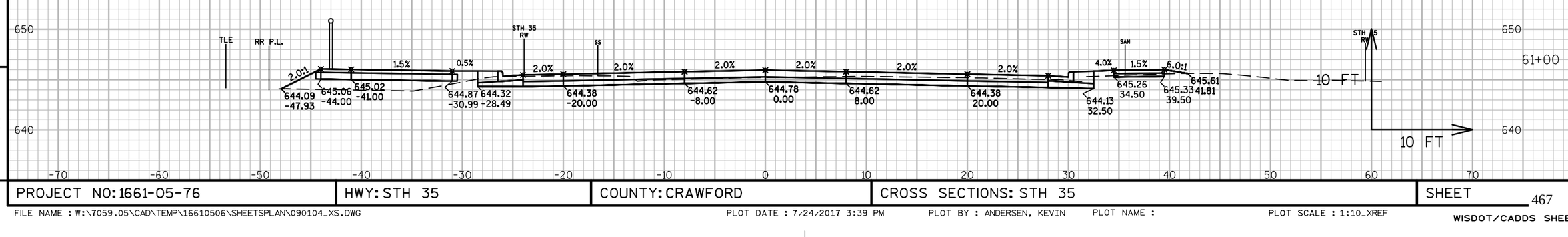


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 466	E

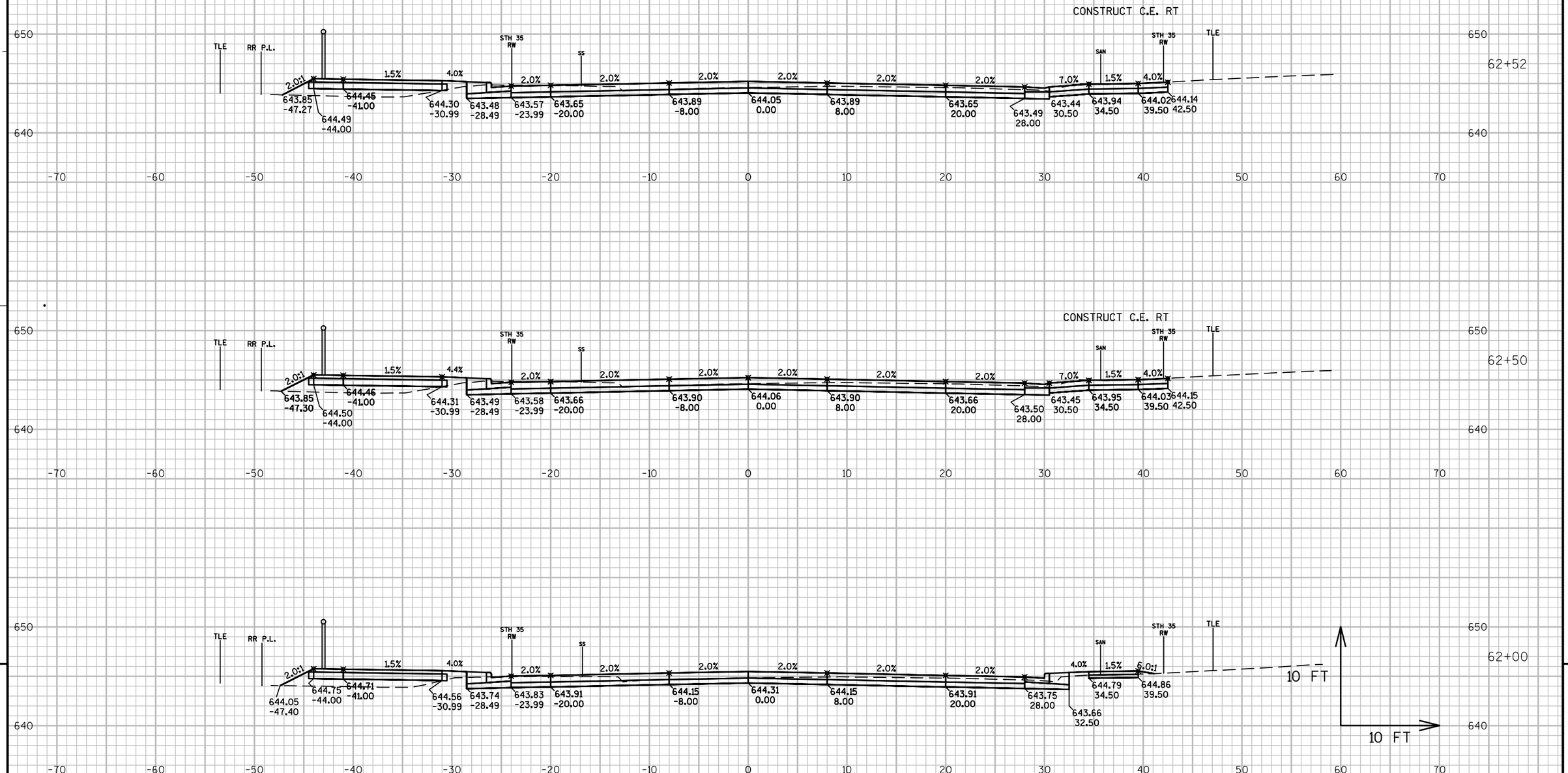




9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 467	E

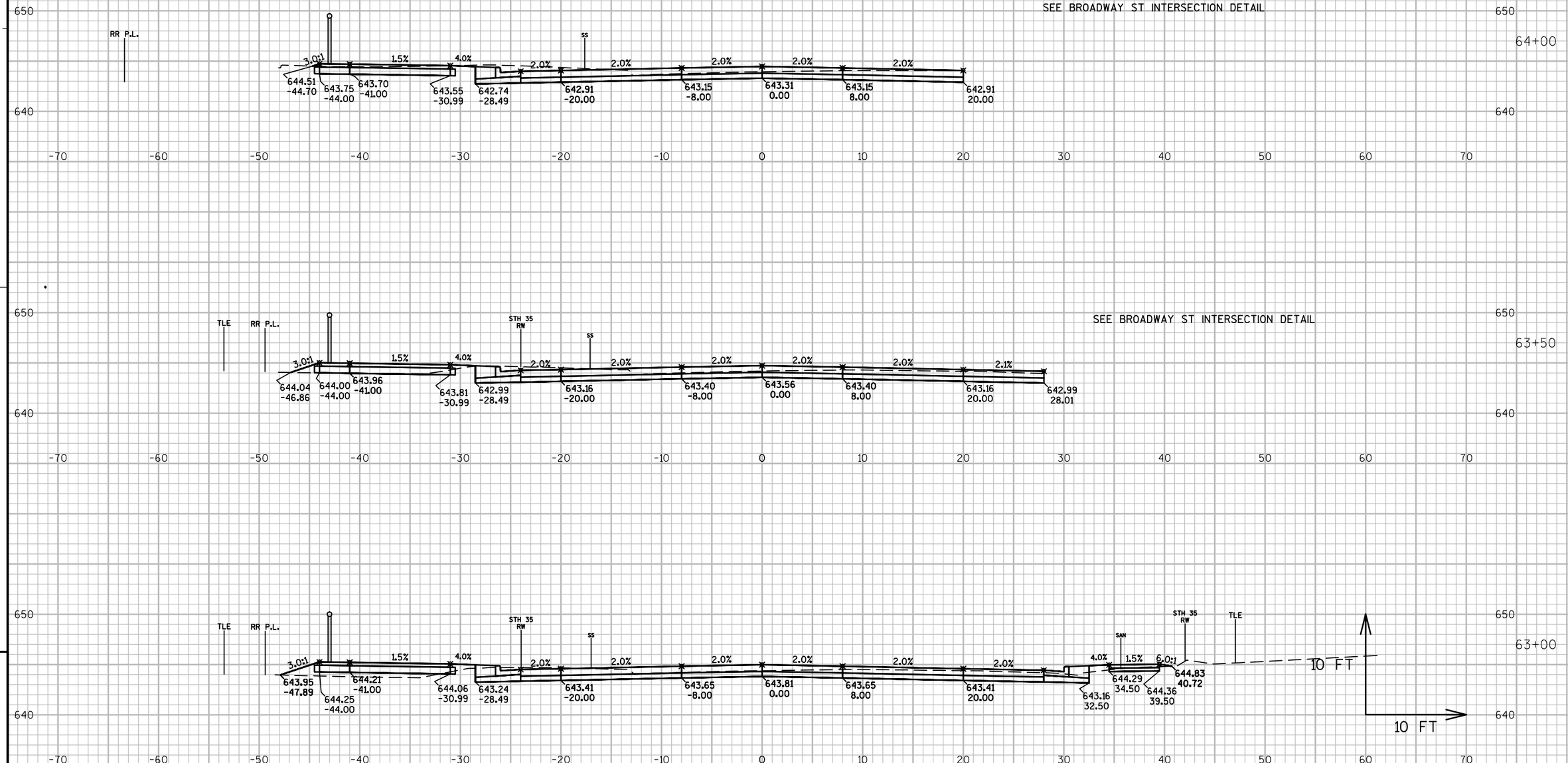


9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 468	E

9

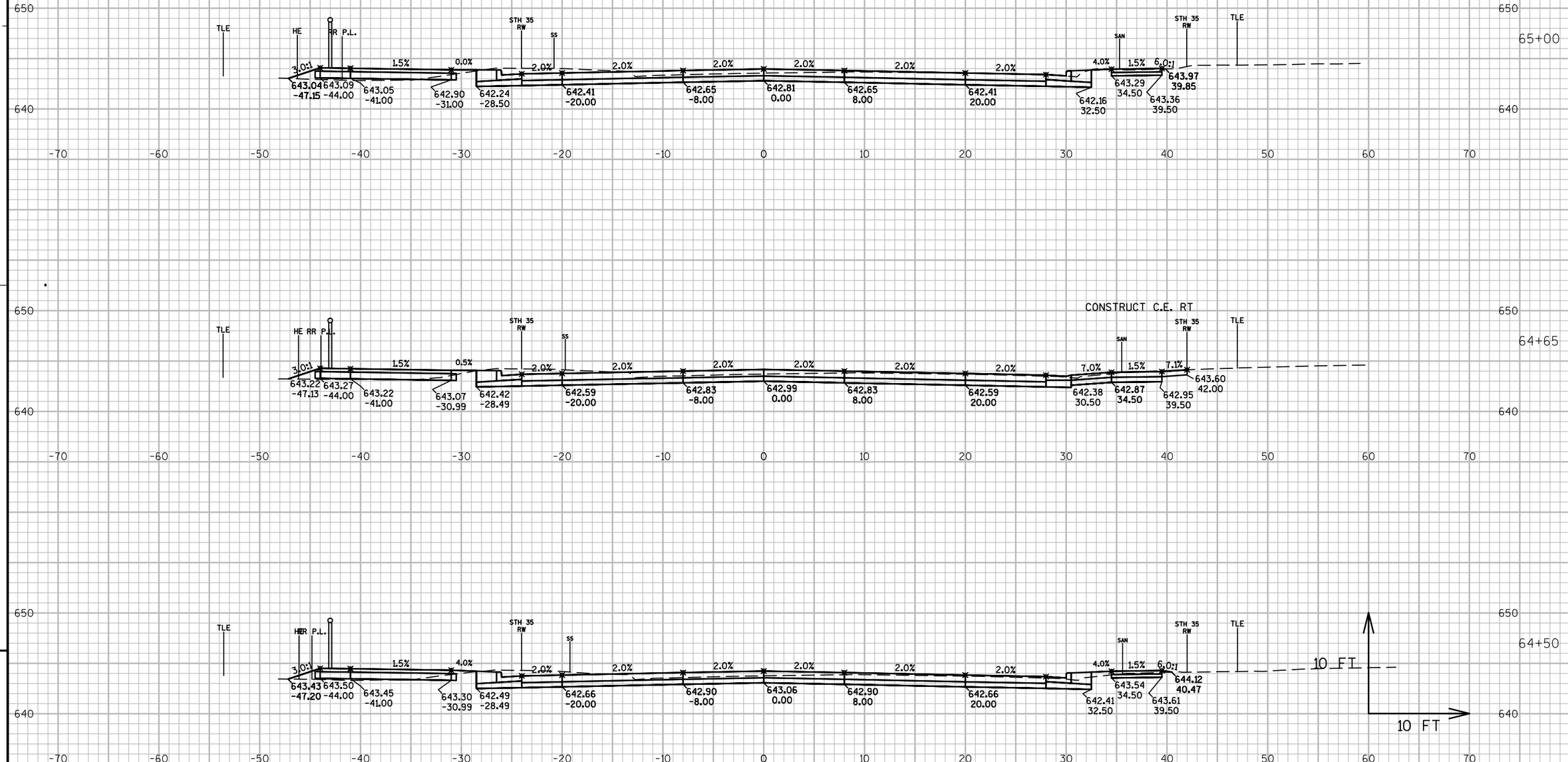
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 469	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

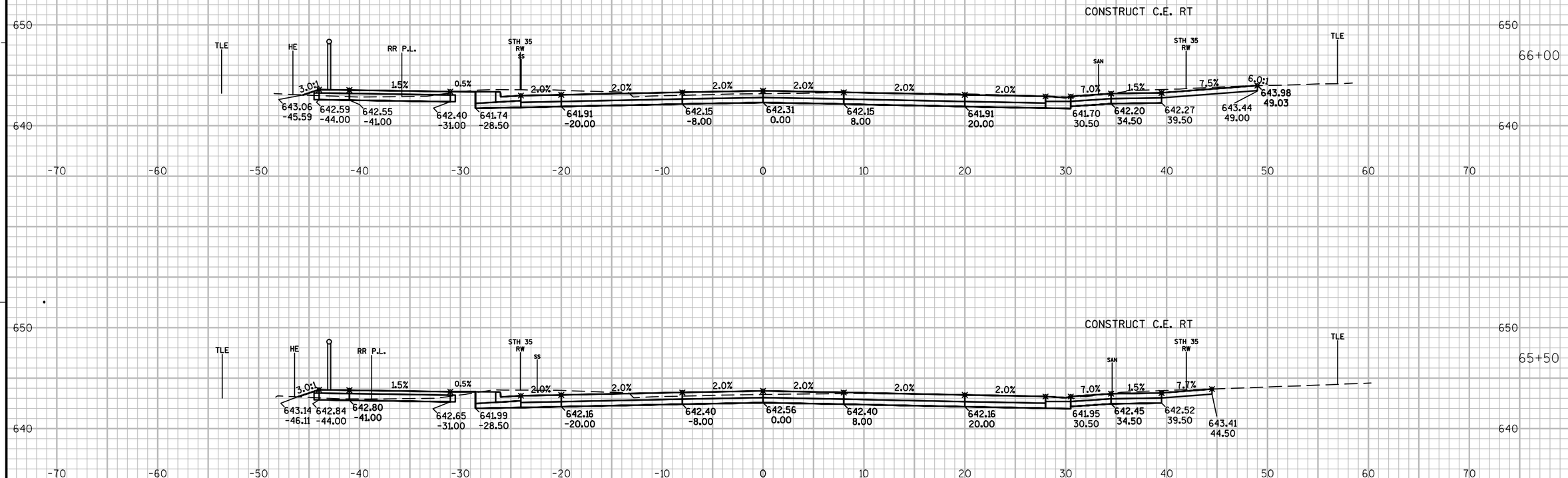


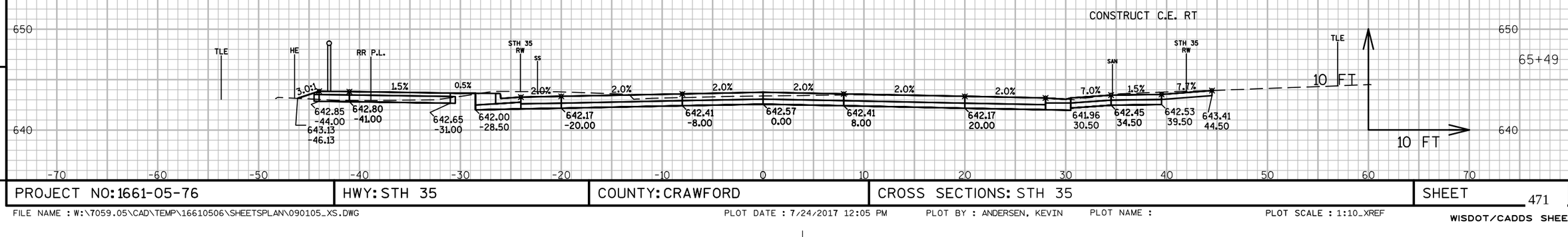
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 470	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF





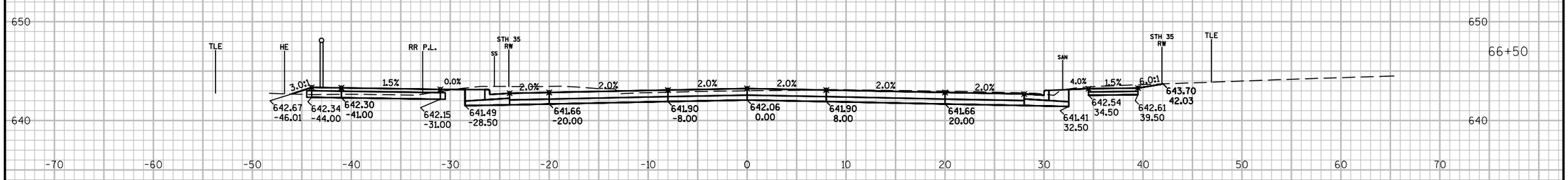
9

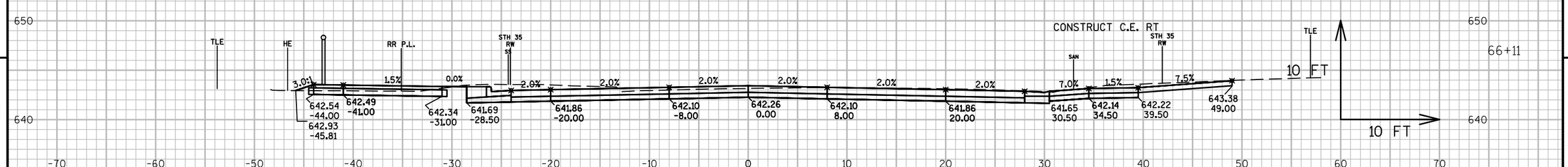
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 471	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49





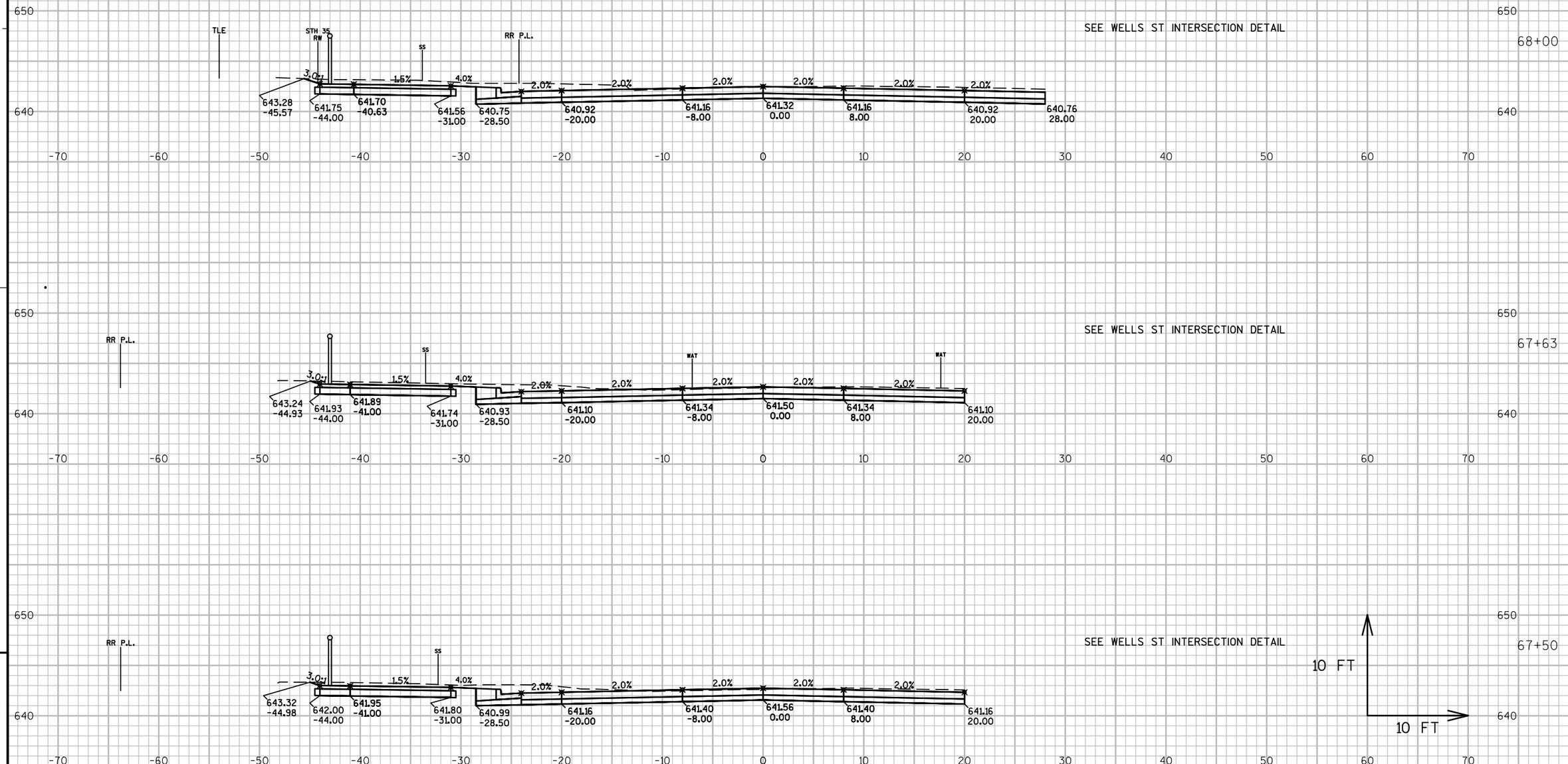
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 472	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



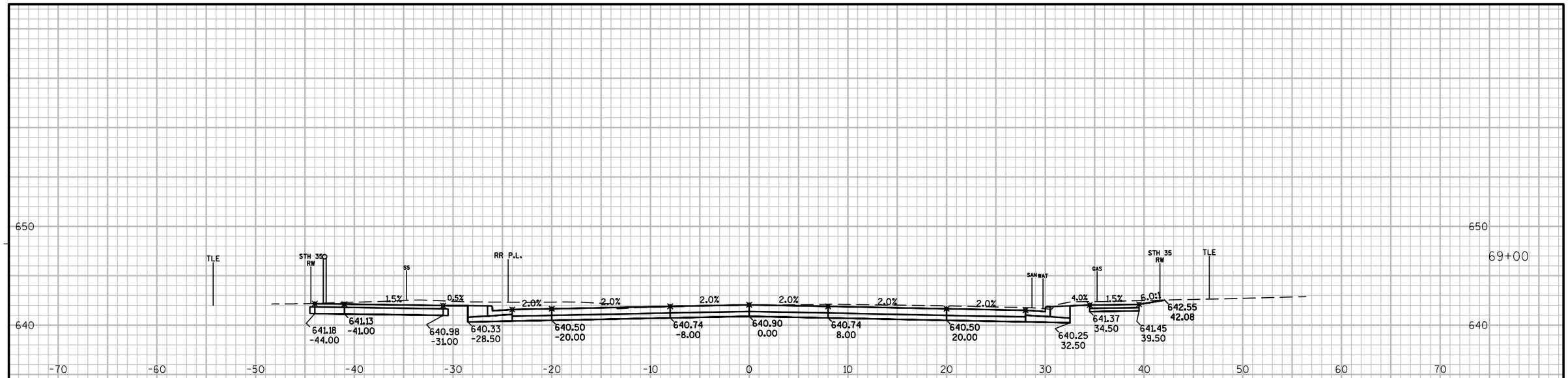
9

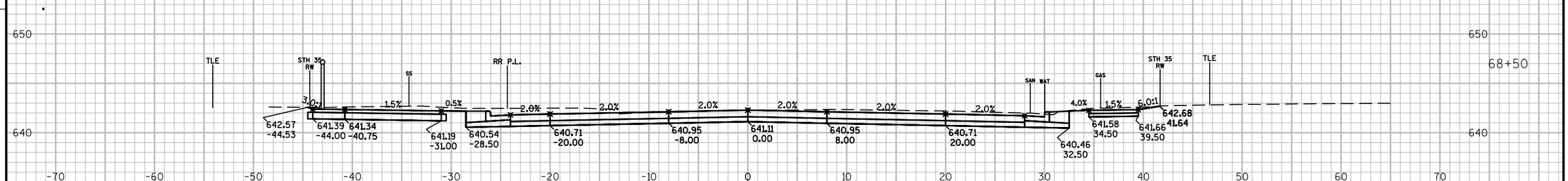
9

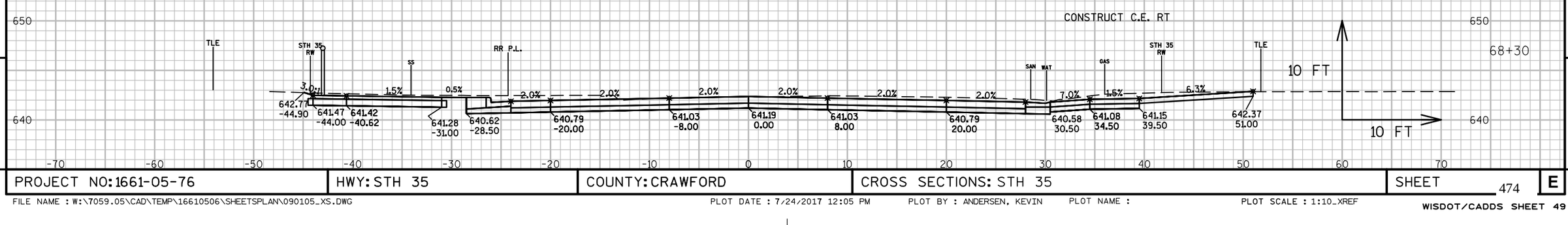
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 473	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:05 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



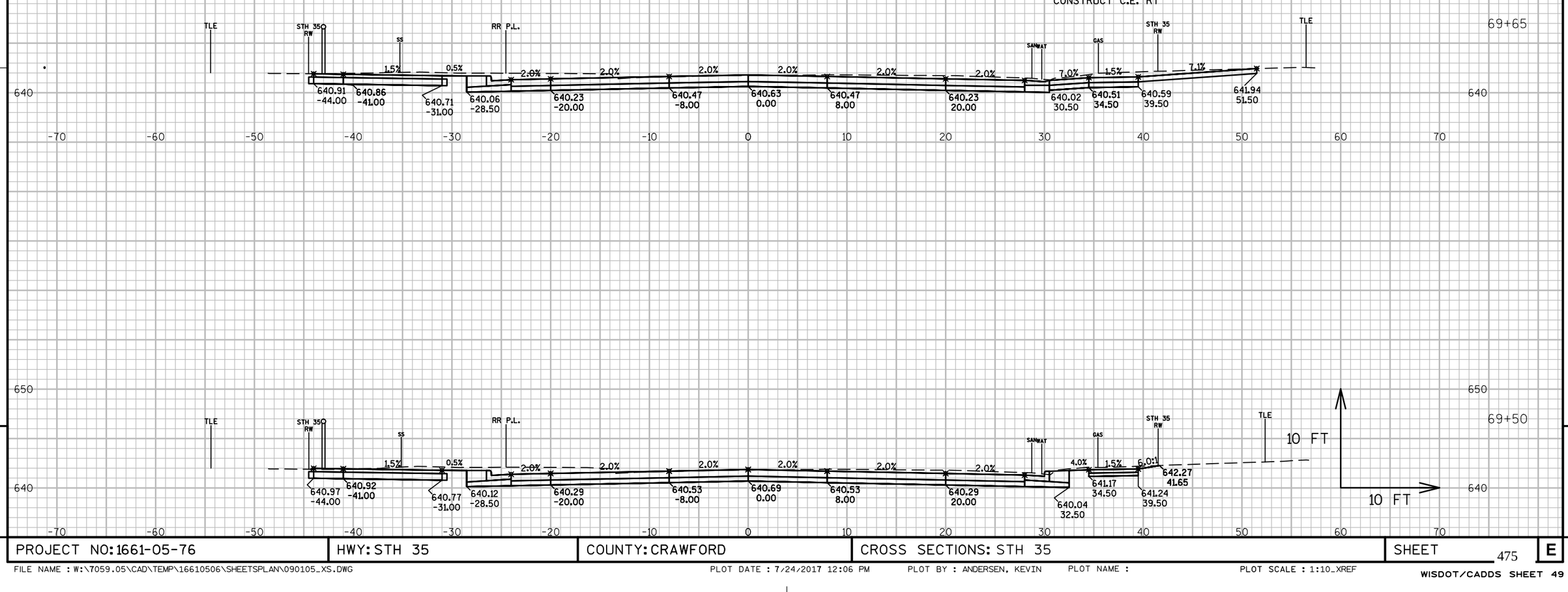




9

9

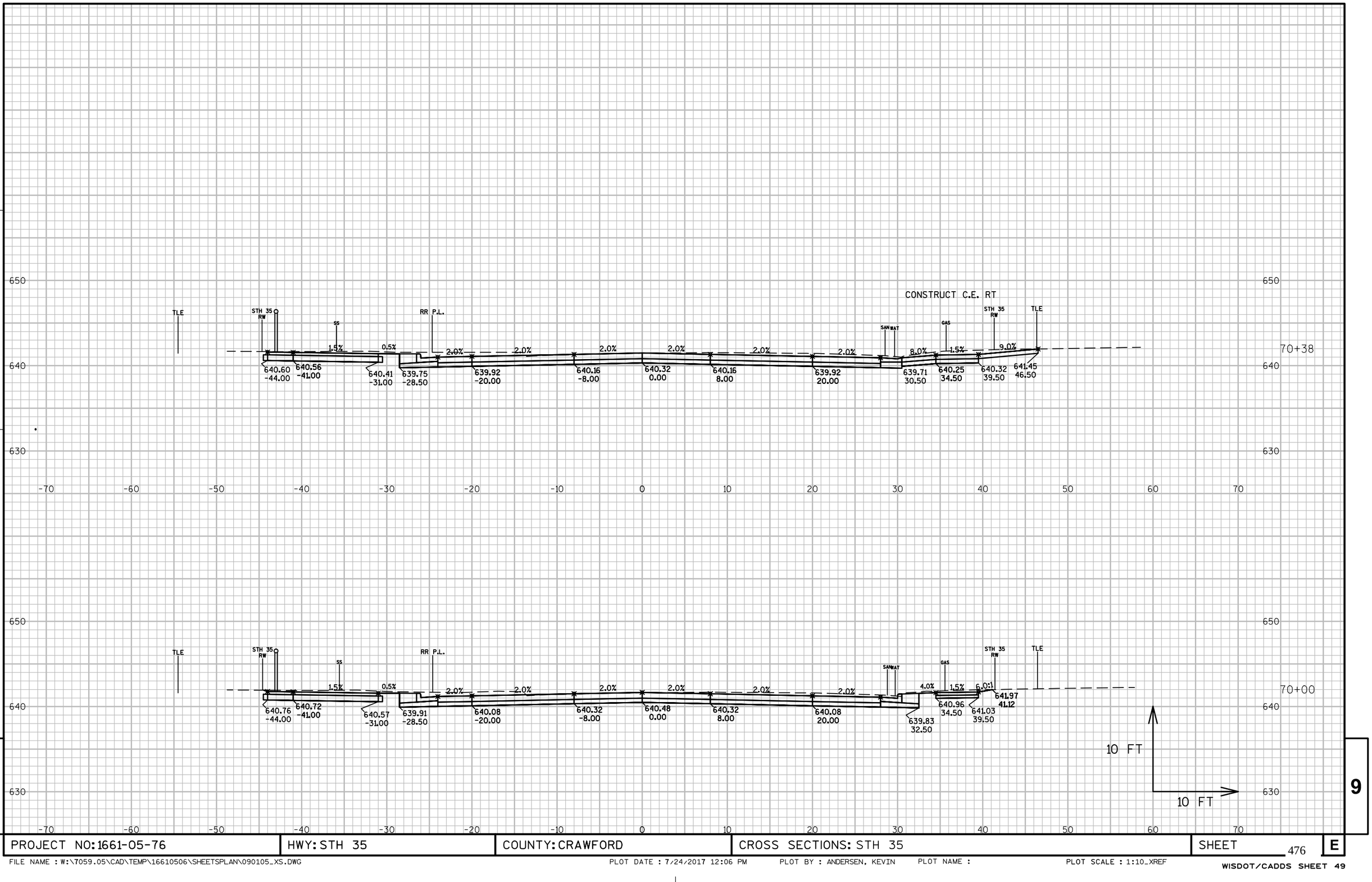
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 474	E



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 475	E

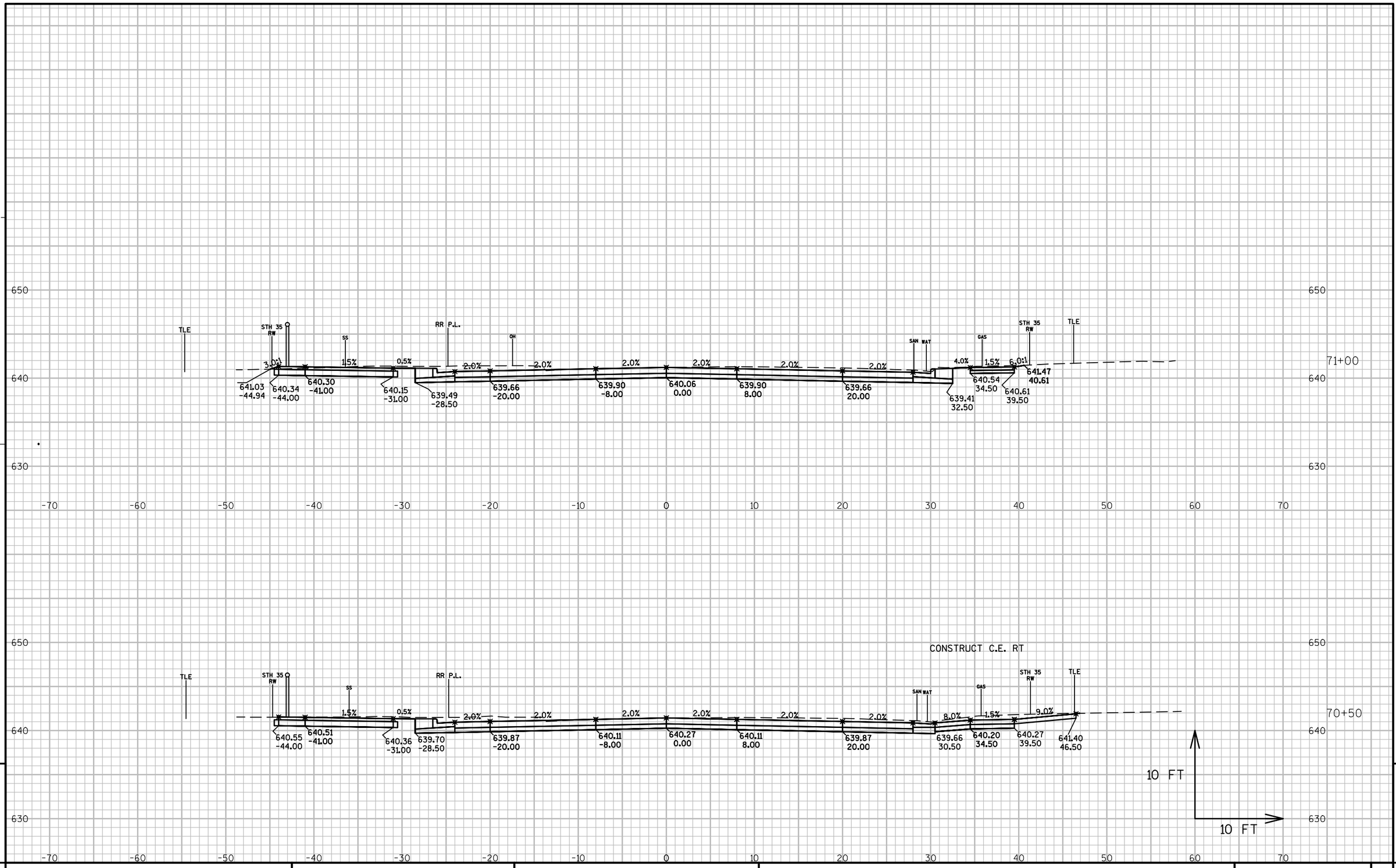
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:06 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 476	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:06 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

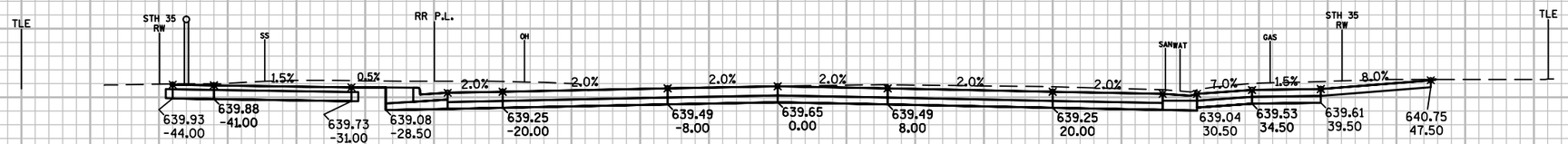


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 477	E

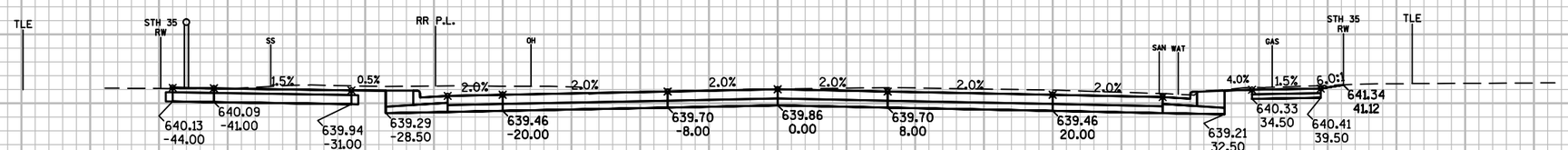
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:06 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

CONSTRUCT C.E. RT



72+00



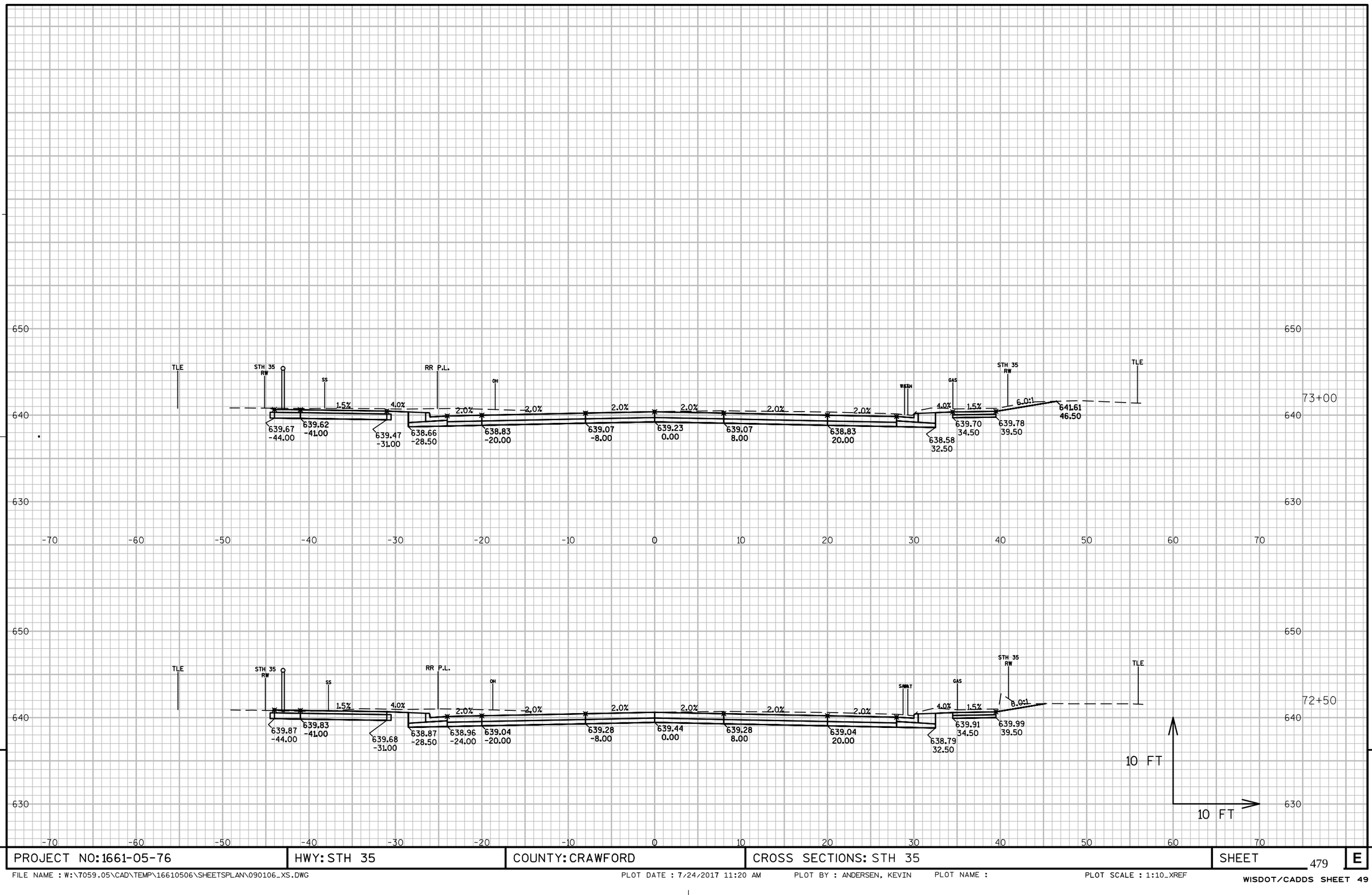
71+50

10 FT
10 FT

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 478	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090105_XS.DWG PLOT DATE : 7/24/2017 12:06 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



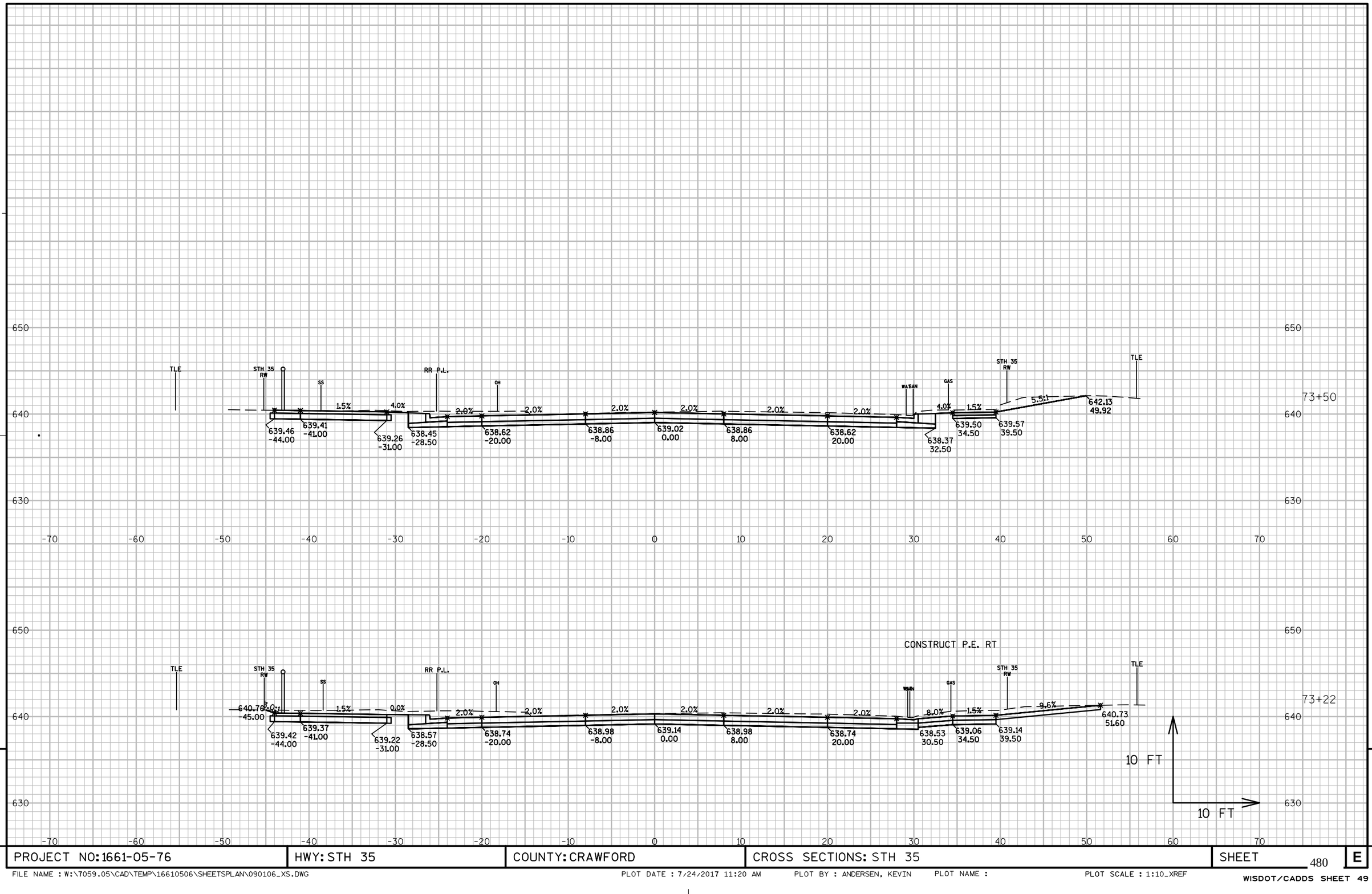
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 479	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:20 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

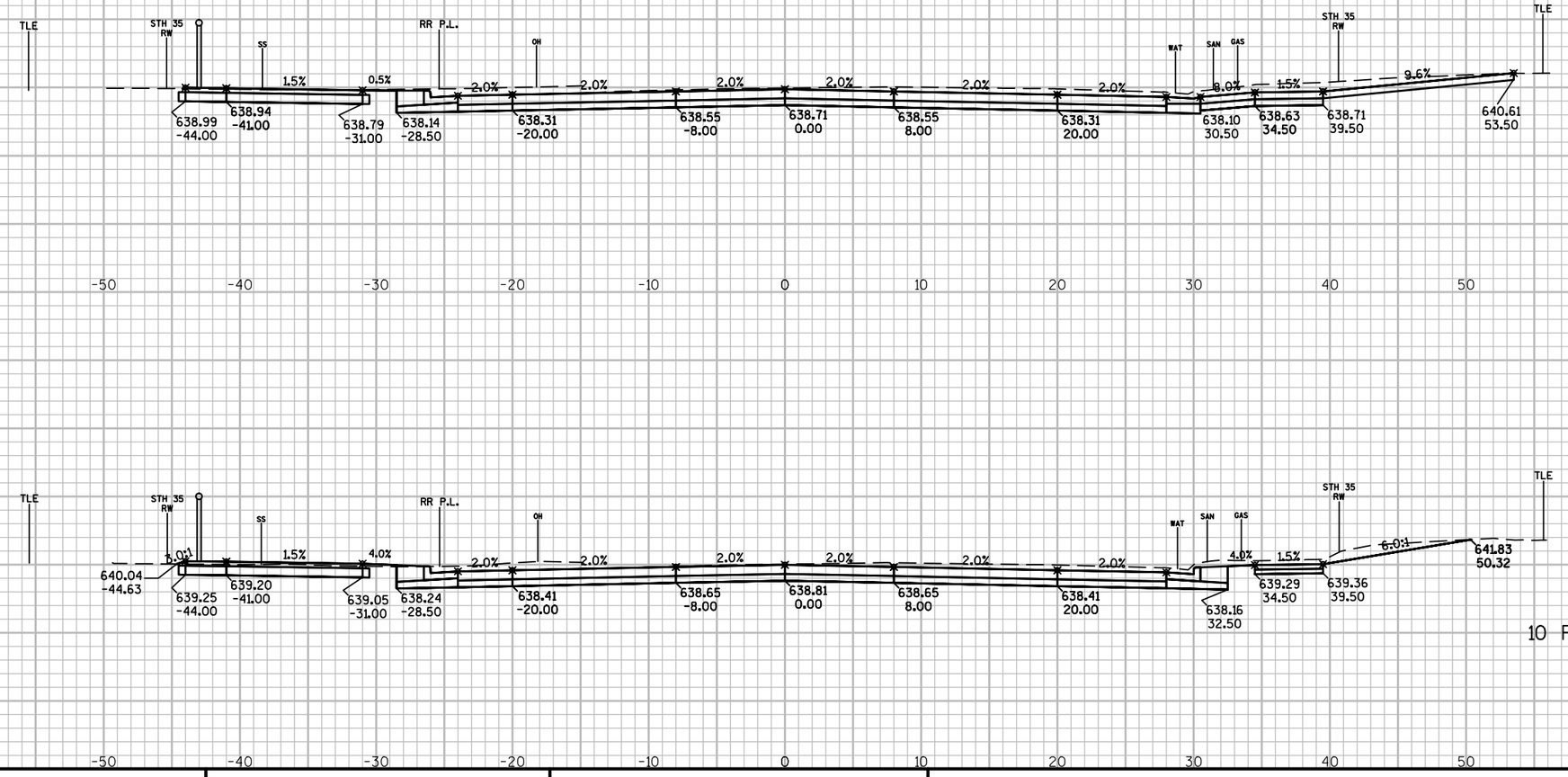
WISDOT/CADDS SHEET 49



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 480	E

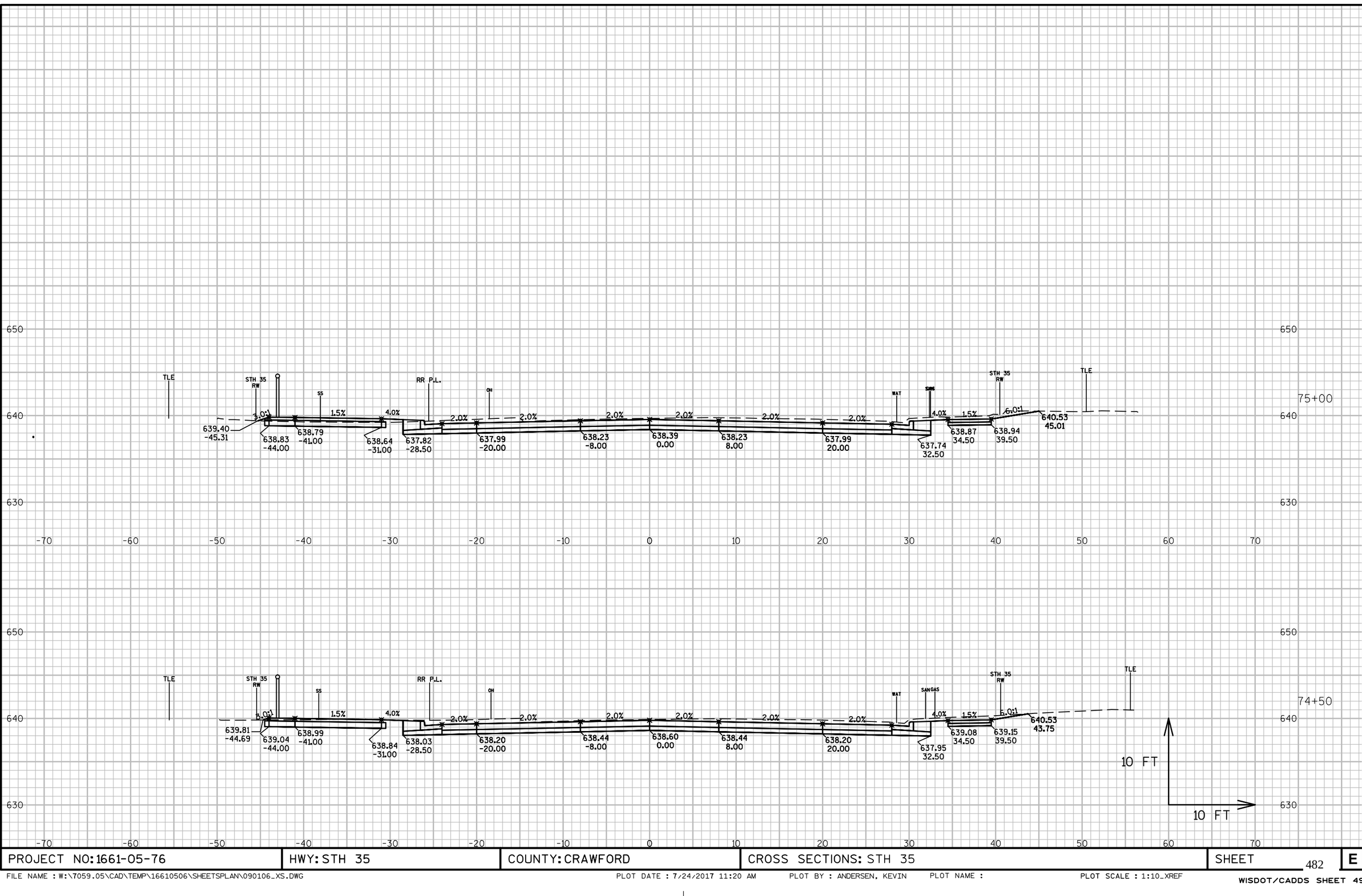
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:20 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

CONSTRUCT P.E. RT



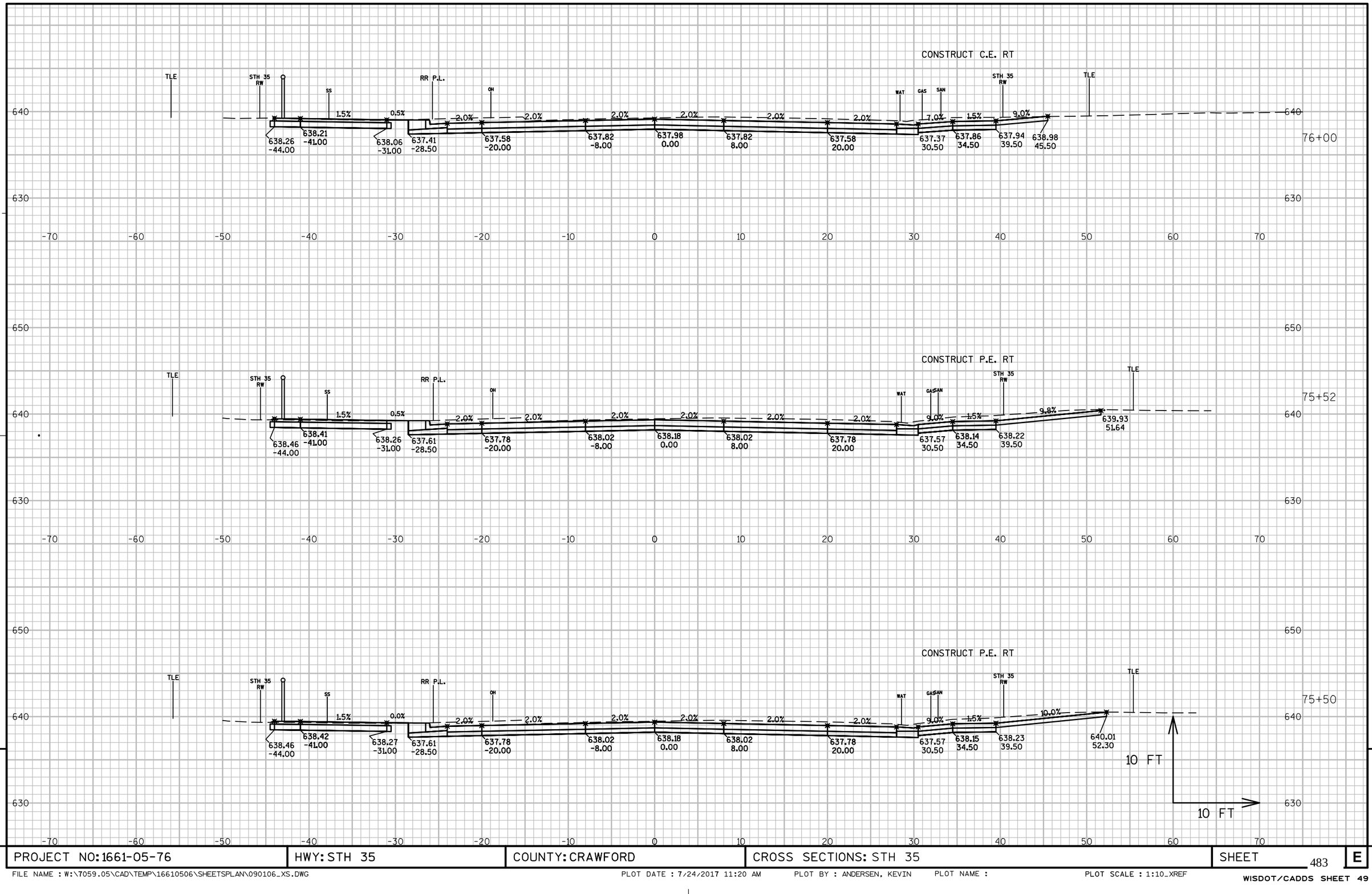
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 481	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:20 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 482	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:20 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

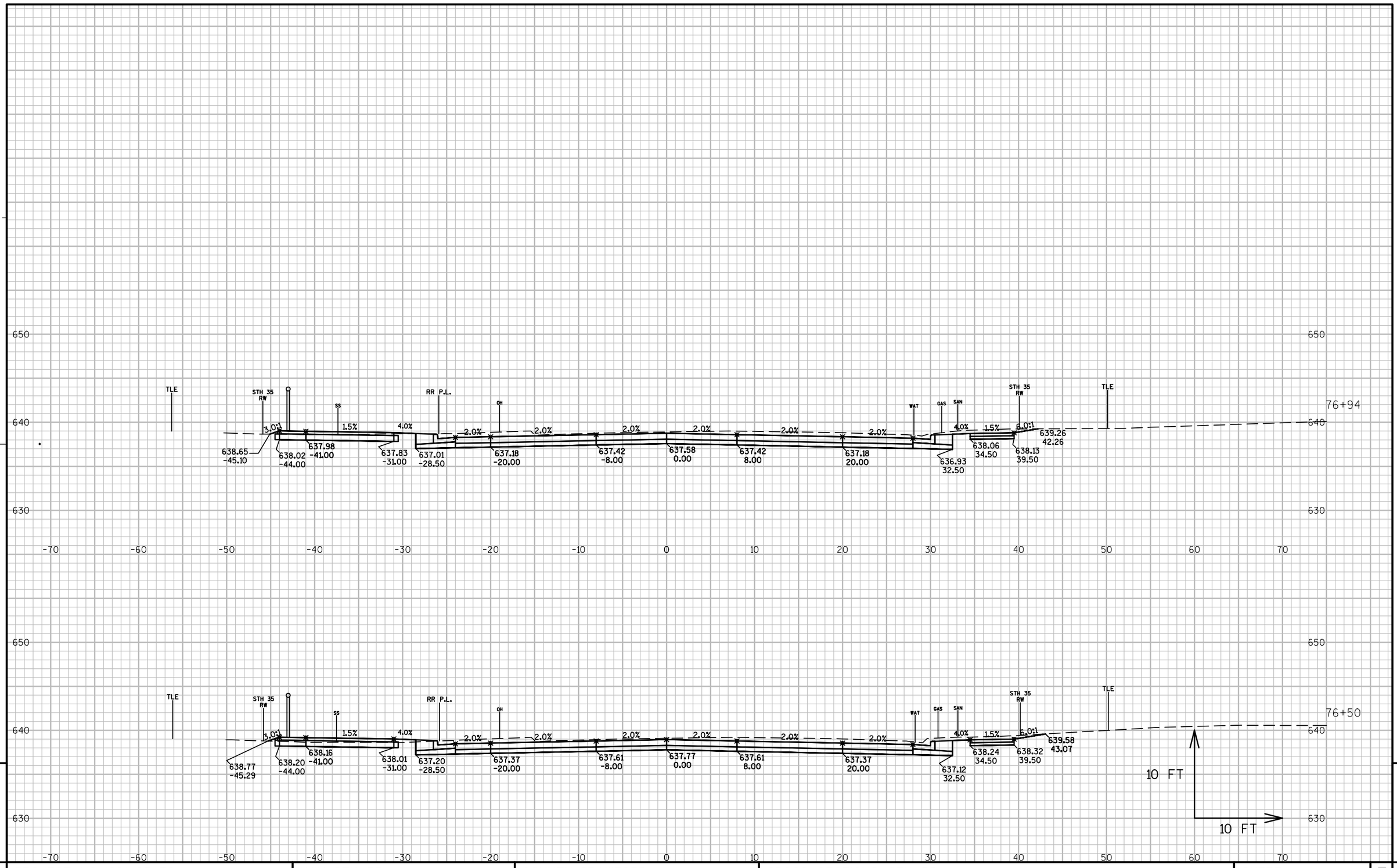


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 483	E

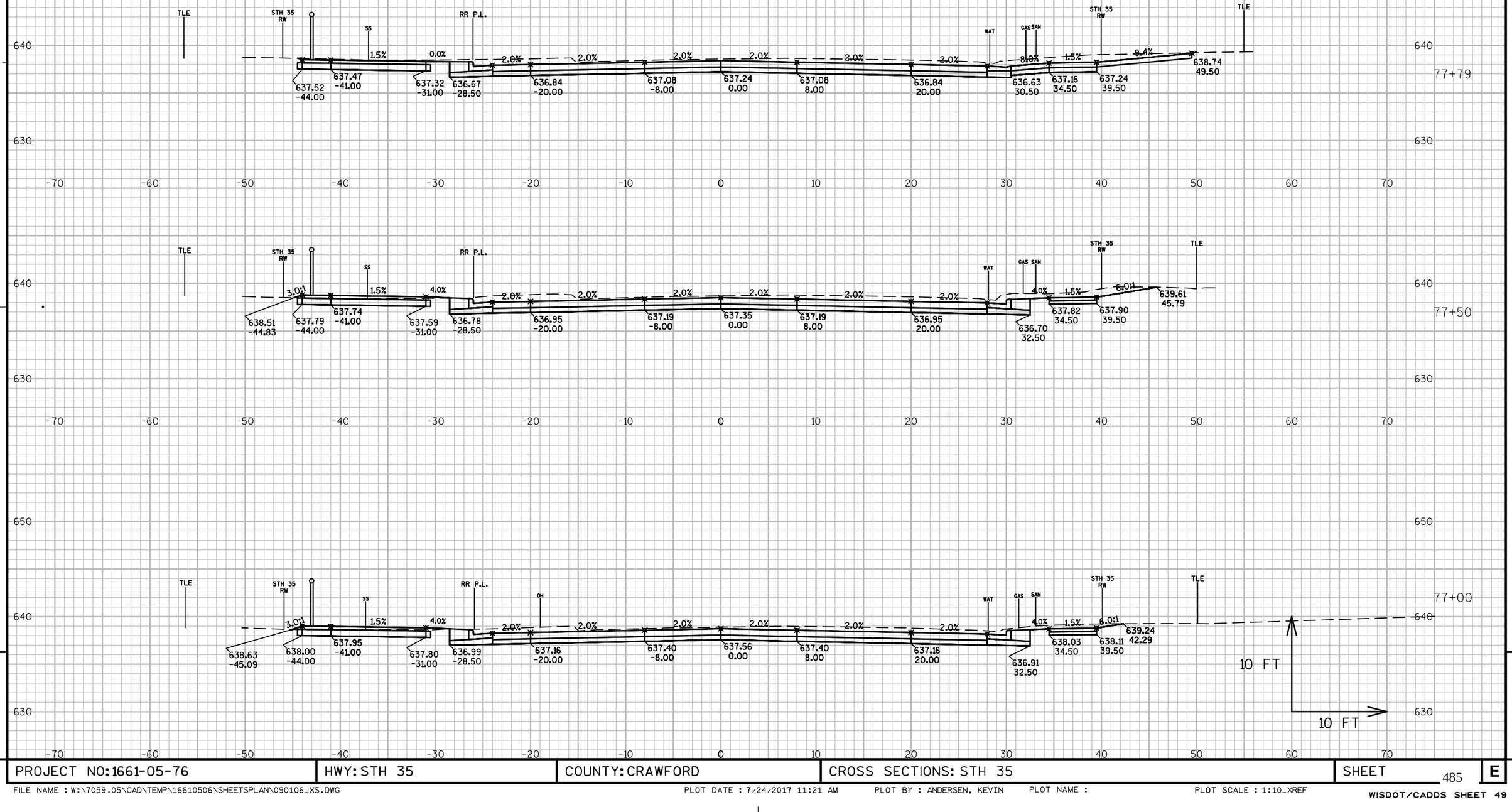
FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:20 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 484	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:21 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

CONSTRUCT P.E. RT

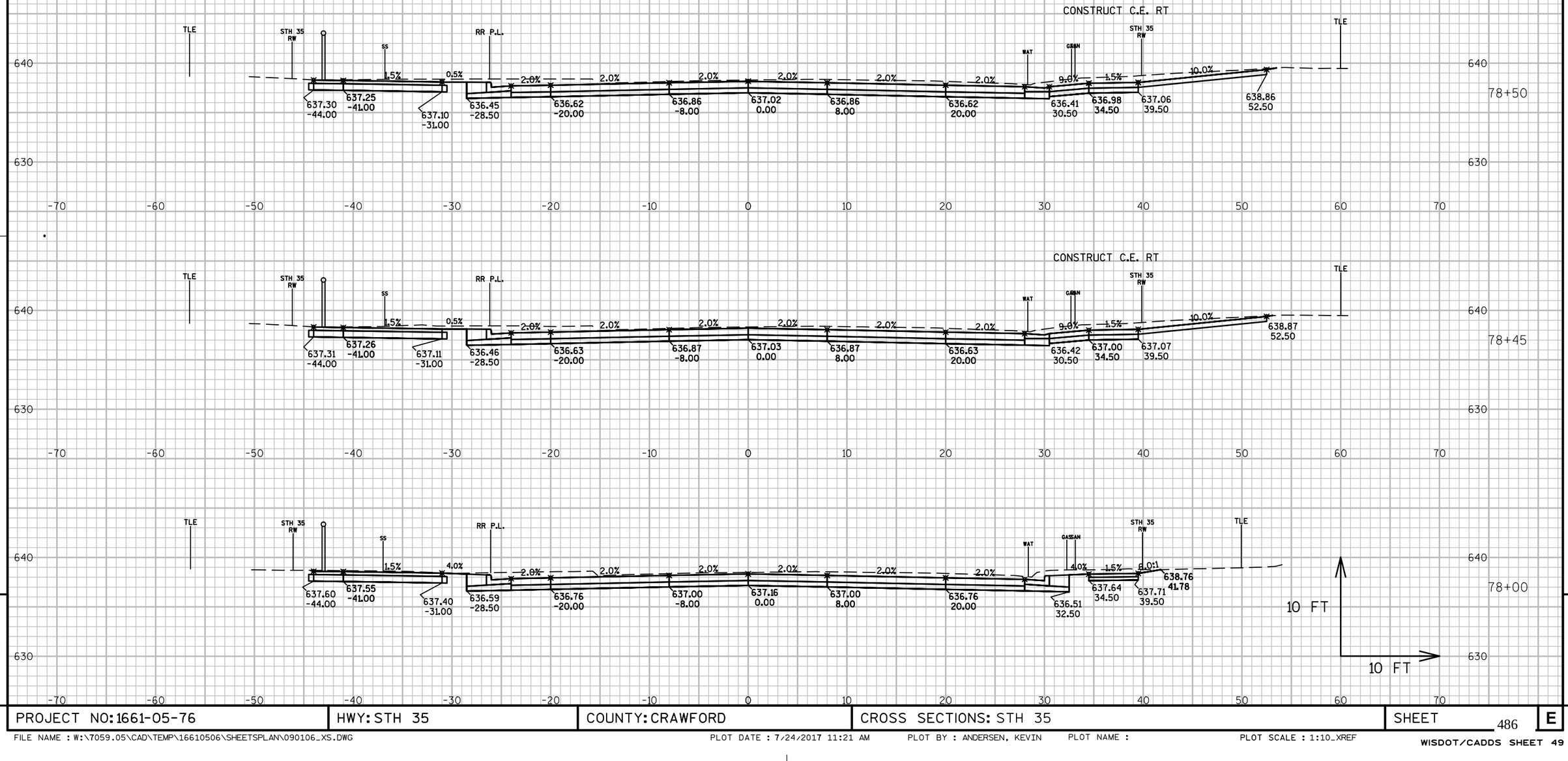


9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 485	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:21 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

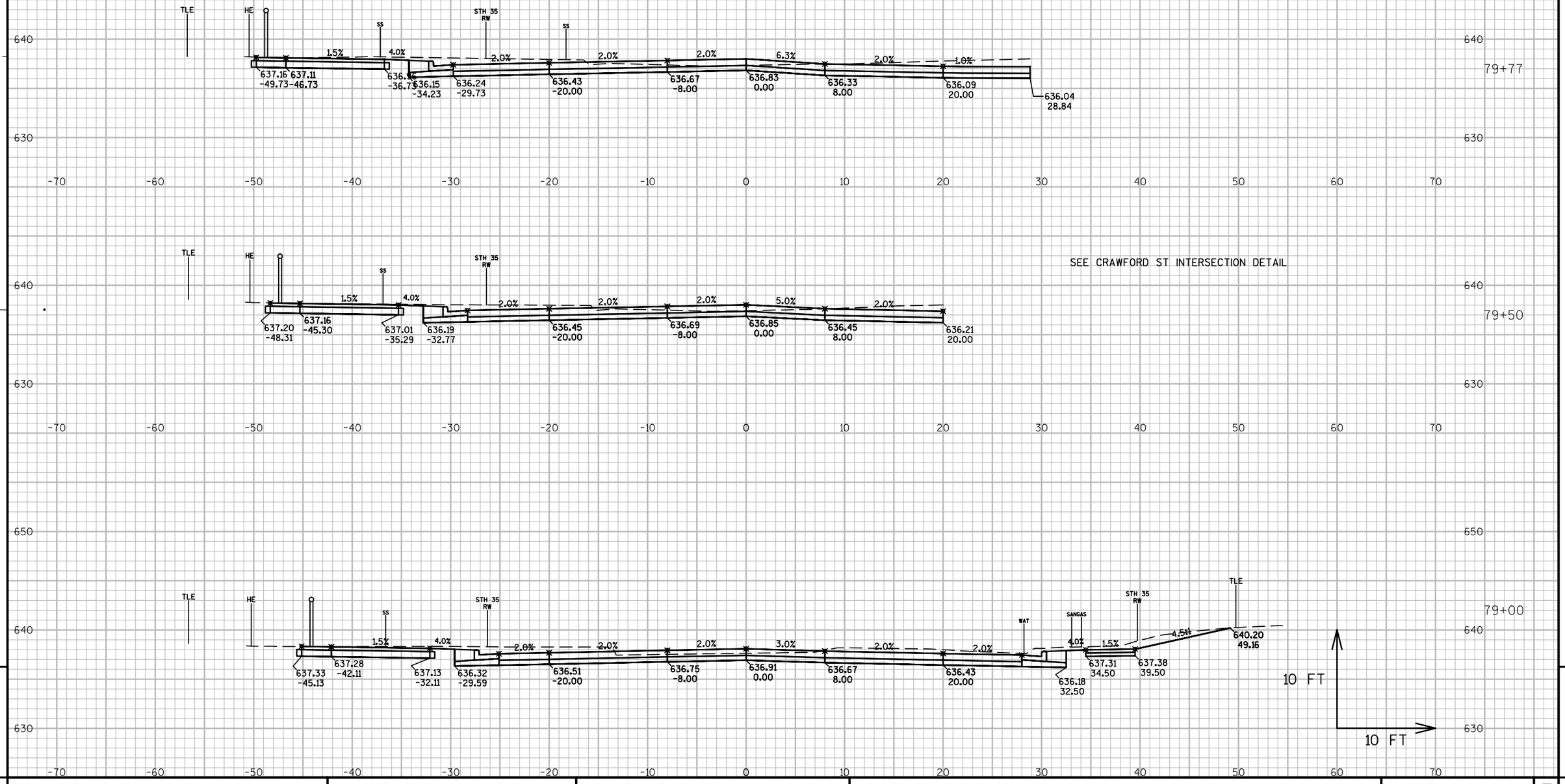


PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 486	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:21 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

SEE CRAWFORD ST INTERSECTION DETAIL



SEE CRAWFORD ST INTERSECTION DETAIL

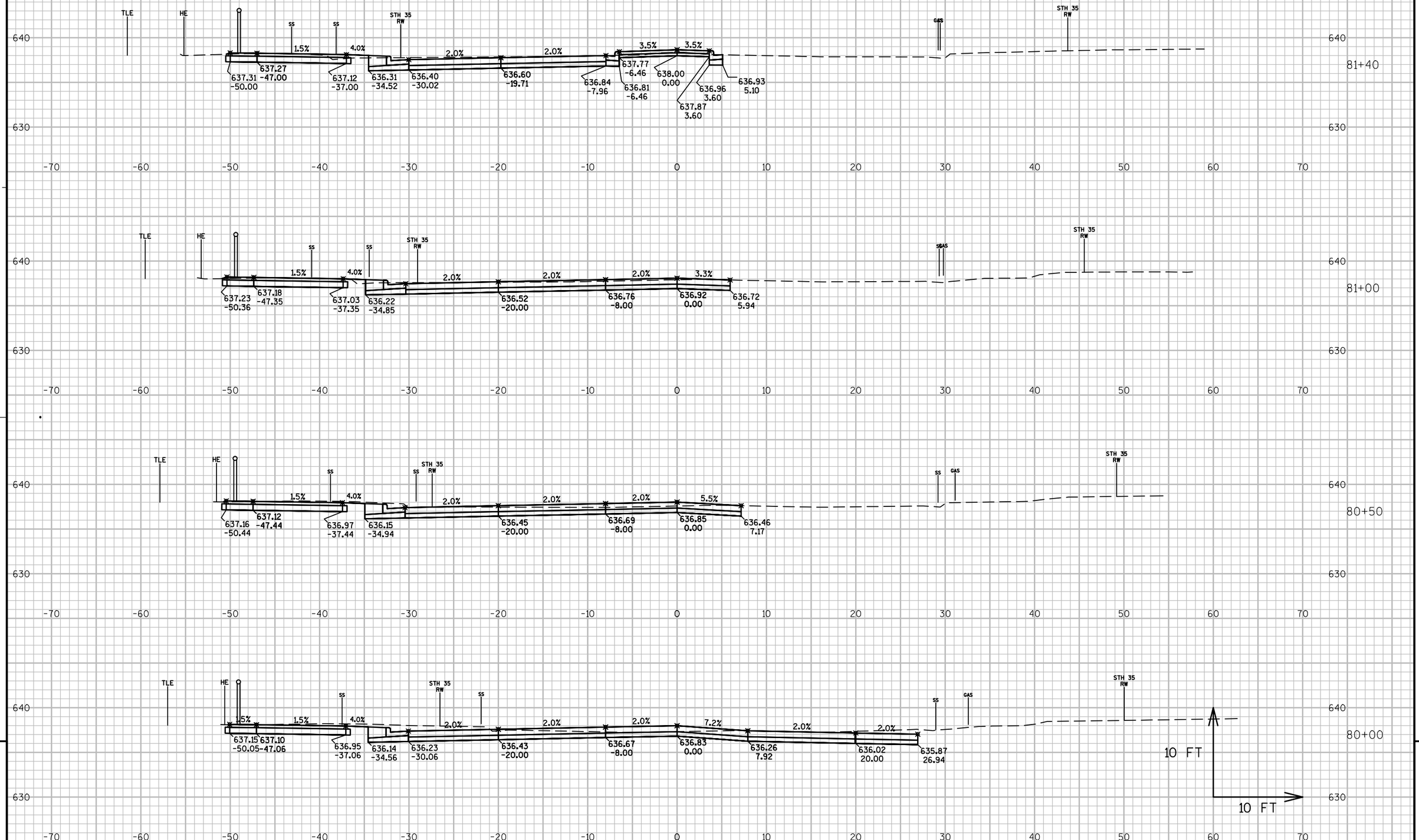
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 487	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:21 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



9

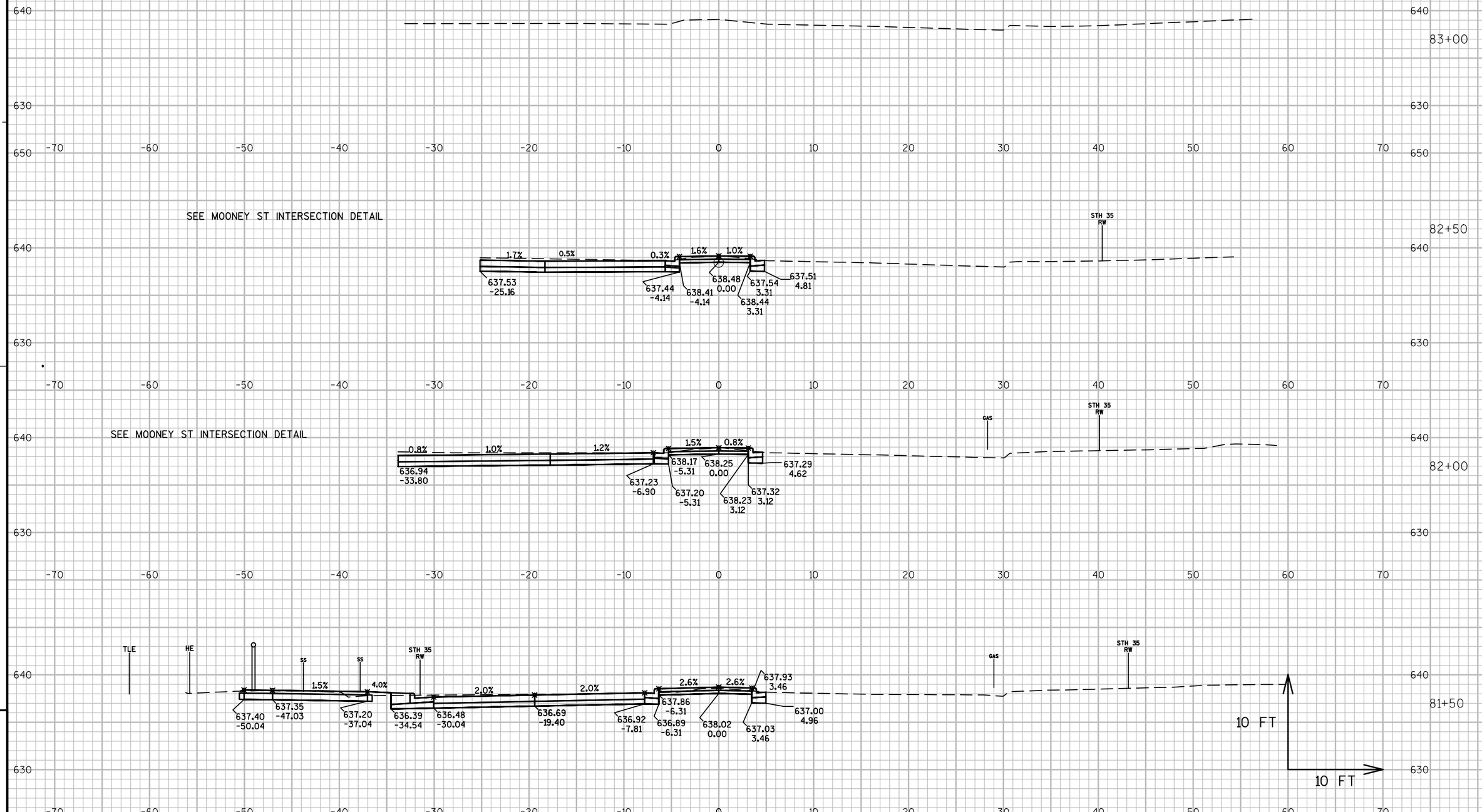
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 488	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090106_XS.DWG PLOT DATE : 7/24/2017 11:21 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49

END CONSTRUCTION
STA 83+00
MATCH EXISTING



9

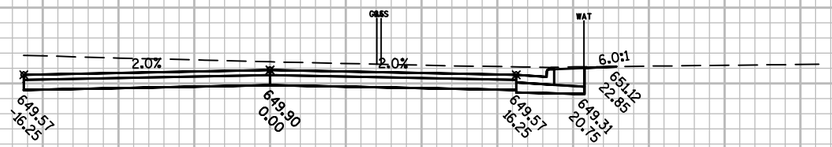
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: STH 35	SHEET 489	E

660

650

SEE PRAIRIE ST INTERSECTION DETAIL



STH 35
RW

660

650

10+75PR

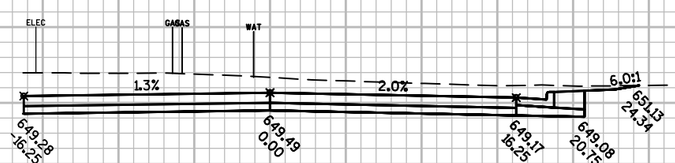
640

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

660

650

SEE PRAIRIE ST INTERSECTION DETAIL



WAT

10+58PR

650

10 FT

10 FT

640

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

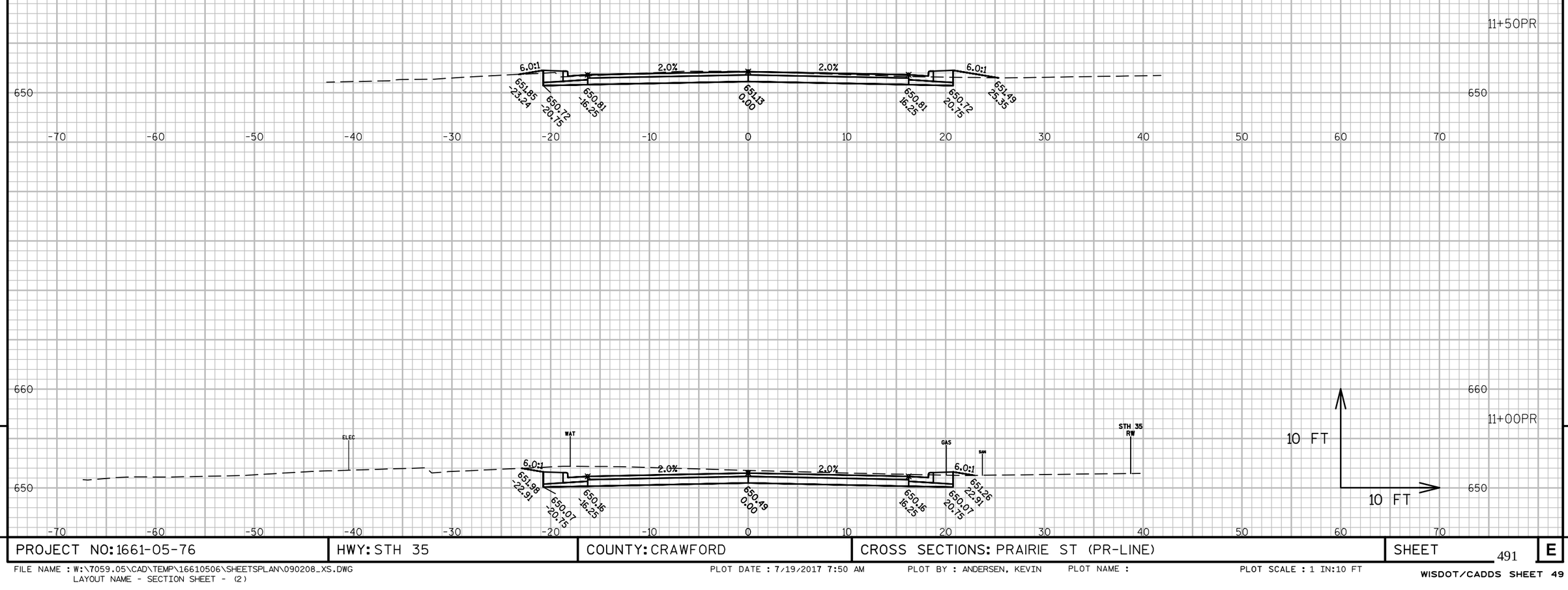
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PRAIRIE ST (PR-LINE)	SHEET 490	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090208_XS.DWG
LAYOUT NAME - SECTION SHEET - (1)

PLOT DATE : 7/19/2017 7:50 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

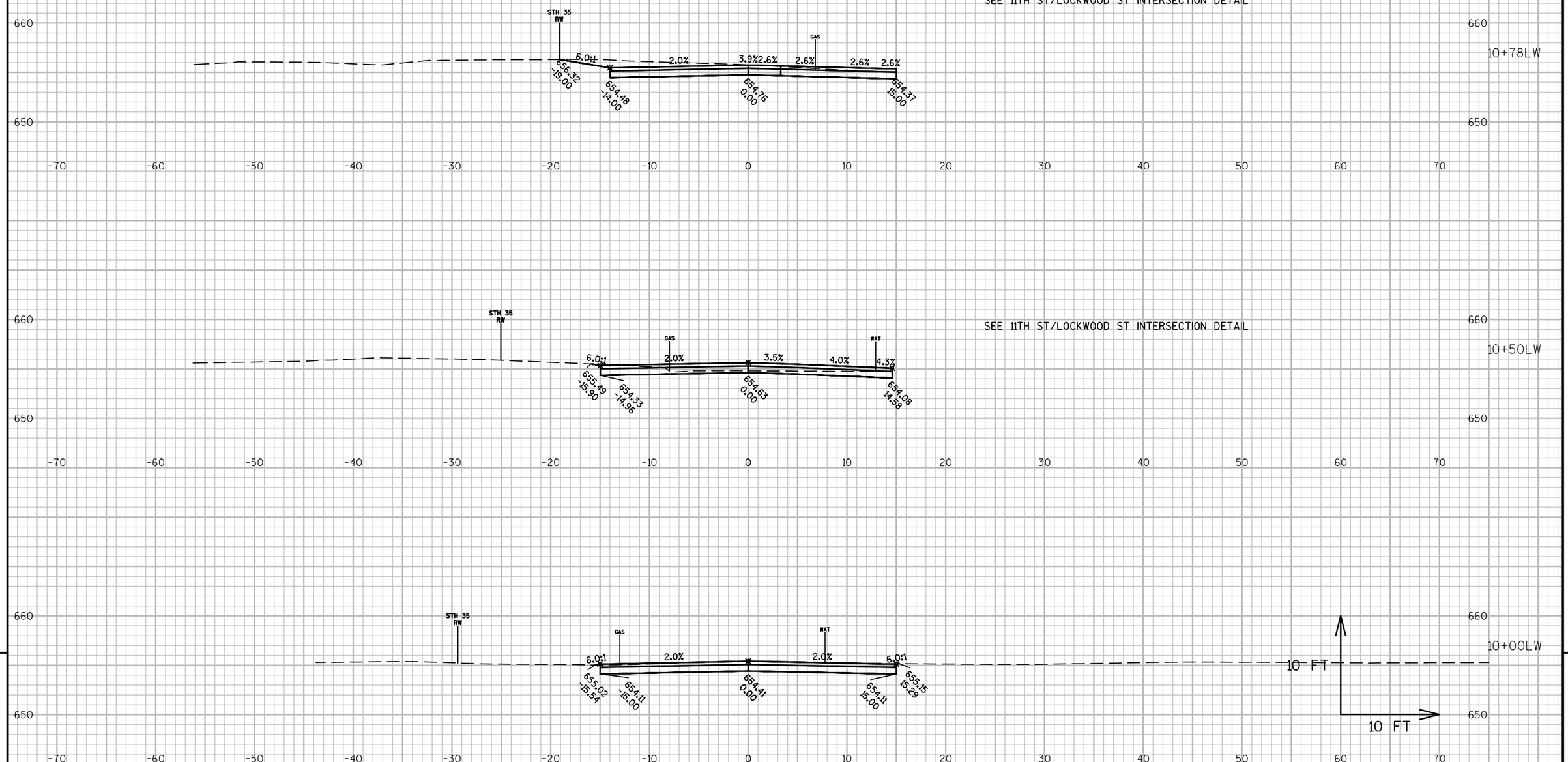
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PRAIRIE ST (PR-LINE)	SHEET 491	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090208_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/19/2017 7:50 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

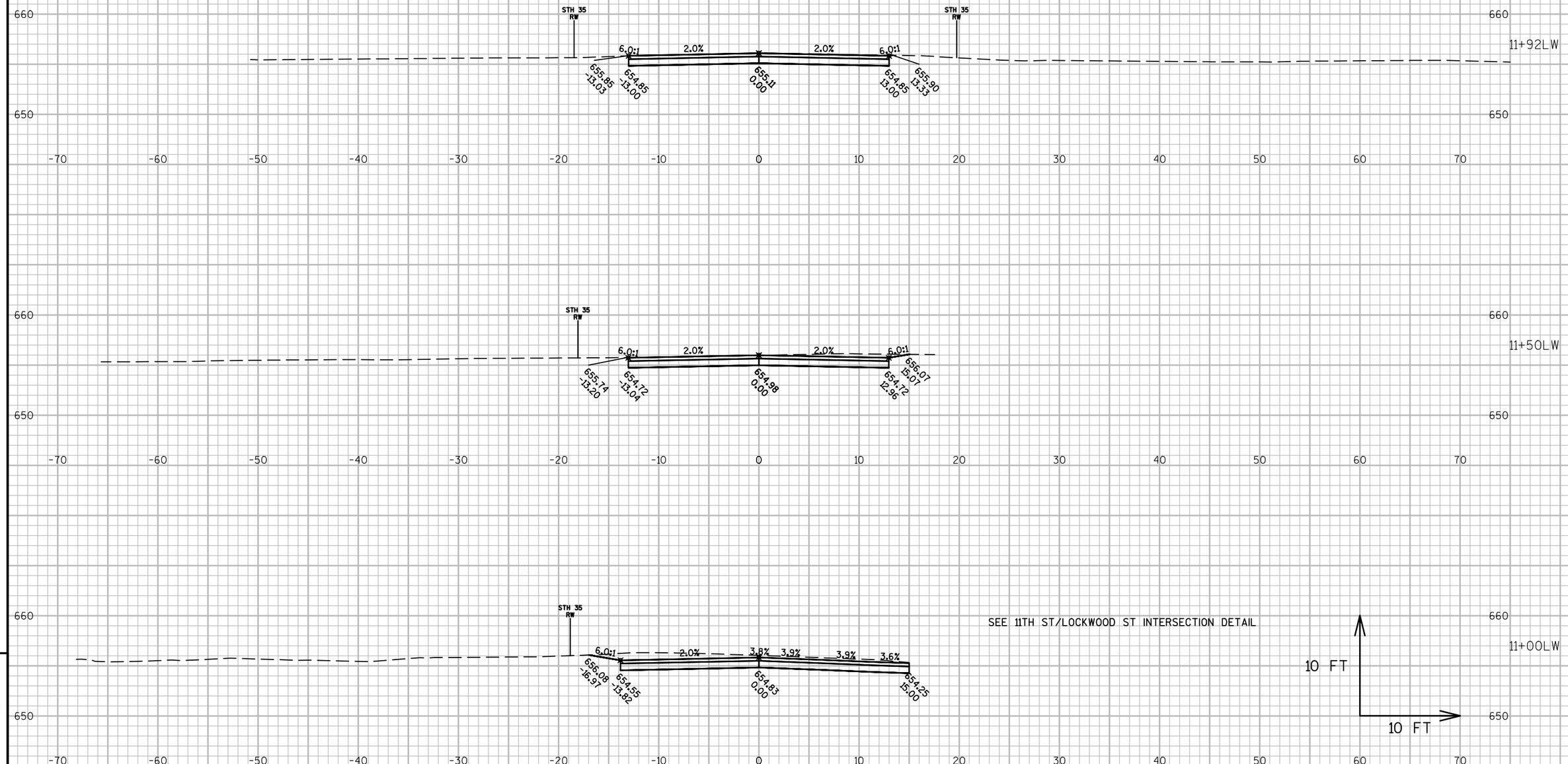
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: LOCKWOOD ST (LW-LINE)	SHEET 492	E



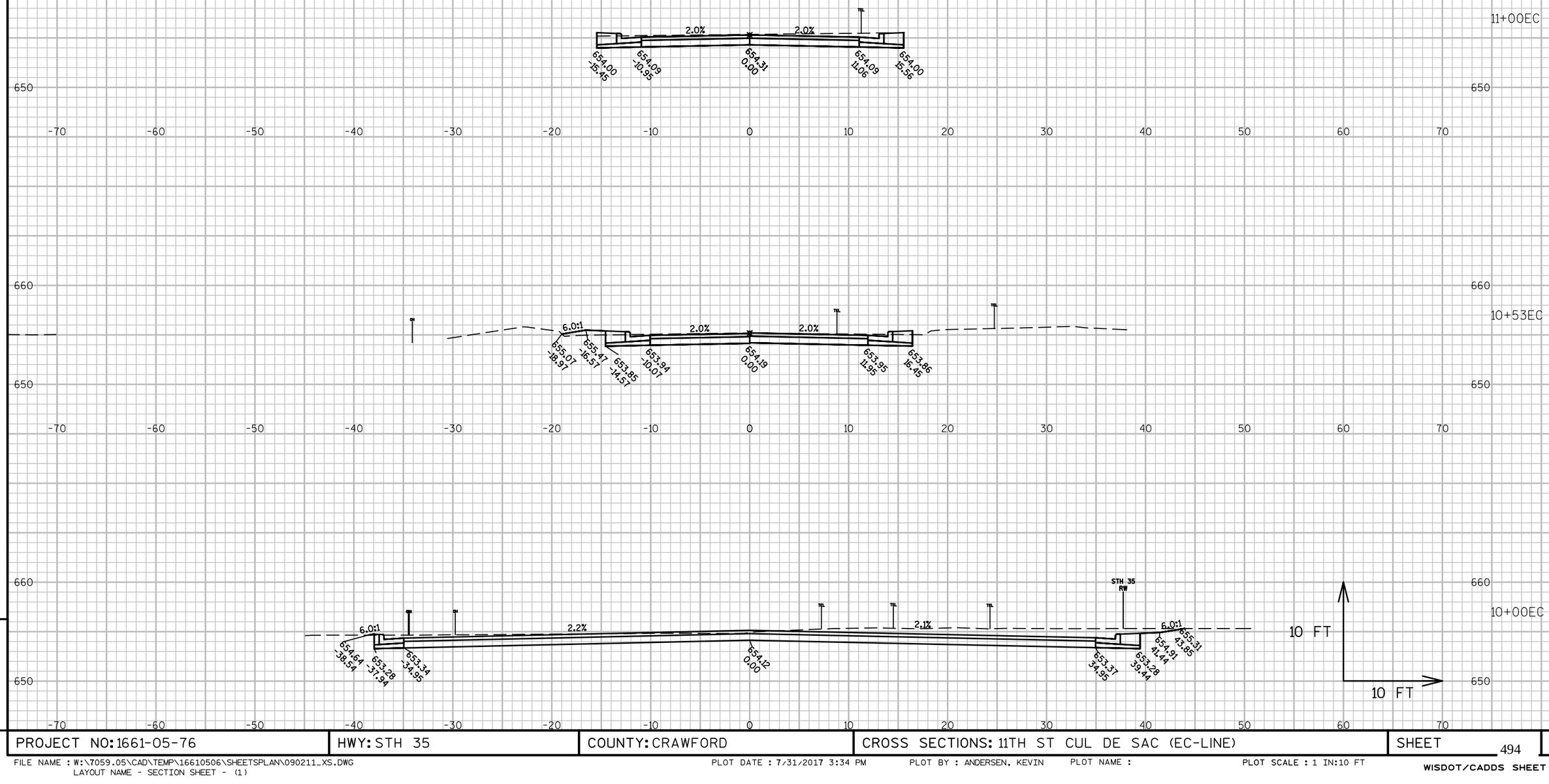
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: LOCKWOOD (LW-LINE)	SHEET 493	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090210_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/19/2017 7:56 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

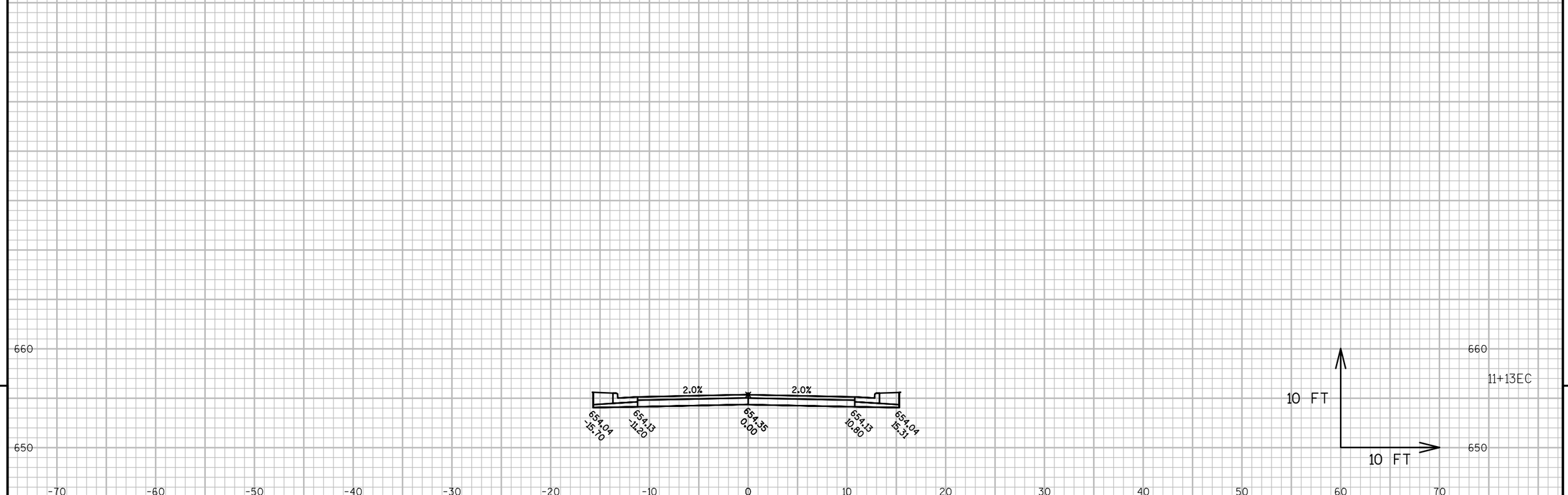
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: 11TH ST CUL DE SAC (EC-LINE)	SHEET 494	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090211_XS.DWG
LAYOUT NAME - SECTION SHEET - (1)

PLOT DATE : 7/31/2017 3:34 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



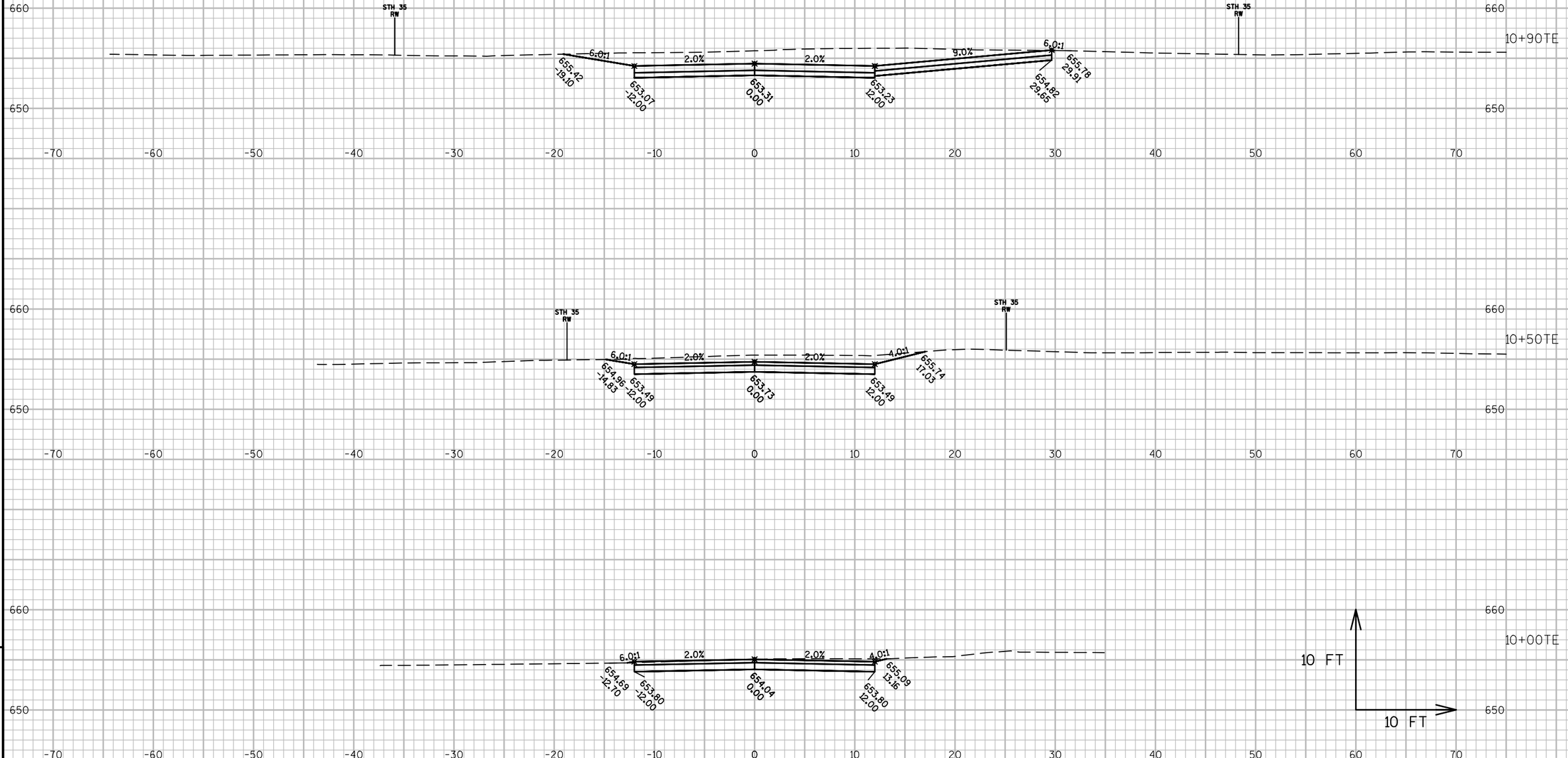
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: 11TH ST CUL DE SAC (EC-LINE)	SHEET 495	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090211_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/19/2017 8:25 AM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

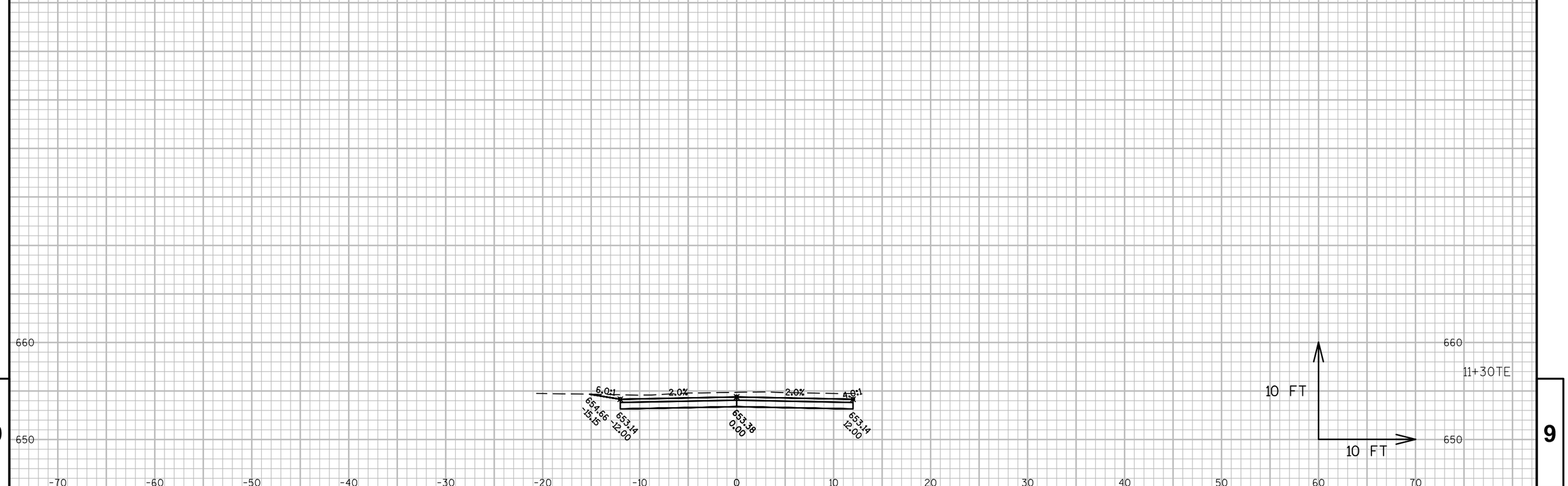
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: 10TH ST (TE-LINE)	SHEET 496	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090212_XS.DWG
LAYOUT NAME - SECTION SHEET - (1)

PLOT DATE : 7/19/2017 12:29 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



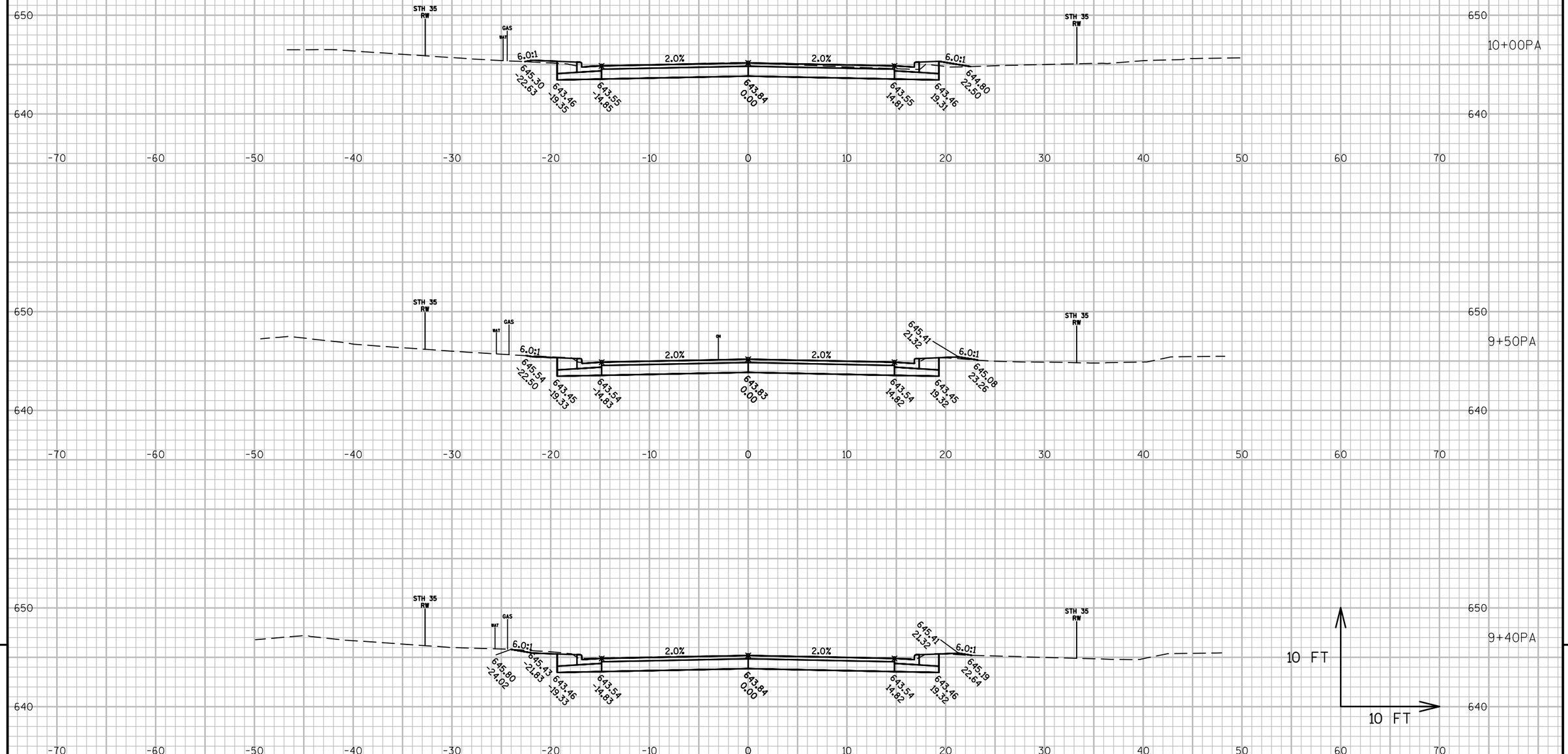
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: 10TH ST (TE-LINE)	SHEET 497	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090212_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/19/2017 12:29 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

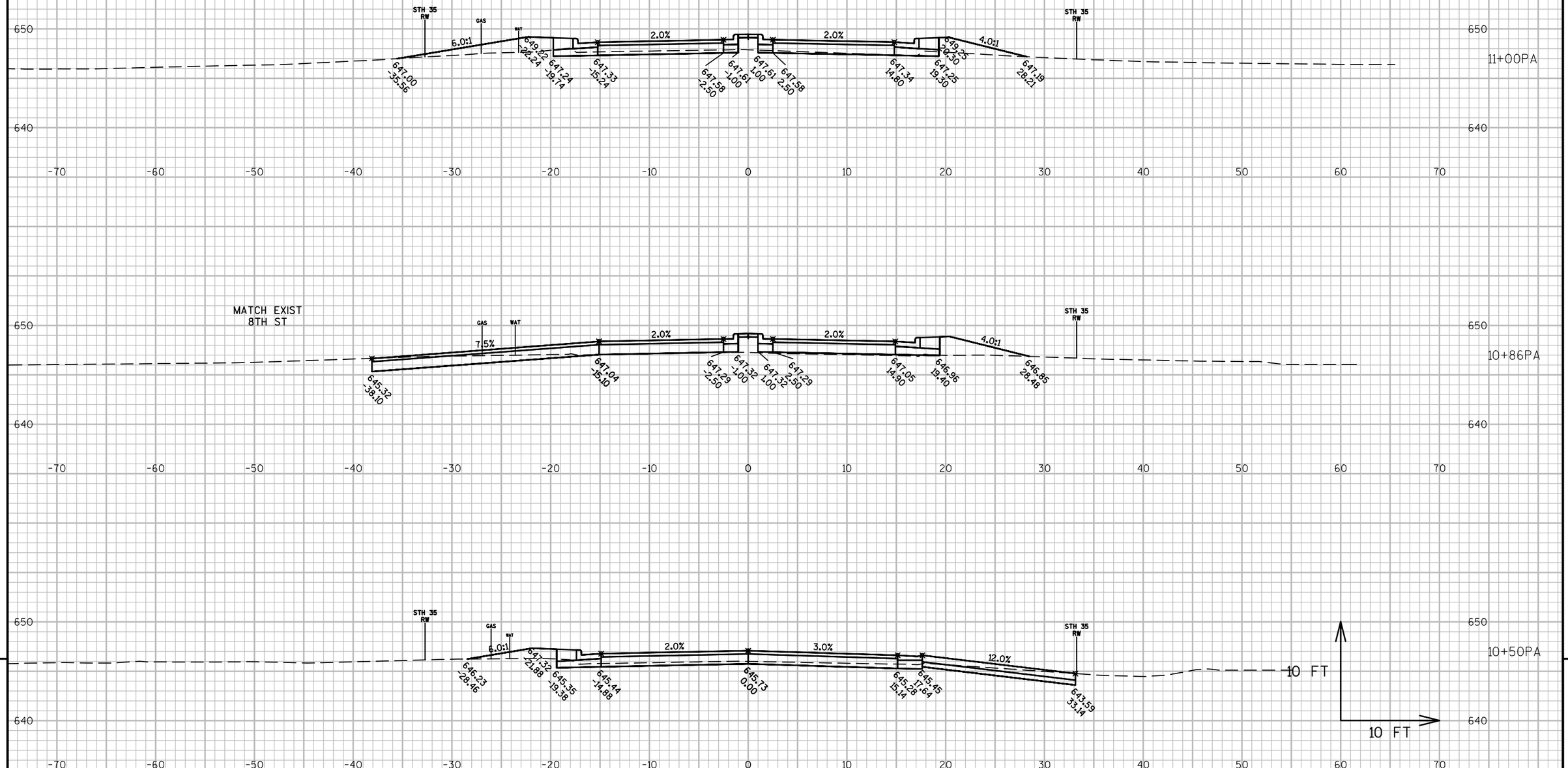
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PARRISH ST (PA-LINE)	SHEET 498	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090214_XS.DWG
LAYOUT NAME - SECTION SHEET - (1)

PLOT DATE : 7/24/2017 3:47 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

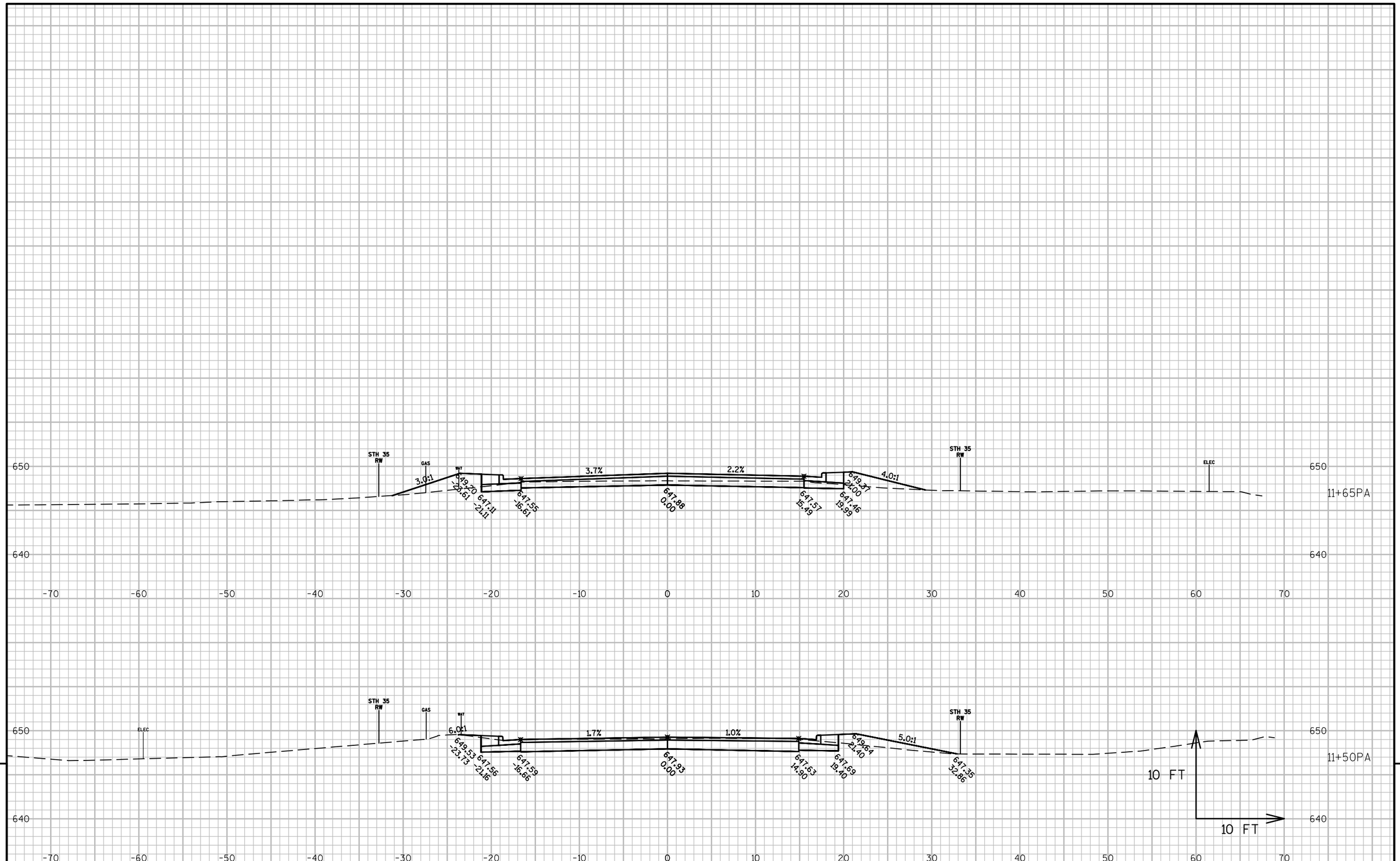
9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PARRISH ST (PA-LINE)	SHEET 499	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090214_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/24/2017 3:47 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PARRISH ST (PA-LINE)	SHEET 500	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090214_XS.DWG
LAYOUT NAME - SECTION SHEET - (3)

PLOT DATE : 7/24/2017 3:47 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

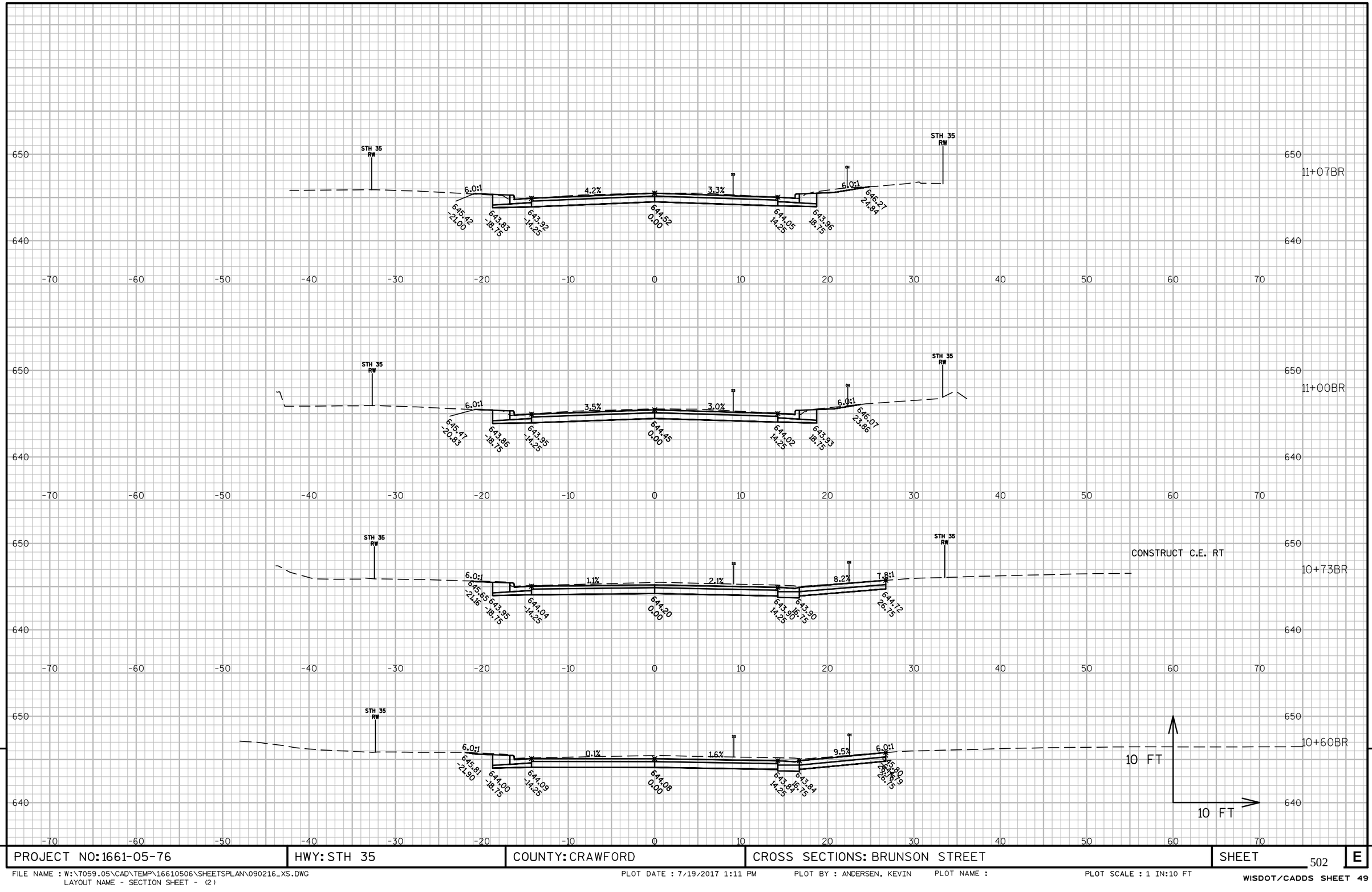
9

9

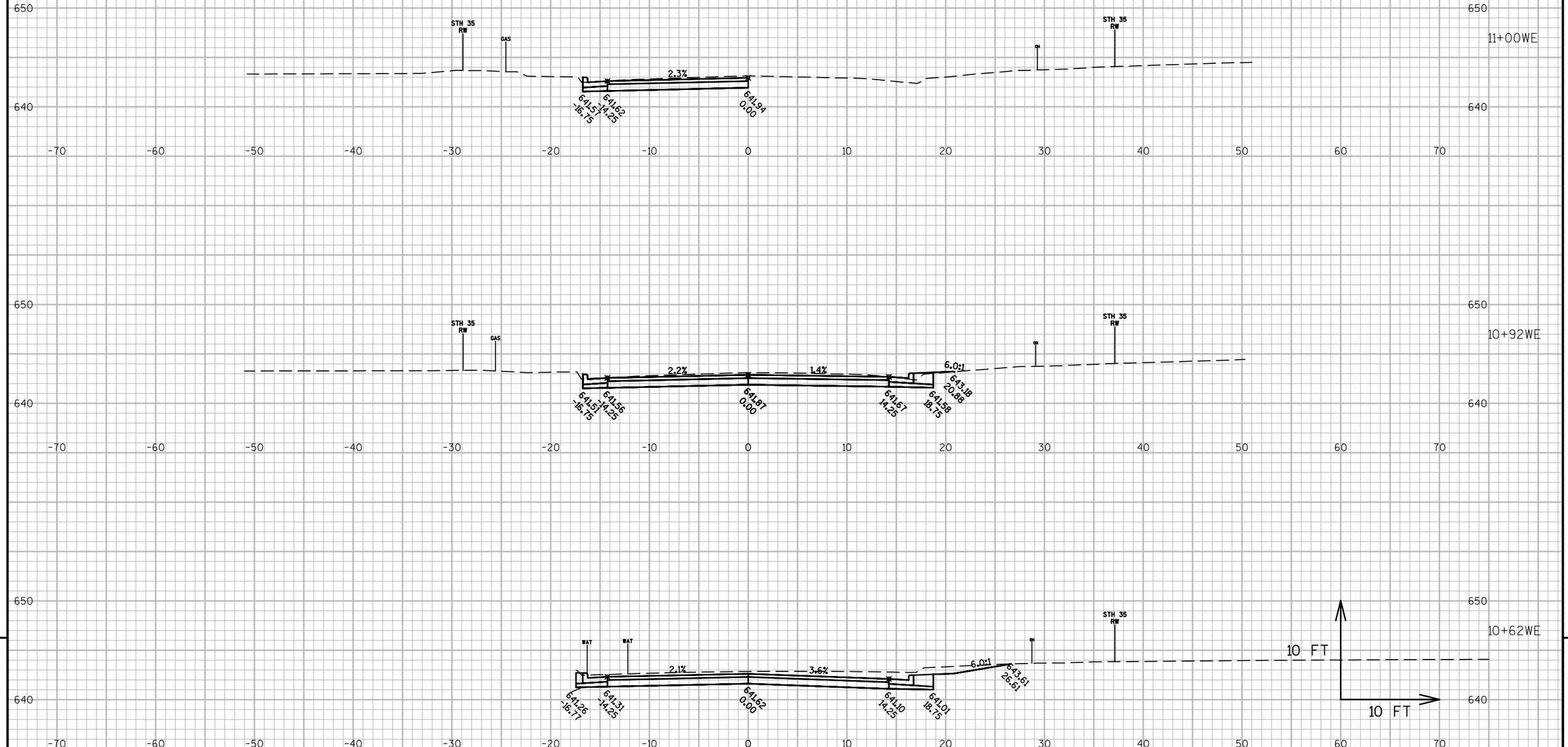
PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: PARRISH ST (PA-LINE)	SHEET 501	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090214_XS.DWG
LAYOUT NAME - SECTION SHEET - (4)

PLOT DATE : 7/24/2017 3:47 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: BRUNSON STREET	SHEET 502	E



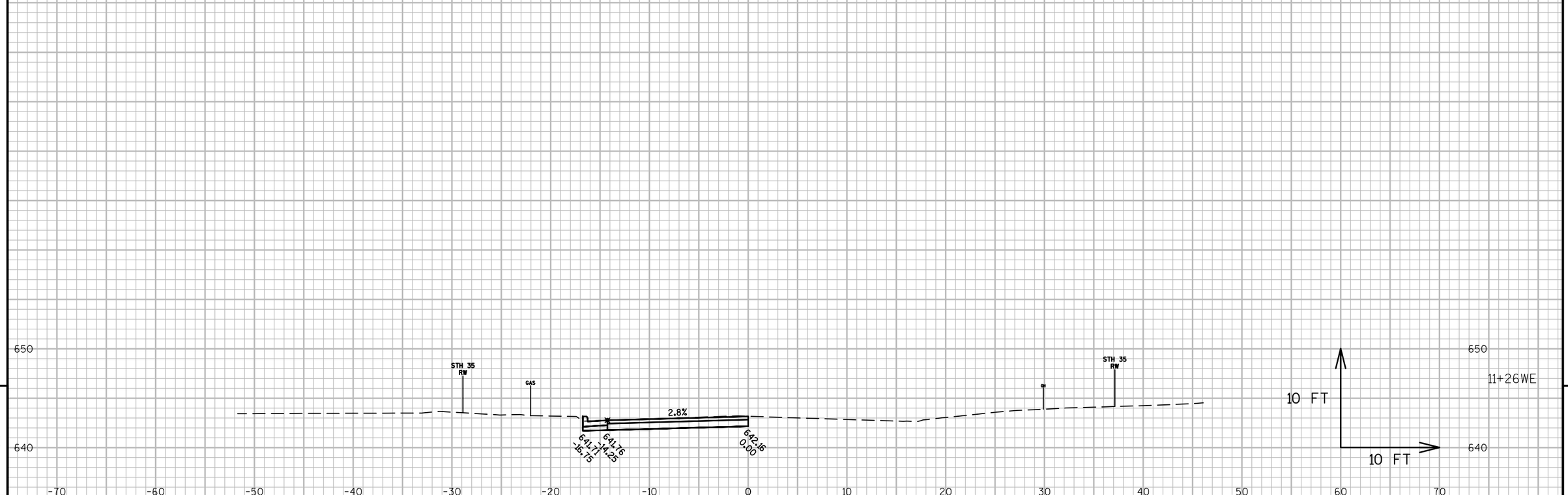
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: WELLS ST (WE-LINE)	SHEET 503	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090218_XS.DWG
LAYOUT NAME - SECTION SHEET - (1)

PLOT DATE : 7/19/2017 1:19 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



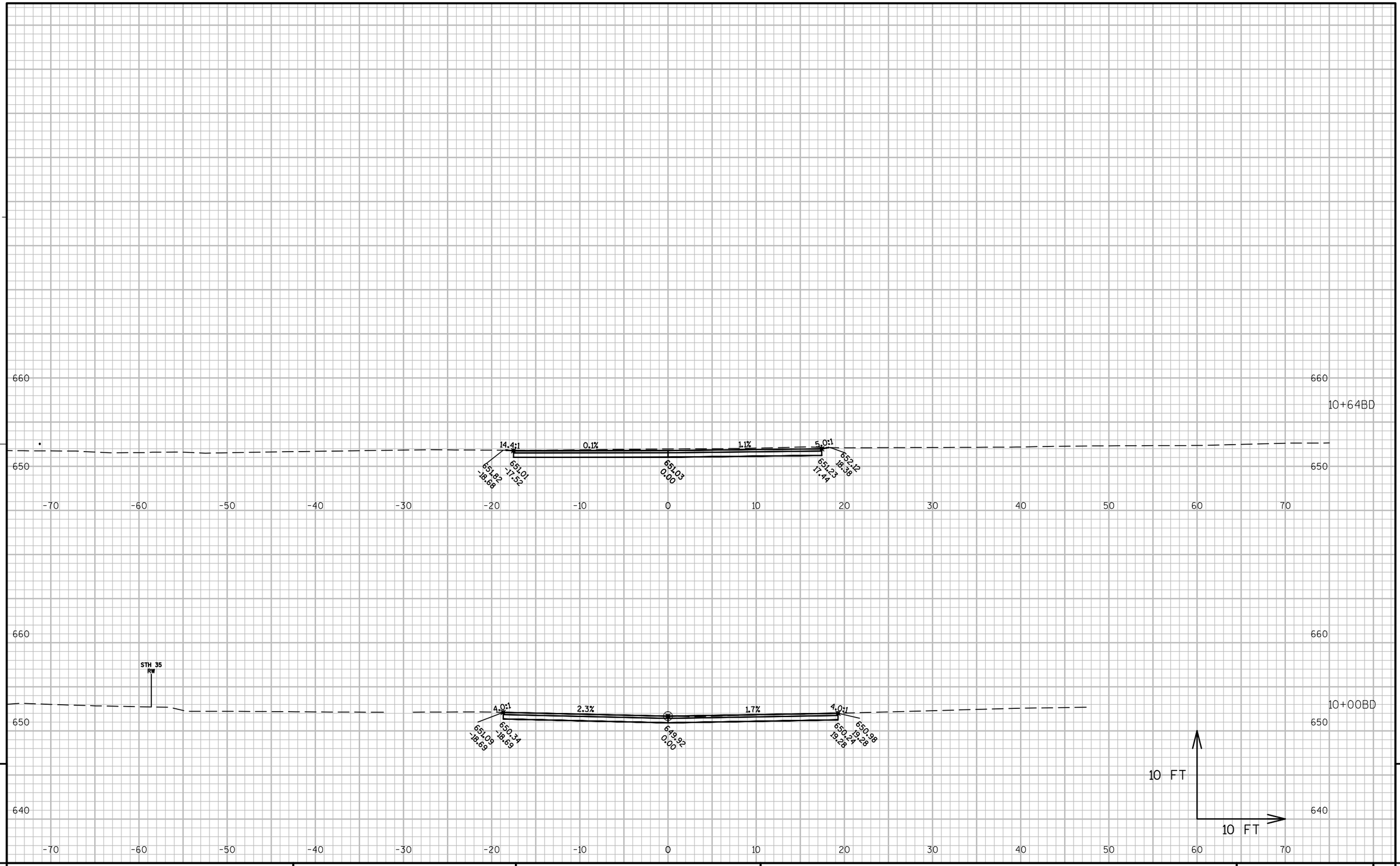
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: WELLS ST (WE-LINE)	SHEET 504	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090218_XS.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 7/19/2017 1:19 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT



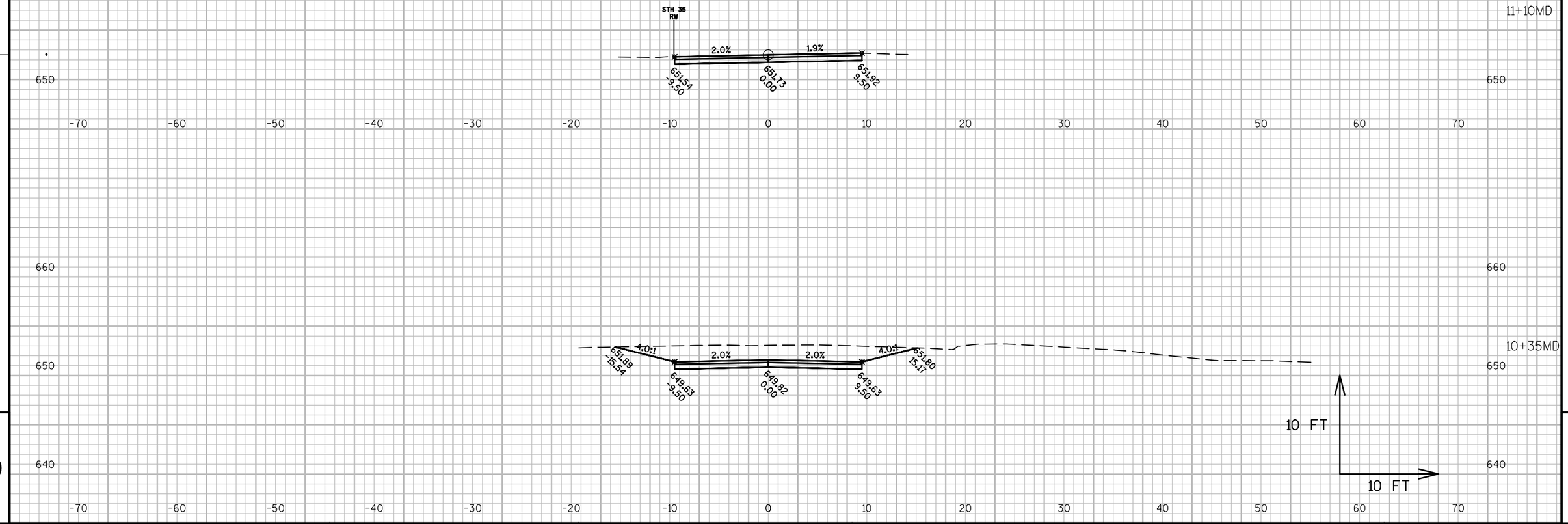
9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: BANK DR	SHEET 505	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090221_XS.DWG PLOT DATE : 7/19/2017 1:25 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1661-05-76	HWY: STH 35	COUNTY: CRAWFORD	CROSS SECTIONS: MOTEL DR	SHEET 506	E

FILE NAME : W:\7059.05\CAD\TEMP\16610506\SHEETSPLAN\090222_XS.DWG PLOT DATE : 7/19/2017 1:48 PM PLOT BY : ANDERSEN, KEVIN PLOT NAME : PLOT SCALE : 1:10_XREF

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

LAX

JAN 2018

PROJECT ID: 1661-05-86

WITH: N/A

COUNTY: CRAWFORD

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 = 88

N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MARQUETTE RD, PRAIRIE DU CHIEN

LA POINTE ST TO MOONEY ST

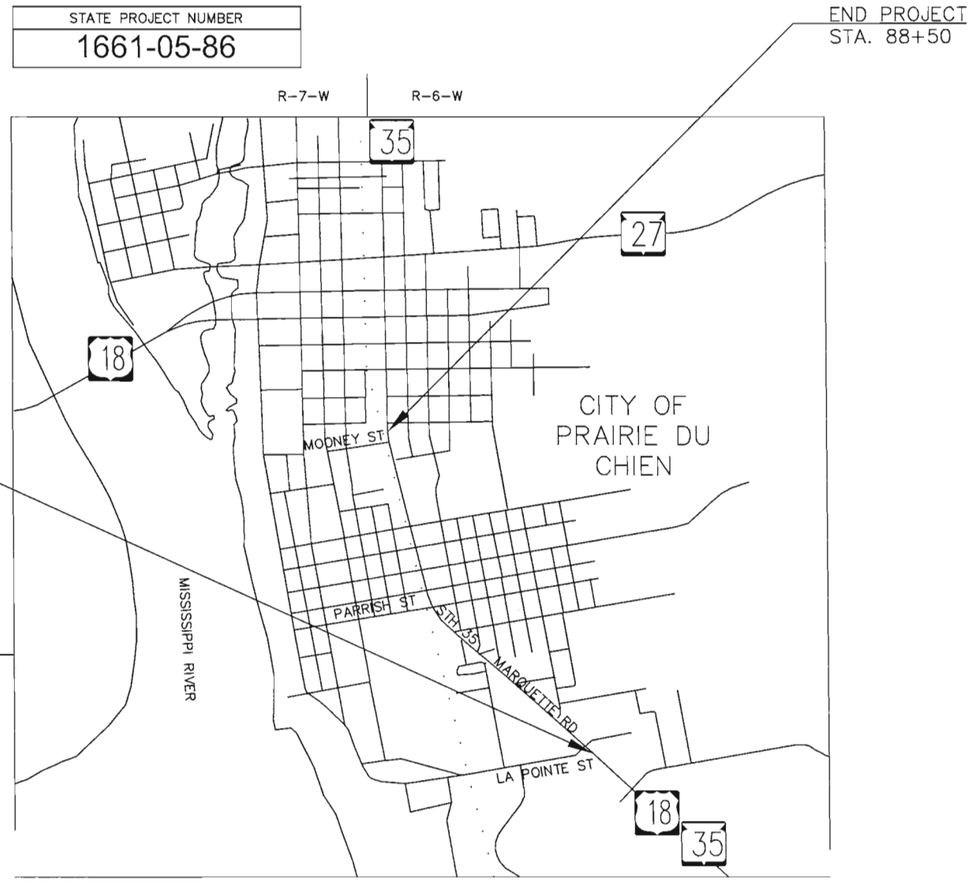
STH 35

CRAWFORD COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1661-05-86		

SANITARY SEWER AND WATER MAIN

STATE PROJECT NUMBER
1661-05-86



END PROJECT
STA. 88+50

BEGIN PROJECT
STA. 6+75
Y = 113,042.68
X = 323,193.81

LAYOUT
SCALE 0 1/2 MILE

TOTAL NET LENGTH OF CENTERLINE = 1.548 MI

DESIGN DESIGNATION

A.A.D.T.	(2017)	= 12,300
A.A.D.T.	(2037)	= 15,400
D.H.V.		= 1,879
D.D.		= 58/42
T.		= 5.5%
DESIGN SPEED		= 30 MPH AND 35 MPH
ESALS		= XXXXXX

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
		TELEPHONE	T
MARSH AREA		WATER	W
		UTILITY PEDESTAL	
		POWER POLE	
WOODED OR SHRUB AREA		TELEPHONE POLE	

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, CRAWFORD COUNTY, NAD83 ( ) IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ORIGINAL PLANS PREPARED BY

vierbicher
planners | engineers | advisors
REEDSBURG - MADISON - PRAIRIE DU CHIEN
126 West Blackhawk Avenue Prairie du Chien, Wisconsin 53821
Phone: (608) 326-1051 Fax: (608) 326-1052

WISCONSIN
MATT K. MUCHOW
E-42383
REEDSBURG
WI
PROFESSIONAL ENGINEER

7-14-17
(Date)

(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	VIERBICHER
Project Manager	CRAIG FISHER
Regional Examiner	
Regional Supervisor	IAN WINGER

APPROVED FOR THE DEPARTMENT

DATE: 11-09-2017

(Signature)

E

UTILITY CONTACTS

MIKE OLSEN
ATC MANAGEMENT, INC. – ELECTRICITY
801 O'KEEFE RD.
P.O. BOX 6113
DE PERE, WI 54115-6113
(920) 338-6582
MOLSEN@ATCLLC.COM

LARRY GATES
CITY OF PRAIRIE DU CHIEN - WATER
724 E BLACKHAWK AVENUE
PRAIRIE DU CHIEN, WI 53821
(608) 326-8213
WATER@PRAIRIEDUCHIEN-WI.GOV

GLEN GOODRICH
CITY OF PRAIRIE DU CHIEN - SEWER
400 W LOCKWOOD
PRAIRIE DU CHIEN, WI 53821
(608) 326-8534
WWTF@PRAIRIEDUCHIEN-WI.GOV

JANE ROSSING
MADISON GAS AND ELECTRIC COMPANY – GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-7099
GROSSING@MGE.COM

MICHAEL BROLIN
ALLIANT ENERGY - ELECTRICITY
4902 N. BILTMORE LANE
SUITE 1000
MADISON, WI 53713
(608) 458-4871
MICHAELBROLIN@ALLIANTENERGY.COM

KEVIN ZICKERT
CENTURYLINK – COMMUNICATION LINE
224 INDUSTRIAL DRIVE
NORTH PRAIRIE, WI 53153
(262) 392-5200
KEVIN.ZICKERT@CENTURYLINK.COM

CHRIS EGGERT
MEDIACOM WISCONSIN LLC – COMMUNICATION LINE
207 W. PEARLE STREET
P.O. BOX 226
DECORAH, IA 52101-0226
(563) 419-5160
CEGGERT@MEDIACOMCC.COM

DAN TITLBACH
CITY OF PRAIRIE DU CHIEN – STREETS
625 E WASHINGTON STREET
PRAIRIE DU CHIEN, WI 53821
PHONE: (608) 252-4727
TSTATZ@MGE.COM

OTHER CONTACTS

RICHARD YEOMANS
PRAIRIE DU CHIEN AIRPORT
- AIRPORT FACILITY
37735 HWY 18
PRAIRIE DU CHIEN, WI 53821
(608) 326-2118
RYEOMANS@CENTURYTEL.NET

BNSF RAILROAD UTILITY HOTLINE
1-800-533-2891 (RR SIGNAL LINES ONLY)

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

STANDARD ABBREVIATIONS

AC	ACRE	MAX	MAXIMUM
AGG	AGGREGATE	MGAL	1000 GALLONS
AH	AHEAD	MIN	MINIMUM
<	ANGLE	NC	NORMAL CROWN OR NO CHANGE
AE, AEW	APRON ENDWALL	N	NORTH
ASPH	ASPHALTIC	NO	NUMBER
AADT	AVERAGE ANNUAL DAILY TRAFFIC	PAVT	PAVEMENT
BF	BACK FACE	PLE	PERMANENT LIMITED EASEMENT
BK	BACK	PC	POINT OF CURVATURE
BEG	BEGIN	PI	POINT OF INTERSECTION
BM	BENCH MARK	PT	POINT OF TANGENCY
C/L	CENTER LINE	VPC	VERTICAL POINT OF CURVATURE
D	CENTRAL ANGLE OR DELTA	VPI	VERTICAL POINT OF INTERSECTION
CMCP	CORRUGATED METAL CULVERT PIPE	VPT	VERTICAL POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	PCC	PORTLAND CEMENT CONCRETE
CO	COUNTY	PE	PRIVATE ENTRANCE
CTH	COUNTY TRUNK HIGHWAY	PL	PROPERTY LINE
CR	CREEK	R	RADIUS OR RANGE
CABC	CRUSHED AGGREGATE BASE COURSE	R/L or RL	REFERENCE LINE
CY	CUBIC YARD	RCCP	REINFORCED CONCRETE CULVERT PIPE
CP	CULVERT PIPE	RT	RIGHT
C & G	CURB AND GUTTER	REQD	REQUIRED
D	DEGREE OF CURVE	RHF	RIGHT HAND FORWARD
DHV	DESIGN HOUR VOLUME	R/W	RIGHT OF WAY
DIA	DIAMETER	R	RIVER
DISCH	DISCHARGE	RD	ROAD
EA	EACH	SHLDR	SHOULDER(S)
E	EAST	SHR	SHRINKAGE
ELEC	ELECTRIC(AL), ELEC. CABLE	S	SOUTH
EL, ELEV	ELEVATION	SF	SQUARE FOOT (FEET)
EXC	EXCAVATION	SDD	STANDARD DETAIL DRAWING(S)
FF	FACE TO FACE	STH	STATE TRUNK HIGHWAY
FERT	FERTILIZER	STA	STATION
FE	FIELD ENTRANCE	SE	SUPERELEVATION
F/L, FL	FLOW LINE	S/L	SURVEY LINE
CWT	HUNDRED WEIGHT	T	TANGENT
INL	INLET	TEL	TELEPHONE
INTER	INTERSECTION	TEMP	TEMPORARY
JT	JOINT	TLE	TEMPORARY LIMITED EASEMENT
LT	LEFT	TOC	TOP OF CURB
LHF	LEFT HAND FORWARD	T	(TRUCKS) PERCENT OF
L	LENGTH OF CURVE	TYP	TYPICAL
LF	LINEAR FOOT(FEET)	UNCL	UNCLASSIFIED
LC	LONG CHORD	UG	UNDERGROUND (CABLE)
LS	LUMP SUM	VC	VERTICAL CURVE
MP	MARKER POST	W	WEST

GENERAL NOTES

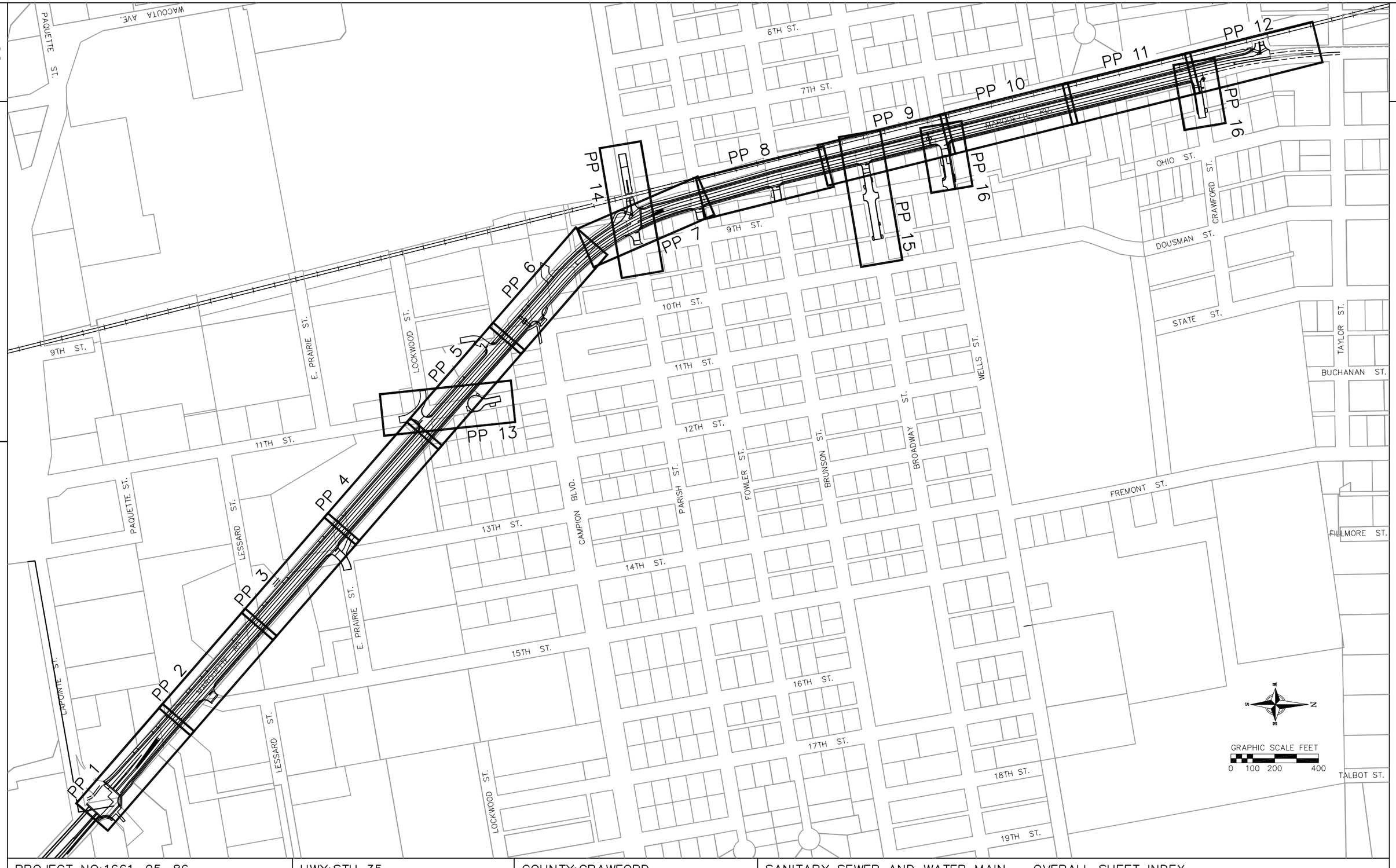
- DNR CONTACT: KAREN KALVELAGE - LA CROSSE OFFICE, 3550 MORMON COULEE RD., LA CROSSE, WI 53601
  PHONE: (608) 785-9115
- CURVE DATA IS BASED ON ARC DEFINITION.
- LOCATION OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- CONTRACTOR SHALL COORDINATE W/ PROPERTY OWNERS/RESIDENTS REGARDING ACCESS TO DRIVEWAYS AND UTILITY SHUT-OFFS
- ALL RADII ARE MEASURED TO BACK OF CURB UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.
- NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.
- PAVEMENT REMOVAL WILL BE TO THE NEAREST JOINT OR A SAWED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.
- IN THE PERFORMANCE OF THE WORK UNDER THE ITEM "MULCHING", ALL AREAS SEEDED AND FERTILIZED SHALL BE MULCHED AS DIRECTED BY THE ENGINEER.
- 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.
- THE EXACT LOCATION OF ACCESS POINTS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- SILT FENCE SHALL BE PLACED AS SHOWN ON PLANS AND/OR DIRECTED BY THE ENGINEER.
- ANY SIGNS REMOVED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE PLACED AT A LOCATION DETERMINED BY THE ENGINEER.
- COORDINATES AND BEARINGS REFERENCED IN THE PLAN ARE IN A WISCONSIN COUNTY COORDINATE SYSTEM, CRAWFORD COUNTY, AND ARE
- REFERENCED TO THE NORTH AMERICAN DATUM OF 1988 (#20).
- STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN IN WDOT PROJECT ID 1661-05-76 FOR CONSTRUCTION OF STORM SEWER
- THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS AHD SHALL BE RESPONSIBLE FOR REMONUMENTATION IF NECESSARY.
- SEWER AND WATER LATERAL LOCATIONS ARE SHOWN APPROXIMATE. CONCTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL LIVE LAVERALS. ALL SANITARY LIVE LATERALS SHALL BE REPLACED TO 6′ BEHIND THE CURB OR AS DIRECTED BY CITY OR ENGINEER AND BE RECONNECTED TO THE EXISTING SANITARY LATERAL. NEW CURB STOPS SHALL BE PLACED 3′ OFF THE BACK OF CURB. WATER SERVICES WILL ONLY BE REPLACED TO THE EXISTING CURB STOP TO A MINIMUM DISTANCE OF 6′ OFF THE BACK OF CURB OR AS DIRECTED BY CITY OR ENGINEER. SEWER LATERALS SHALL BE REPLACED WITH 4″ MINIMUM OR LARGER TO MATCH EXISTING. NEW WATER LATERALS SHALL BE 1″ MINIMUM OR LARGER TO MATCH EXISTING UNLESS NOTED OTHERWISE. CONTRACTOR SHALL COORDINATE WITH CITY STAFF TO ENSURE ALL LATERALS ARE RECONNECTED AS REQUIRED.
- THE COST OF CONNECTING WATER MAIN OR SANITARY SEWER TO EXISTING MAINS OR MANHOLES SHALL BE INCIDENTAL TO THE COST OF INSTALLING MAINS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING SEWAGE AROUND WORKING AREA WHEN REQUIRED. (INCIDENTAL)
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING FOR SANITARY SEWER CONSTRUCTION IF REQUIRED. (INCIDENTAL)
- CONTRACTOR SHALL USE A TRENCH BOX TO MINIMIZE TRENCH WIDTH AND DISTURBED AREA.
- TRACER WIRE SHALL BE INSTALLED ON SANITARY LATERALS AND PE WATER LATERALS
- ANY ADDITIONAL SHORING OR SUPPORT REQUIRED TO INSTALL WATER MAIN OR SANITARY SEWER AT ANY LOCATION SHALL BE CONSIDERED INCIDENTAL TO THE COST OF INSTALLING MAINS.
- LOWER WATER MAIN IF REQUIRED TO AVOID CONFLICT WITH STORM SEWER OR SANITARY SEWER – SEE DETAIL
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING ORDER OF ANY SUCH ITEM.
- CONTRACTOR SHALL SUBMIT “RECORD DRAWINGS” AT EVERY PAY REQUEST FOR WORK COMPLETED AND ACCEPTED BY THE OWNER/ENGINEER.
- INSTALL WATER MAIN AT ADEQUATE DEPTH TO AVOID CONFLICT WITH PROPOSED STORM SEWER AND SANITARY SEWER. MAINTAIN MINIMUM 1.5′ SEPARATION IF WATER CROSSES BELOW STORM SEWER AND MINIMUM 0.5′ IF WATER CROSSES ABOVE.

AREA CONTACTS

WISDOT PROJECT MANAGER
CRAIG FISHER
3550 MORMON COULEE RD
LA CROSSE, WI 54601
PHONE: (608) 785-9946
CRAIG.FISHER@DOT.WI.GOV

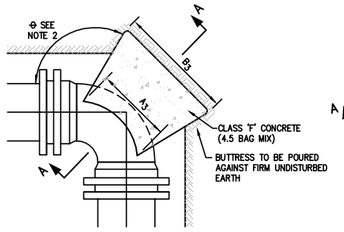
DESIGN CONTACT
VIERBICHER
MATT MUCHOW
400 VIKING DRIVE
REEDSBURG, WI 53959
PHONE: (608) 768-4809
MMUC@VIERBICHER.COM

WISDNR: CRAWFORD COUNTY
KAREN KALVELAGE
DNR SERVICE CENTER
3550 MORMON COULEE RD
LA CROSSE, WI 54601
PHONE: (608) 785-9115
KAREN.KALVELAGE@WISCONSIN.GOV

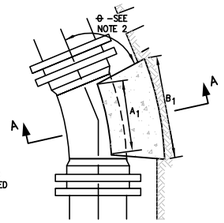


PROJECT NO:1661–05–86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – OVERALL SHEET INDEX

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_OVERALL MAP.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION



PLAN – 90° BEND

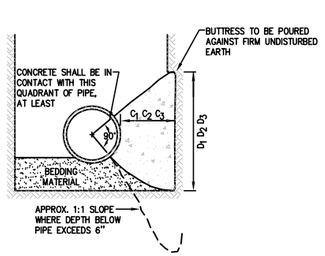


PLAN – 22½° BEND

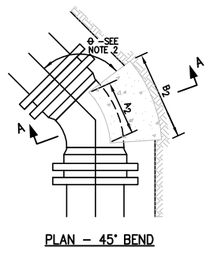
BUTTRESS DIMENSIONS						
PIPE SIZE	22½° BENDS		45° BENDS		90° BENDS	
	B_1	D_1	B_2	D_2	B_3	D_3
6"	1'–0"	1'–0"	1'–0"	1'–0"	1'–4"	1'–2"
8"	1'–0"	1'–0"	1'–4"	1'–2"	1'–10"	1'–6"
12"	1'–4"	1'–4"	1'–10"	1'–10"	2'–8"	2'–3"
16"	1'–10"	1'–8"	2'–6"	2'–4"	3'–10"	2'–10"
20"	2'–4"	2'–0"	3'–3"	2'–10"	5'–0"	3'–4"
24"	2'–10"	2'–4"	4'–0"	3'–3"	6'–4"	3'–10"
30"	3'–6"	3'–0"	5'–4"	3'–10"	8'–0"	4'–8"

NOTES

1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 psi AND ON EARTH RESISTANCE OF 2 TONS PER SQUARE FOOT.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Φ EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERRING WITH M.J. BOLTS.
4. SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POUR IS AGAINST FIRM UNDISTURBED EARTH.
5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.



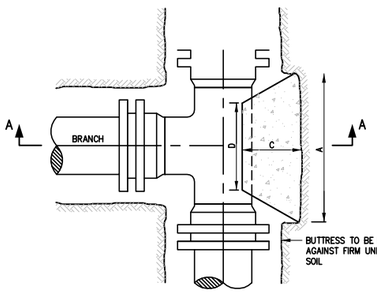
SECTION A–A



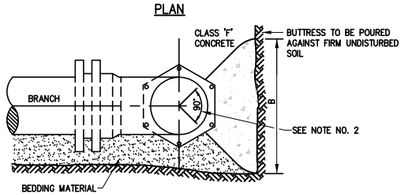
PLAN – 45° BEND

BUTTRESS FOR BENDS

NOT TO SCALE



PLAN



SECTION A–A

NOTES

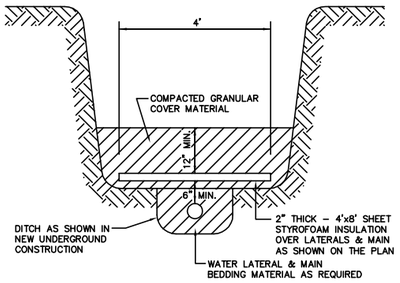
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Φ EQUAL TO OR LARGER THAN 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AS A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 psi.
5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

BUTTRESS DIMENSIONS				
B.D.	A	B	C	D
6"	1'–3"	1'–0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'–6"	1'–4"		
12"	2'–3"	2'–0"		
16"	3'–2"	2'–6"		
20"	4'–0"	3'–0"		
24"	5'–3"	3'–4"		
30"	6'–3"	4'–3"		

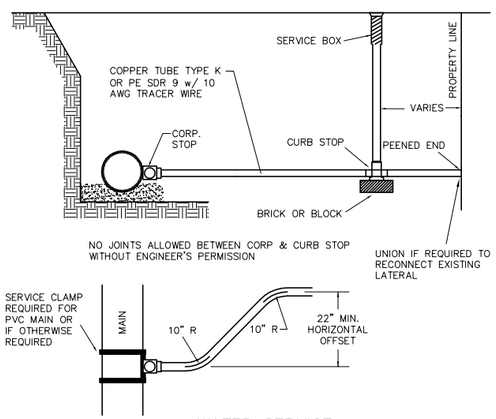
B.D. = BRANCH DIAMETER

BUTTRESS FOR TEES

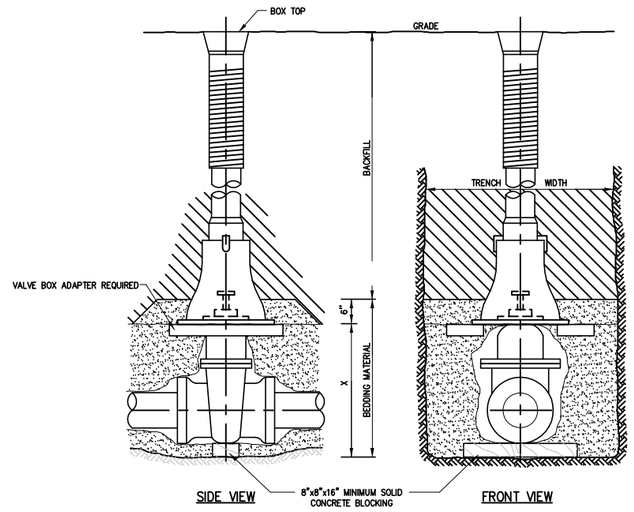
NOT TO SCALE



INSULATION DETAIL

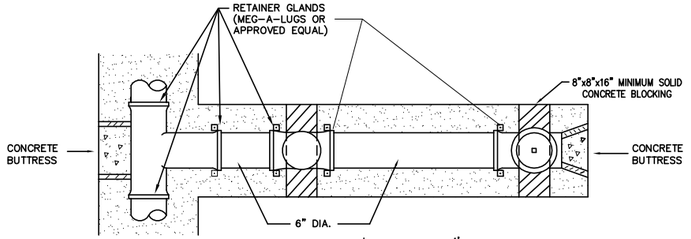


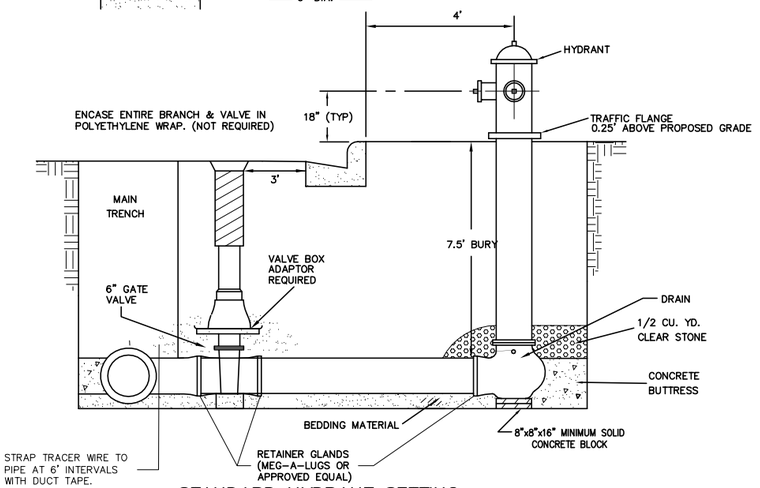
WATER SERVICE
(NOT TO SCALE)



PIPE DIA. INCHES	X=SETTING INCHES
2	6
3	7
4	8
6	12
8	13
12	21
16	30

STANDARD GATE VALVE BOX SETTING





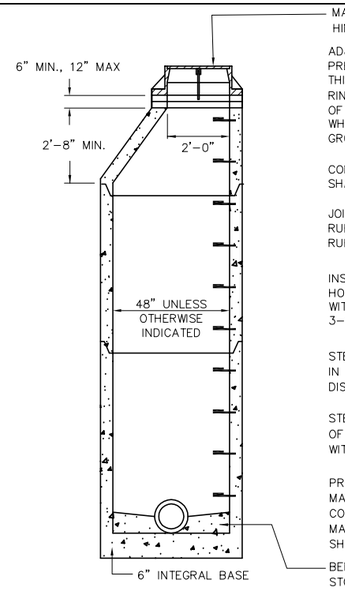
STANDARD HYDRANT SETTING

NOT TO SCALE

PROJECT NO:1661-05-86	HWY:USH 35	COUNTY:CRAWFORD	SEWER AND WATER DETAILS	SCALE, FEET 0 N/A	SHEET NO: 5	E

FILE NAME :$$....designfile....$$ PLOT DATE : $$...plottingdate...$$ PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

LEVELS ON 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



MANHOLE CASTING: MANHOLE COVERS TYPE J HINGED–SPECIAL, SELF SEALING

ADJUST FRAME WITH A MINIMUM OF 2 PRECAST CONCRETE RINGS OF VARIABLE THICKNESS, 2" MIN. TO 6" MAX. CONCRETE RINGS SHALL BE REINFORCED WITH ONE LINE OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY RINGS SHALL BE GROOVED TO RECEIVE STEP.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO ASTM C478.

JOINTS SHALL BE WATERTIGHT: RUBBER GASKETS OR FLEXIBLE BUTYL RUBBER GASKETS/ROPE.

INSTALLED STEPS SHALL WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3–1/2" AND CENTERED ON THE RUNG.

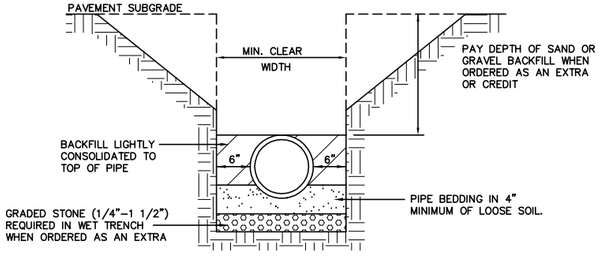
STEPS SHALL BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DISTANCE OF 16" ON CENTER.

STEPS SHALL BE GRAY CAST IRON OR FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

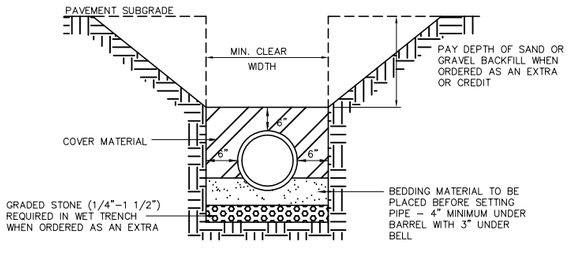
PROVIDE FLEXIBLE WATERTIGHT PIPE–TO–MANHOLE SEAL FOR ALL FLEXIBLE SEWER CONNECTIONS. FILL SPACE BETWEEN PIPE AND MANHOLE BARREL WITH GROUT. LIFT HOLES SHALL BE FILLED WITH NON–SHRINK GROUT

BENCH SLOPE:
STORM MANHOLE – 1" PER FOOT
SANITARY MANHOLE – 2" PER FOOT

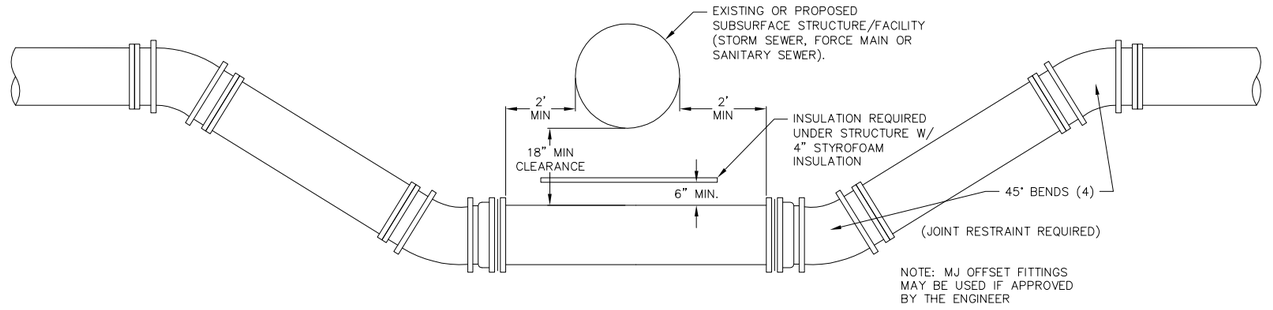
PRECAST CONCRETE MANHOLE



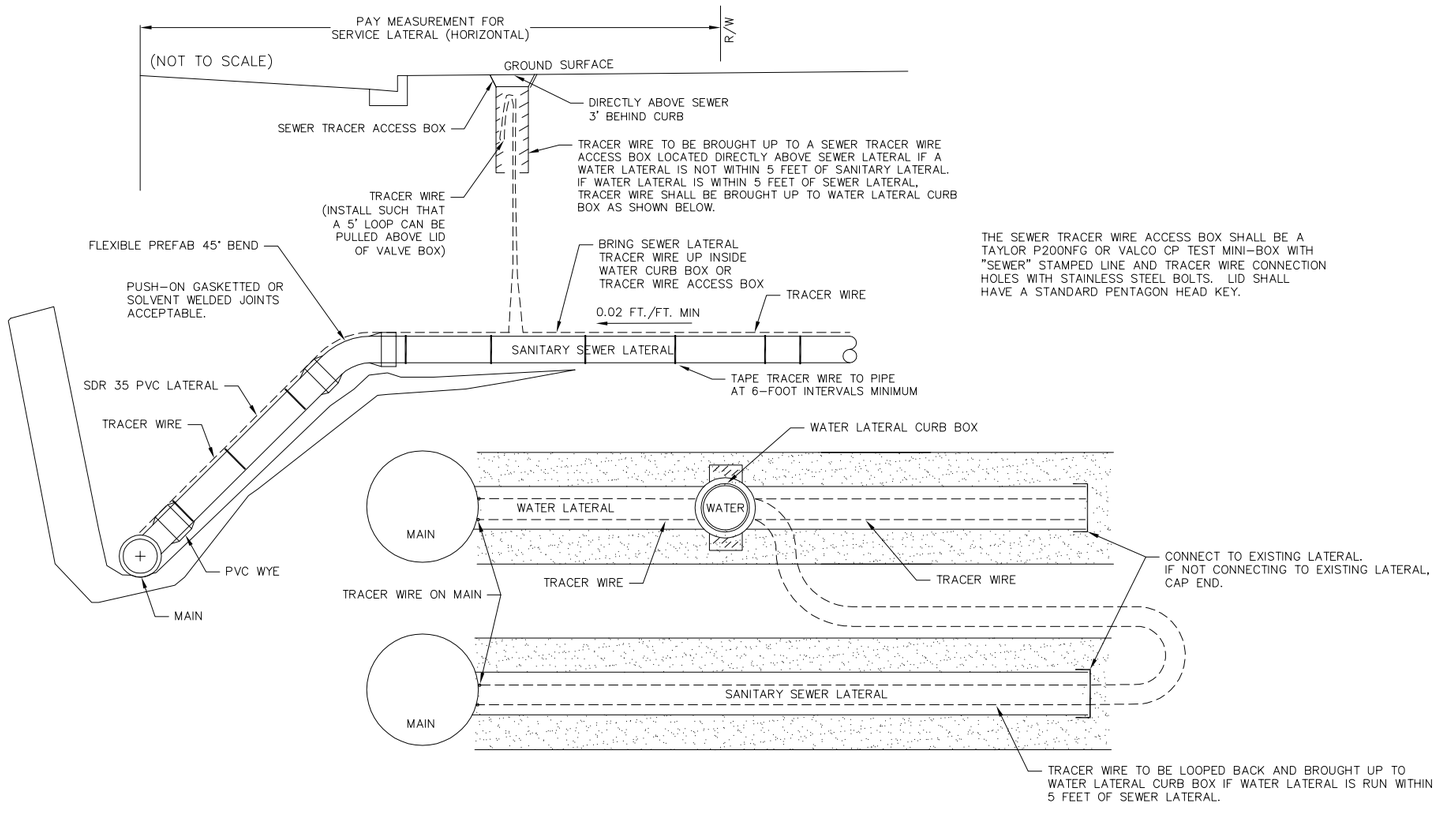
TYPE 3 LAYING CONDITIONS
(NOT TO SCALE)



CLASS "C" BEDDING
(NOT TO SCALE)



1/1 LOWERING WATERMAIN UNDER STORM/SANITARY
NOT TO SCALE



1/1 LATERAL WITH TRACER WIRE
NOT TO SCALE

PROJECT NO:1661-05-86	HWY:USH 35	COUNTY:CRAWFORD	SEWER AND WATER DETAILS	SCALE, FEET: N/A	SHEET NO: 6	E

LEVELS ON 1#,3,4,5,6,7,8,9,10 11 12 13 14 15 16 17 18 19,20,21,22,23,24,25,26,27,28,29,30 31 32,33 34 35,36 37 38,39,40 41 42,43 44,45,46,47,48,49,50 51 52,53 54,55,56,57,58,59,60 61 62,63

1661-05-86

Line	Item	Item Description	Unit	Total	Qty
0146	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-inch	SY	16.000	16.000
0150	618.0100	Maintenance And Repair of Haul Roads (project) 02. 1661-05-86	EACH	1.000	1.000
0152	619.1000	Mobilization	EACH	0.100	0.100
0402	SPV.0060	Special 06. Connect to Existing Water Main	EACH	11.000	11.000
0404	SPV.0060	Special 07. 1-inch Curb Valve W/ Box	EACH	11.000	11.000
0406	SPV.0060	Special 08. 1-inch Corporation Stop	EACH	11.000	11.000
0408	SPV.0060	Special 09. Union to Reconnect Existing Lateral, 1-inch or Smaller	EACH	11.000	11.000
0410	SPV.0060	Special 10. Union to Reconnect Existing Lateral, 2-inch	EACH	4.000	4.000
0412	SPV.0060	Special 11. 2-inch Curb Valve W/ Box	EACH	4.000	4.000
0414	SPV.0060	Special 12. 2-inch Corporation Stop	EACH	4.000	4.000
0416	SPV.0060	Special 13. Gate Valve with Box, 6-inch	EACH	20.000	20.000
0418	SPV.0060	Special 14. Gate Valve with Box, 8-inch	EACH	8.000	8.000
0420	SPV.0060	Special 15. Relocate Existing Hydrant	EACH	1.000	1.000
0422	SPV.0060	Special 16. Hydrant	EACH	9.000	9.000
0424	SPV.0060	Special 17. Connect to Existing Sanitary Sewer	EACH	8.000	8.000
0426	SPV.0060	Special 18. Sanitary Wye, 8-inch X 4-inch, PVC	EACH	21.000	21.000
0428	SPV.0060	Special 19. Sanitary Wye, 8-inch X 6-inch, PVC	EACH	1.000	1.000
0430	SPV.0060	Special 20. Reconnect Lateral W/ Flexible Connector	EACH	19.000	19.000
0432	SPV.0060	Special 21. Tracer Wire Access Box	EACH	22.000	22.000
0434	SPV.0060	Special 22. Replace and Adjust Manhole Casting	EACH	7.000	7.000
0436	SPV.0060	Special 23. Sanitary Manhole, 48-inch Precast Concrete, W/ Casing	EACH	12.000	12.000
0442	SPV.0090	Special 01. Water Service, 1-inch Copper	LF	384.000	384.000
0444	SPV.0090	Special 02. Water Service PE SDR9, 2-Inch W/ 10 AWG Tracer Wire	LF	279.000	279.000
0446	SPV.0090	Special 03. Water Main, 6-inch, DI, Class 52	LF	1,214.000	1,214.000
0448	SPV.0090	Special 04. Water Main, 8-inch, DI, Class 52	LF	1,667.000	1,667.000
0450	SPV.0090	Special 05. 12" Steel Casing Pipe	LF	69.000	69.000
0452	SPV.0090	Special 06. Sanitary Sewer Lateral, 4-inch, PVC, SDR 35, W/ 10 AWG Tracer Wire	LF	514.000	514.000
0454	SPV.0090	Special 07. Sanitary Sewer Lateral, 6-inch, PVC, SDR 35, W/ 10 AWG Tracer Wire	LF	32.000	32.000
0456	SPV.0090	Special 08. Sanitary Sewer, 8-inch, PVC, SDR 35	LF	2,789.000	2,789.000
0458	SPV.0090	Special 09. Sanitary Sewer, 10-inch, PVC, SDR 35	LF	32.000	32.000
0460	SPV.0090	Special 10. Sanitary Sewer, 12-inch, PVC, SDR 35	LF	428.000	428.000
0470	SPV.0105	Special 03. Abandon Existing Water Mains, Valves, Hydrants	LS	1.000	1.000
0472	SPV.0105	Special 04. Abandon Existing Sanitary Mains and Manholes	LS	1.000	1.000

Sanitary Laterals

CATEGORY	STATION	LOCATION	SPV.0090.06 SANITARY LATERAL, 4-INCH PVC, SDR 35, W/ 10 AWG TRACER WIRE LF	SPV.0090.07 SANITARY LATERAL, 6-INCH PVC, SDR 35, W/ 10 AWG TRACER WIRE LF	SPV.0060.18 SANITARY WYE, 8-INCH X 4-INCH, PVC EA	SPV.0060.19 SANITARY WYE, 8-INCH X 6-INCH, PVC EA	SPV.0060.20 RECONNECT LATERAL W/ FLEXIBLE CONNECTOR EA	SPV.0060.21 TRACER WIRE ACCESS BOX EA
0020	11+01, 25' RT	PRAIRIE ST		32		1	1	1
0020	53+61, 46' RT	STH 35	23		1			1
0020	54+38, 46' RT	STH 35	19		1			1
0020	55+39, 46' RT	STH 35	21		1			1
0020	56+46, 46' RT	STH 35	23		1		1	1
0020	57+28, 46' RT	STH 35	22		1		1	1
0020	58+35, 46' RT	STH 35	25		1		1	1
0020	60+20, 46' RT	STH 35	24		1		1	1
0020	61+30, 46' RT	STH 35	24		1		1	1
0020	63+32, 46' RT	STH 35	24		1		1	1
0020	64+48, 46' RT	STH 35	24		1		1	1
0020	67+24, 66' RT	STH 35	45		1		1	1
0020	68+99, 46' RT	STH 35	24		1		1	1
0020	70+89, 46' RT	STH 35	24		1		1	1
0020	72+61, 46' RT	STH 35	24		1		1	1
0020	73+08, 46' RT	STH 35	24		1		1	1
0020	73+87, 46' RT	STH 35	24		1		1	1
0020	74+61, 46' RT	STH 35	24		1		1	1
0020	75+02, 46' RT	STH 35	24		1		1	1
0020	76+81, 46' RT	STH 35	24		1		1	1
0020	77+40, 46' RT	STH 35	24		1		1	1
0020	11+17, 18' RT	CRAWFORD	24		1		1	1
	TOTAL		514	32	21	1	19	22

CONNECT TO EXISTING SANITARY SEWER

CATEGORY	LOCATION	SPV.0060.17 CONNECT TO EXISTING SANITARY SEWER EA
0020	PROJECT	8
TOTAL		8

ABANDON EXISTING SANITARY MAINS & MANHOLES

CATEGORY	LOCATION	SPV.0105.04 ABANDON EXISTING SANITARY MAINS AND MANHOLES LS
0020	PROJECT	1
TOTAL		1

REPLACE MANHOLE COVERS

CATEGORY	STATION	LOCATION	SPV.0060.22 REPLACE AND ADJUST MANHOLE COVERS EACH
0020	---	STH 35 & LA POINTE INTERSECTION	1
0020	19+25 LT	STH 35	1
0020	22+75 LT	STH 35	1
0020	25+00 LT	STH 35	1
0020	27+60 LT	STH 35	1
0020	42+75 LT	STH 35	1
0020	42+76 RT	STH 35	1
	TOTAL		7

SANITARY SEWER PIPE SUMMARY

CATEGORY	FROM STR.	TO STR.	SPV.0090.08 SANITARY SEWER MAIN, 8-INCH PVC, SDR 35 LF	SPV.0090.09 SANITARY SEWER MAIN, 10-INCH PVC, SDR 35 LF	SPV.0090.10 SANITARY SEWER MAIN, 12-INCH PVC, SDR 35 LF
0020	EXTG	SMH 47	42		
0020	EXTG	SMH 53		12	
0020	EXTG	SMH 53		20	
0020	SMH 53	SMH 54	169		
0020	SMH 54	SMH 55	400		
0020	SMH 55	SMH 56	400		
0020	SMH 56	SMH 57	362		
0020	SMH 57	SMH 58	348		
0020	EXTG	SMH 62			67
0020	SMH 62	SMH 67			357
0020	SMH 67	EXTG	20		
0020	SMH 67	EXTG	25		
0020	SMH 67	EXTG			4
0020	SMH 62	SMH 63	400		
0020	SMH 63	SMH 64	400		
0020	SMH 64	SMH 65	223		
	TOTAL		2789	32	428

MANHOLES

CATEGORY	STATION	LOCATION	STRUCTURE I.D.	SPV.0060.23 SANITARY SEWER MANHOLE, 48-INCH, PRECAST CONCRETE, W/ CASTING EACH
0020	10+82	PRAIRIE ST	SMH 47	1
0020	53+56 RT	STH 35	SMH 65	1
0020	55+83 RT	STH 35	SMH 64	1
0020	59+84 RT	STH 35	SMH 63	1
0020	63+84 RT	STH 35	SMH 62	1
0020	64+46 RT	STH 35	SMH 58	1
0020	67+94 RT	STH 35	SMH 57	1
0020	71+55 RT	STH 35	SMH 56	1
0020	75+55 RT	STH 35	SMH 55	1
0020	79+55 RT	STH 35	SMH 54	1
0020	13+80 RT	BROADWAY	SMH 67	1
0020	11+91 LT	CRAWFORD	SMH 53	1
	TOTAL			12

WATER LATERALS

CATEGORY	STATION	LOCATION	SPV.0090.01 WATER SERVICE, 1-INCH COPPER LF	SPV.0090.02 WATER SERVICE PE SDR9, 2-INCH W/ 10 AWG TRACER WIRE LF	SPV.0090.03 WATERMAIN, 6-INCH DI CLASS 52, INCLUDING FITTINGS LF	SPV.0060.08 1-INCH CORPORATION STOP EA	SPV.0060.07 1-INCH CURB VALVE W/ BOX EA	SPV.0060.12 2-INCH CORPORATION STOP EA	SPV.0060.11 2-INCH CURB VALVE W/ BOX EA	SPV.0060.09 UNION TO RECONNECT EXISTING LATERAL, 1-INCH OR SMALLER EA	SPV.0060.10 UNION TO RECONNECT EXISTING LATERAL, 2-INCH EA
0010	10+23, 24' LT	LOCKWOOD	19			1	1			1	
0010	11+43, 37' RT	LOCKWOOD	38			1	1			1	
0010	11+39, 50' RT	LOCKWOOD	25			1	1			1	
0010	10+33, 48' LT	11TH	48			1	1			1	
0010	9+71, 22' RT	PARRISH			30						
0010	12+15, 94' RT	PARRISH		105				1	1		1
0010	10+93, 34' LT	CRAWFORD	40			1	1			1	
0010	69+06, 46' RT	STH 35		34				1	1		1
0010	70+95, 46' RT	STH 35	34			1	1			1	
0010	73+04, 56' RT	STH 35	44			1	1			1	
0010	73+34, 46' RT	STH 35	34			1	1			1	
0010	74+40, 46' RT	STH 35	34			1	1			1	
0010	75+24, 46' RT	STH 35	34			1	1			1	
0010	77+28, 46' RT	STH 35	34			1	1			1	
0010	N/A	LA POINTE ST		140				2	2		2
	TOTAL		384	279	30	11	11	4	4	11	4

WATER MAIN SUMMARY

CATEGORY	STATION	LOCATION	SPV.0090.03 WATERMAIN, 6-INCH DI CLASS 52, INCLUDING FITTINGS LF	SPV.0090.04 WATERMAIN, 8-INCH DI CLASS 52, INCLUDING FITTINGS LF	SPV.0090.03 HYDRANT LEAD WATERMAIN, 6-INCH DI CLASS 52, INCLUDING FITTINGS LF	SPV.0060.16 HYDRANT EA	SPV.0060.15 RELOCATE EXISTING HYDRANT EA
0010	22+45, 48' LT	STH 35	-	-	-	-	1
0010	67+69 - 79+46	STH 35		1177			
0010	72+30, RT	STH 35			20	1	
0010	.10+12 - 10+98	LOCKWOOD - 11TH	475				
0010	10+50, LT	LOCKWOOD			16	1	
0010	9+63, LT	11TH			13	1	
0010	9+46 - 13+32	PARRISH	420				
0010	10+68, LT	PARRISH			13	1	
0010	13+23, LT	PARRISH			12	1	
0010	12+00	BROADWAY	87				
0010	12+10, 27' LT	BROADWAY			22	1	
0010	9+50 - 12+28	WELLS		280			
0010	12+25	WELLS	50				
0010	10+51, LT	WELLS			12	1	
0010	12+43, RT	WELLS			19	1	
0010	10+14 - 11+80	CRAWFORD		210			
0010	10+61, LT	CRAWFORD			25	1	
	TOTAL		1032	1667	152	9	1

WATER VALVE SUMMARY

CATEGORY	STATION	LOCATION	SPV.006013 GATE VALVE W/ BOX, 6-INCH EA	SPV.0060.14 GATE VALVE W/ BOX, 8-INCH EA
0010	10+12, 5' LT	LOCKWOOD	1	
0010	10+46, 8' LT	LOCKWOOD	1	
0010	9+63, 9' LT	11TH	1	
0010	10+94, 3' LT	11TH	1	
0010	9+50, 8' LT	PARRISH	1	
0010	9+71, 5' LT	PARRISH	1	
0010	10+64, 12' LT	PARRISH	1	
0010	10+73, 8' LT	PARRISH	1	
0010	11+84, 8' LT	PARRISH	1	
0010	13+24, 12' LT	PARRISH	1	
0010	13+28, 8' LT	PARRISH	1	
0010	11+88, 25' RT	BROADWAY	1	
0010	11+92, 27' LT	BROADWAY	1	
0010	11+88, 25' RT	BROADWAY	1	
0010	67+74, 39' LT	STH 35		1
0010	10+46, 8' LT	WELLS		1
0010	10+52, 11' LT	WELLS	1	
0010	12+21, 8' LT	WELLS		1
0010	12+24, 6' LT	WELLS	1	
0010	12+30, 24' RT	WELLS	1	
0010	12+24, 26' RT	WELLS	1	
0010	10+44, 5' RT	CRAWFORD		1
0010	10+61, 0' RT	CRAWFORD	1	
0010	11+80, 23' LT	CRAWFORD		1
0010	11+97, 6' RT	CRAWFORD		1
0010	67+73, 12' RT	STH 35		1
0010	72+30, 17' RT	STH 35	1	
0010	72+35, 13' RT	STH 35		1
	TOTAL		20	8

ABANDON EXISTING WATERMAINS, VALVES, HYDRANTS

STATION	LOCATION	SPV.0105.03 ABANDON EXISTING WATERMAINS, VALVES, HYDRANTS LS
0010	PROJECT	1
TOTAL		1

CONNECT TO EXISTING WATER MAIN

CATEGORY	LOCATION	SPV.0060.06 CONNECT TO EXISTING WATER MAIN EA
0010	PROJECT	11
TOTAL		11

WATERMAIN INSULATION

CATEGORY	STATION	LOCATION	Item 612.0902.S Insulation Board Polystyrene, 2-inch SY
0010	12+24	WELLS	4
0010	12+61	PARRISH	4
0010	41+18	STH 35	4
0010	67+72	STH 35	4
	TOTAL		16

CASING PIPE SUMMARY

CATEGORY	STATION	LOCATION	SPV.0090.05 12" STEEL CASING PIPE LF
0010	10+99 - 11+68	PARRISH	69
CATEGORY 0010 TOTAL			69

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

CULVER'S

CONTRACTOR TO PROVIDE TEMPORARY WATER TO CULVER'S WHEN RELOCATING EXISTING HYDRANT AT STA 22+45

GRAPHIC SCALE FEET
0 10 20 40

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

EX 48" SMH
RIM=649.68
IE=637.10 S
IE=637.10 NW
IE=637.10 NE

EX 48" SMH
RIM=650.18
IE=637.56 SE
IE=637.56 NW

REPLACE MANHOLE CASTING AND ADJUST RIM AS REQ'D RIM=649.68

REPLACE MANHOLE CASTING AND ADJUST RIM AS REQ'D RIM=650.10

ADJUST EXTG VALVES

ADJUST EXTG CURB STOP

REMOVE EXTG CURB BOXES

STORM SEWER - SEE STORM SEWER PLAN

2 - 2" WATER SERVICES

EX 48" SMH
RIM=650.15
IE=637.55 SW

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

SEE SHEET - P&P 16

SEE SHEET - P&P 2

S.T.H. '35'

LA POINTE ST

CANOPY

FILLER

PVI STA = 17+68.86
ELEV = 650.32

PVC: 19+06.01
ELEV: 649.93

LOW PT STA: 20+05.19
LOW PT ELEV: 649.78
PVI STA: 20+06.01
PVI ELEV: 649.63
K: 330.62
LVC: 200.00

PVT: 21+06.01
ELEV: 649.93
ELEV: 649.95

-0.30%

0.30%

EXISTING GRADE @ REFERENCE LINE

PROPOSED GRADE @ REFERENCE LINE

PROPOSED STORM SEWER - SEE STORM SEWER PLAN

PROPOSED STORM SEWER - SEE STORM SEWER PLAN

EX 245'-12" PVC SAN @ 0.19%

EX 344'-12" PVC SAN @ 0.26%

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

| | | |

STA 22+45, 48' LT
RELOCATE EXTG HYDRAMT
5'-6" WATER MAIN
ADJUST EXTG VALVE AS REQ'D

CONTRACTOR TO PROVIDE TEMPORARY WATER TO CULVER'S DURING RELOCATION OF EXISTING HYDRANT AT STA 22+45

GRAPHIC SCALE FEET
0 10 20 40

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

ADJUST EXISTING WATER VALVE AS REQ'D

REPLACE EXISTING CASTING AND ADJUST RIM AS REQ'D RIM=649.10

EX 48" SMH
RIM=649.70
IE=639.13 SE
IE=639.14 NW

EX 48" SMH
RIM=650.20
IE=638.46 SE
IE=638.04 NW
IE=638.46 N

REPLACE EXISTING CASTING AND ADJUST RIM AS REQ'D RIM=650.20

REPLACE EXISTING CASTING AND ADJUST RIM AS REQ'D RIM=649.70

S.T.H. '35'

SEE SHEET - P&P 1

SEE SHEET - P&P 3

22+00 22+50 23+00 23+50 24+00 24+50 25+00 25+50 26+00 26+50 27+00 27+50 28+00

BEG: 10+00.00

10+50

END: 10+79.08

15TH ST

EX 48" SMH
RIM=650.13
IE=639.23 S
IE=639.23 N
IE=640.43 NE

EX 48" SMH
RIM=650.72
IE=641.72 NW
IE=641.72 NE

EX 48" SMH
RIM=651.05
IE=641.05 SW
IE=641.05 SE
IE=641.05 E

EX 48" SMH
RIM=649.10
IE=639.80 SE
IE=639.80 SW

STORM SEWER - SEE STORM SEWER PLAN

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW.

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

HIGH PT STA: 22+16.08
HIGH PT ELEV: 650.11
PVI STA: 22+50.01
PVI ELEV: 650.37
K: 347.86
LVC: 280.00

LOW PT STA: 26+80.58
LOW PT ELEV: 648.57
PVI STA: 26+90.02
PVI ELEV: 648.17
K: 281.11
LVC: 300.00

PVT: 23+90.01
ELEV: 649.67

PVC: 25+40.02
ELEV: 648.92

-0.50%

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

PROPOSED STORM SEWER - SEE STORM SEWER PLAN

EX 228'-12" PVC SAN @ 0.48%

EX 259'-8" PVC SAN @ 0.26%

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

| | | |

SEE SHEET – P&P 2

SEE SHEET – P&P 4

S.T.H. '35'

28+00 28+50 29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50 33+00 33+50

BGP: 10+00.00

10+50

11+00

PC: 10+69.19

PRAIRIE ST

STORM SEWER – SEE STORM SEWER PLAN

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

47: 48" CONC SMH
RIM=651.52
IE=646.13 N
IE=646.16 E

CONNECT TO EXTG LATERAL
31'–6" SANITARY SEWER
(FIELD VERIFY EXTG IE PRIOR TO SANITARY SEWER CONSTRUCTION)

EX 48" SMH
RIM=651.55
IE=646.05 N
IE=646.05 E

42'–8" PVC SAN @ 0.30%
CONNECT TO EXTG MANHOLE
IE=646.00

EX 48" SMH
RIM=651.77
IE=645.99 N
IE=645.99 S
IE=646.00 E

EXISTING PRIVATE LIFT STATION TO REMAIN

LEGEND

PROPOSED PIPE INSULATION (4'X8'X2")

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START–UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

GRAPHIC SCALE FEET
0 10 20 40

SMH 47
32+66.9, 82.5' R
RIM=651.52
IE=646.13 N
IE=646.16 E

EX 48" SMH
RIM=651.55
IE=646.05 N
IE=646.05 E

EX 48" SMH
RIM=651.77
IE=645.99 N
IE=645.99 S
IE=646.00 E

PVT: 28+40.02
ELEV: 649.02

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

0.57%

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EX 33'–6" PVC SAN @ 1.07%

42'–8" PVC SAN @ 0.30%

31'–6" PVC SAN @ 0.71%

660 655 650 645 640 635 630 625

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50
648.73	648.83	648.94	649.08	649.22	649.36	649.51	649.65	649.79	649.93	650.07	650.21
650.36	650.50	650.64	650.78	650.92	651.07	651.21	651.35	651.49	651.63	651.77	651.92	652.06

PROJECT NO:1661–05–86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 3

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N–S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

SEE SHEET – P&P 3

SEE SHEET – P&P 5

S.T.H. '35'

34+00 34+50 35+00 35+50 36+00 36+50 37+00 37+50 38+00 38+50 39+00

STORM SEWER – SEE STORM SEWER PLAN

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

GRAPHIC SCALE FEET
0 10 20 40

0.30%
G MANHOLE

PVI STA = 33+50
ELEV = 652.06

660 655 650 645 640 635 630 625

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

0.39%

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EXISTING CL ELEVATION

PROPOSED FINISHED GRADE

33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50	39+00	39+50
651.9 / 651.92	652.0 / 652.06	652.1 / 652.20	652.2 / 652.30	652.3 / 652.39	652.3 / 652.49	652.4 / 652.59	652.5 / 652.68	652.6 / 652.78	652.7 / 652.88	652.8 / 652.97	652.9 / 653.07	653.0 / 653.17	653.1 / 653.26	653.2 / 653.36	653.3 / 653.46	653.4 / 653.55	653.4 / 653.65	653.5 / 653.75	653.6 / 653.84	653.7 / 653.94	653.8 / 654.04	653.8 / 654.13	653.9 / 654.23	654.0 / 654.33

PROJECT NO:1661-05-86 | HWY:STH 35 | COUNTY:CRAWFORD | SANITARY SEWER AND WATER MAIN – P&P 4

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N-S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREWOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

GRAPHIC SCALE FEET
0 10 20 40

LOCKWOOD ST
11TH ST
10TH ST
S.T.H. '35'
SIGN
SIGN

PROPOSED 6" WATER MAIN

EP: 10+98.25
BP: 10+00.00
PC: 10+40.42
BP: 10+00.00
PT: 11+07.47
EP: 11+86.37

ADJUST EXISTING SANITARY MANHOLE AS REQ'D REPLACE MANHOLE CASTING RIM=654.70

ADJUST EXISTING SANITARY MANHOLE AS REQ'D REPLACE MANHOLE CASTING RIM=654.70

EX 48" SMH
RIM=654.62
IE=644.42 NE
IE=644.42 S

EX 48" SMH
RIM=654.72
IE=644.22 N
IE=644.22 SW

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

STORM SEWER – SEE STORM SEWER PLAN

SEE PLAN & PROFILE 13 FOR WATER MAIN

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

SEE SHEET – P&P 4
SEE SHEET – P&P 6

PVC: 42+48.01
ELEV: 655.48

PROPOSED GRADE @ REFERENCE LINE
EXISTING GRADE @ REFERENCE LINE

PROPOSED STORM SEWER – SEE STORM SEWER PLAN
6" WATERMAIN

EX 48" SMH
RIM=655.05
IE=644.70 N
IE=644.70 S
IE=644.70 W

EX 48" SMH
RIM=654.62
IE=644.42 NE
IE=644.42 S

EX 48" SMH
RIM=654.72
IE=644.22 N
IE=644.22 SW

EX 78'-8" PVC SAN @ 0.36%

EX 415'-8" PVC SAN @ 0.19%

EXISTING GL ELEVATION
PROPOSED FINISHED GRADE

| | | |

5

SEE SHEET – P&P 5

SEE SHEET – P&P 7

EX 48" SMH
RIM=652.78
IE=648.36 S
IE=649.00 NW
IE=648.36 W

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

S.T.H. '35'

CAMPION BLVD

TBP: 10+00.00

PI: 48+83.09
PC: 48+86.95

GRAPHIC SCALE FEET
0 10 20 40

STORM SEWER – SEE STORM SEWER PLAN

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

PVI: 46+48.01
ELEV: 653.66

PVC: 49+97.20
ELEV: 649.13

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

-1.30%

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

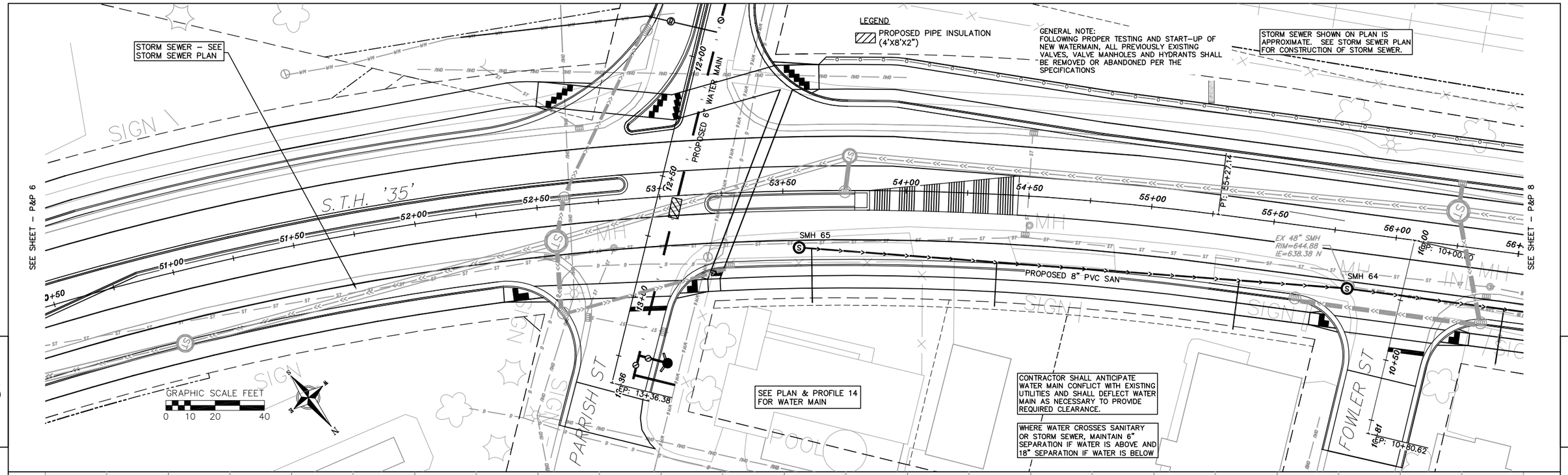
45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00
655.3	655.2	655.1	655.0	654.8	654.6	654.4	654.2	653.9	653.6	653.3	653.0	652.6
655.11	654.93	654.72	654.49	654.23	653.94	653.63	653.31	652.98	652.66	652.33	652.01	651.68
652.2	651.8	651.4	651.0	650.6	650.2	649.8	649.5	649.1	648.7	648.3	647.9	
651.36	651.04	650.71	650.39	650.06	649.74	649.41	649.09	648.78	648.48	648.19	647.93	

PROJECT NO:1661–05–86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 6

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N–S.DWG

PLOT DATE : 11/11

PLOT BY : PAUL JUNION



PROJECT NO:1661–05–86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 7

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N–S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

LEGEND

PROPOSED PIPE INSULATION (4'X8'X2")

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

SEE SHEET - P&P 7

SEE SHEET - P&P 9

5

5

STORM SEWER - SEE STORM SEWER PLAN

PVI: 59+73.63

PVI: 10+00.00

56+50 57+00 57+50 58+00 58+50 59+00 59+50 60+00 60+50 61+00 61+50 62+00

S.T.H. '35'

SMH 63

PROPOSED 8" PVC SAN

PROPOSED 8" PVC SAN

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

BRUNSON ST

10+50

11+00

EX 48" SMH
RIM=645.53
IE=637.24 N
IE=637.24 S

ABANDON EXTG SAN MANHOLE AS REQ'D

GRAPHIC SCALE FEET
0 10 20 40

660 655 650 645 640 635 630 625

HIGH PT STA: 59+68.64
HIGH PT ELEV: 646.19
PVI STA: 60+00.01
PVI ELEV: 646.48
K: 362.19
LVC: 300.00

PVT: 58+24.23
ELEV: 645.91

PVC: 58+50.01
ELEV: 645.99

PVT: 61+50.01
ELEV: 645.73

0.33%

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

PROPOSED STORM SEWER - SEE STORM SEWER PLAN

400'-8" PVC SAN @ 0.29%

EX 399'-10" PVC SAN @ 0.29%

400'-8" PVC SAN @ 0.31%

SMH 63
59+83.7, 23.0' R
RIM=645.66
IE=637.24 N
IE=637.24 S

EX 400'-

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00
645.3 645.57	645.4 645.57	645.4 645.59	645.5 645.62	645.6 645.66	645.6 645.71	645.7 645.76	645.8 645.83	645.8 645.91	645.9 645.99	646.0 646.06	645.9 646.12	645.9 646.16	645.8 646.18	646.7 646.18	645.5 646.17	645.5 646.14	646.4 646.09	645.3 646.03	645.2 645.95	645.1 645.85	645.0 645.73	644.9 645.61	644.8 645.48	644.7 645.36

PROJECT NO:1661-05-86 | HWY:STH 35 | COUNTY:CRAWFORD | SANITARY SEWER AND WATER MAIN - P&P 8

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N-S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

LEGEND

PROPOSED PIPE INSULATION (4'X8'X2")

STA 63+90, 44' LT
CONNECT TO EXTG
12" SAN SEWER
IE=635.64
(CONTRACTOR TO
FIELD VERIFY)

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

GRAPHIC SCALE FEET
40

STORM SEWER – SEE STORM SEWER PLAN

SEE SHEET – P&P 8

SEE SHEET – P&P 10

62+00 62+50 63+00 63+50 64+00 64+50 65+00 65+50 66+00 66+50 67+00 67+50 68+00

PI: 67+62.62

S.T.H. '35'

SMH 62

SMH 58

SMH 57

PROPOSED 8" PVC SAN

PROPOSED 8" PVC SAN

BROADWAY ST

WELLS ST

EX 48" SMH
RIM=643.95
IE=635.98 W
IE=635.98 S
IE=635.98 E
IE=635.98 N

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

SEE SHEET – P&P 15

FILLER CAPS

CANOPY

SEE SHEET – P&P 16

EX 48" SMH
RIM=642.38
IE=634.67 S
IE=634.61 N

PROPOSED 8" SEWER MAIN

660 655 650 645 640 635 630 625

EX 48" SMH
RIM=643.95
IE=635.98 W
IE=635.98 S
IE=635.98 E
IE=635.98 N

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

-0.50%

PVI STA = 67+91.17
ELEV = 642.52

EX 400'-10" PVC SAN @ 0.32%

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EX 370'-10" PVC SAN @ 0.35%

400'-8" PVC SAN @ 0.31%

348'-8" PVC SAN @ 0.32%

SMH 62
63+83.7, 23.0' R
RIM=644.08
IE=635.98 W
IE=635.98 E
IE=635.98 S

SMH 58
64+45.9, 23.0' R
RIM=643.67
IE=635.85 N

SMH 57
67+93.7, 22.7' R
RIM=642.49
IE=634.71 N
IE=634.74 S

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

644.8	645.48	644.7	645.36	644.6	645.23	644.5	645.11	644.4	644.98	644.3	644.86	644.2	644.73	644.1	644.60	643.9	644.48	643.8	644.35	643.8	644.23	643.7	644.10	643.6	643.98	643.5	643.85	643.4	643.73	643.3	643.60	643.2	643.48	643.1	643.35	643.0	643.23	642.9	643.10	642.8	642.98	642.7	642.85	642.6	642.73	642.5	642.60	642.4	642.48
62+00		62+50		63+00		63+50		64+00		64+50		65+00		65+50		66+00		66+50		67+00		67+50		68+00																									

PROJECT NO:1661-05-86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 9

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N-S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

SEE SHEET – P&P 9

SEE SHEET – P&P 11

STORM SEWER – SEE STORM SEWER PLAN

68+00 68+50 69+00 69+50 70+00 70+50 71+00 71+50 72+00 72+50 73+00 73+50

0+00.00

S.T.H. '35'

SMH 57

10.0'

PROPOSED 8" WATER MAIN

PROPOSED 8" PVC SAN

SMH 56

PROPOSED 8" PVC SAN

GRAPHIC SCALE FEET
0 10 20 40

2" WATER LAT CONNECT TO EXTG 1.5"

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

CONTRACTOR TO PROVIDE TEMPORARY WATER TO HARDEES, SUBWAY, AND THE LAUNDROMAT DURING WATER MAIN CONSTRUCTION.

HARDEES

SUBWAY

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

EX 48" SMH
RIM=639.48
IE=633.28 N
IE=633.28 S

REMOVE EXTG HYDRANT

ABANDON EXTG SAN MH

1 – NEW HYDRANT
STA 72+30, 33' RT
1 – 6" VALVE, 17' RT
1 – 8"x6" TEE, 13' RT
20LF – 6" D.I. WM

STA 72+34 13' RT
8" VALVE

EXCALIBUR LAUNDROMAT

660 655 650 645 640 635 630 625

PVI STA = 67+91.17
ELEV = 642.52

8" SMH
642.38
34.67 S
34.61 N

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

EX 48" SMH
RIM=639.48
IE=633.28 N
IE=633.28 S

-0.42%

6.5' MIN COVER

580 LF 8" WATER MAIN

362'-8" PVC SAN @ 0.32%

SMH 56
71+55.3, 23.0' R
RIM=640.84
IE=633.53 N
IE=633.56 S

400'-8" PVC SAN @ 0.32%

EX 399'-10" PVC SAN @ 0.33%

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

642.5	642.4	642.3	642.2	642.1	642.0	641.9	641.8	641.7	641.6	641.5	641.4	641.3	641.2	641.1	641.0	640.9	640.8	640.7	640.6	640.5	640.4	640.3	640.2	640.1
642.60	642.48	642.38	642.28	642.17	642.07	641.96	641.86	641.75	641.65	641.54	641.44	641.34	641.23	641.13	641.02	640.92	640.81	640.71	640.60	640.50	640.40	640.29	640.19	640.08
68+00	68+50	69+00	69+50	70+00	70+50	71+00	71+50	72+00	72+50	73+00	73+50													

PROJECT NO:1661-05-86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 10

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N-S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

STORM SEWER – SEE STORM SEWER PLAN

SEE SHEET – P&P 10

SEE SHEET – P&P 12

5

5

660

655

650

645

640

635

630

625

73+50 74+00 74+50 75+00 75+50 76+00 76+50 77+00 77+50 78+00 78+50 79+00 79+50

S.T.H. '35'

PROPOSED 8" WATER MAIN

PROPOSED 8" PVC SAN

SMH 55

10.0'

PROPOSED 8" PVC SAN

EX 48" SMH
RIM=639.48
IE=631.98 N
IE=631.98 S

ABANDON EXTG SAN MANHOLE

1 – NEW HYDRANT
STA 75+68, 33' RT
1 – 6" VALVE, 17' RT
1 – 8"x6" TEE, 13' RT
20LF – 6" D.I. WM

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

GRAPHIC SCALE FEET
0 10 20 40

CRAWFORD ST

SMH 55
75+55.3, 23.0' R
RIM=639.27
IE=632.29 N
IE=632.26 S

EX 48" SMH
RIM=639.48
IE=631.98 N
IE=631.98 S

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

PVC: 77+50.10
ELEV: 638.52

LOW PT ST
LOW PT EL
PVI STA:
PVI ELEV
K: 55
LVC: 4

400'–8" PVC SAN @ 0.32%

6.5' MIN COVER

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

621 LF 8" WATER MAIN

400'–8" PVC SAN @ 0.33%

EX 426'–10" PVC SAN @ 0.31%

EX 376'–10" PVC SAN @ 0.27%

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

640.2	640.1	640.0	640.0	639.9	639.8	639.7	639.6	639.5	639.4	639.3	639.2	639.1	639.0	638.9	638.8	638.7	638.6	638.5	638.4	638.3	638.2	638.1	638.0	638.0
640.19	640.08	639.98	639.87	639.77	639.66	639.56	639.46	639.35	639.25	639.14	639.04	638.93	638.83	638.73	638.62	638.52	638.42	638.33	638.25	638.19	638.13	638.09	638.06	638.04

PROJECT NO:1661–05–86	HWY:STH 35	COUNTY:CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 11

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE N–S.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

STORM SEWER – SEE STORM SEWER PLAN

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

GRAPHIC SCALE FEET
0 10 20 40

SEE SHEET – P&P 11

S.T.H. '35'

MARQUETTE ST

CRAWFORD ST

PC: 79+77.12

12+50

13+

79+50 80+00 80+50 81+00 81+50 82+00 82+50

EP: 13+40.44

83+02.67

83+08.47

83+09.3

STA 79+46, 13' RT
8" TEE, CAP TO NORTH

SMH 54

EX 48" SMH
RIM=637.96
IE=630.96 E
IE=630.98 S

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

SEE PLAN & PROFILE 16 FOR WATER MAIN

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

SEE SHEET – P&P 16

SIGN

VACUUM

660 655 650 645 640 635 630 625

LOW PT STA: 79+82.88
LOW PT ELEV: 638.03
PVI STA: 79+50.10
PVI ELEV: 637.68
K: 557.39
LVC: 400.00

EX 48" SMH
RIM=637.96
IE=630.96 E
IE=630.98 S

PVT: 81+50.10
ELEV: 638.28

PVI STA = 82+56.51
ELEV = 638.60

EXISTING GRADE @ REFERENCE LINE

0.30%

PROPOSED GRADE @ REFERENCE LINE

SMH 54
79+55.3, 23.0' R
RIM=637.91
IE=630.95 E
IE=630.95 S

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

79+50	80+00	80+50	81+00	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00
638.0	638.06	638.04	638.0	638.03	638.0	638.03	638.0	638.05	638.1	638.07	638.2	638.11	638.2	638.15	638.3	638.21	638.4	638.28	638.5	638.36	638.6	638.43	638.6	638.51	638.6	638.58		

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

1 – NEW HYDRANT
STA 10+50, 18' LT
1 – 6" VALVE, 9' LT
1 – 6"x6" TEE, 5' LT
15.5LF – 6" D.I. WM

STA 10+12, 5.5' LT
6" TEE, PLUG SOUTH

STA 10+19, 6' LT
6" VALVE

STA 10+12, 7' RT
CONNECT TO EXTG 6" WM
13'-6" WATER MAIN
1 – 6"x6" TEE, PLUG NORTH

2" WATER SERVICE

1" WATER SERVICE

PROPOSED 6" WATER MAIN

1 – NEW HYDRANT
STA 9+63, 18' LT
1 – 6" VALVE, 10' LT
1 – 6"x6" TEE, 5.5' LT
12.5LF – 6" D.I. WM

STA 10+98, 3' LT
6" TEE, PLUG NORTH

STA 10+98, 11' RT
CONNECT TO EXTG 6" WM
14'-6" WATER MAIN
1 – 6"x6" TEE, PLUG SOUTH

STA 10+94, 3' LT
6" VALVE

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

STORM SEWER – SEE STORM SEWER PLAN

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

LOCKWOOD ST
17TH ST
S.T.H. '35'
11+92
11+50
11+00
10+50
10+00
9+50
9+00
11+03
PT: 10+00.00
PC: 10+98.25

GRAPHIC SCALE FEET
0 10 20 40

675
670
665
660
655
650
645
640

LOW PT STA:10+75.08
LOW PT ELEV: 654.18
PVI STA:10+71.81
PVI ELEV: 653.89
K: 10.92
LVC: 50.25

PVC: 10+46.68
ELEV: 654.54

PVT: 10+96.93
ELEV: 654.39

PVI STA = 10+98.25
ELEV = 654.42

PROPOSED GRADE @ REFERENCE LINE

PVI STA = 10+00.00
ELEV = 655.76

-2.60%

2.00%

6.5' MIN COVER

EXISTING GRADE @ REFERENCE LINE

PROPOSED 444' – 6" WATER MAIN

EXISTING CL ELEVATION
655.8 655.76
654.4 655.11
654.1 654.46
653.7 654.18

PROPOSED FINISHED GRADE

8+50 9+00 9+50 10+00 10+50 11+00

HIGH PT STA:10+23.59
HIGH PT ELEV: 655.07
PVI STA:10+12.10
PVI ELEV: 655.02
K: 37.94
LVC: 22.98

PVC: 10+00.60
ELEV: 654.91

PVT: 10+23.59
ELEV: 655.07

PVI STA = 11+01.05
ELEV = 655.37

STM IE=648.71'

STM IE=650.99'

STM IE=650.71'

TOP WM=647.4'

1.00%

0.39%

6.5' MIN COVER

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

TOP WM=647.7'

PROPOSED 444' – 6" WATER MAIN

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

TOP WM=647.3'

EXISTING CL ELEVATION
655.2
655.5
655.4
654.9 654.90
654.9 655.07
655.1 655.17
655.2 655.27
655.4 655.37

PROPOSED FINISHED GRADE

00 9+50 10+00 10+50 11+00 11+50

PROJECT NO:1661-05-86 | HWY:STH 35 | COUNTY:CRAWFORD | SANITARY SEWER AND WATER MAIN – P&P 13

FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE E-W.DWG PLOT DATE : 11/11 PLOT BY : PAUL JUNION

SEE SHEET – P&P XX

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START–UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

STA 9+46.5, 25' LT
CONNECT TO EXTG 6" WM
17'–6" WATER MAIN
1 – 6"x6" TEE

1 – NEW HYDRANT
STA 10+68, 20' LT
1 – 6" VALVE, 12' LT
1 – 6"x6" TEE, 7.5' LT
12.5LF – 6" D.I. WM

STA 10+99 TO 11+68
12" WATER MAIN CASING

EX 48" CONC SMH
RIM=645.51
IE=639.27 N

STORM SEWER – SEE STORM SEWER PLAN

1 – NEW HYDRANT
STA 13+23, 20' LT
1 – 6" VALVE, 12' LT
1 – 6"x6" TEE, 8' LT
12LF – 6" D.I. WM

STA 13+31, 25' LT
CONNECT TO EXTG 6" WM
17'–6" WATER MAIN
1 – 6"x6" TEE

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

BP: 9+32.35
EP: 10+00.00
BP: 13+36.38

PROPOSED 6" WATER MAIN

9+32 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+36

STA 13+31, 8' LT
6" TEE, PLUG EAST

PARRISH ST

STA 9+46, 8' LT
6" TEE, PLUG WEST

STA 10+72, 8' LT
6" VALVE

STA 11+83, 8' LT
6" VALVE

STA 9+50, 8' LT
6" VALVE

STA 13+27, 8' LT
6" VALVE

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

STORM SEWER SHOWN ON PLAN IS APPROXIMATE. SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

CONTRACTOR TO PROVIDE TEMPORARY WATER TO 6" SERVICE TO SOUTH DURING WATER MAIN CONSTRUCTION.

STA 9+71, 5' LT
6" VALVE

2" WATER SERVICE

GRAPHIC SCALE FEET
0 10 20 40

N W E S

S.T.H. '35'

SIGN

5

5

SEE SHEET – P&P XX

HIGH PT STA: 11+06.97
HIGH PT ELEV: 649.02
PVI STA: 10+84.16
PVI ELEV: 648.89
K: 9.58
LVC: 45.61

HIGH PT STA: 11+53.08
HIGH PT ELEV: 649.26
PVI STA: 11+82.50
PVI ELEV: 649.45
K: 13.64
LVC: 74.50

LOW PT STA: 9+92.57
LOW PT ELEV: 645.14
PVI STA: 10+13.69
PVI ELEV: 645.13
K: 7.99
LVC: 43.02

PVI STA = 9+44.23
ELEV = 645.16

PVC: 9+92.18
ELEV: 645.14

PVT: 10+35.20
ELEV: 646.28

PVC: 10+61.36
ELEV: 647.67

PVT: 11+06.97
ELEV: 649.02

PVC: 11+45.25
ELEV: 649.24

PVT: 12+19.75
ELEV: 647.83

PVI STA = 12+37.22
ELEV = 646.78

PVI STA = 12+79.73
ELEV = 645.93

PVI STA = 13+36.38
ELEV = 646.66

PROPOSED GRADE @ REFERENCE LINE

EXISTING GRADE @ REFERENCE LINE

−0.05% 5.34% 0.57% −4.89% −2.00% 1.28%

6.5' MIN. COVER

385 LF 6" WATER MAIN

PROPOSED STORM SEWER – SEE STORM SEWER PLAN

STA 10+99 TO 11+68
BORE 69' – 12" CASING
FOR WATER MAIN
SEAL ENDS OF CASINGS

EXISTING CL ELEVATION

PROPOSED FINISHED GRADE

| | | |

GENERAL NOTE:
FOLLOWING PROPER TESTING AND START-UP OF NEW WATERMAIN, ALL PREVIOUSLY EXISTING VALVES, VALVE MANHOLES AND HYDRANTS SHALL BE REMOVED OR ABANDONED PER THE SPECIFICATIONS

1 – NEW HYDRANT
STA 12+10, 27' LT
1 – 6" VALVE, 11+92, 27' LT
1 – 6"x6" TEE, 11+88, 27' LT
22LF – 6" D.I. WM

STA 12+00, 32' LT
CONNECT TO EXTG 4" WM
13'-6" WATER MAIN
1 – 6"x6" TEE

STA 11+96, 32' LT
6" VALVE

STA 11+86, 32' LT
6" TEE, PLUG NORTH

LEGEND
PROPOSED PIPE INSULATION (4'X8'X2")

GRAPHIC SCALE FEET
0 10 20 40

S.T.H. '35'

S. 9TH ST

BROADWAY ST

CONNECT TO EXTG 12" SAN SEWER IE=635.64 (CONTRACTOR TO FIELD VERIFY)

CONNECT TO EXTG SAN SEWER IE=637.21 (CONTRACTOR TO VERIFY)

25'-8" PVC SAN @ 0.40%

PROPOSED 12" PVC SAN

SMH 62

SMH 67

20'-8" PVC SAN @ 0.40%

PROPOSED 12" PVC SAN

CONNECT TO EXTG SAN SEWER IE=637.27 (CONTRACTOR TO FIELD VERIFY)

CONTRACTOR SHALL ANTICIPATE WATER MAIN CONFLICT WITH EXISTING UTILITIES AND SHALL DEFLECT WATER MAIN AS NECESSARY TO PROVIDE REQUIRED CLEARANCE.

WHERE WATER CROSSES SANITARY OR STORM SEWER, MAINTAIN 6" SEPARATION IF WATER IS ABOVE AND 18" SEPARATION IF WATER IS BELOW

SEE STORM SEWER PLAN FOR CONSTRUCTION OF STORM SEWER.

60 LF 6" WATER MAIN

STA 11+86, 25' RT
6" VALVE

STA 11+86, 28' RT
6" TEE, PLUG SOUTH

STA 12+00, 28' RT
CONNECT TO EXTG 4" WM
15'-6" WATER MAIN
1 – 6"x6" TEE

BP: 9+00.00
PI: 11+34.47
EP: 14+19.36

9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00

665 660 655 650 645 640 635 630

PVI STA = 10+00.00
ELEV = 643.97

PVI STA = 10+27.88
ELEV = 643.78

PVI STA = 11+28.24
ELEV = 644.18

PVI STA = 11+76.70
ELEV = 643.35

PVI STA = 12+04.56
ELEV = 643.48

PVI STA = 12+21.54
ELEV = 643.94

PVI STA = 13+99.44
ELEV = 644.78

EXISTING GRADE @ REFERENCE LINE

PROPOSED GRADE @ REFERENCE LINE

2.00% -2.00% 0.40% -1.71% 4.03% -3.02% 2.71% 0.47%

SMH 62
10+23.7, 7.8' R
RIM=644.08
IE=635.98 W
IE=635.98 E
IE=635.98 S

EX 48" SMH
RIM=644.54
IE=637.11 W
IE=637.11 N
IE=637.11 S
IE=637.11 E

EX 344'-12" PVC SAN @ 0.33%

357'-12" PVC SAN @ 0.32%

67'-12" PVC SAN @ 0.51%

EX 48" SMH
RIM=643.95
IE=635.98 W
IE=635.98 S
IE=635.98 E
IE=635.98 N

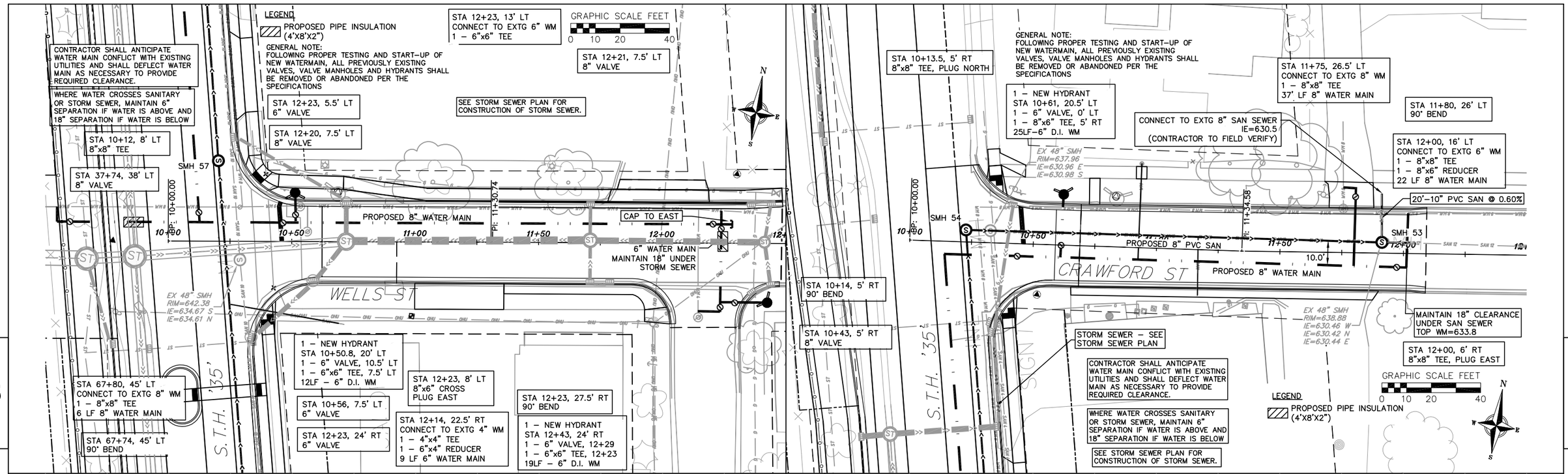
PROPOSED 6" WATER MAIN
(MAINTAIN 18" MIN SEPARATION UNDER SANITARY SEWER)

SMH 67
13+80.2, 2.7' R
RIM=644.55
IE=637.11 W
IE=637.11 N
IE=637.11 S
IE=637.11 E

EXISTING GL ELEVATION

PROPOSED FINISHED GRADE

| | | |



PROJECT NO:1661–05–86	HWY: STH 35	COUNTY: CRAWFORD	SANITARY SEWER AND WATER MAIN – P&P 16

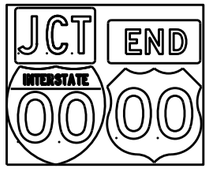
FILE NAME : R:\PDCH 140246 DOT MARQUETTE RD PH 2\CADD\MARQUETTE ROAD_PLAN PROFILE E–W.DWG

PLOT DATE : 11/11

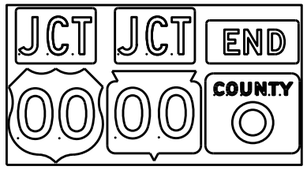
PLOT BY : PAUL JUNION

TYPICAL ASSEMBLIES

J1-1

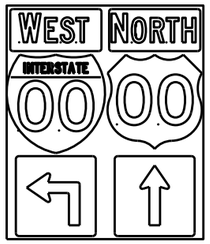


J1-2

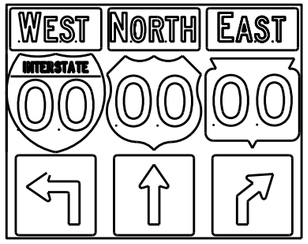


J1-3

J2-1



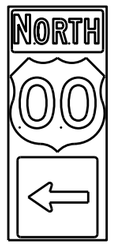
J2-2



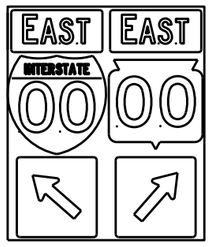
J2-3

JV

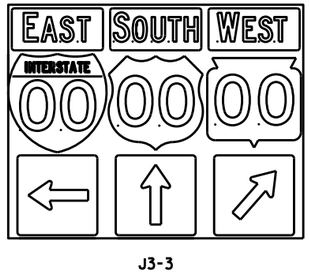
(Typical Vertical J-Assembly
See Note 10 and 11)



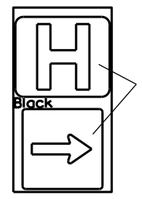
J3-1



J3-2

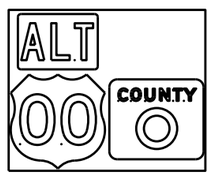


J3-3

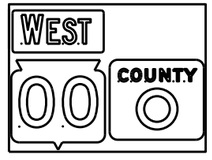


JH-1

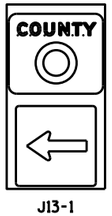
J4-1



J4-2



J4-2



J13-1

J12-1

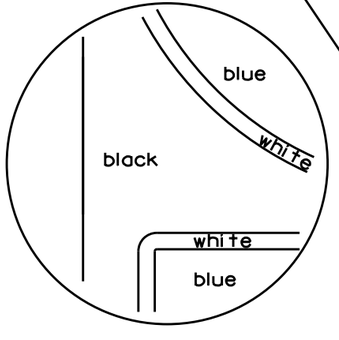
J32-1

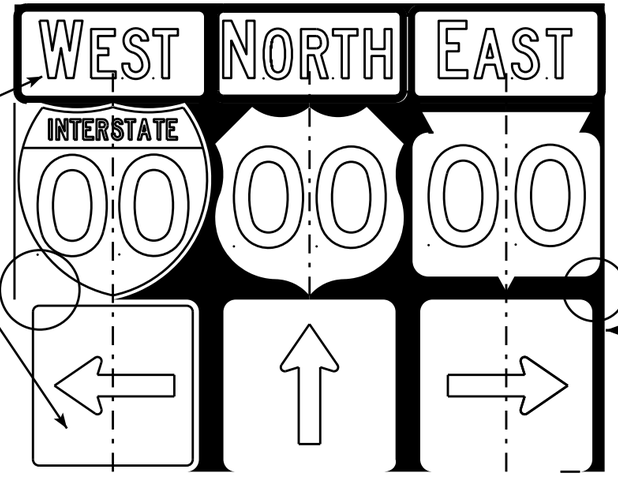
J33-1

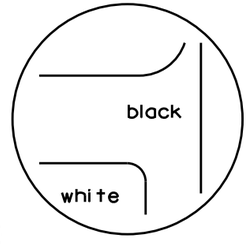
J23-1

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

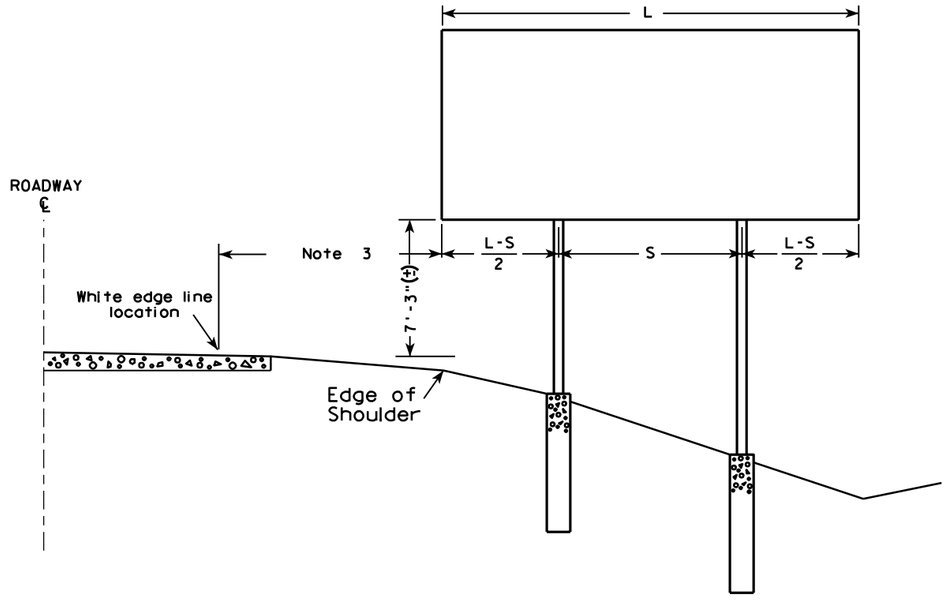
APPROVED Matthew R Rauch
for State Traffic Engineer

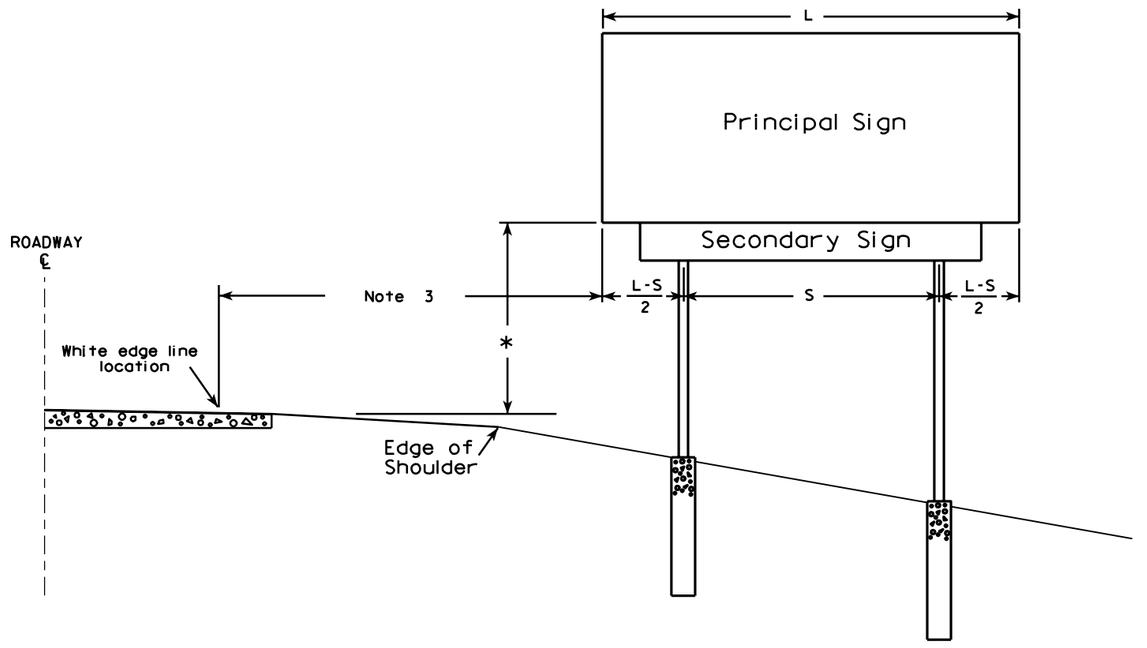
DATE 2/06/14 PL... A2-1S.8

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





GENERAL NOTES

1. For a 2 post installation, S equals 3L/5, but shall not be less than 9 ft.
2. For a 3 post installation, S equals 5L/7, but shall not be less than 18 ft., and the space between any two posts shall not be less than 9 ft.
3. Unless noted in the plan, the sign offset distance shall be a minimum of 17'-6", desirable 30'-0".
4. The (±) tolerance shown on this sheet is 3 in.
5. The vertical sign height clearance detailed is measured from the bottom of the sign to the near edge of pavement.
6. Post lengths shown in the miscellaneous quantities are estimated lengths. The contractor shall verify post lengths at the time of final grading.
7. Refer to the Traffic Guidelines Manual for further guidance on minimum vertical clearance requirements.

* Clearance is 8'-3"(±) when the secondary sign is 3 ft. or less in height. For secondary signs larger than 3 ft., the clearance to the bottom of the secondary sign shall be 5'-3"(±).

7

7

TYPICAL INSTALLATION
OF TYPE I SIGNS

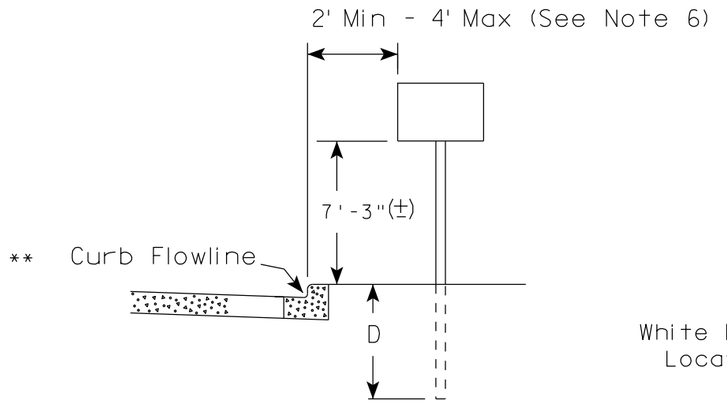
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

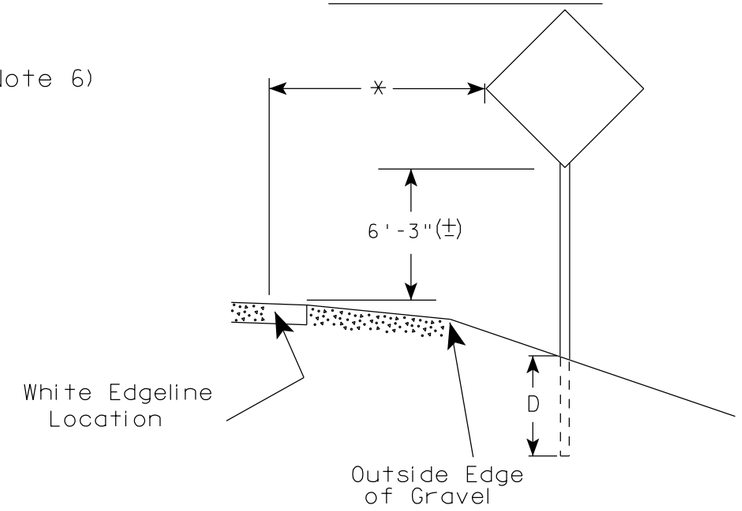
DATE 4/02/08 PLATE NO. A4-1.9

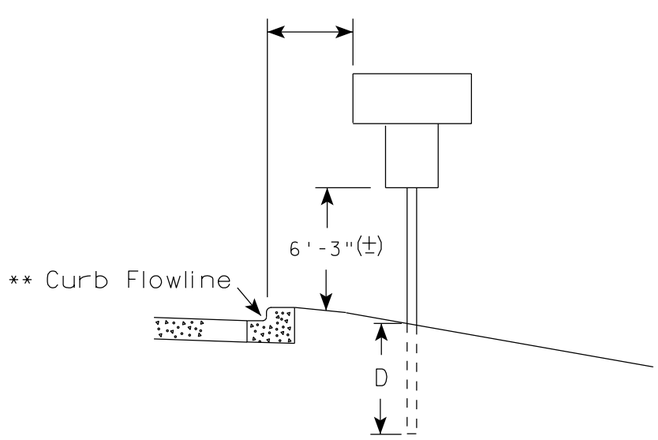
PROJECT NO:				SHEET NO: 28	E

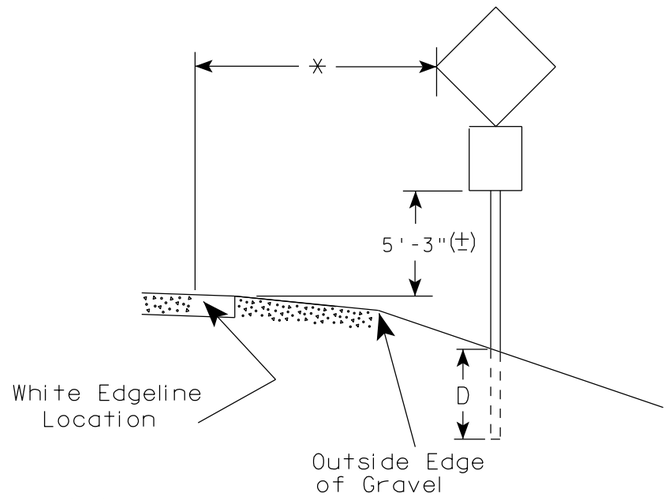
URBAN AREA



RURAL AREA (See Note 2)







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" (±).

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

** 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.

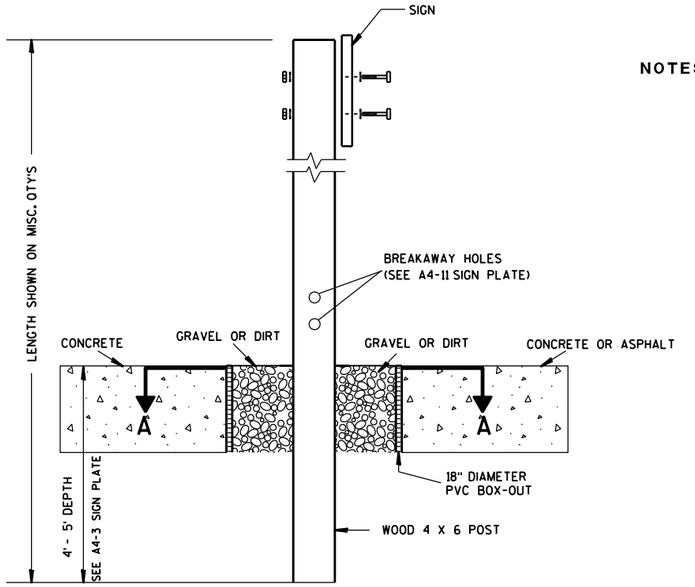
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

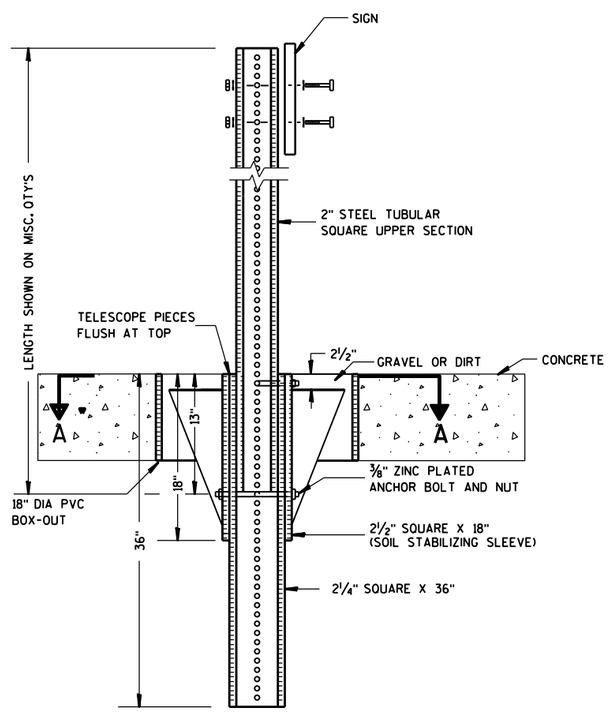
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

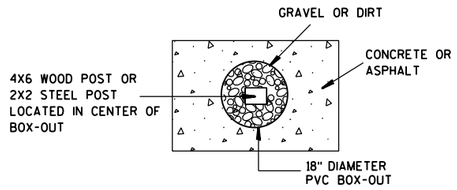
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

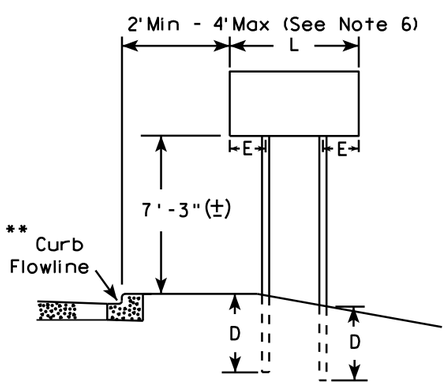
APPROVED Matthew R Rauch
for State Traffic Engineer

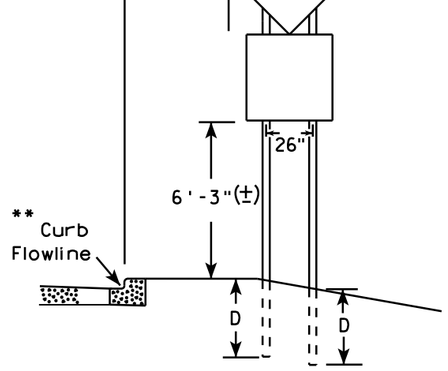
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

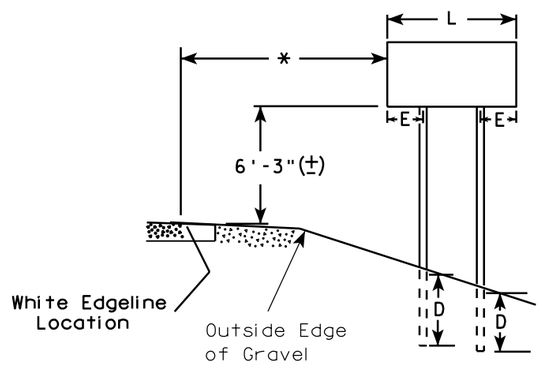
URBAN AREA

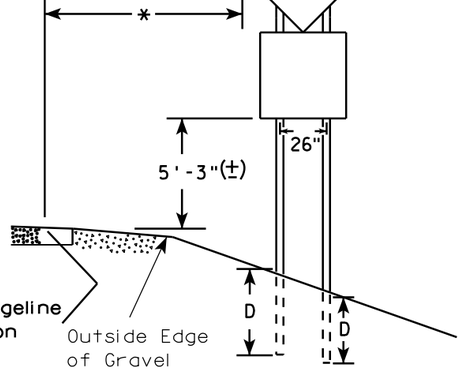




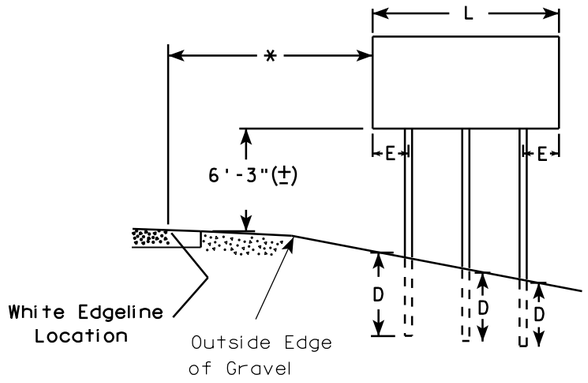
48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)





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

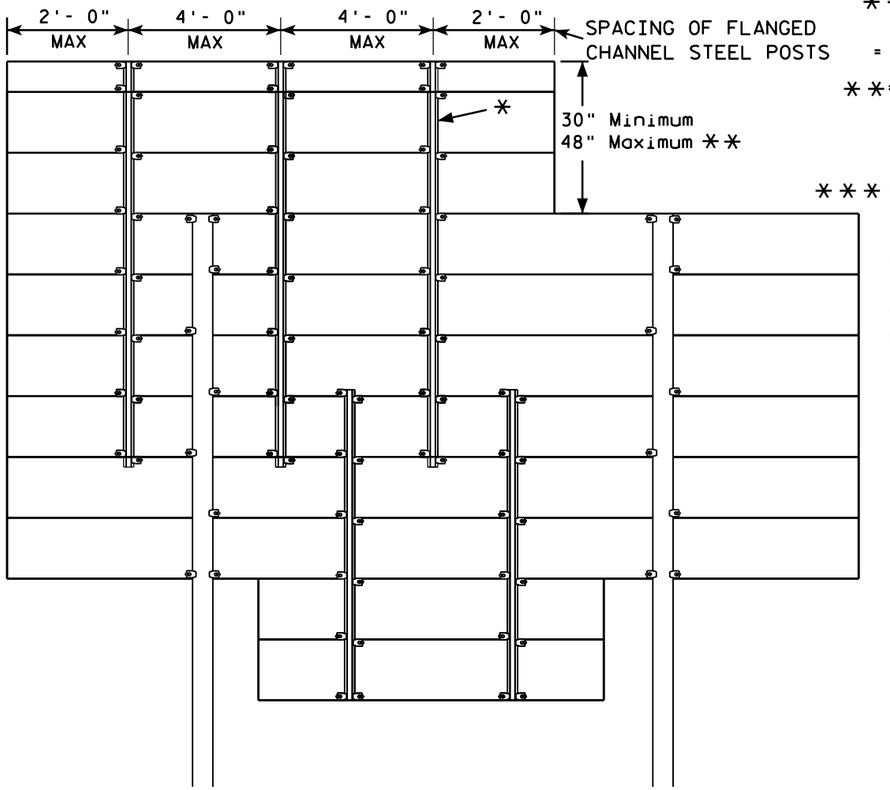
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN PLOT DATE : 23-JUL-2015 15:23 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 107.021305:1.000000 WISDOT/CADDS SHEET 42

GROUND MOUNTED SIGN

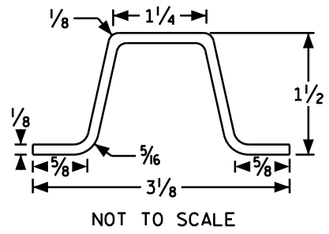


* =2.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

** =FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

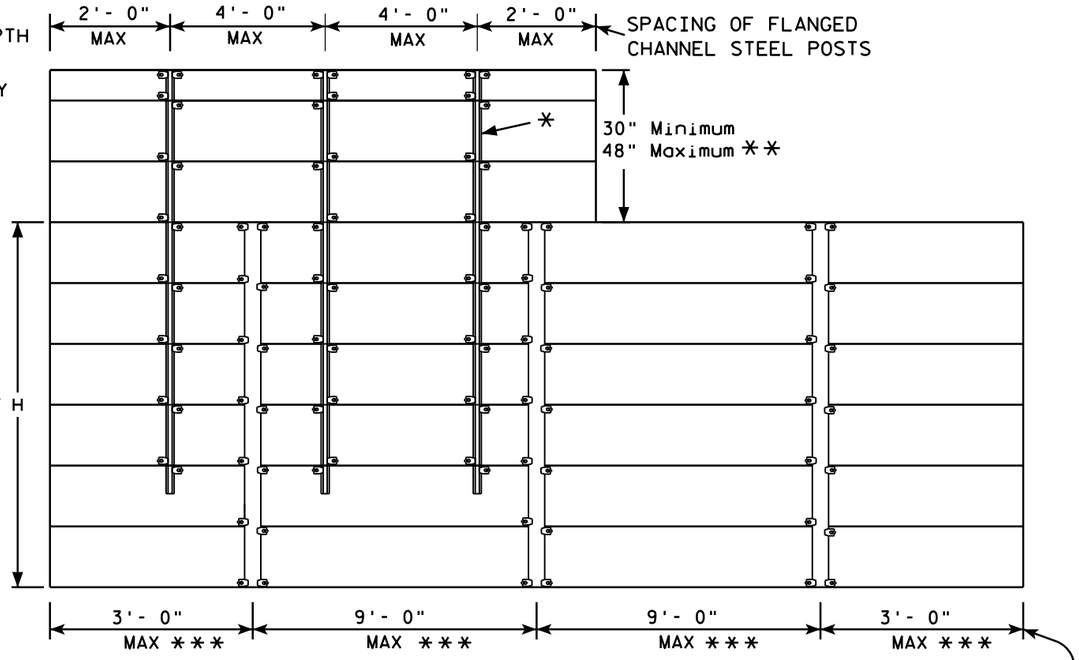
*** THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 16 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 16 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAIL



NOT TO SCALE

SIGN BRIDGE MOUNTED SIGN



GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

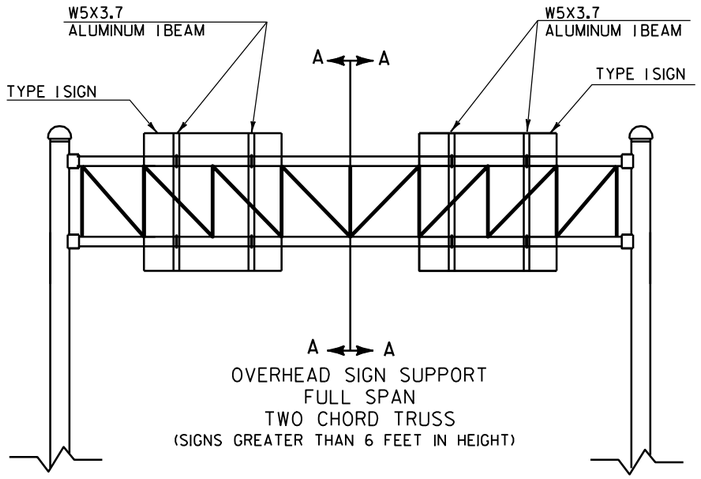
ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

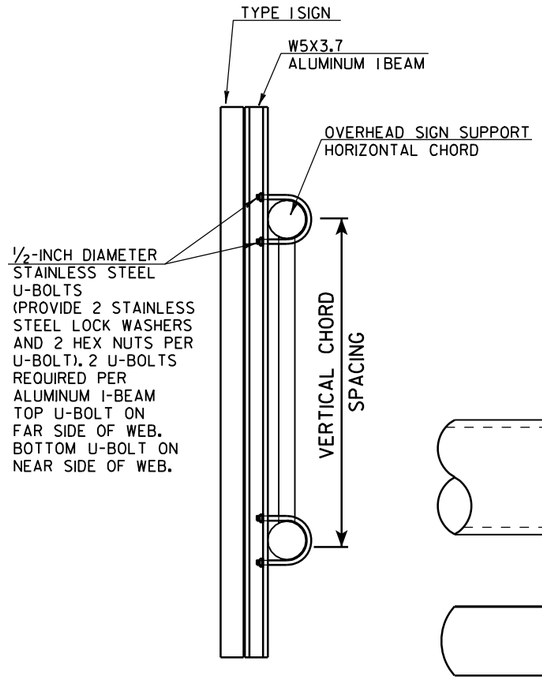
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/05/13 PLAT 32 A4-6.12

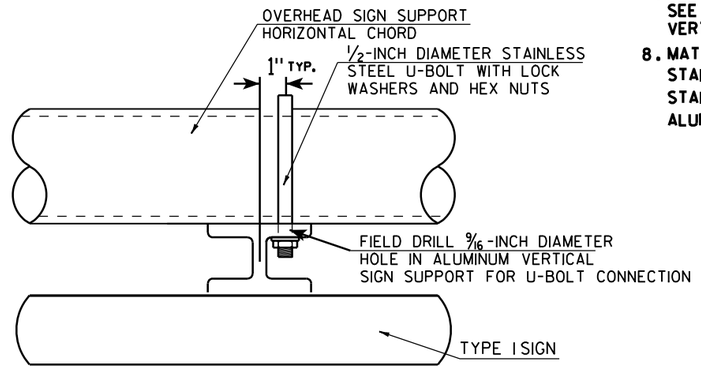
PROJECT NO: | SHEET NO: E



OVERHEAD SIGN SUPPORT
FULL SPAN
TWO CHORD TRUSS
(SIGNS GREATER THAN 6 FEET IN HEIGHT)



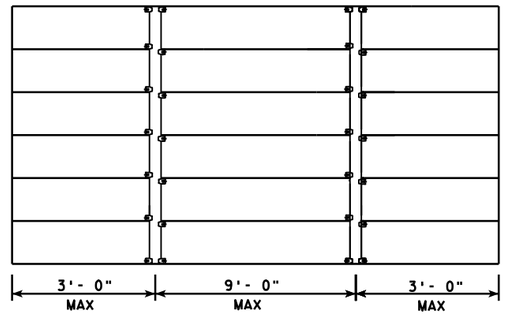
CUT SECTION A-A



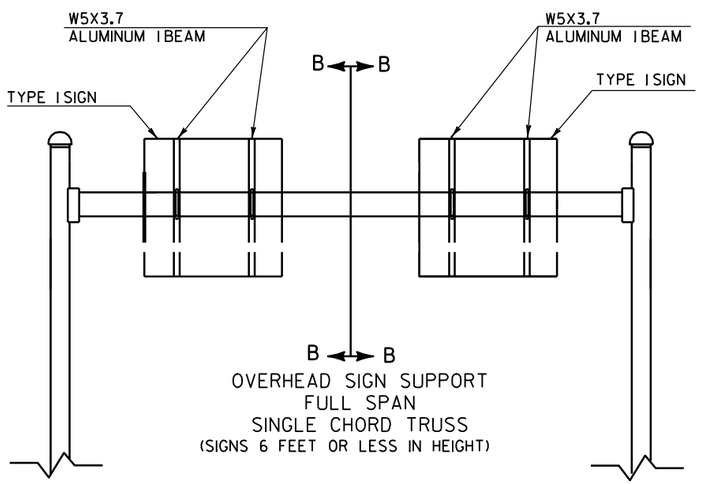
TYPICAL SIGN CONNECTION FOR
TWO CHORD TRUSS
PLAN VIEW

GENERAL NOTES

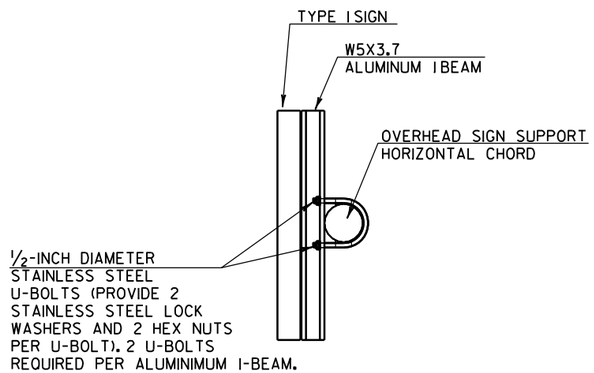
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE CLIPS ON EVERY EXTRUDED PANEL JOINT PER SIGN PLATE A4-6.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. MINIMUM NUMBER OF BRACKETS PER SIGN IS TWO. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
   STAINLESS STEEL U-BOLTS AND LOCKWASHERS ASTM 304.
   STAINLESS STEEL HEX NUTS ASTM A276.
   ALUMINUM I-BEAMS ARE 6061-T6.



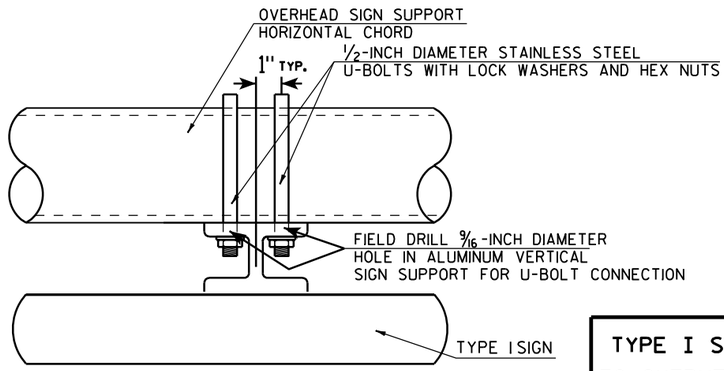
SPACING OF W5X3.7 ALUMINUM
VERTICAL SIGN SUPPORT



OVERHEAD SIGN SUPPORT
FULL SPAN
SINGLE CHORD TRUSS
(SIGNS 6 FEET OR LESS IN HEIGHT)



CUT SECTION B-B



TYPICAL SIGN CONNECTION FOR
SINGLE CHORD TRUSS
PLAN VIEW

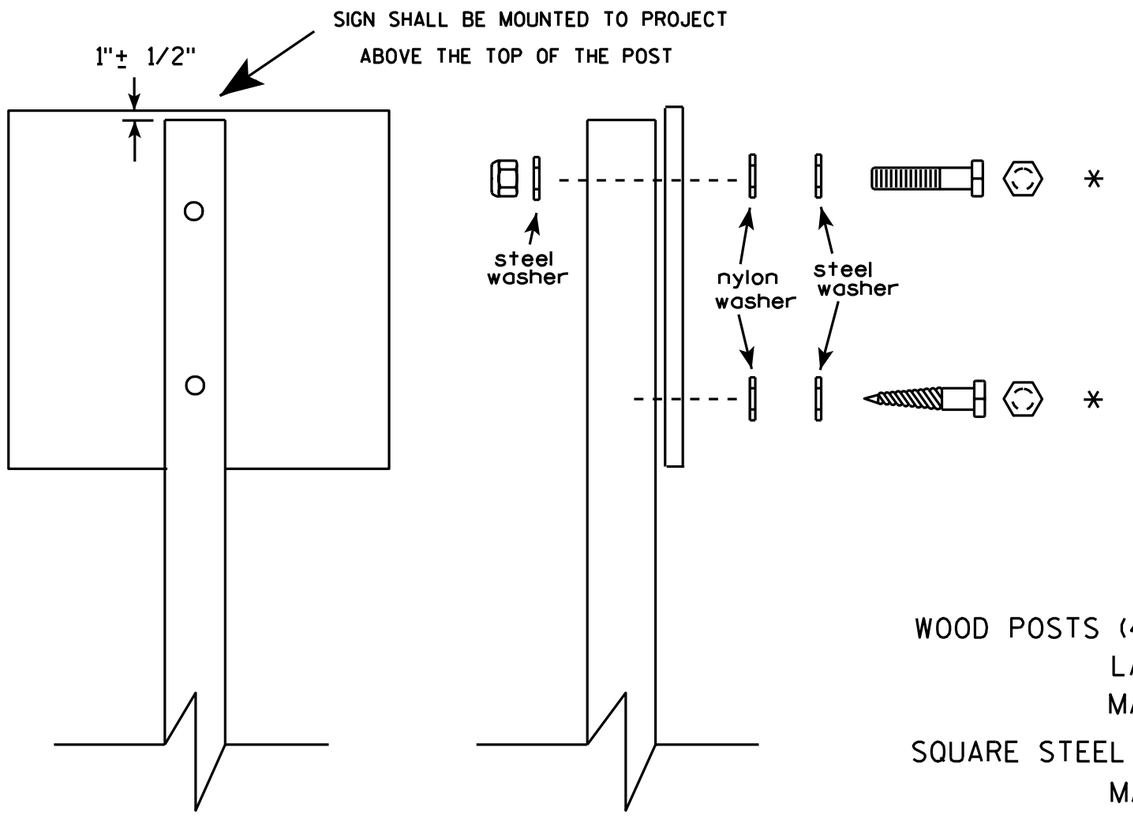
TYPE I SIGN CONNECTION TO OVERHEAD SIGN SUPPORT

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 11/12/12 PLATE NO. A4-7.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 33	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

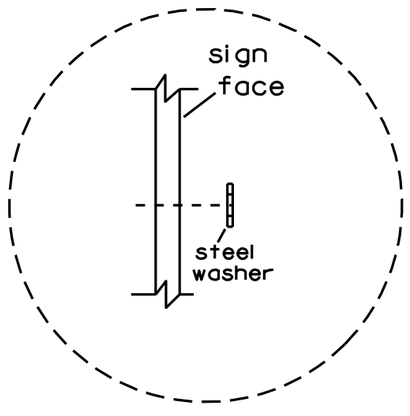
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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

7

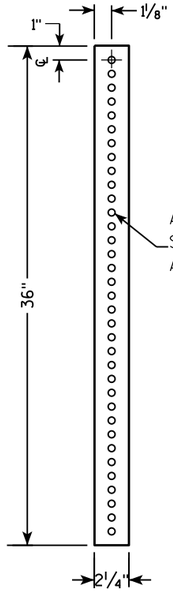
7

PROJECT NO:

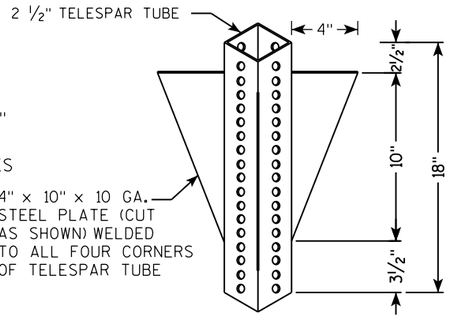
SHEET NO: 34 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

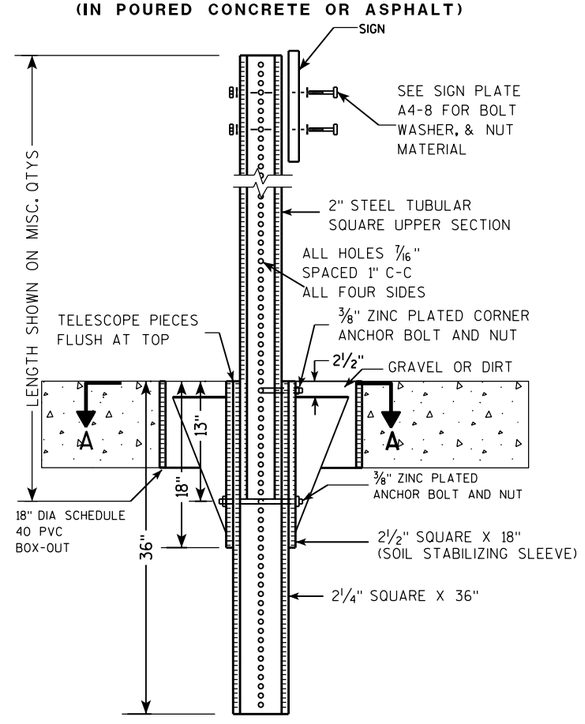
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



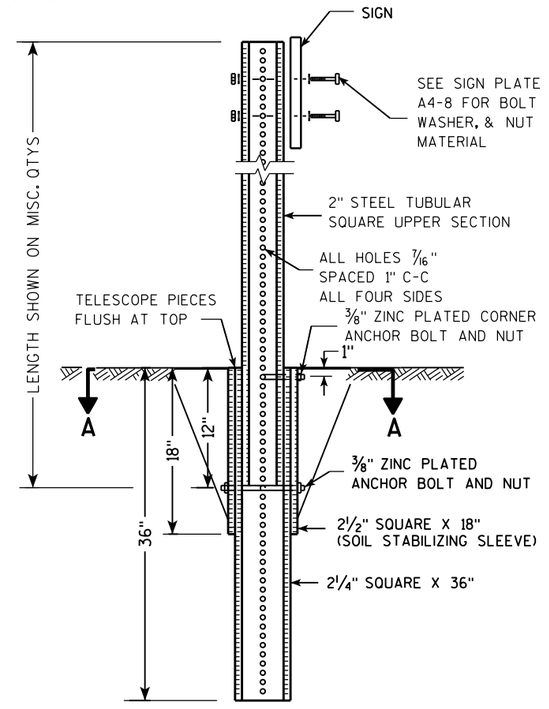
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

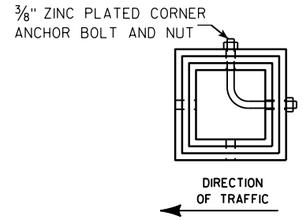


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

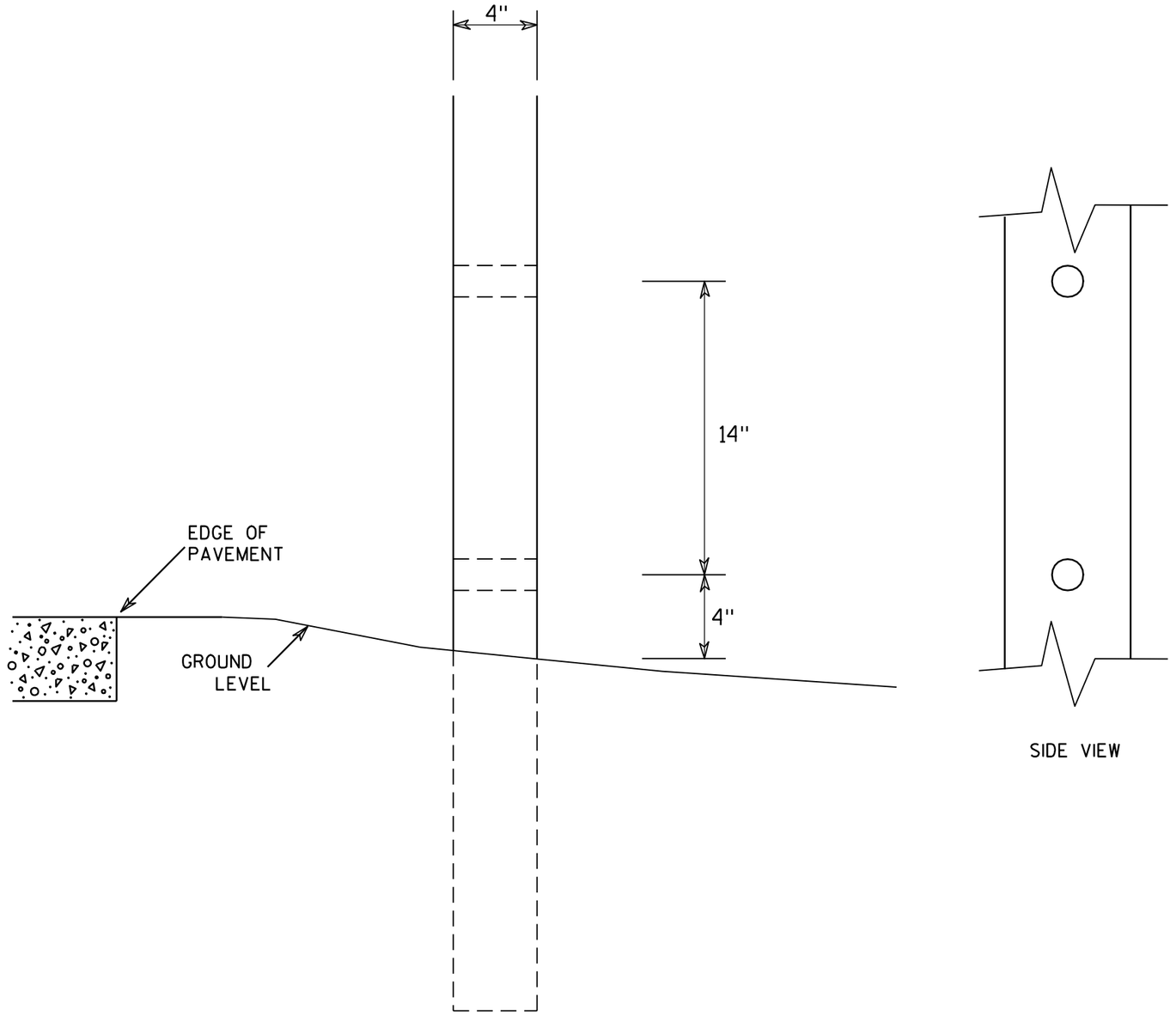
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 35 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



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

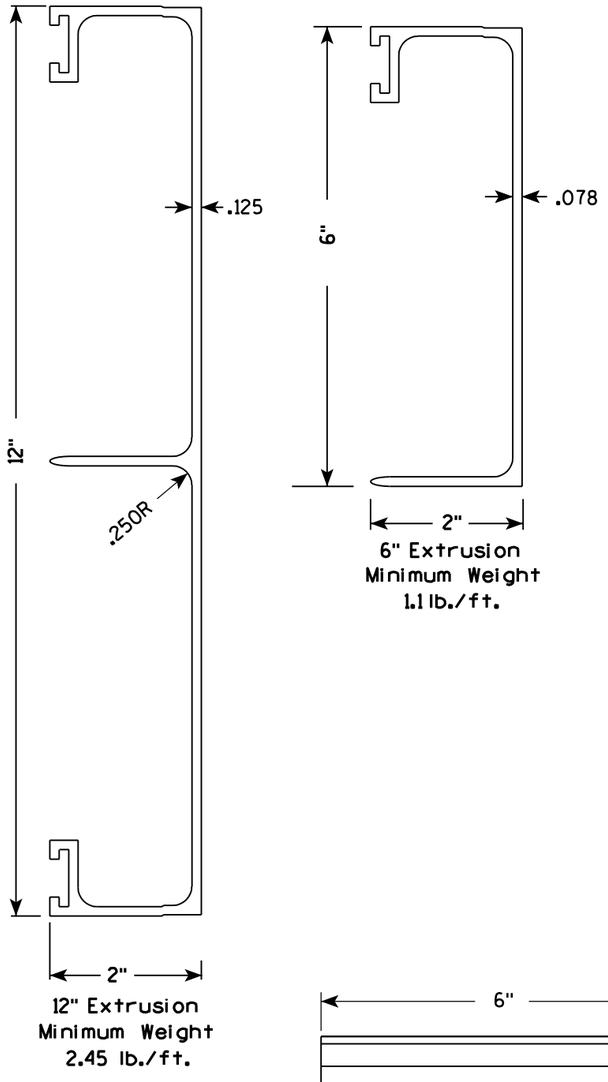
WISCONSIN DEPT OF TRANSPORTATION

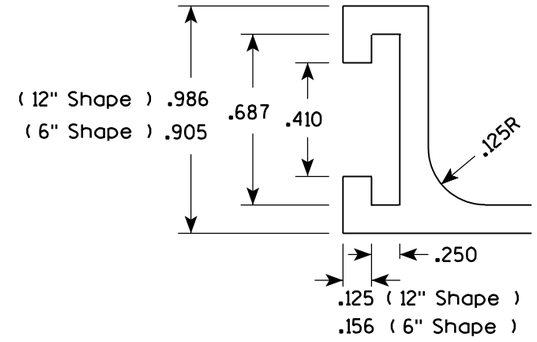
APPROVED Chester J Spang
for State Traffic Engineer

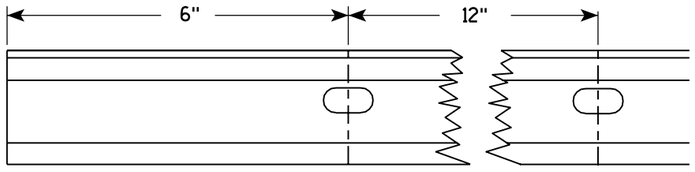
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 36	E

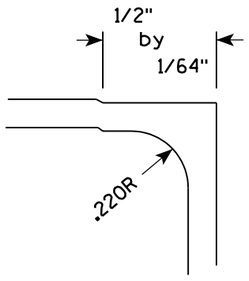
Extruded Shape







Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

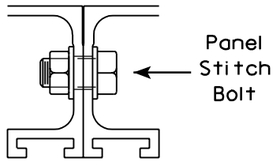


Hardware

STITCH BOLT, WASHER & NUT

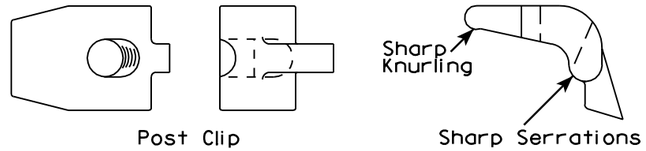
The hardware includes:

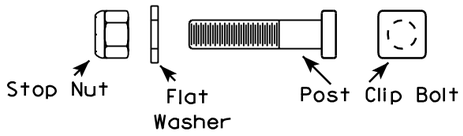
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

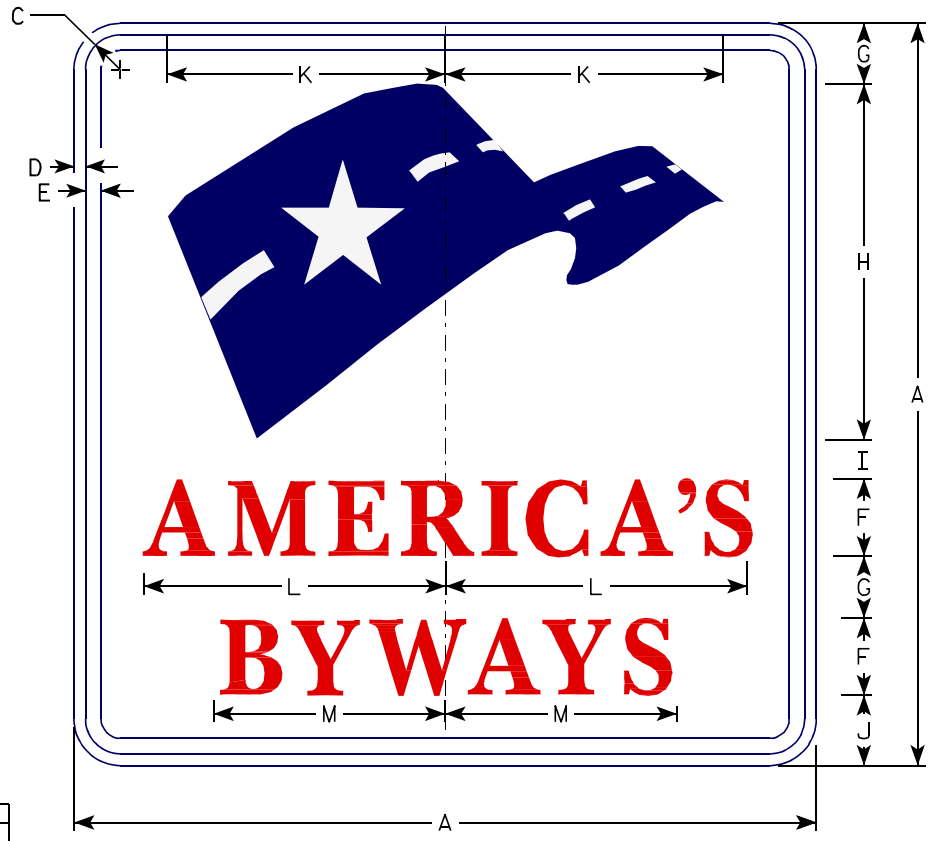
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 11/18/99 PLATE NO. A5-2.9

PROJECT NO:

SHEET NO: 37 E



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																												

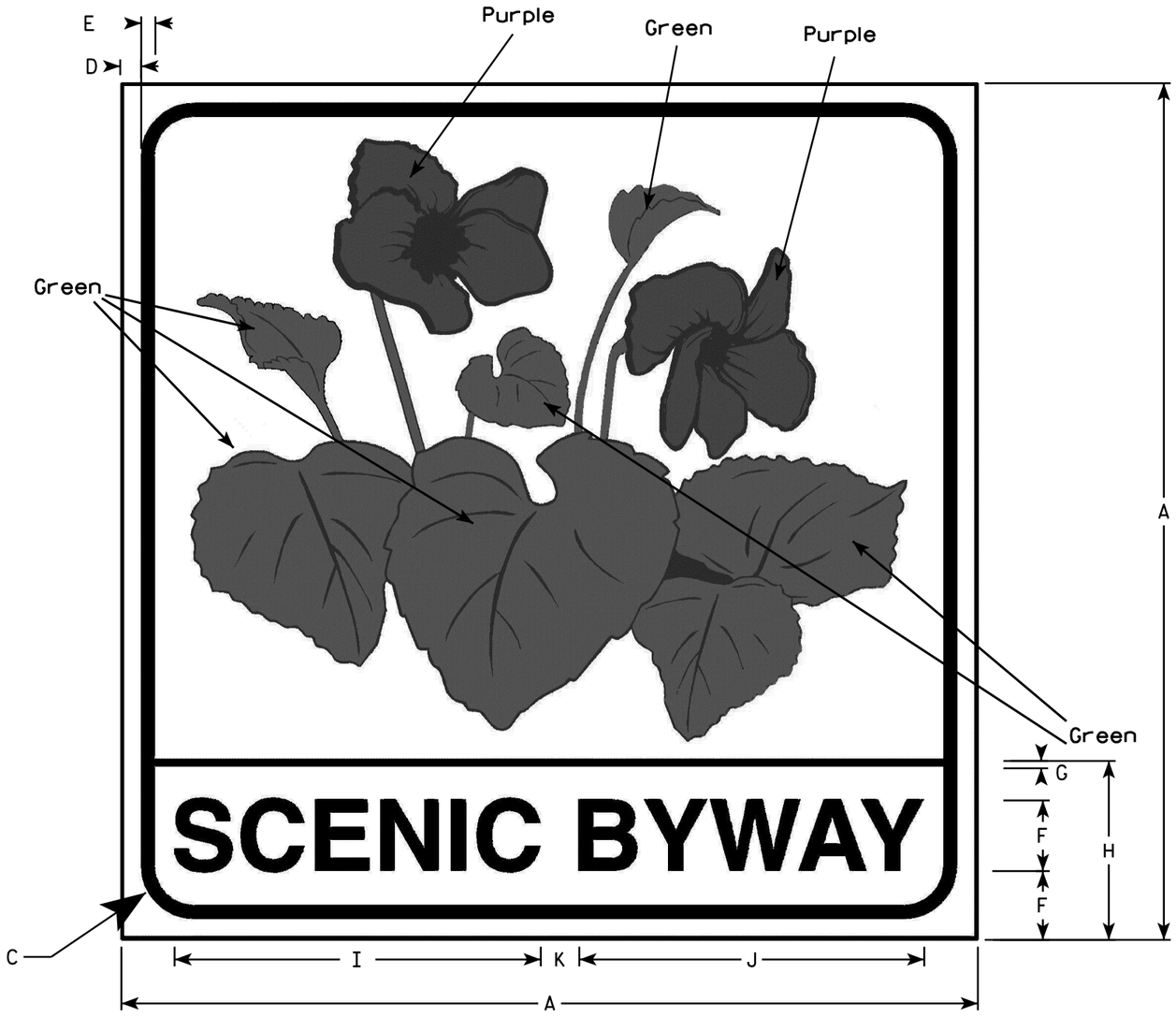
STANDARD SIGN
D6-4

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



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 Except as noted
   Border of Leaves and Flowers is Black
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.
5. Contact WisDOT with any questions.

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	5/8	3/8	2	1/4	5	10 1/4	9 5/8	1 1/8																4.0	.36
3																												
4	36		4	7/8	5/8	3	1/4	7 1/2	15 3/8	14 1/2	1 5/8																9.0	.81
5																												

STANDARD SIGN
D6-4S

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 10/05/09 PLATE NO. D6-4S.1

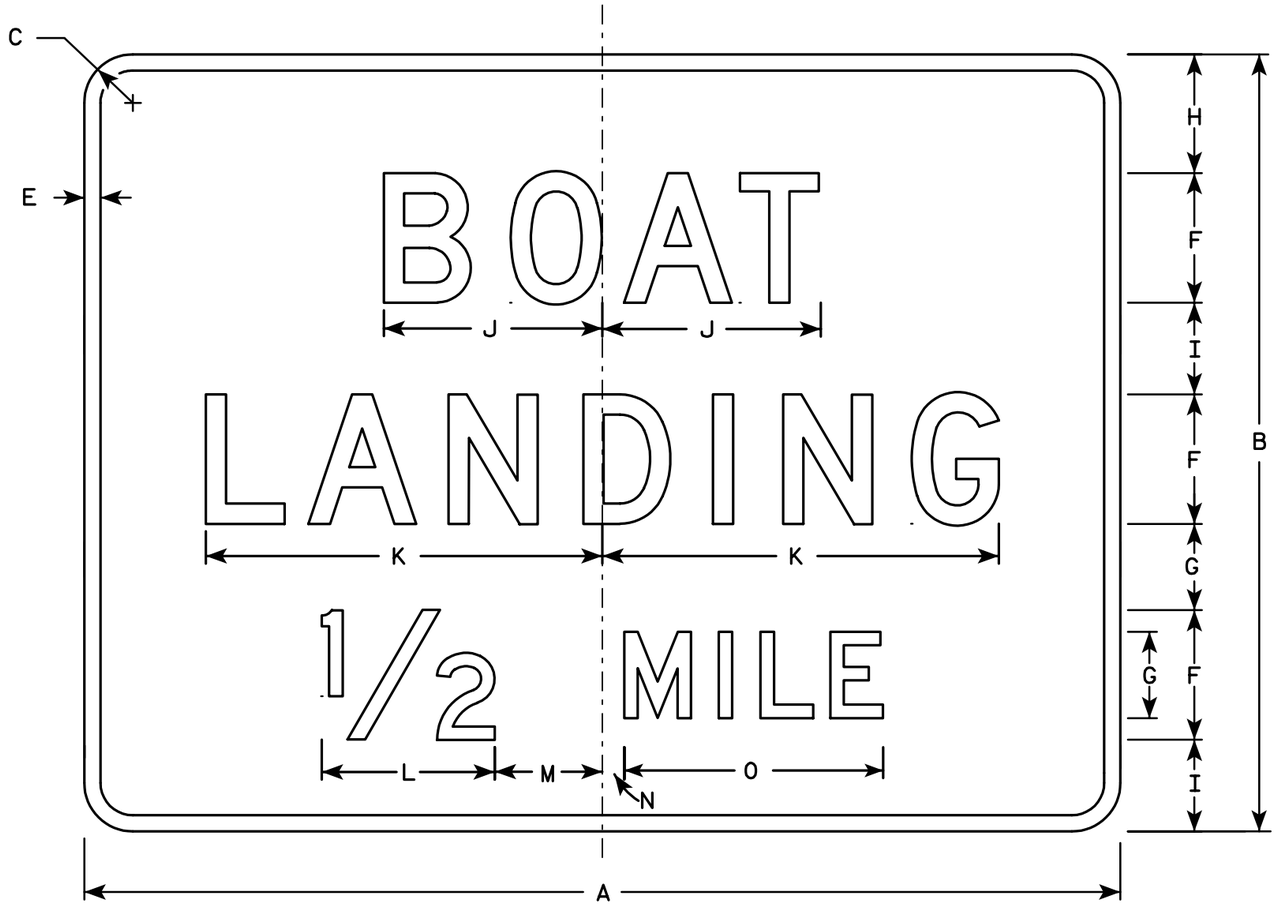
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 39	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\D64S.dgn PLOT DATE : 05-OCT-2009 13:37 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

7



D7-54

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Brown
   Message - White - Type H Reflective
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.

Metric equivalent for this sign is:

SIZE	
1	
2	1200 mm X 900 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	Area sq. ft.	Area sq
1																												
2	48	36	2 1/4		3/4	6	4	5 1/2	4 1/4	10 1/8	18 3/8	8	5	1	12												12.0	1.08
3																												
4																												
5																												

STANDARD SIGN
D7-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spary for State Traffic Engineer

DATE 1/10/02 PLATE NO. D7-54.6

STATE PROJECT NUMBER: | SHEET NO: 40 | E

LEVELS ON • 2.3. 5.6. 10.

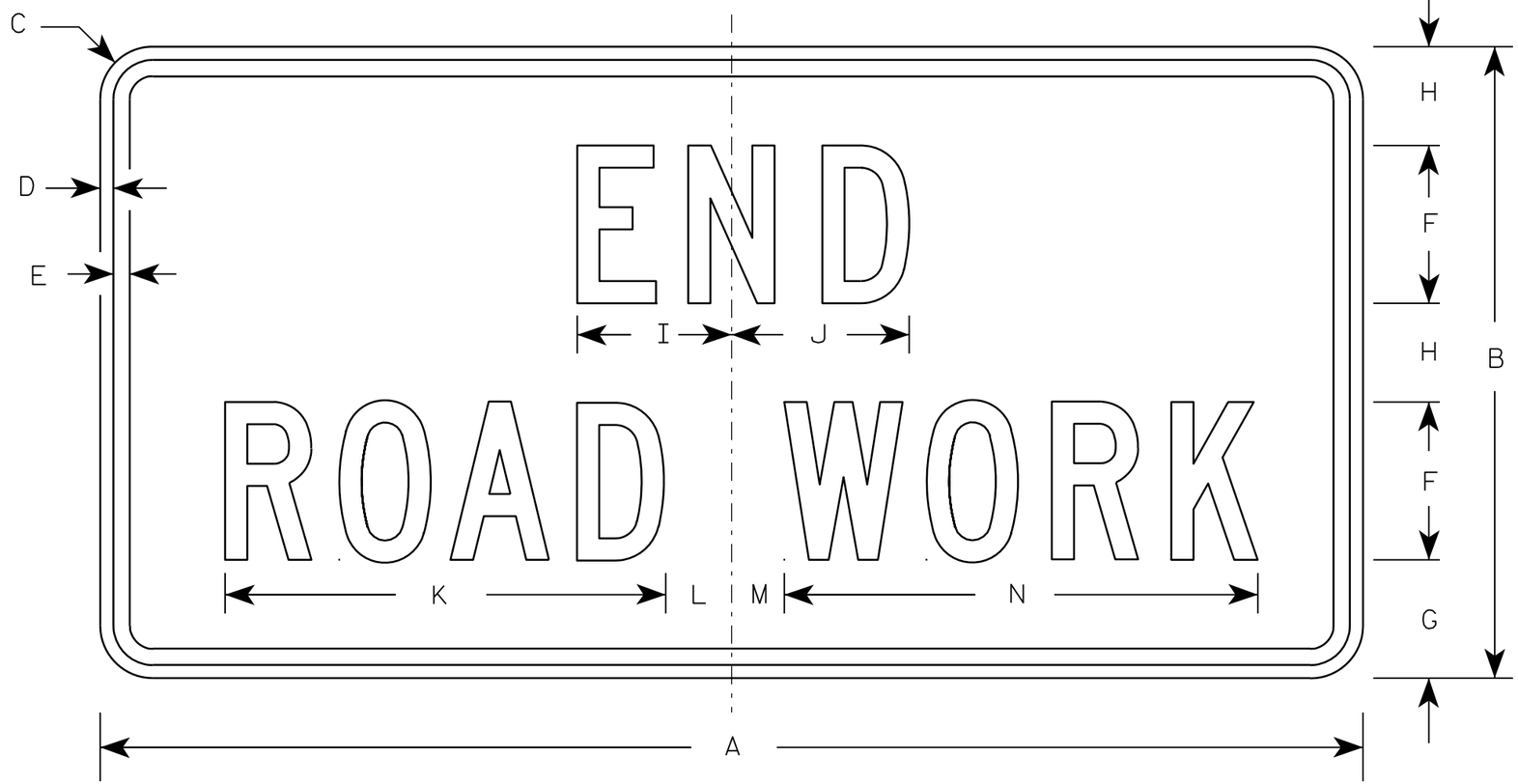
58.59.60.61.62.63

FILE NAME : C:\Users\Projects\tr_stdplate\D754.DGN PLOT DATE : 22-JAN-2002 08:05 ORG DATE : 6/13/97 Originator : Don Kluever

WISDOT/CADDS SHEET 42

7

7



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

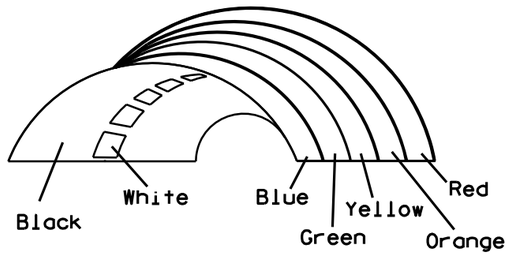
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 41	E

* VARIES

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 5)
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. Border - Blue
   Line 1 - Red
   Line 2 - Black
   Line 3-5 - Blue
6. Line 1 - Dutch 8011L
   Line 2 - Series E
   Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

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	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

STANDARD SIGN
I55-56

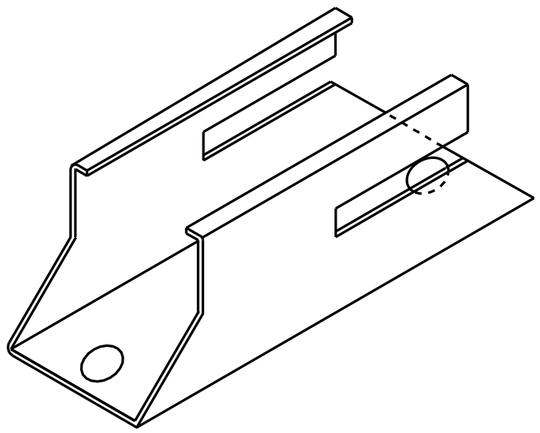
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/27/11 PLATE NO. 155-56.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 42

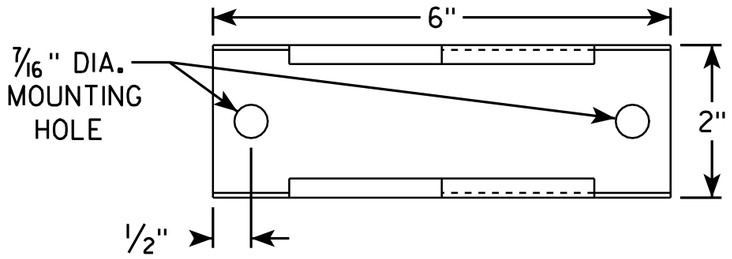
ISOMETRIC VIEW



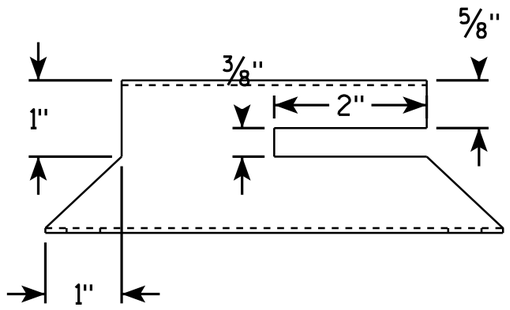
NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

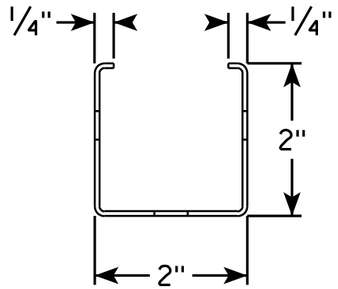
TOP VIEW



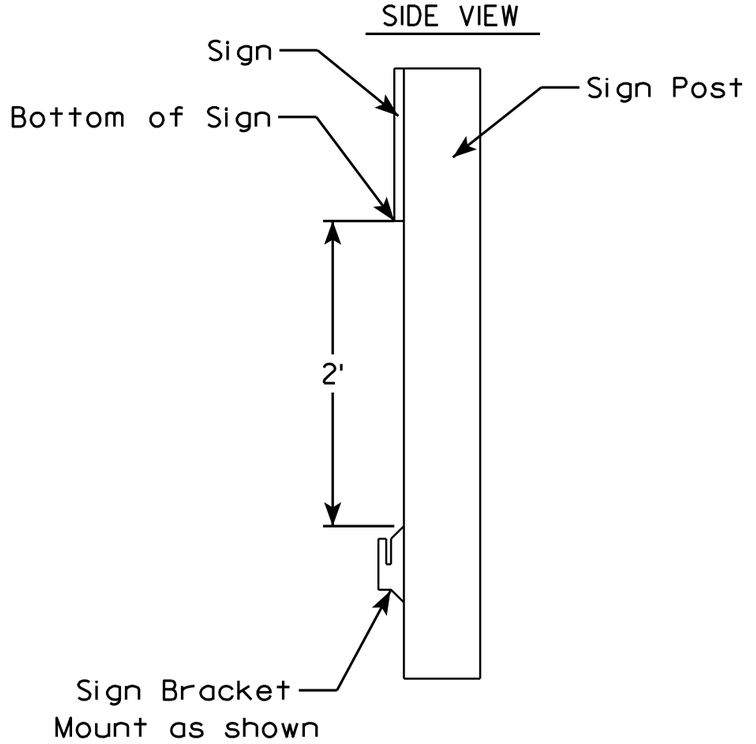
SIDE VIEW



END VIEW



SIDE VIEW



7

7

ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

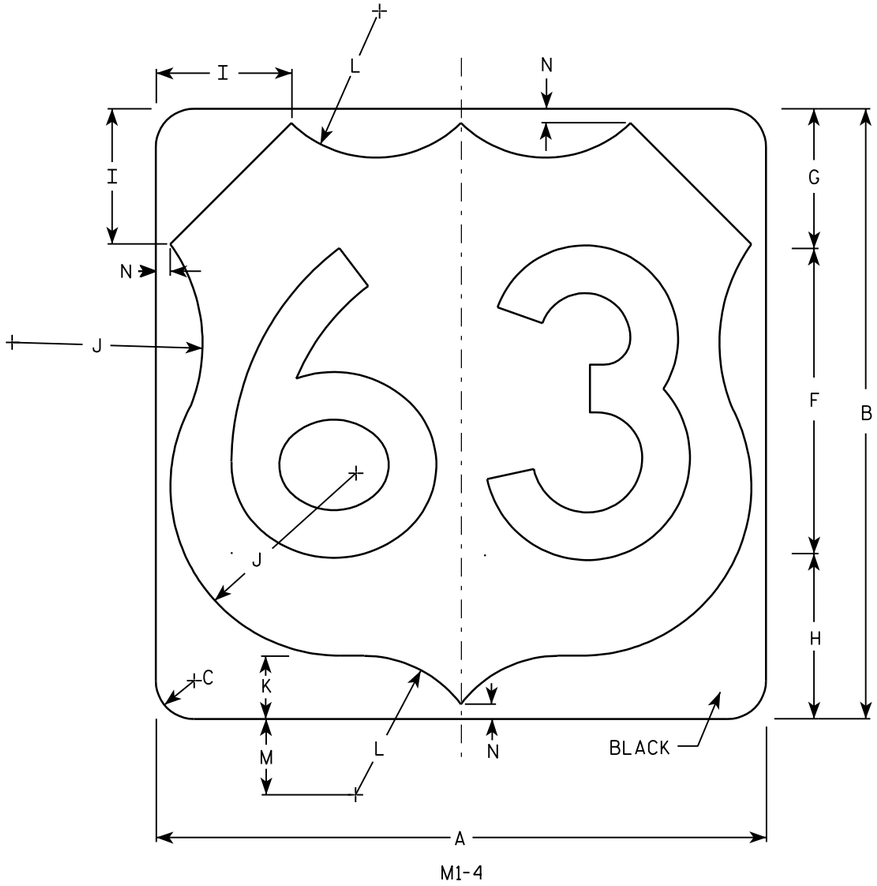
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/10 PLATE NO. I55-56B.1

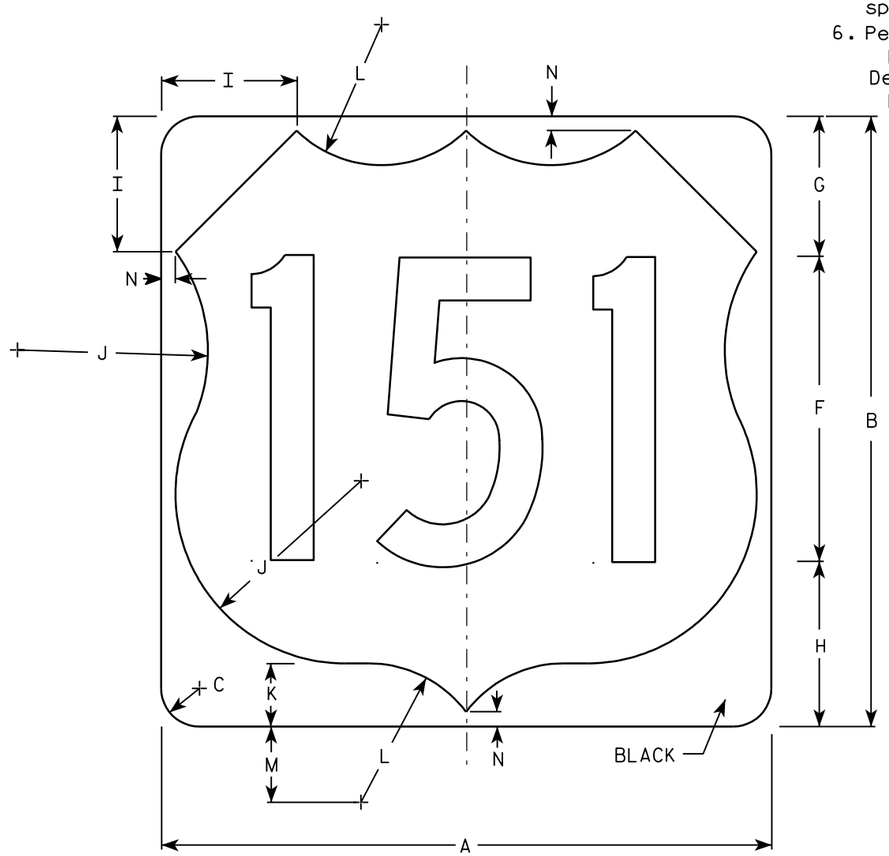
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 43	E

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 numerals and adjust spacing as per Plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary signs
   Background - Reflective



M1-4



M1-4

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	Areq sq. ft.	Area m2
1																												
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0	.36
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81

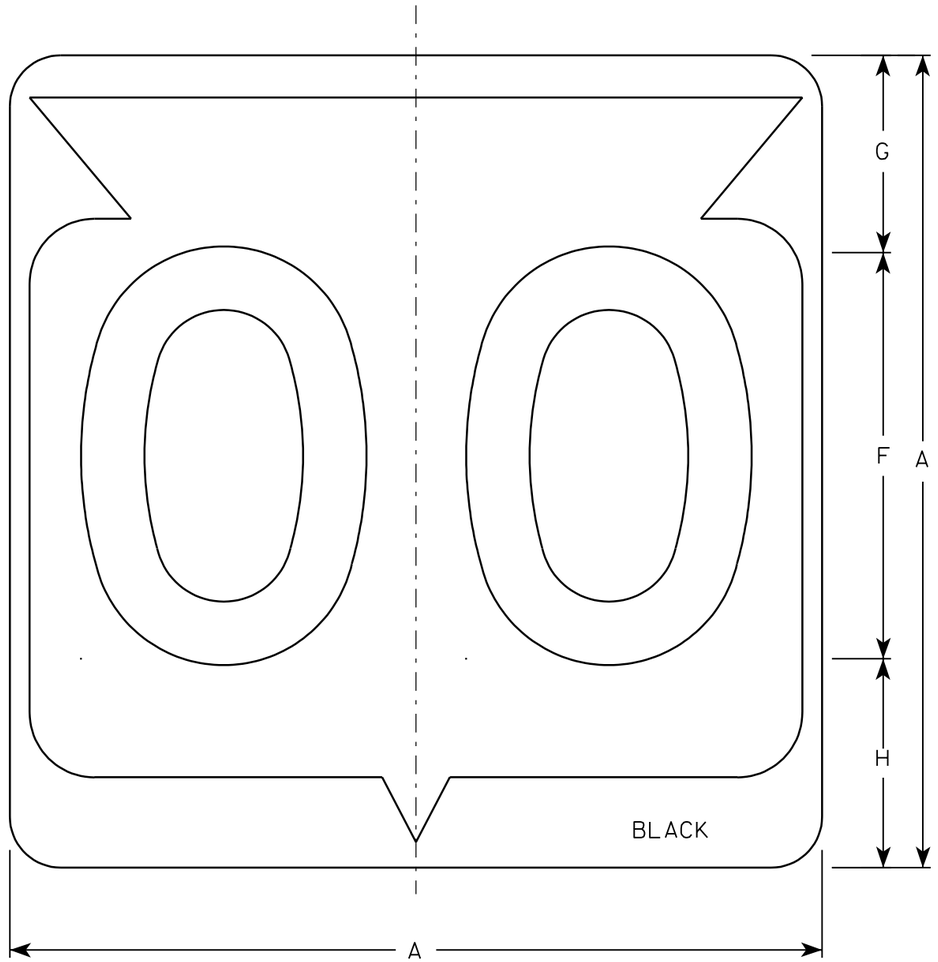
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 08/25/05 PLATE NO. M1-4.9

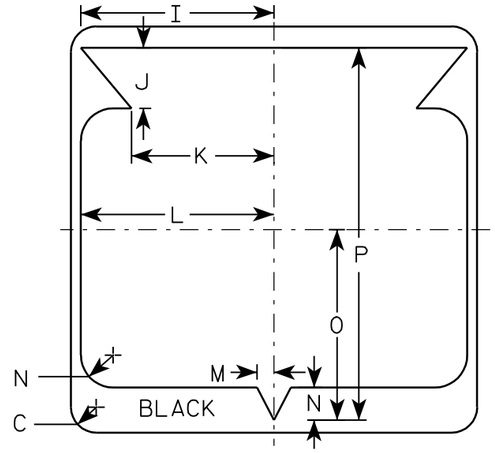
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 44 | E



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

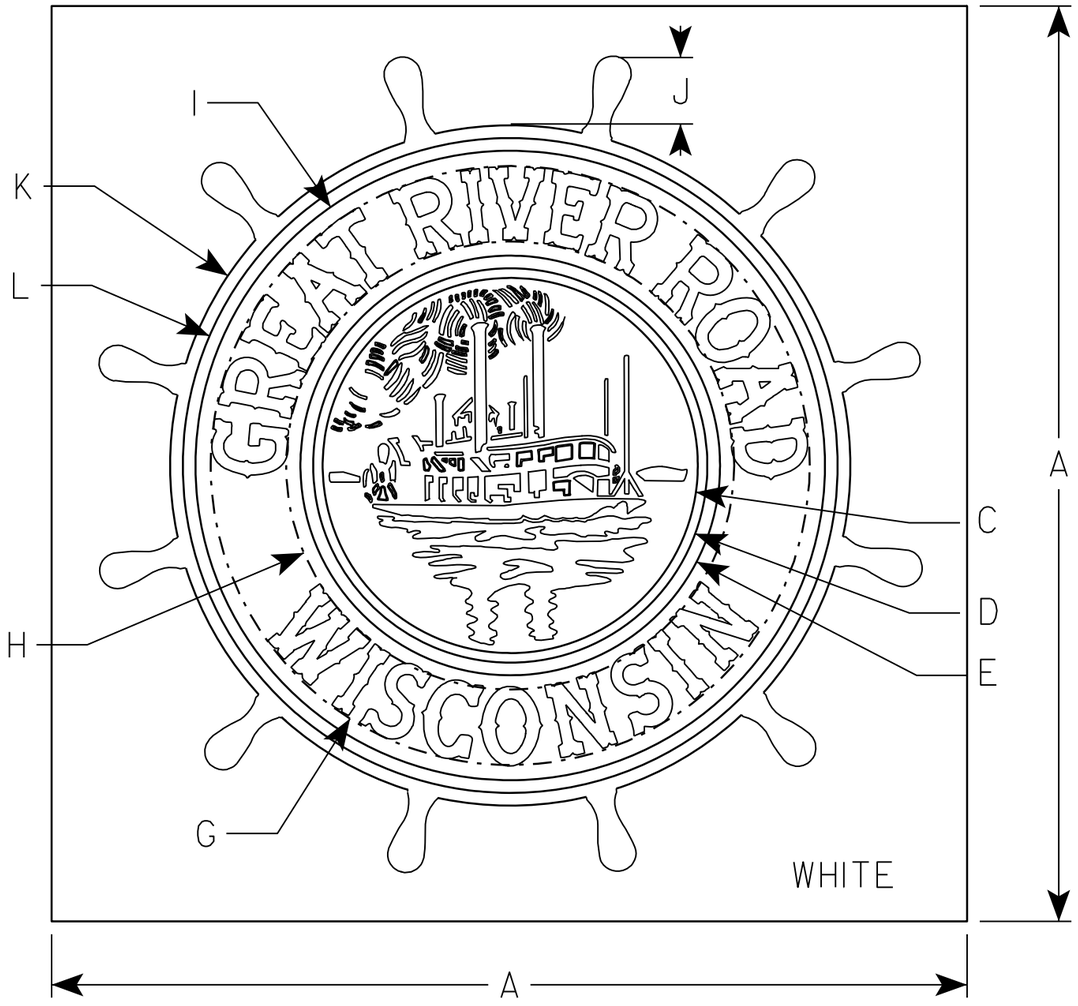
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

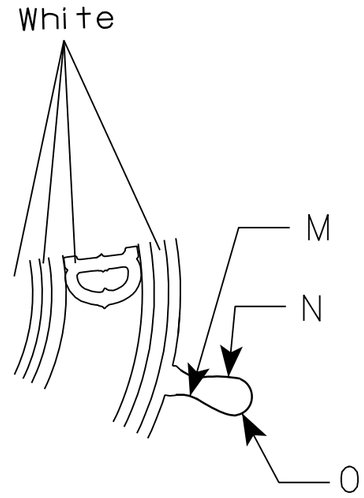
DATE 3/20/02 PLATE NO. M1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 45	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

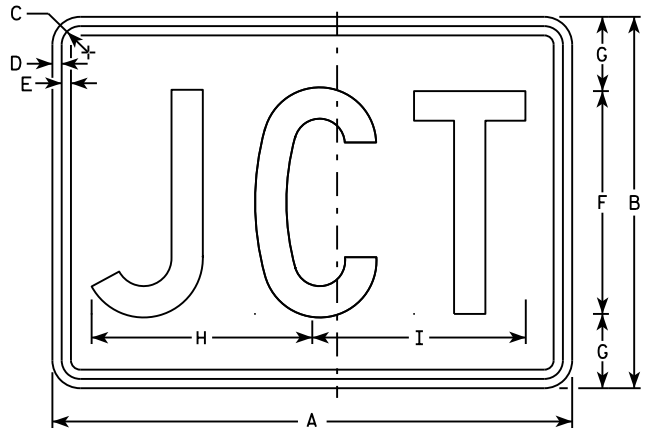
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 46	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M196.DGN PLOT DATE : 28-MAY-2010 08:23 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 5.959043:1.000000

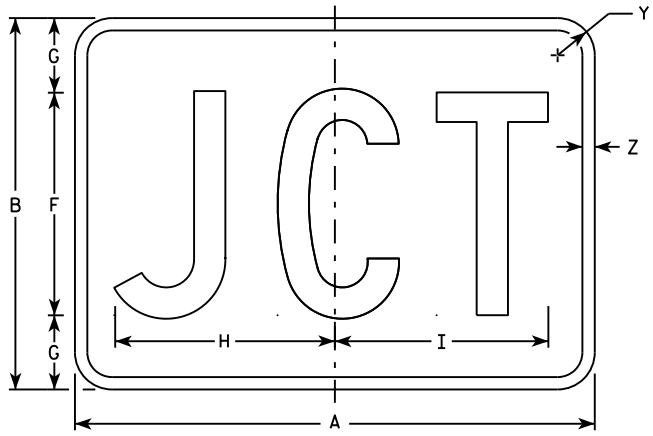
WISDOT/CADDS SHEET 42

7

7



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

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
   MP2-1 Background - White
   Message - Blue
   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

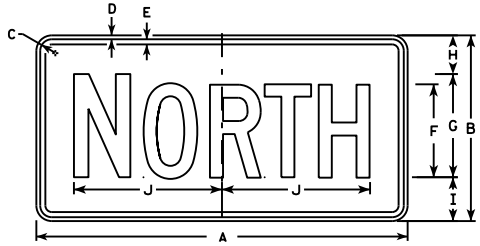
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

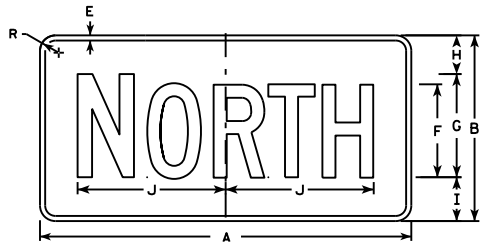
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M2-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



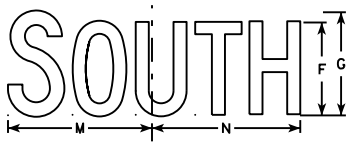
M3-1
MM3-1
MP3-1



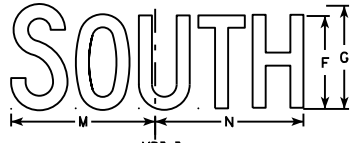
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

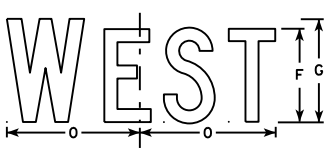
MB3-2
MK3-2
MN3-2



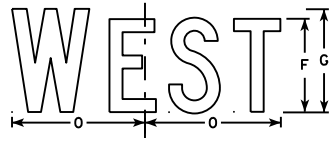
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

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
   MP3-1 thru MP3-4 Background - White
   Message - Blue
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

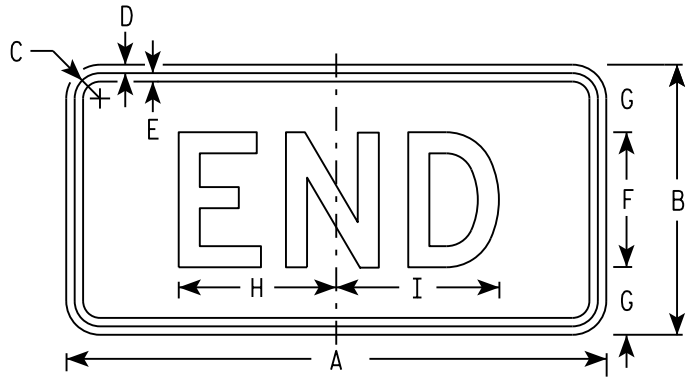
STANDARD SIGNS
M3-1 thur M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

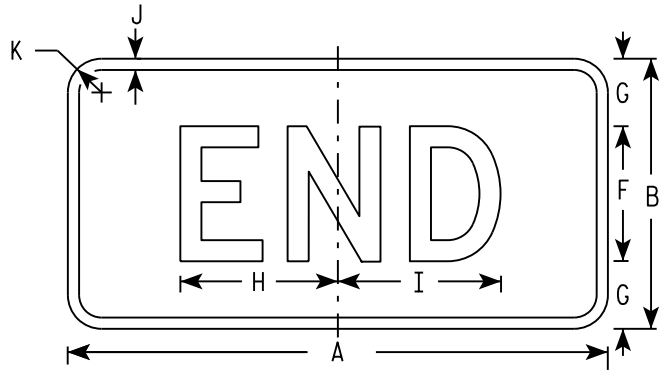
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO. M3-1.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
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. M4-6 Background - White
   Message - Black

   MB4-6 Background - Blue
   Message - White

   MK4-6 Background - Green
   Message - White

   MM4-6 Background - White
   Message - Green

   MN4-6 Background - Brown
   Message - White

   MP4-6 Background - White
   Message - Blue

   MR4-6 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	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-6

WISCONSIN DEPT OF TRANSPORTATION

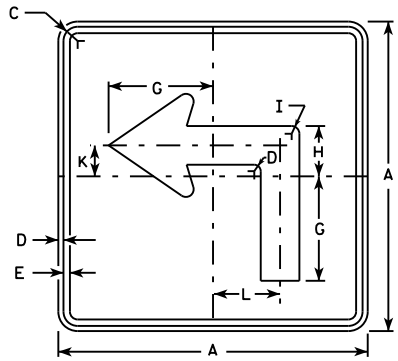
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M4-7.9

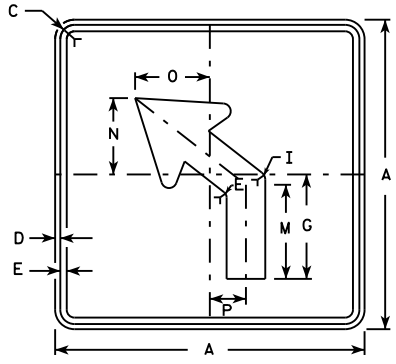
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

7

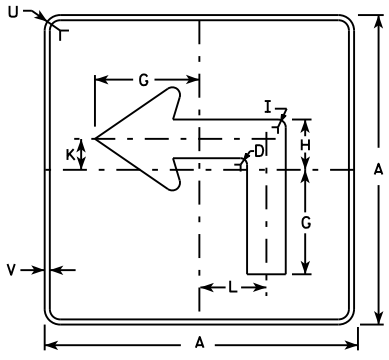
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M46.DGN PLOT DATE : 15-OCT-2015 13:08 PLOT BY : ss...plotuser...ss PLOT NAME : PLOT SCALE : 8.528262:1.000000
WISDOT/CADDS SHEET 42



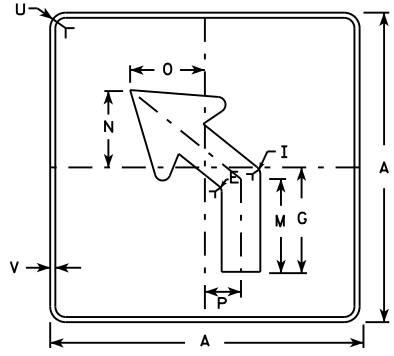
M5-1L
MM5-1L
MO5-1L
MP5-1L



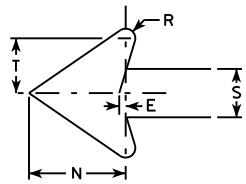
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective 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. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   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
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 7/8	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 7/8	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 7/8	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

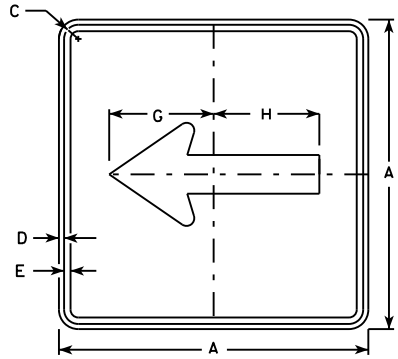
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

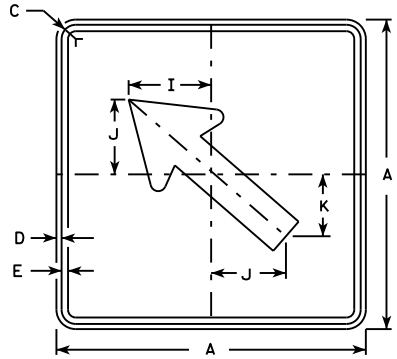
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



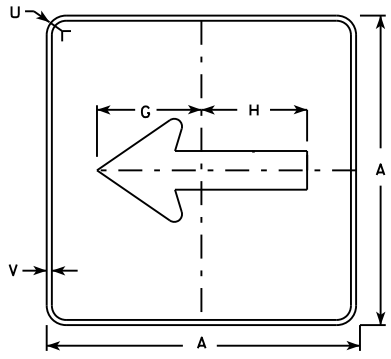
M6-1
MM6-1
MO6-1
MP6-1



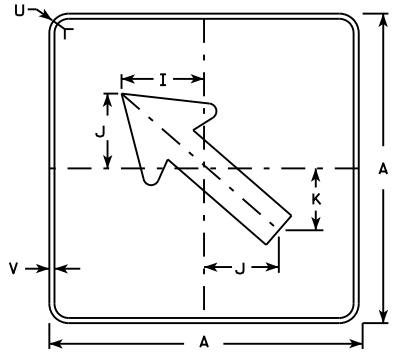
M6-2
MM6-2
MO6-2
MP6-2

NOTES

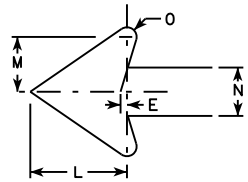
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   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
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



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

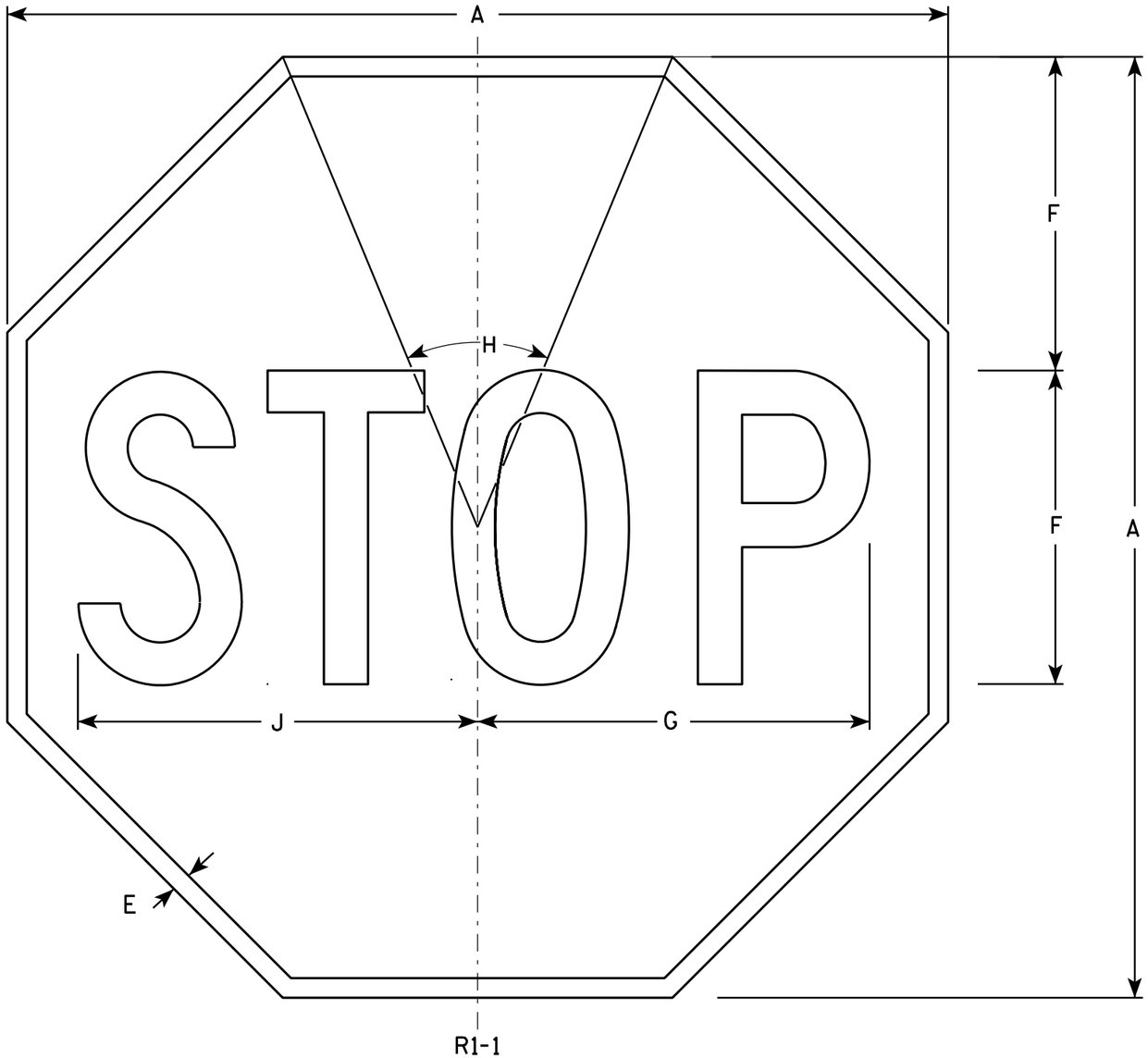
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	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

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

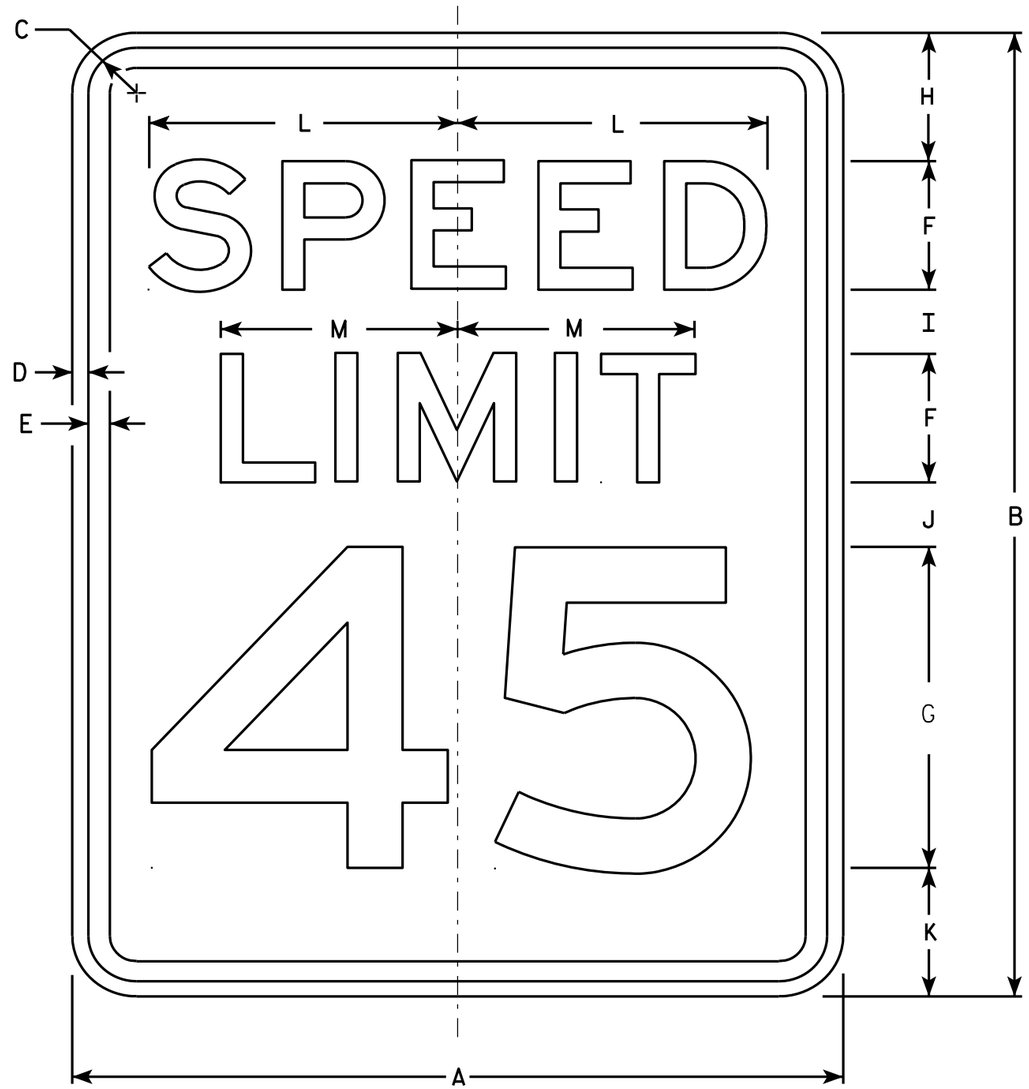
STANDARD SIGN
R1-1

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: 52	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

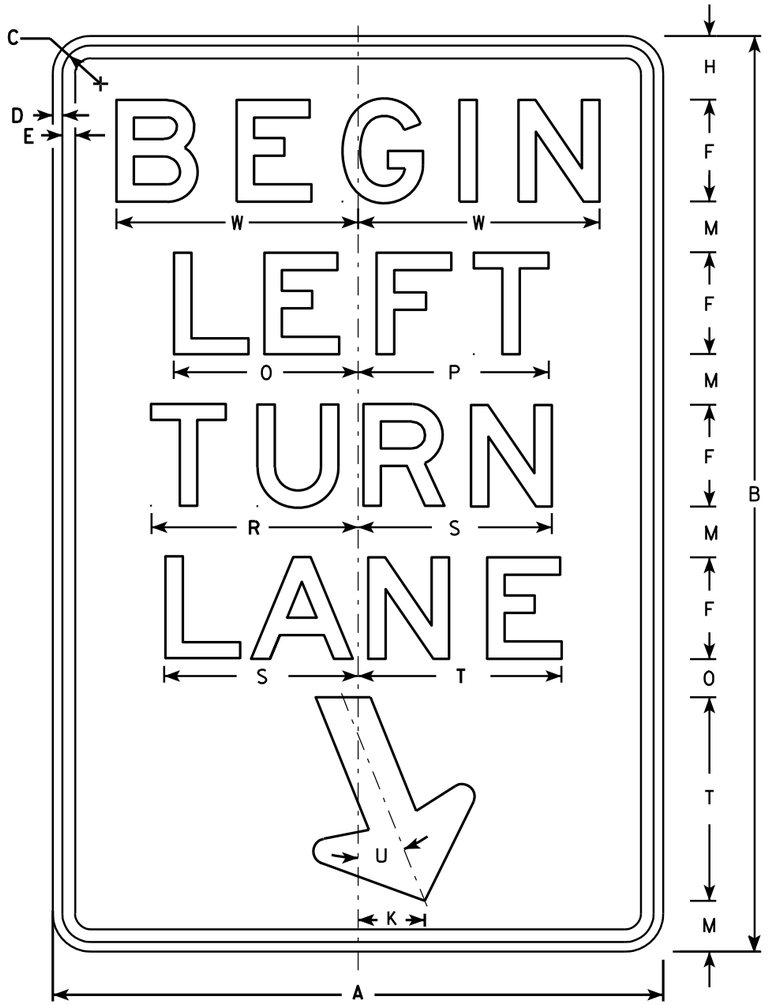
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

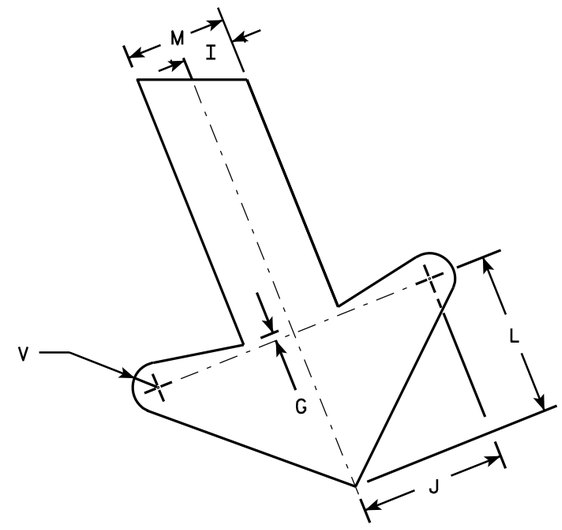
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 53 | E



R3-20L

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	7 1/4	7 1/2		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	7 1/4	7 1/2		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	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

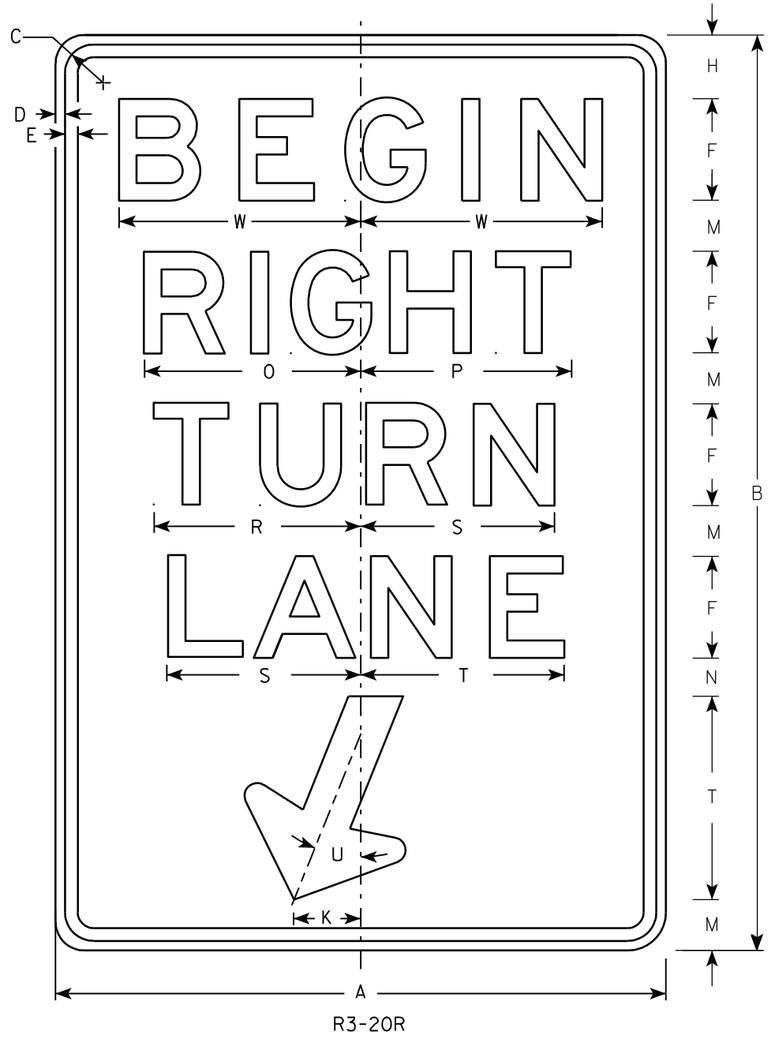
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

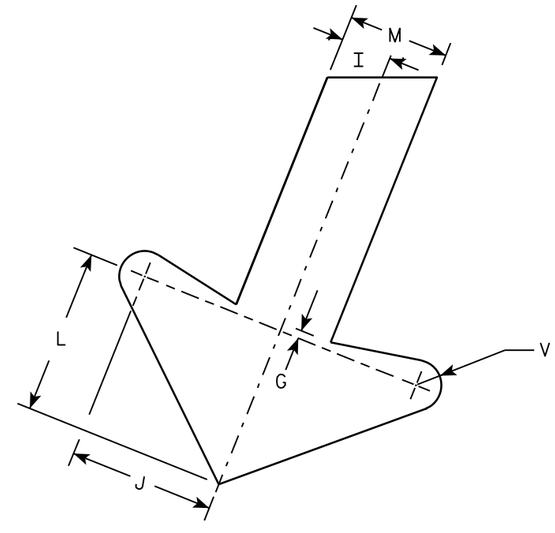
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 54 | E



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																											

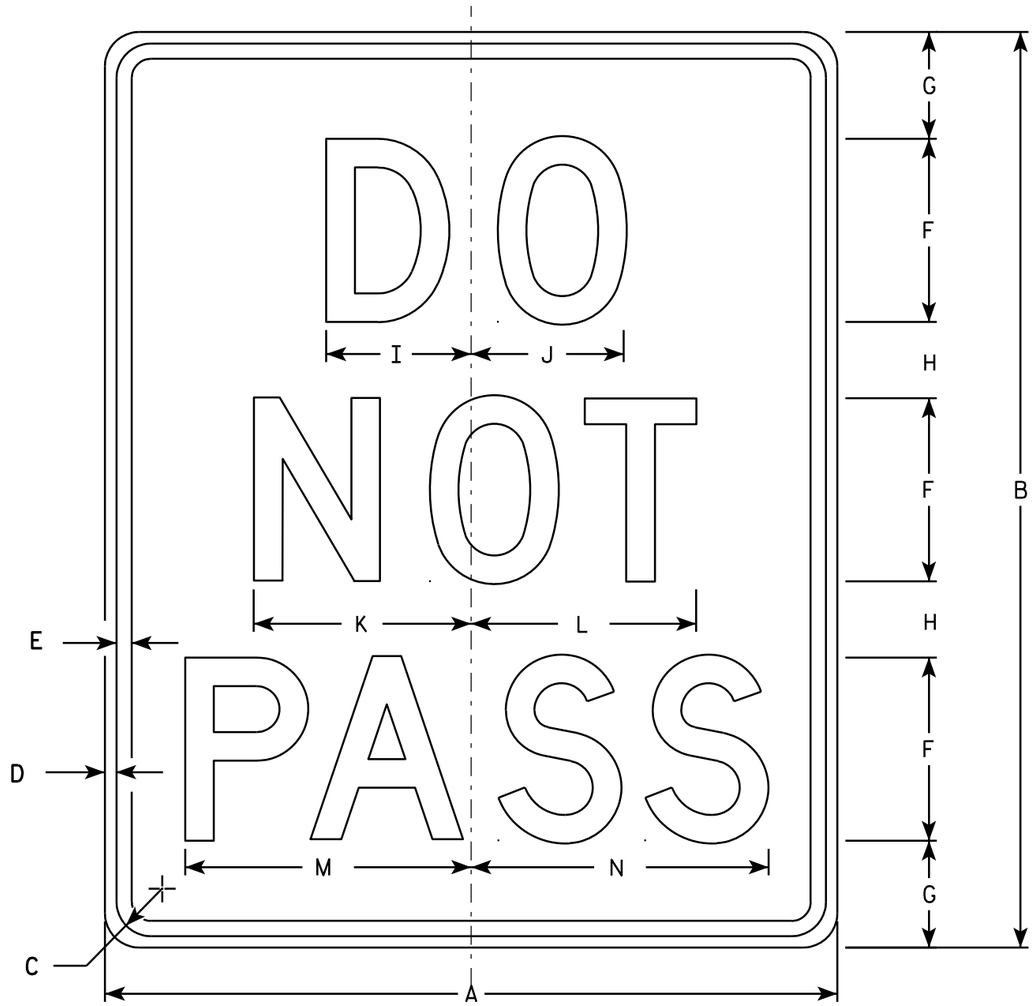
STANDARD SIGN
R3-20R

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: 55 | 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

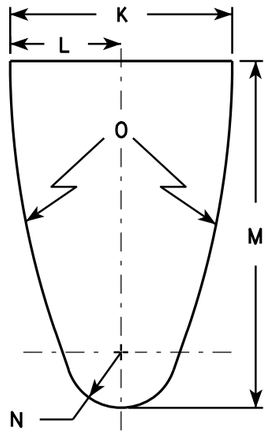
STANDARD SIGN
R4-1

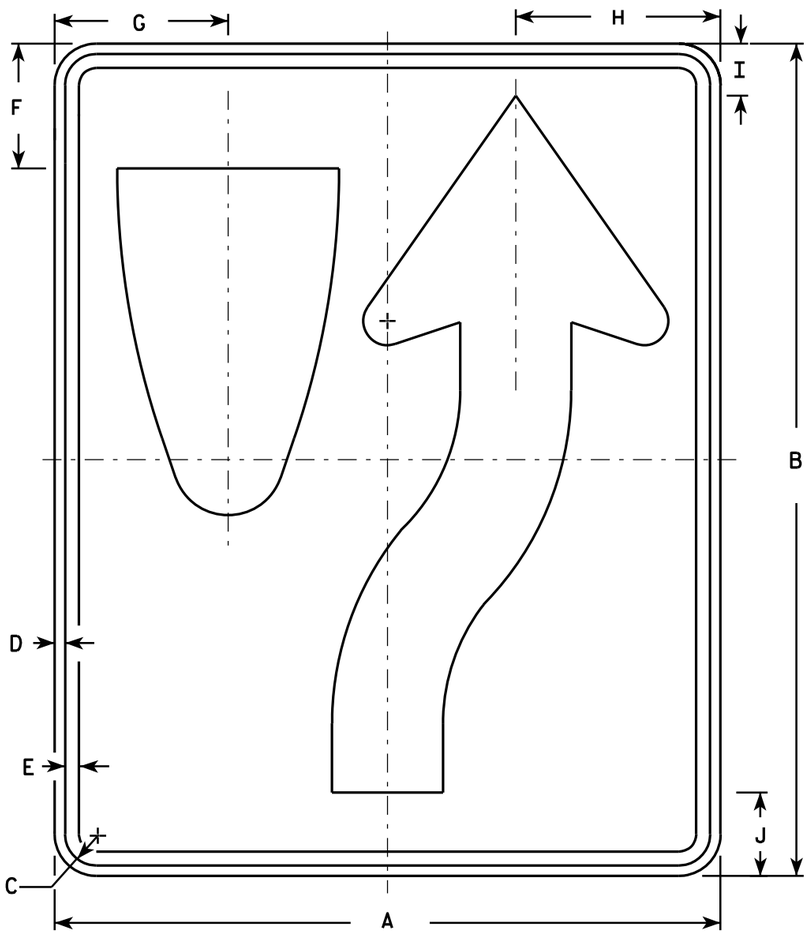
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 56 | E

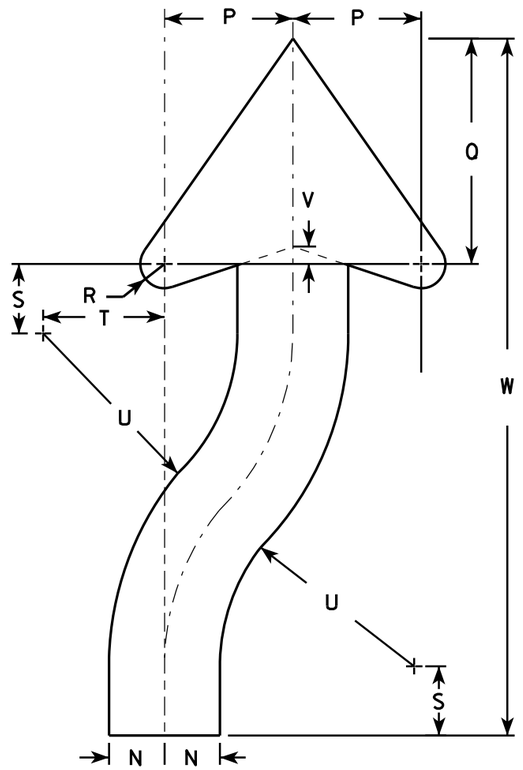




R4-7

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

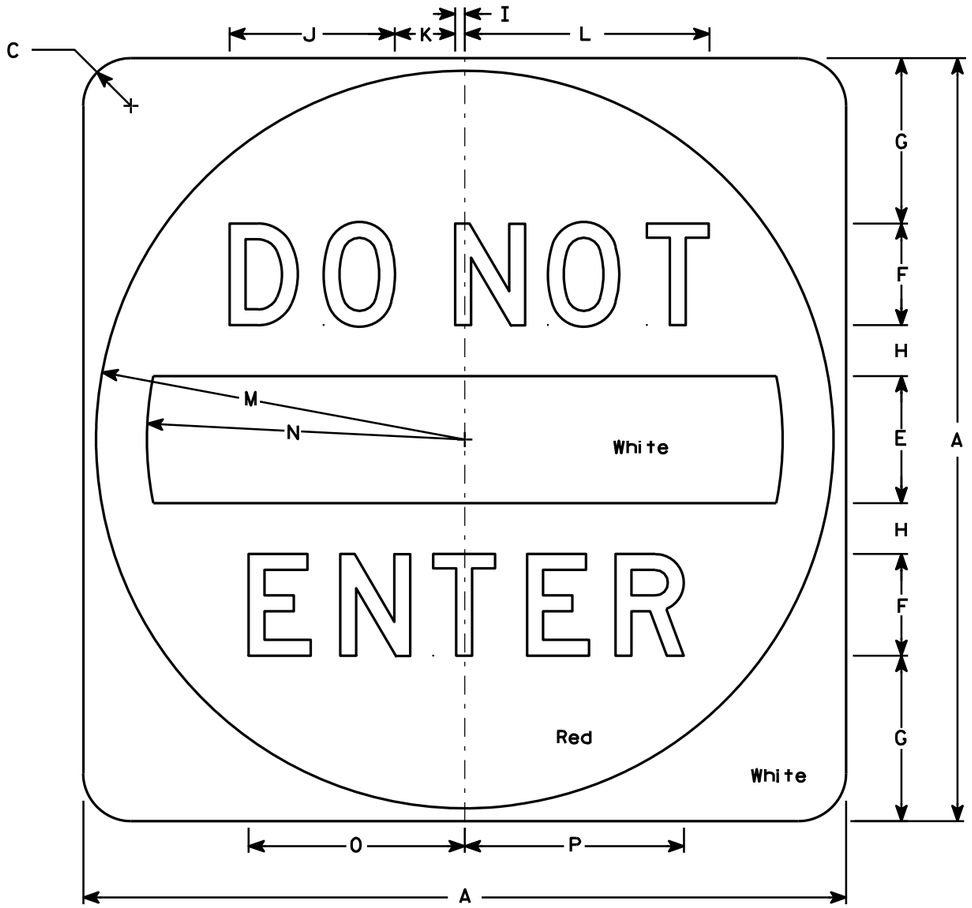
STANDARD SIGN
R4-7 & R4-8

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: 57	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

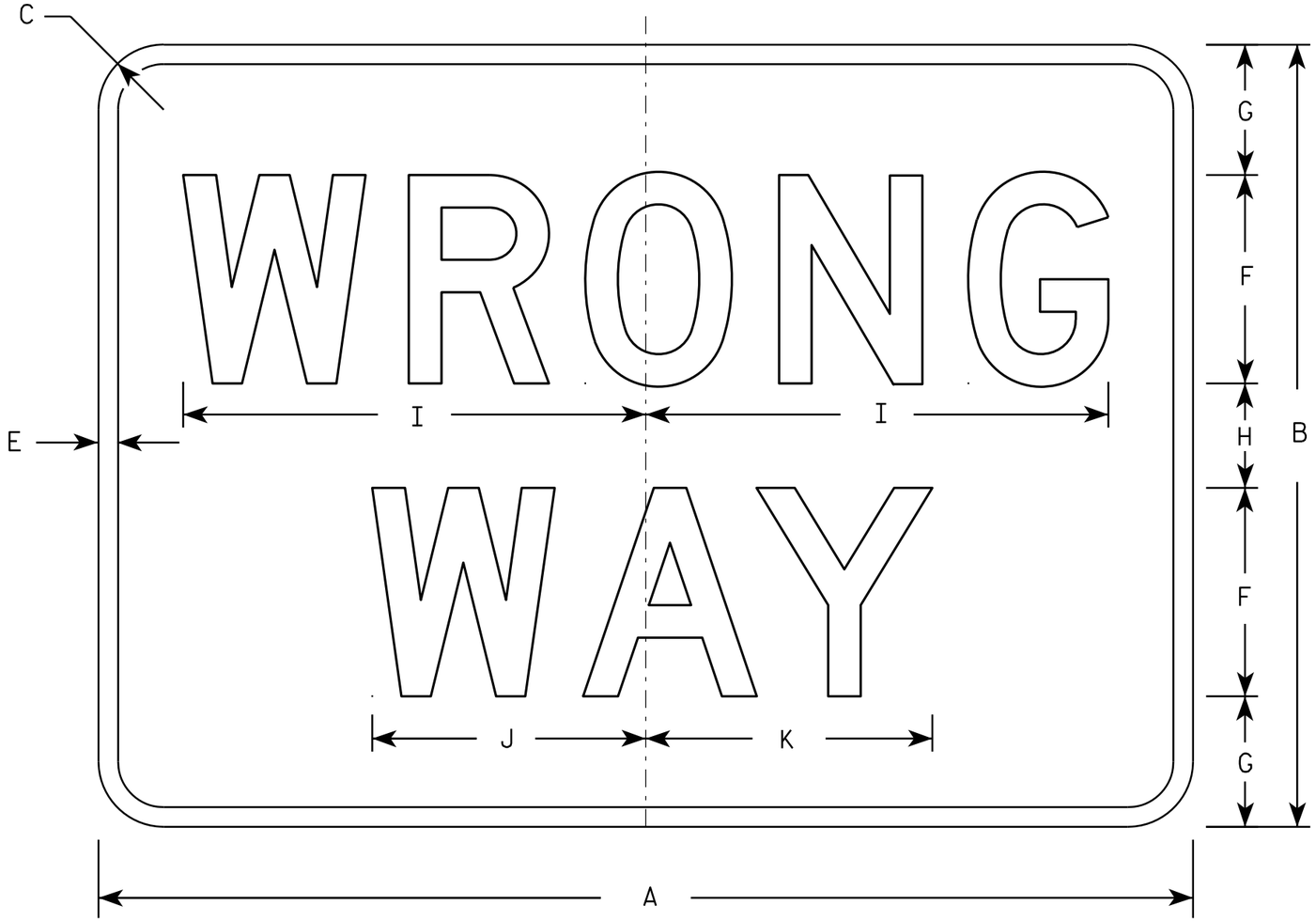
STANDARD SIGN
R5-1

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: 58 | 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

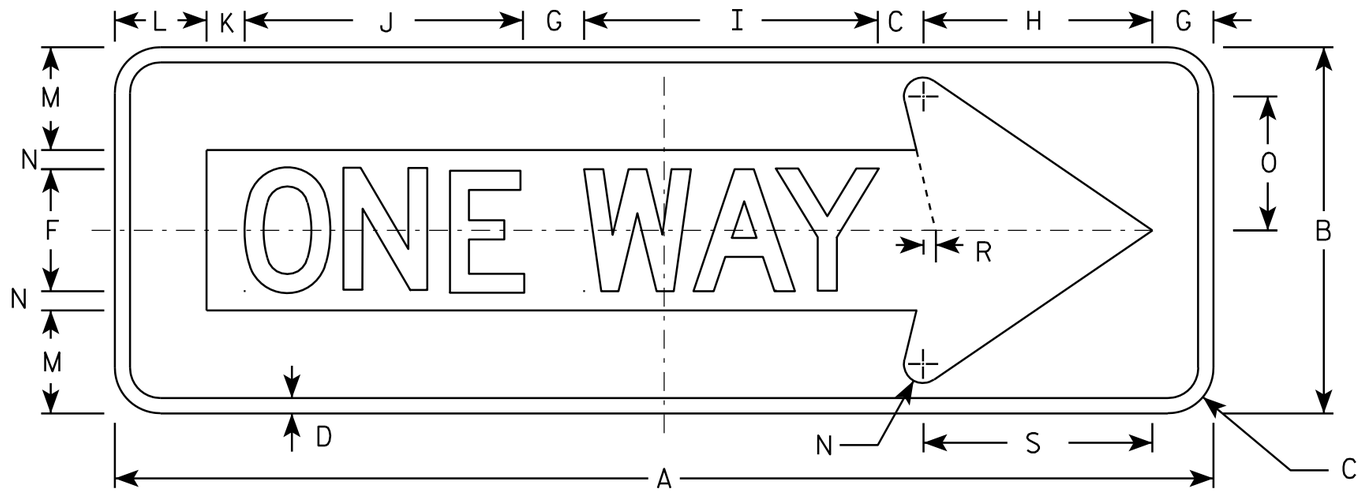
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

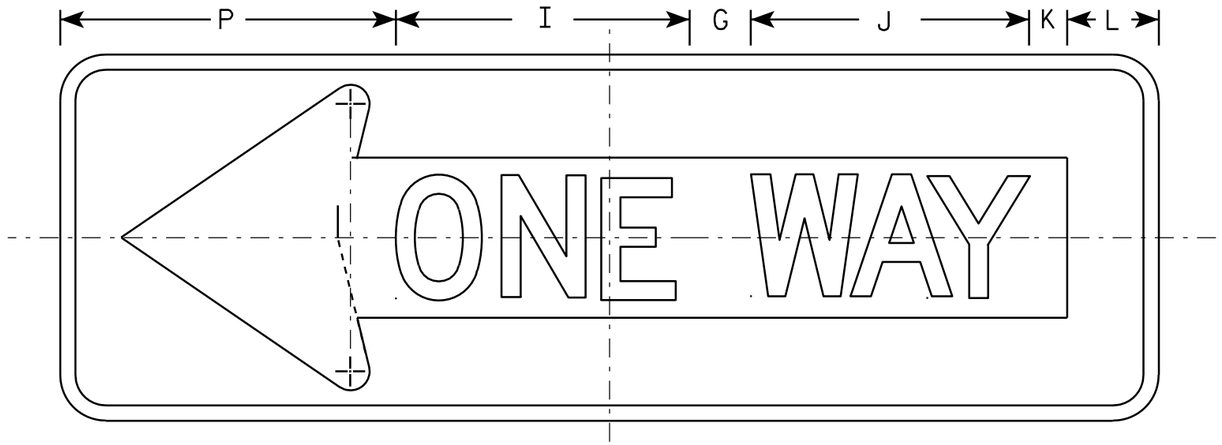
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 59 | E



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:

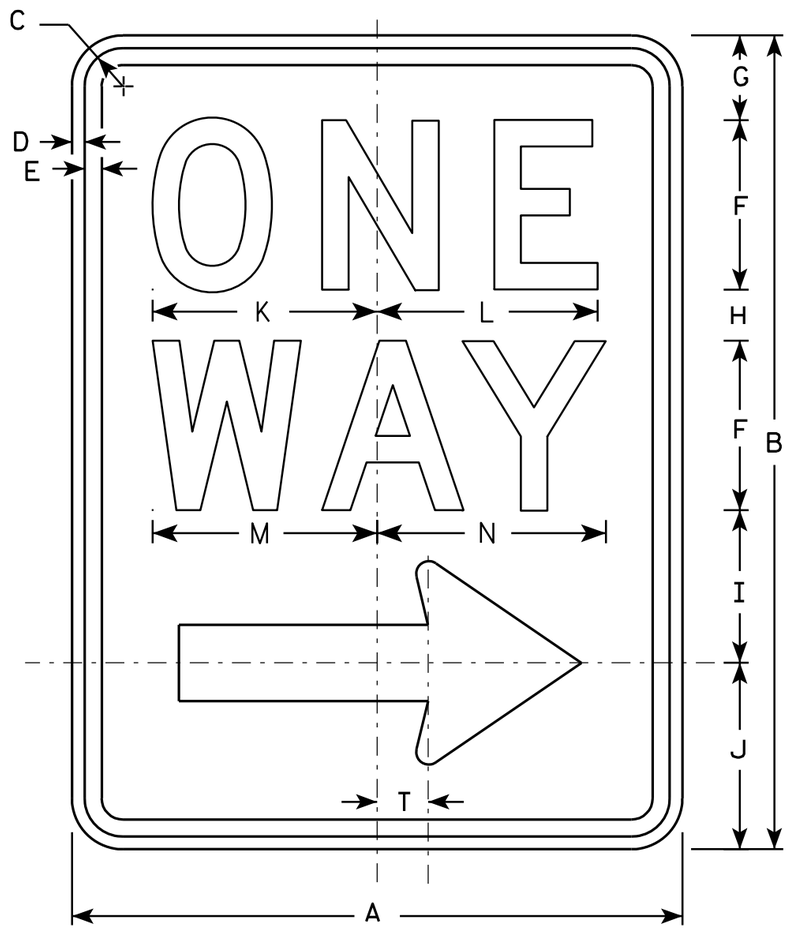
SHEET NO: 60 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R61.DGN PLOT DATE : 17-DEC-2010 14:11 PLOT BY : dotsja

WISDOT/CADDS SHEET 42

7

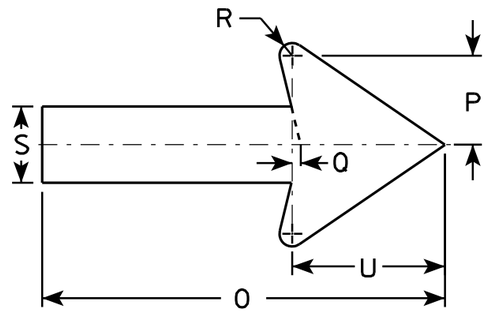
7



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	Q	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																										

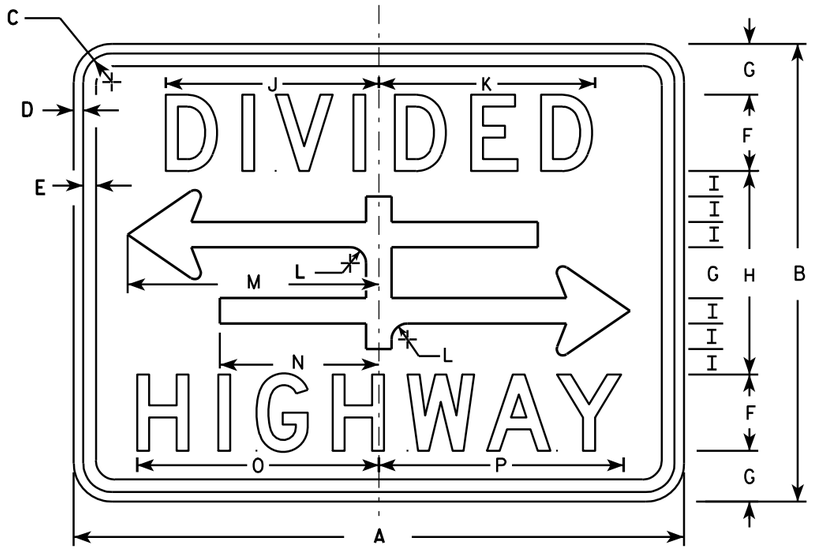
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

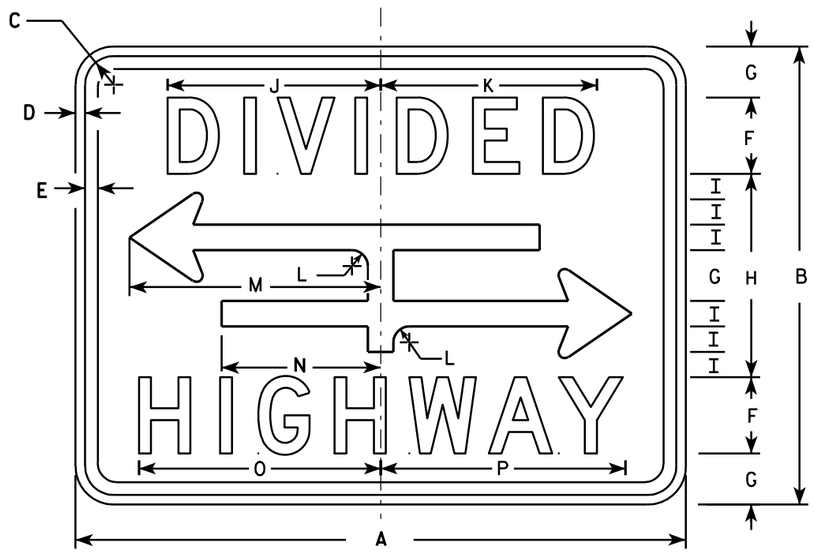
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 61	E



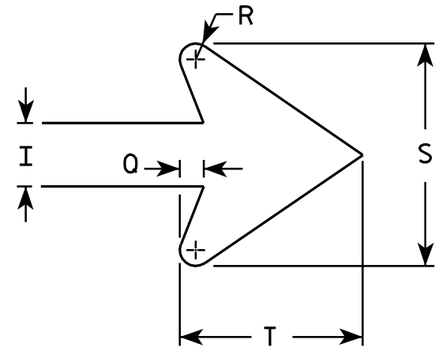
R6-3

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

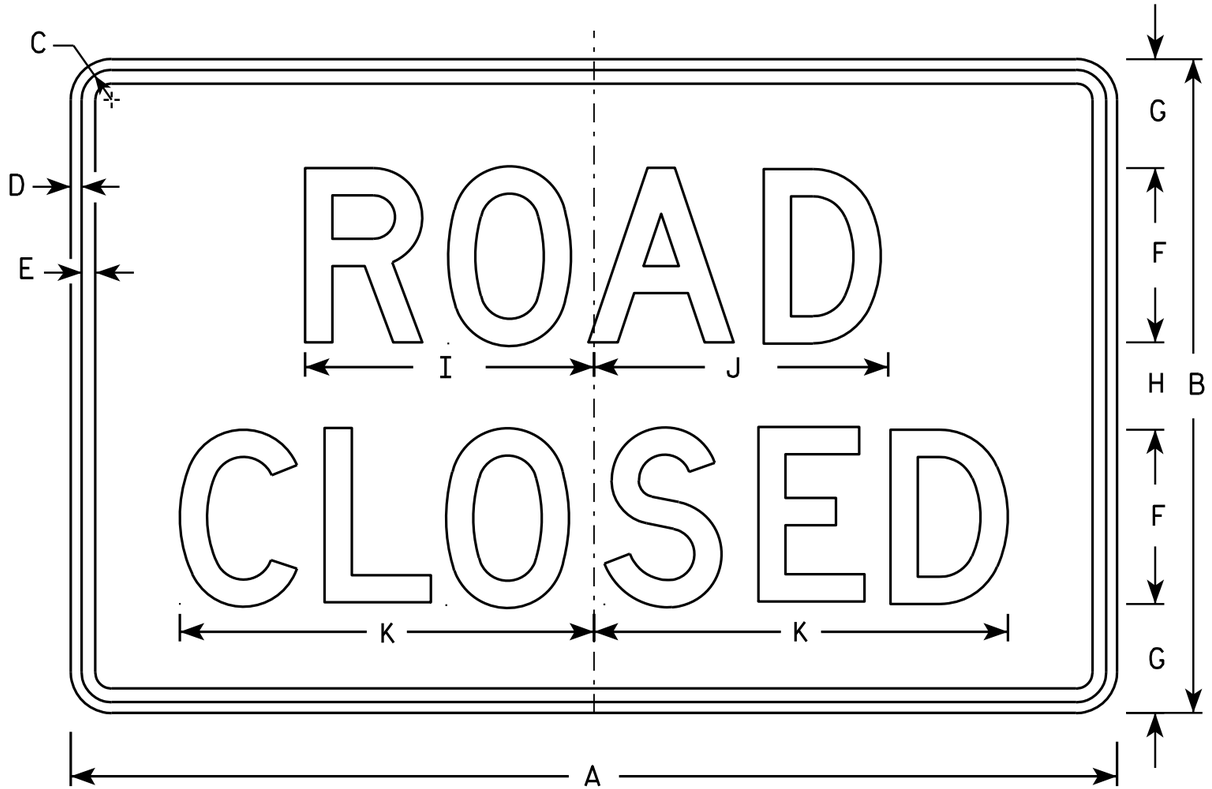
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

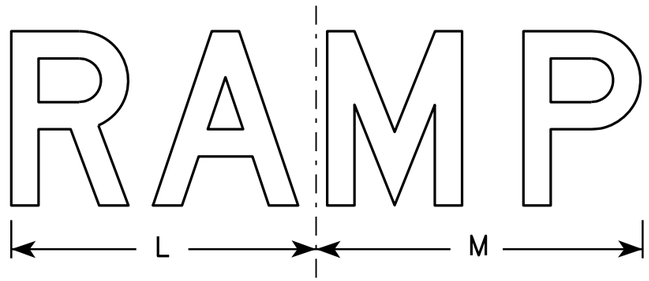
SHEET NO: 62 E



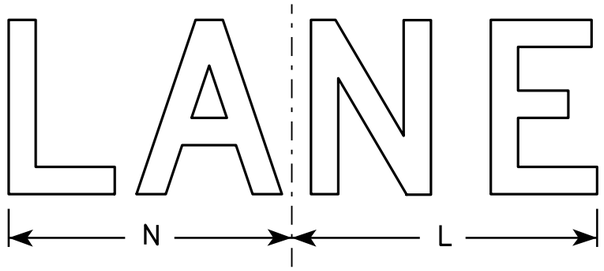
R11-2

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

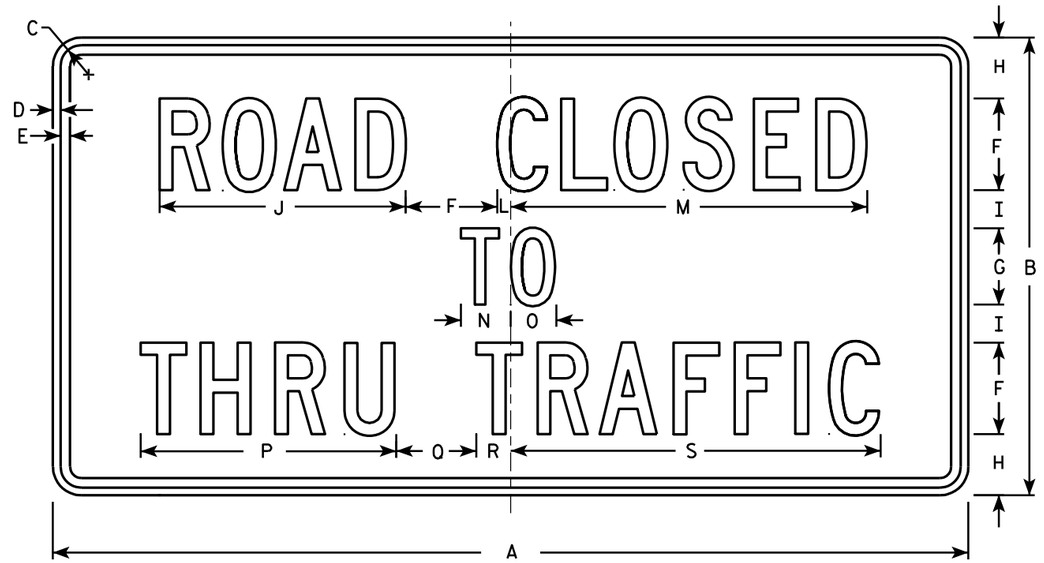
STANDARD SIGN
R11-2

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: 63 | E



R11-4

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 - 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	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

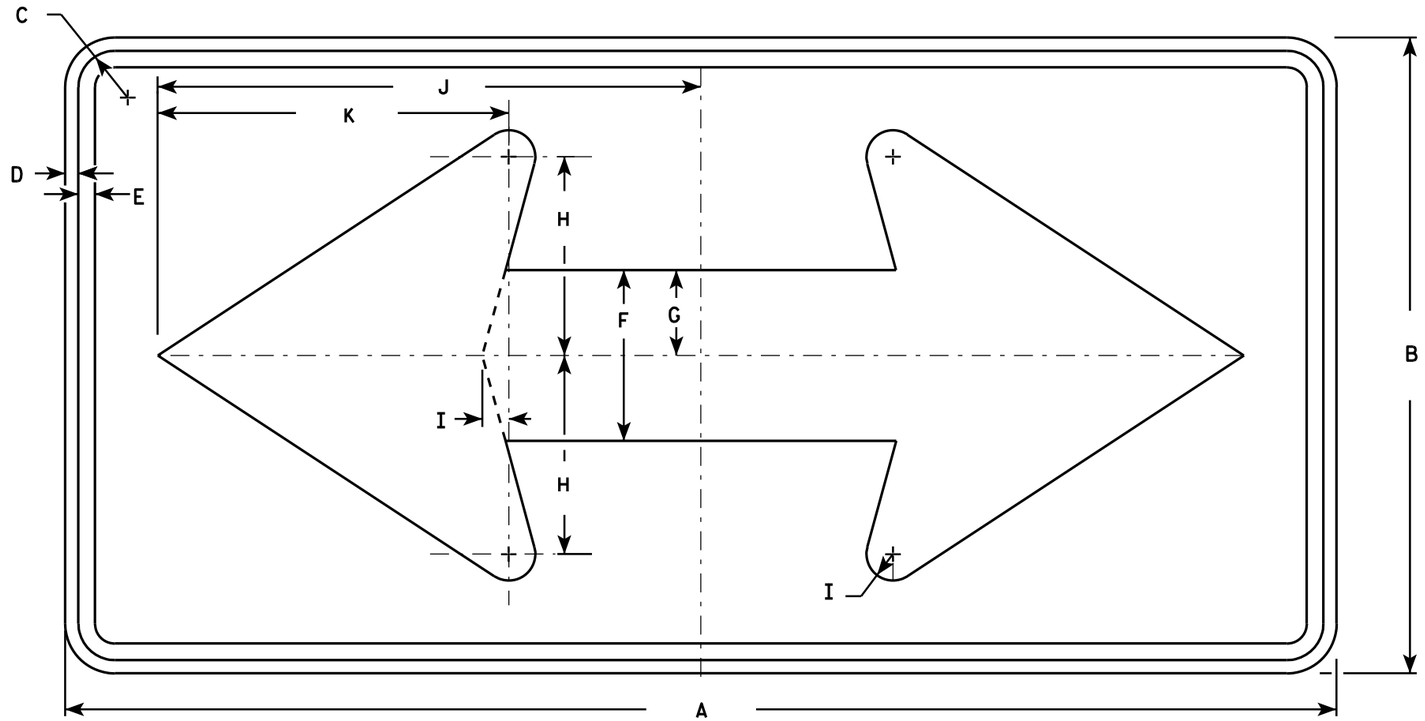
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 64 | E



W1-7

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	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

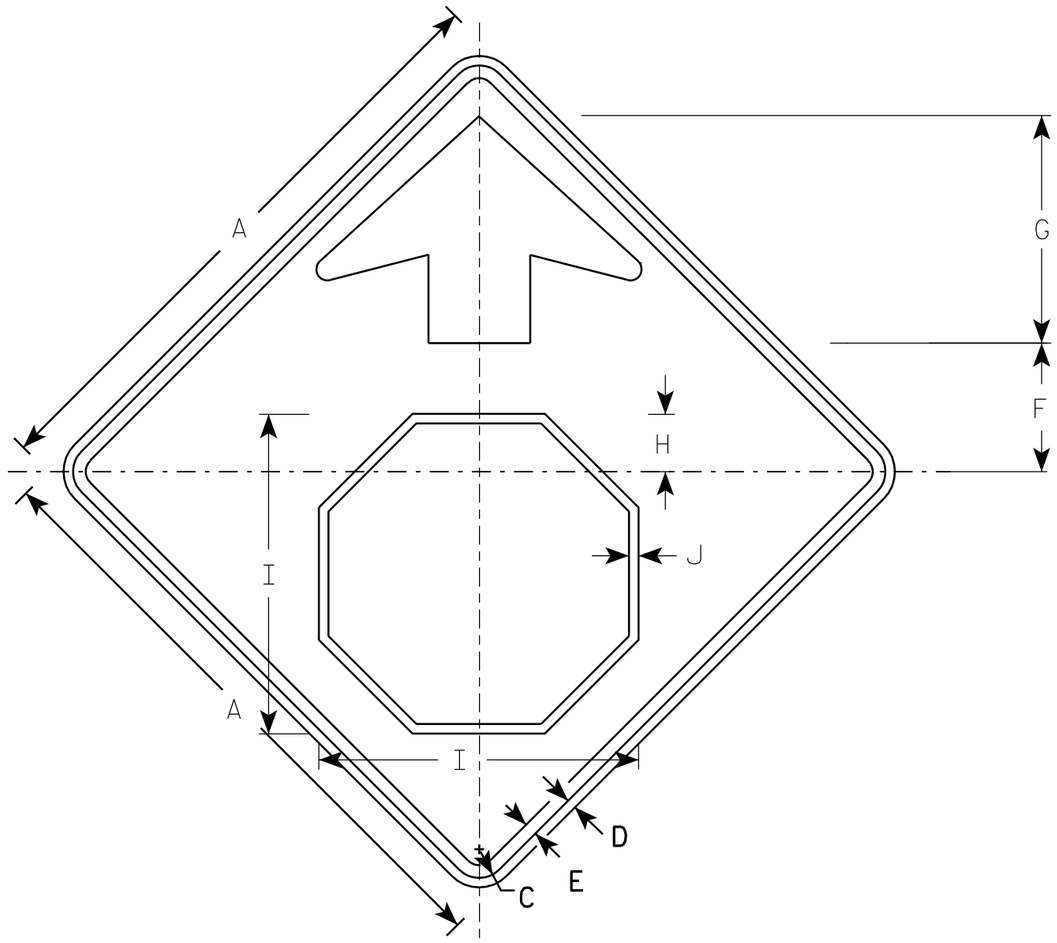
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

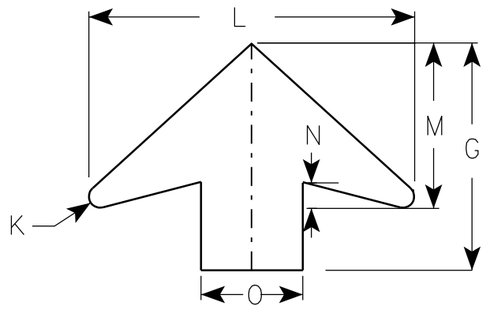
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 65 | E



W3-1

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
   Stop 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	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

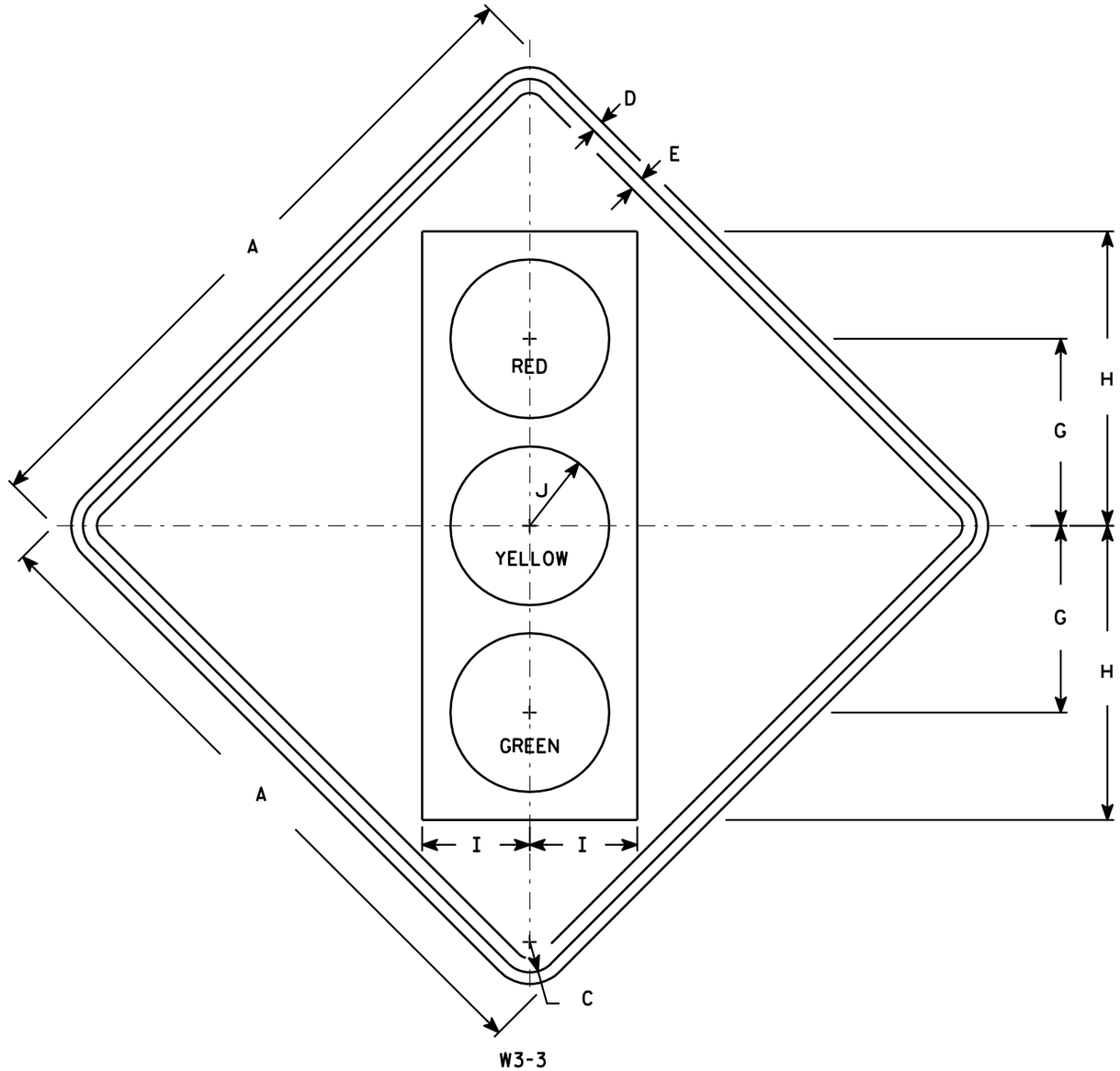
SHEET NO: 66 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W31.DGN PLOT DATE : 07-JUN-2010 12:59 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

7



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

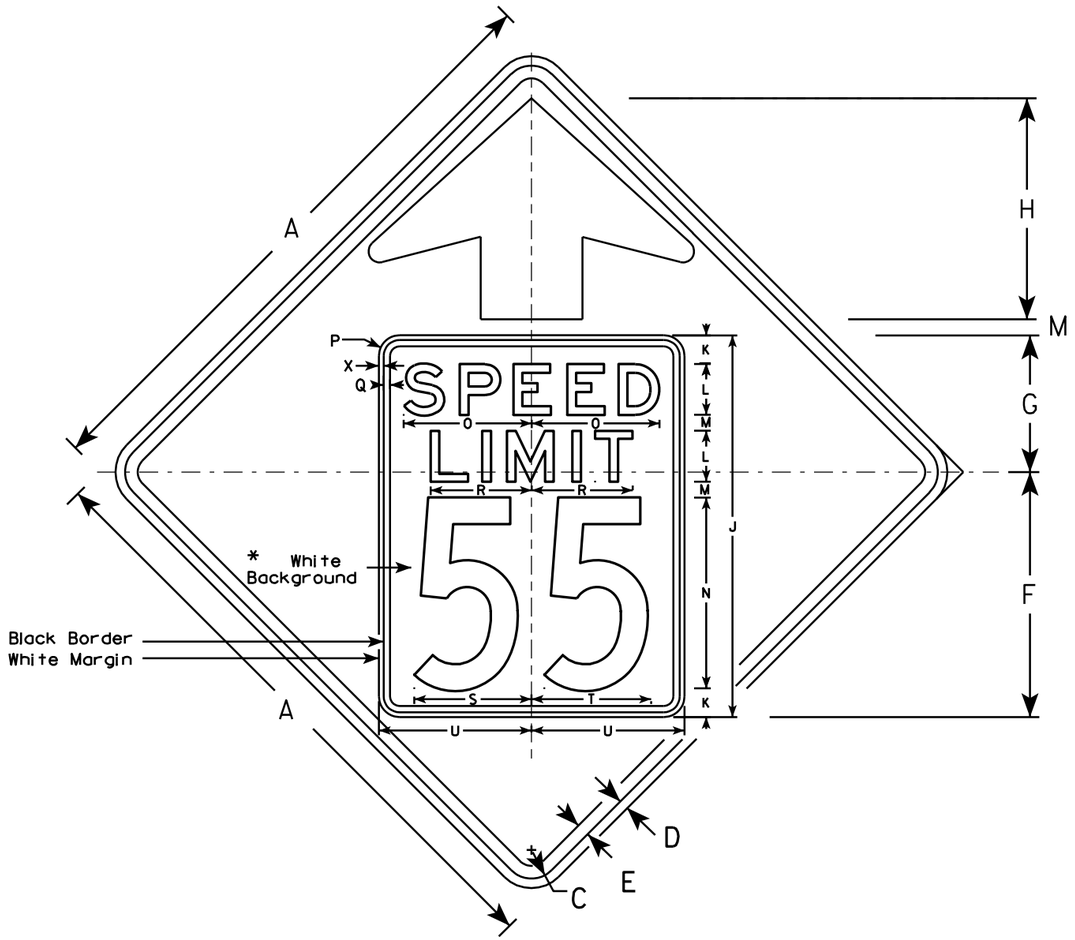
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-3.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 67 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W33.DGN PLOT DATE : 07-JUN-2010 13:07 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 7.448805:1.000000
WISDOT/CADDS SHEET 42

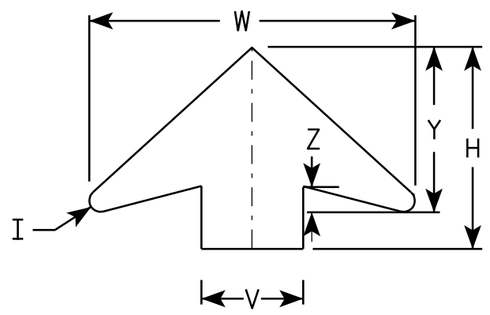


W3-5

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

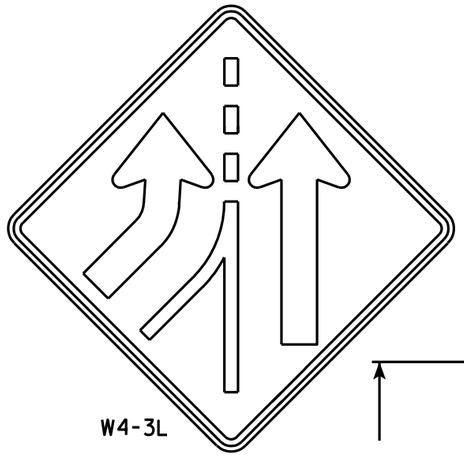
WISCONSIN DEPT OF TRANSPORTATION

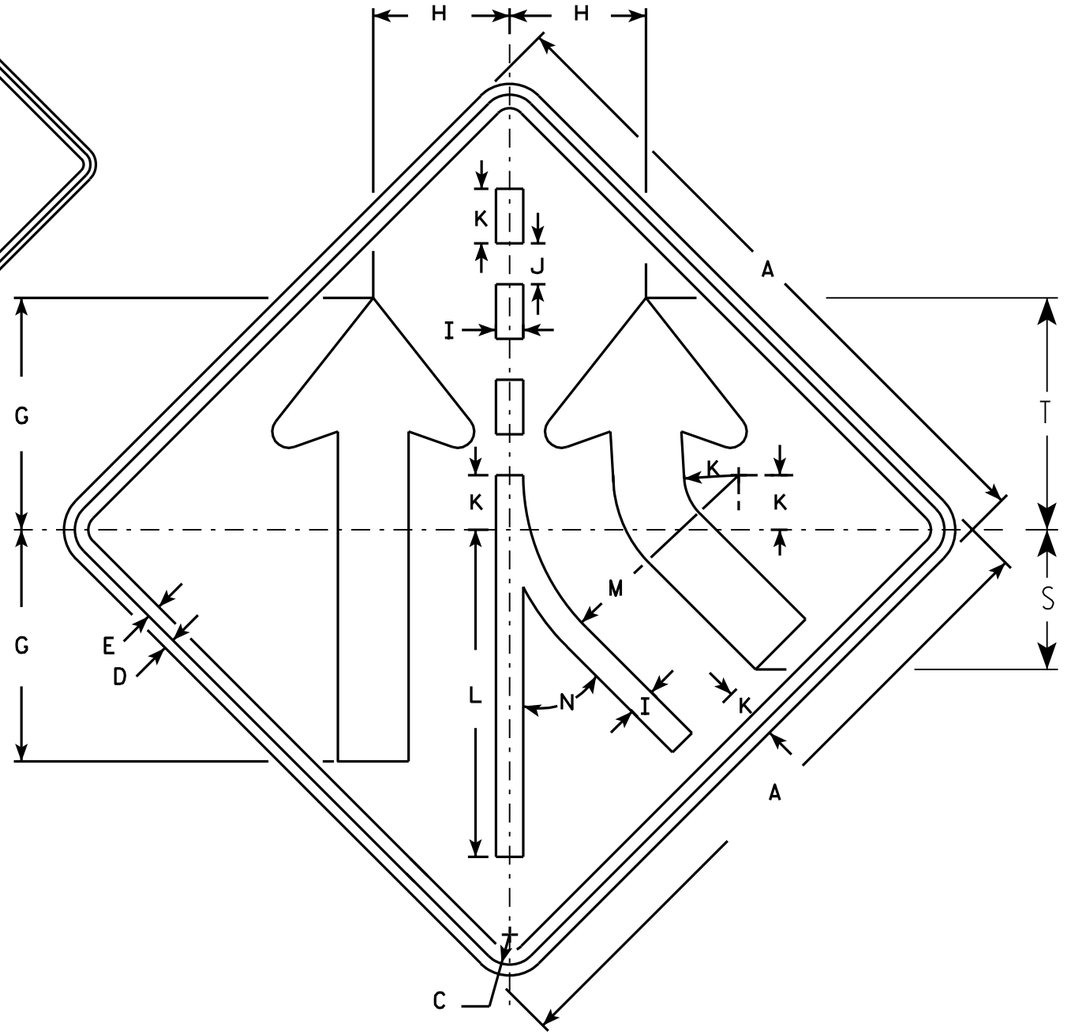
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 68 E

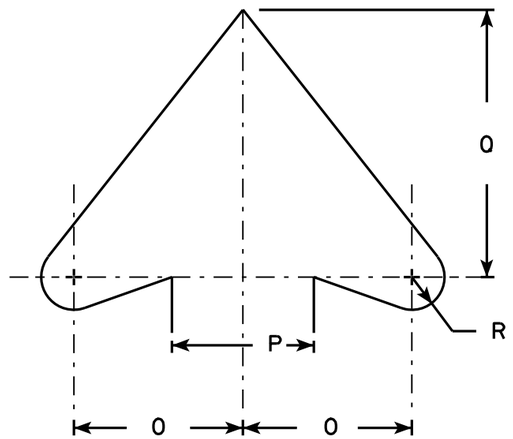




W4-3R

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. W4-3 L is the same as W4-3 R 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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		10 5/8	6 1/4	1 1/4	1 7/8	2 1/2	15	9 7/8	45°	3 7/8	3 1/4	6 1/8	3/4	6 3/8	10 5/8							6.25
2S	36		1 5/8	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
2M	36		1 5/8	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
3																											
4	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
5	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0

STANDARD SIGN
W4-3

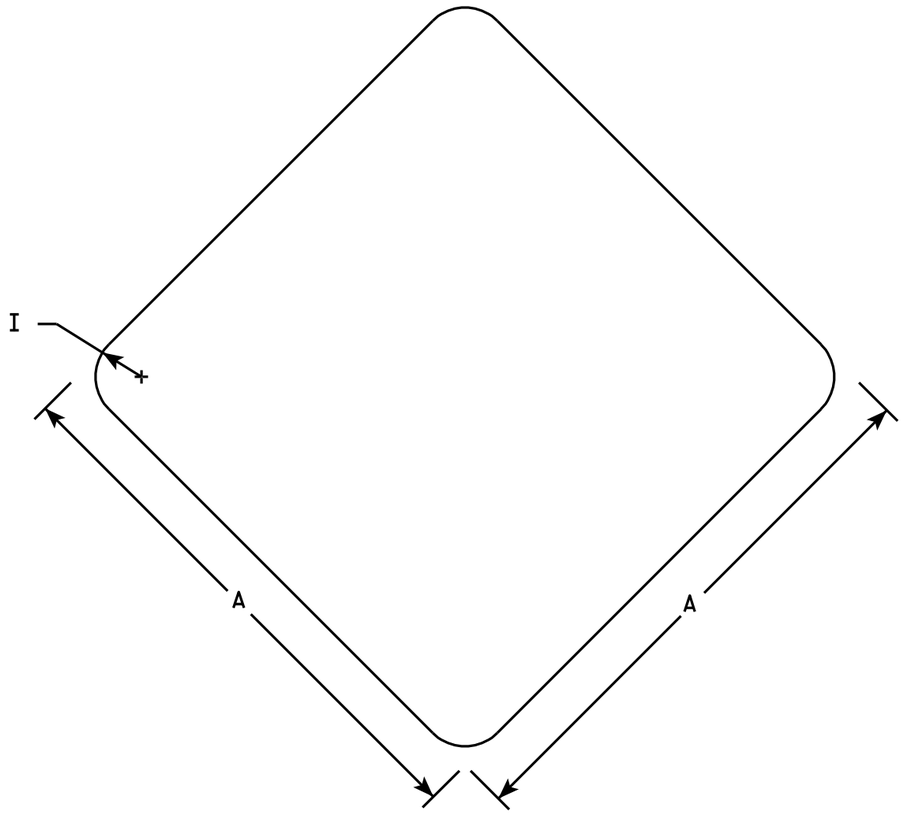
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-3.8

PROJECT NO:

SHEET NO: 69 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																											

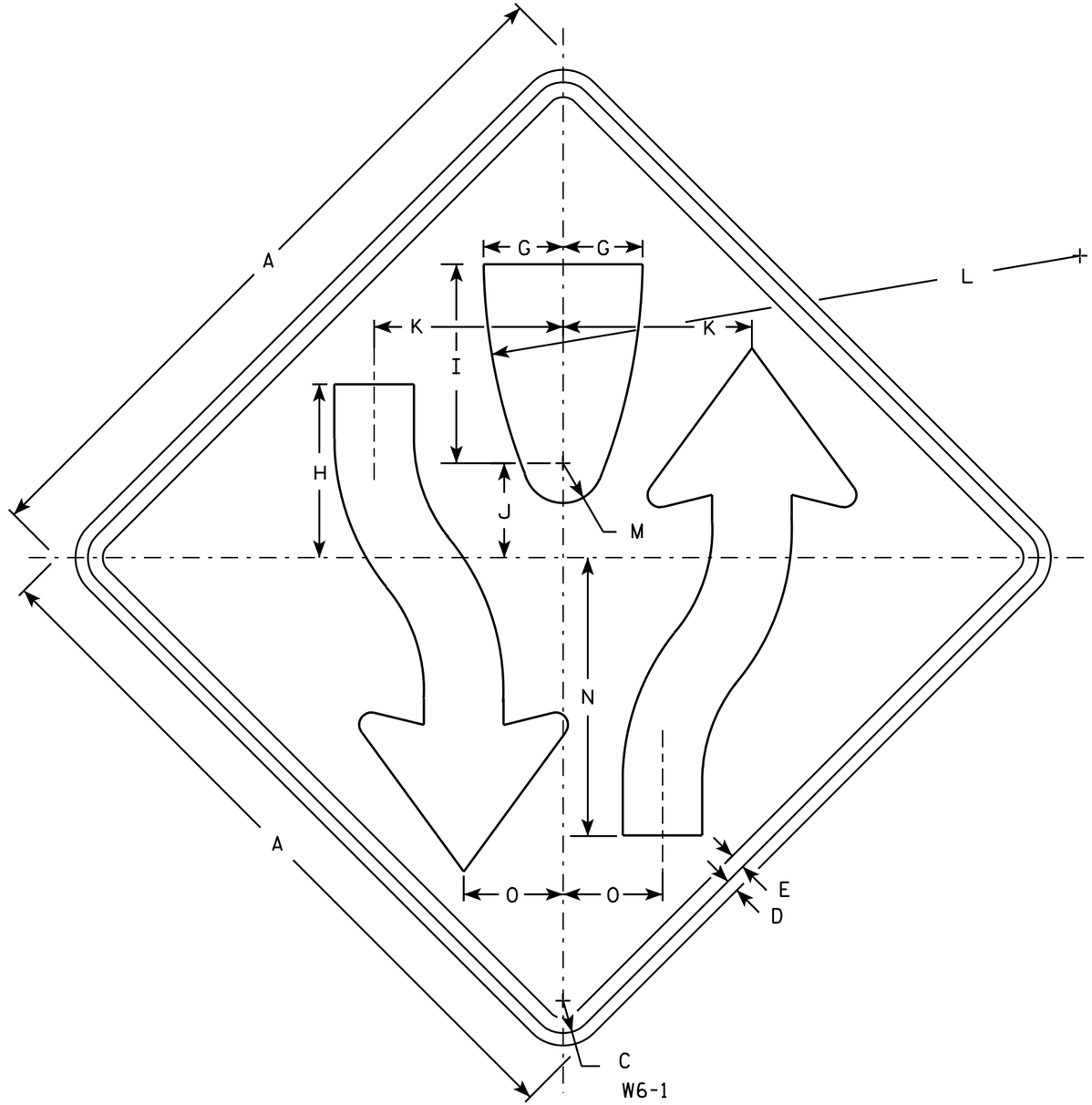
STANDARD SIGN
W5-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

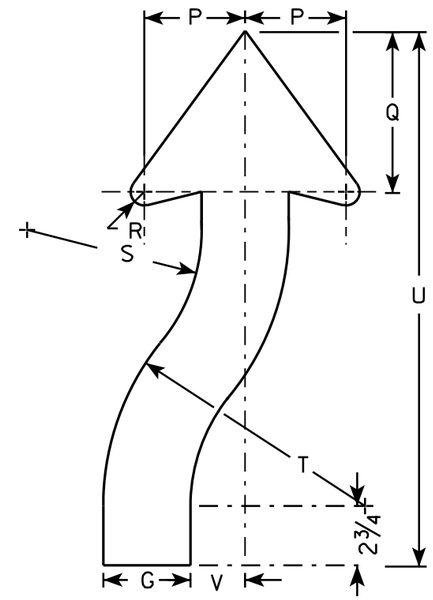
DATE 11/2/10 PLATE NO. W5-56.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 70	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 - 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. W6-2 same as W6-1 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	30		1 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25
2S	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
2M	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
3																											
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
W6-1 & W6-2

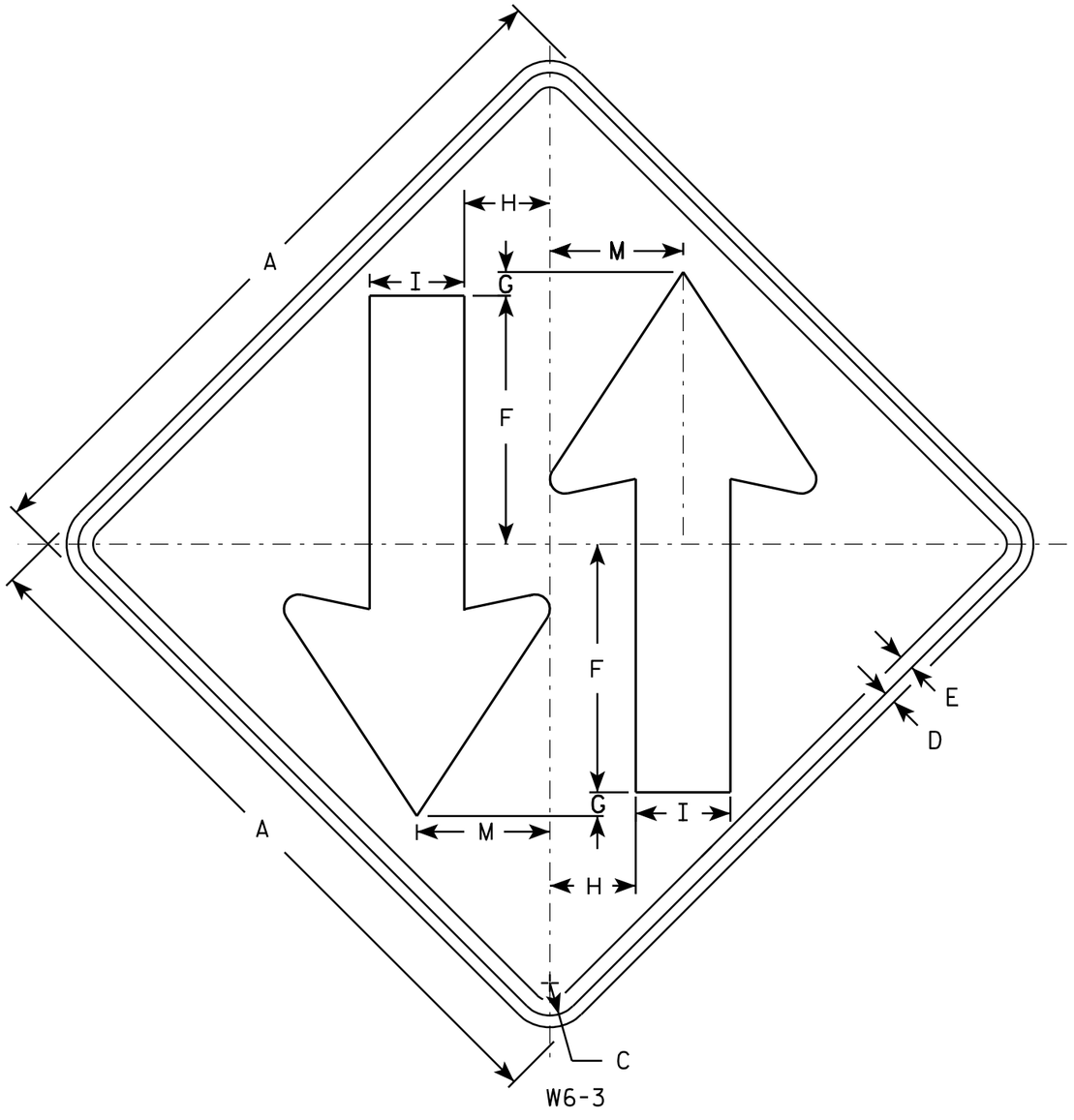
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W6-1.14

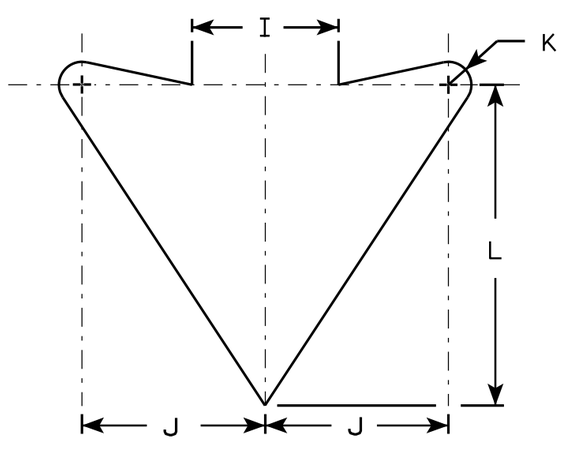
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 71	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W61.DGN PLOT DATE : 12-MAR-2013 14:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.946657:1.000000
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 - 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.



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	10 1/2	1	3 5/8	4	5	5/8	8 3/4	5 5/8														6.25
2S	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
2M	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
3																											
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

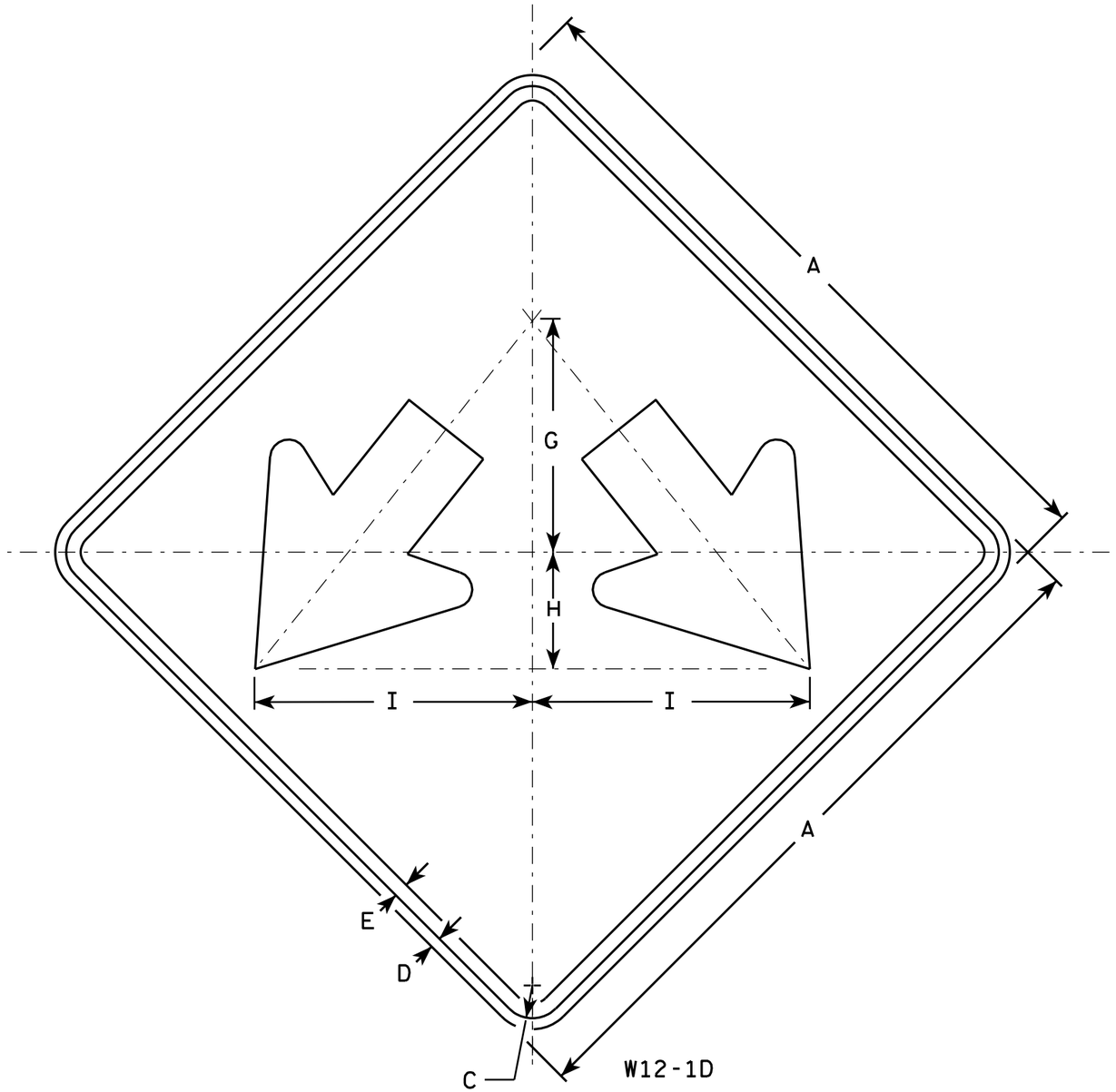
STANDARD SIGN
W6-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

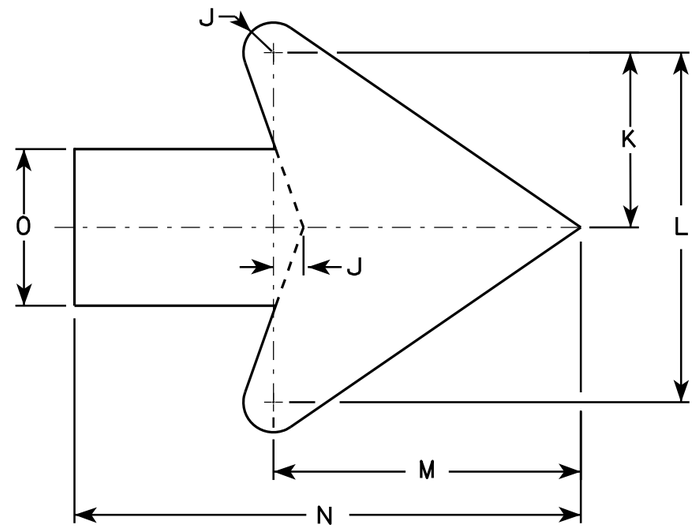
DATE 03/12/13 PLATE NO. W6-3.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 72	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 - 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																											
2S	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

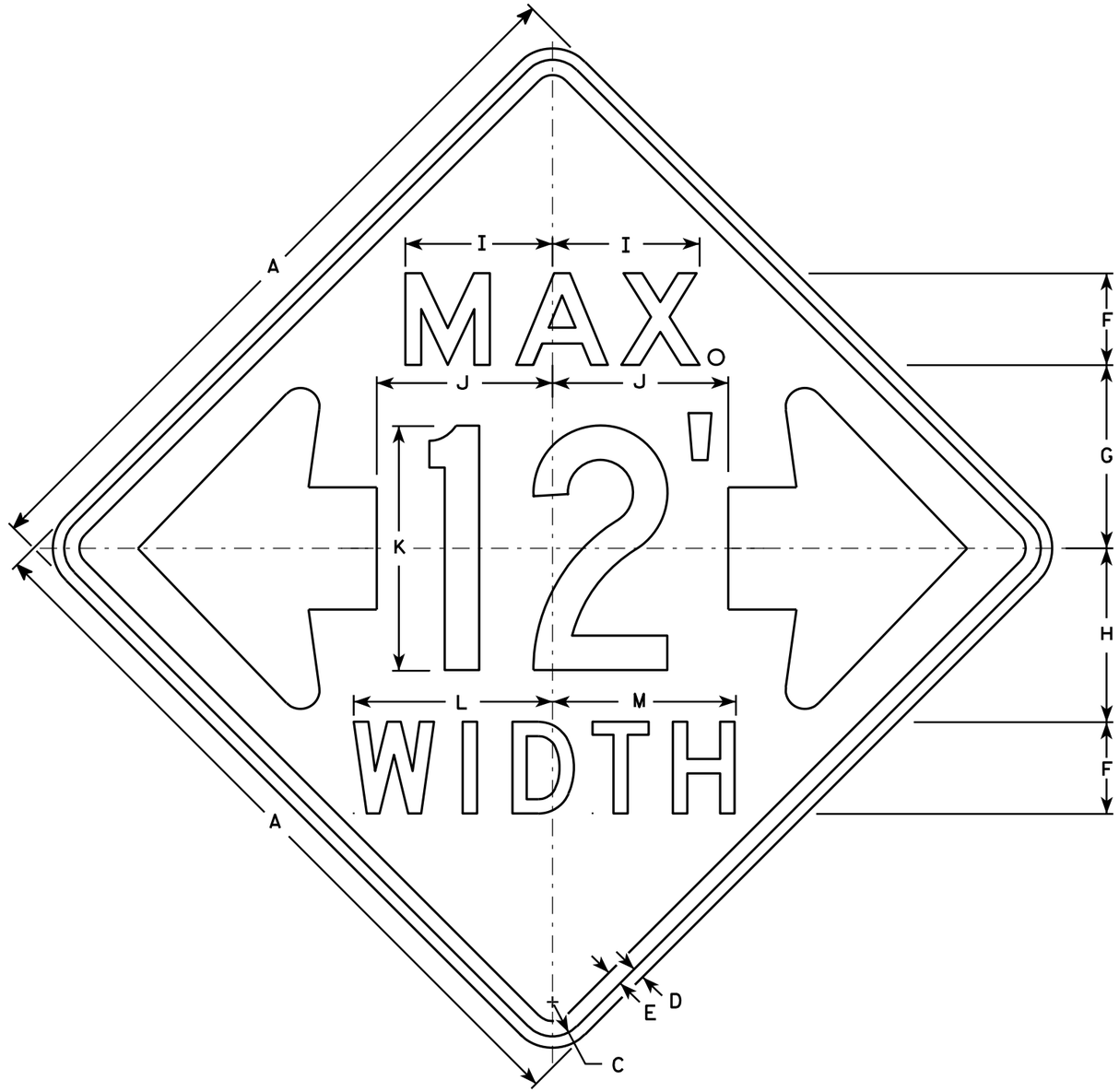
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

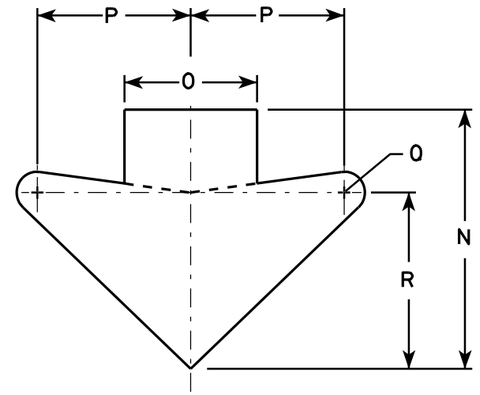
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 73	E



W12-52

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 - 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. The top line is series E, the numerals are series C, and the bottom line is series D.
6. Substitute appropriate numerals and adjust spacing as required.



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	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

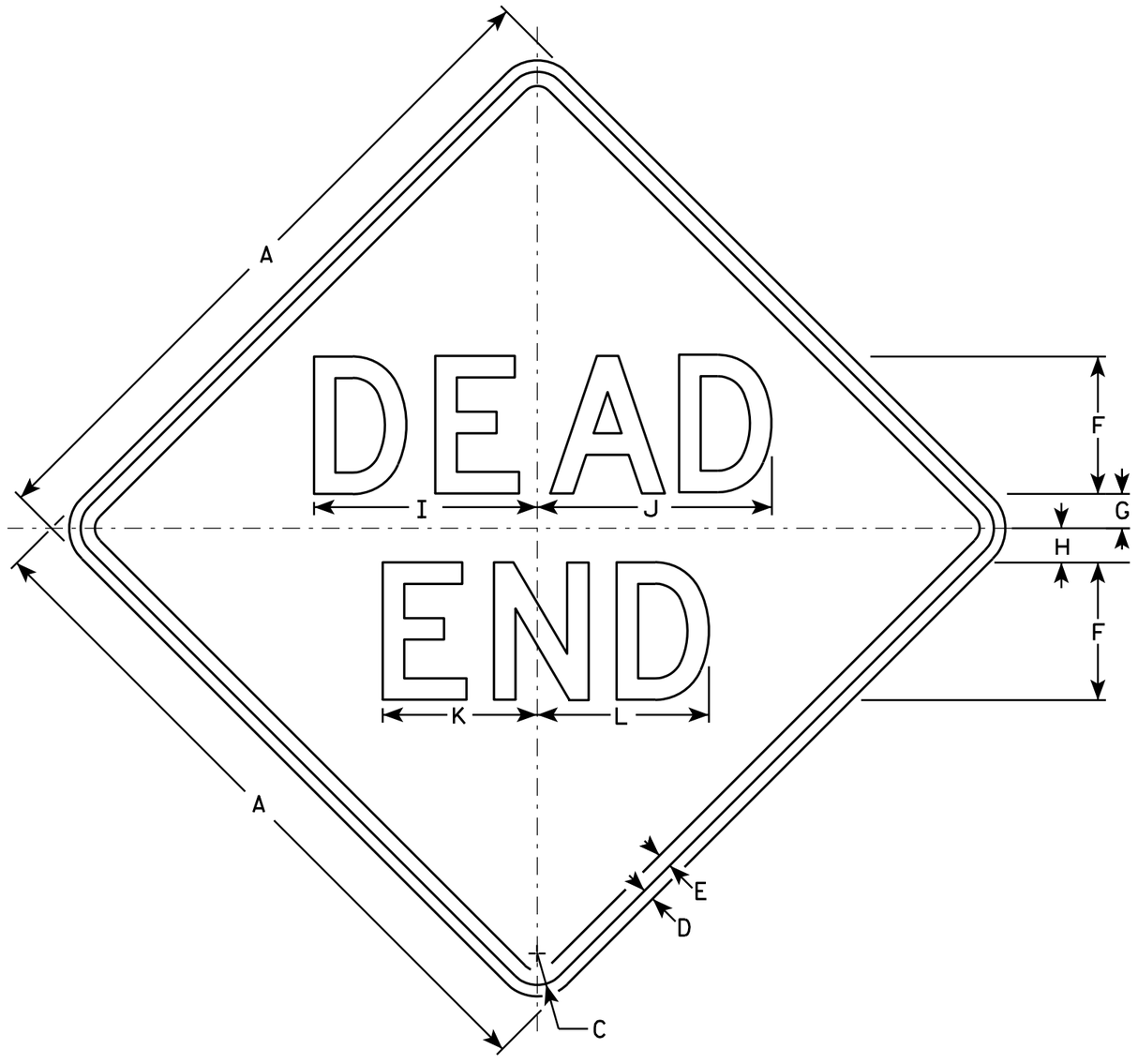
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-52.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 74	E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W1252.DGN PLOT DATE : 16-MAR-2011 14:45 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.137199:1.000000



W14-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		1 5/8	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W14-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 75	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W141.DGN PLOT DATE : 13-MAR-2013 13:30 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.202372:1.000000

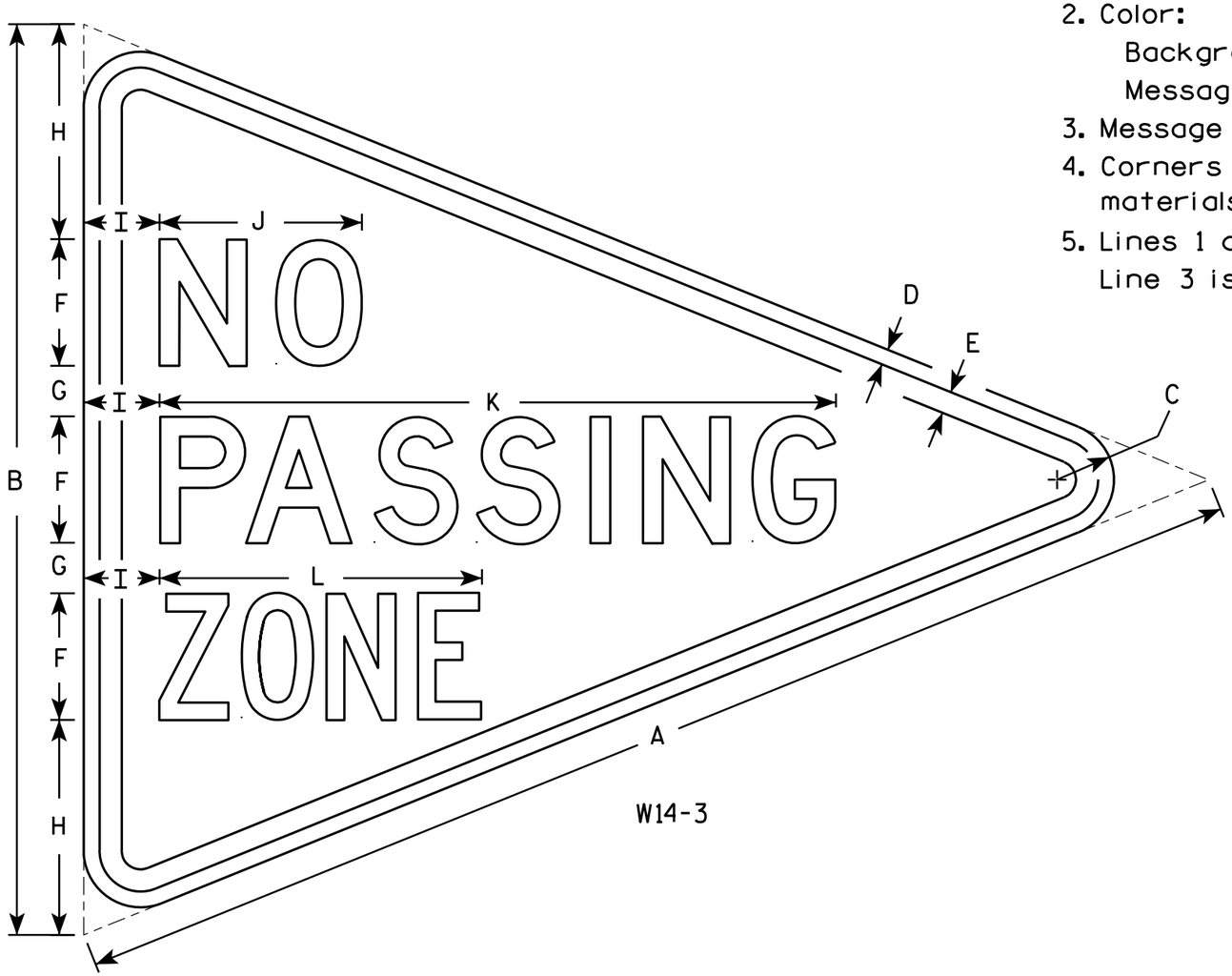
WISDOT/CADDS SHEET 42

7

7

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 5
4. Corners and borders shall be rounded on all base materials for this sign.
5. Lines 1 and 2 are Series D.
   Line 3 is series C.



W14-3

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	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2															10.7
4																											
5																											

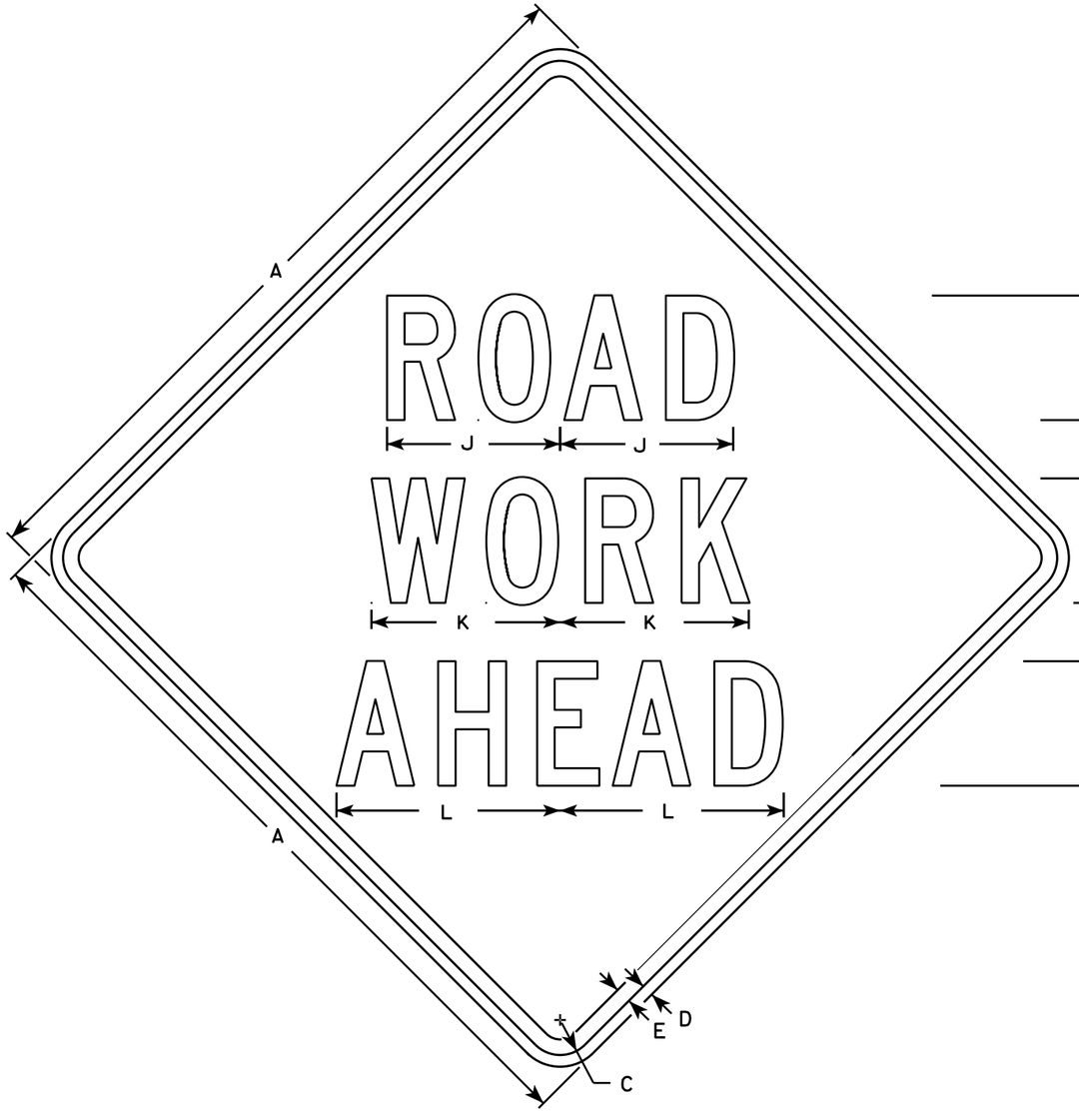
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

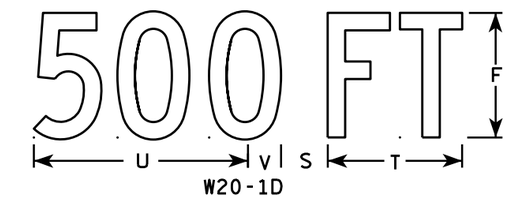
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W14-3.9

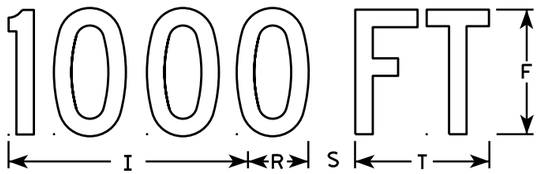
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 76	E



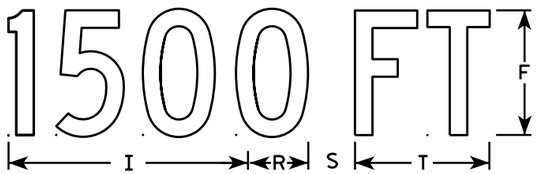
W20-1A



W20-1D



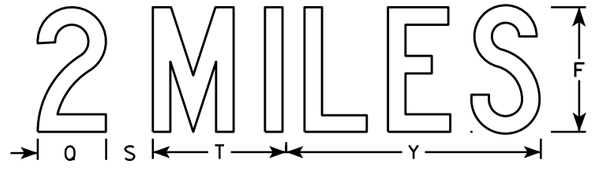
W20-1C



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

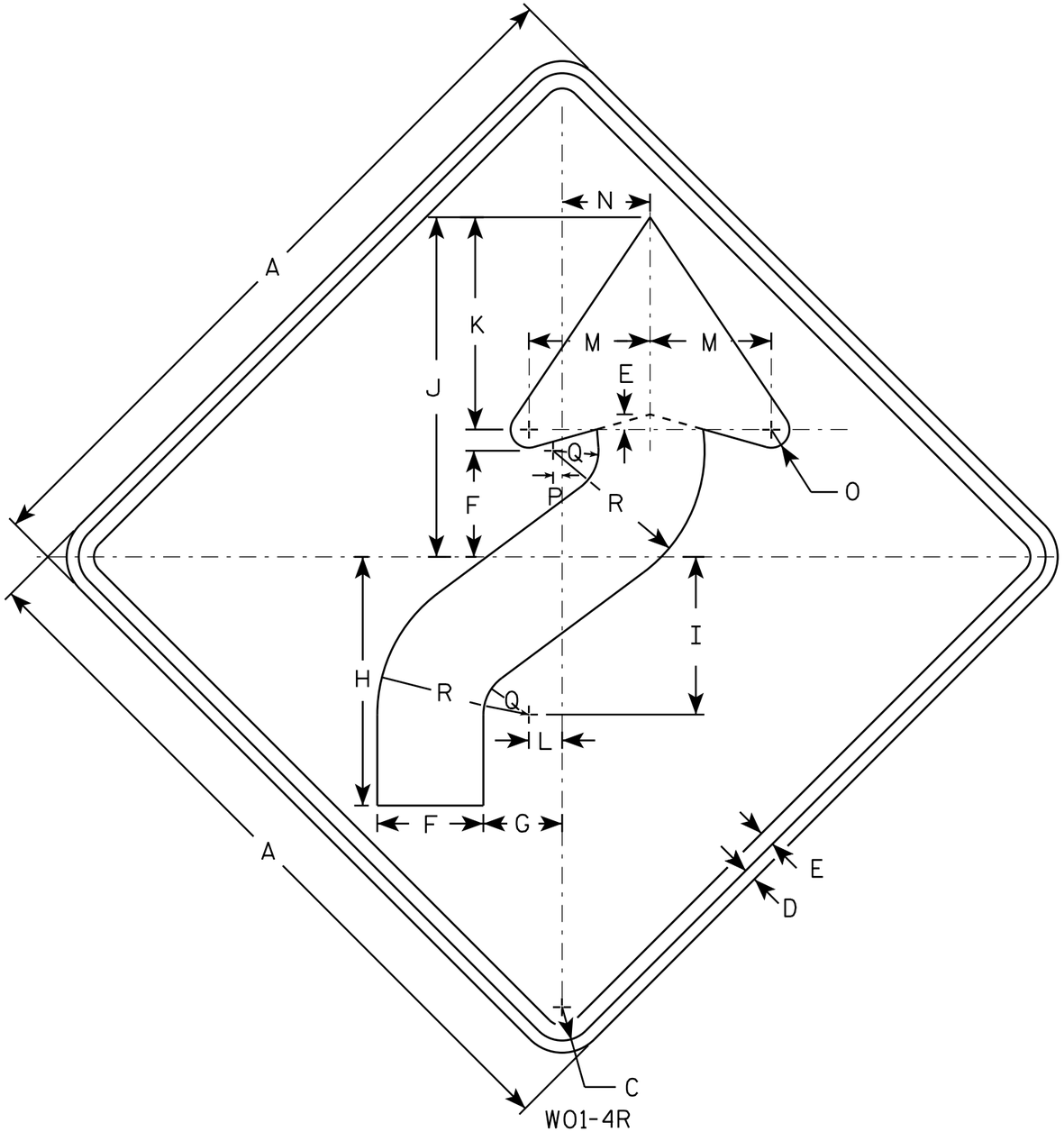
State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10

PROJECT NO: SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W201.dgn PLOT DATE : 27-MAY-2015 15:58 PLOT BY : mscsja

WISDOT/CADDS SHEET 42



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

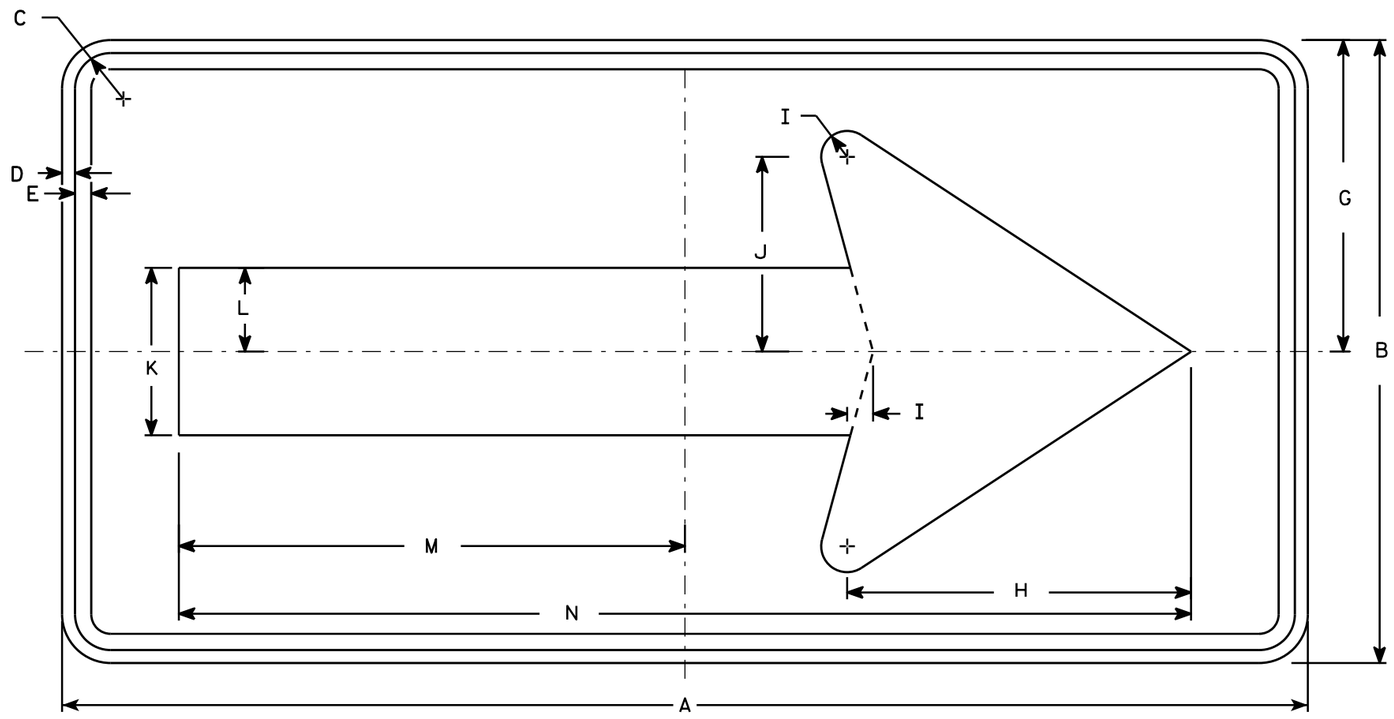
WISCONSIN DEPT OF TRANSPORTATION

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



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

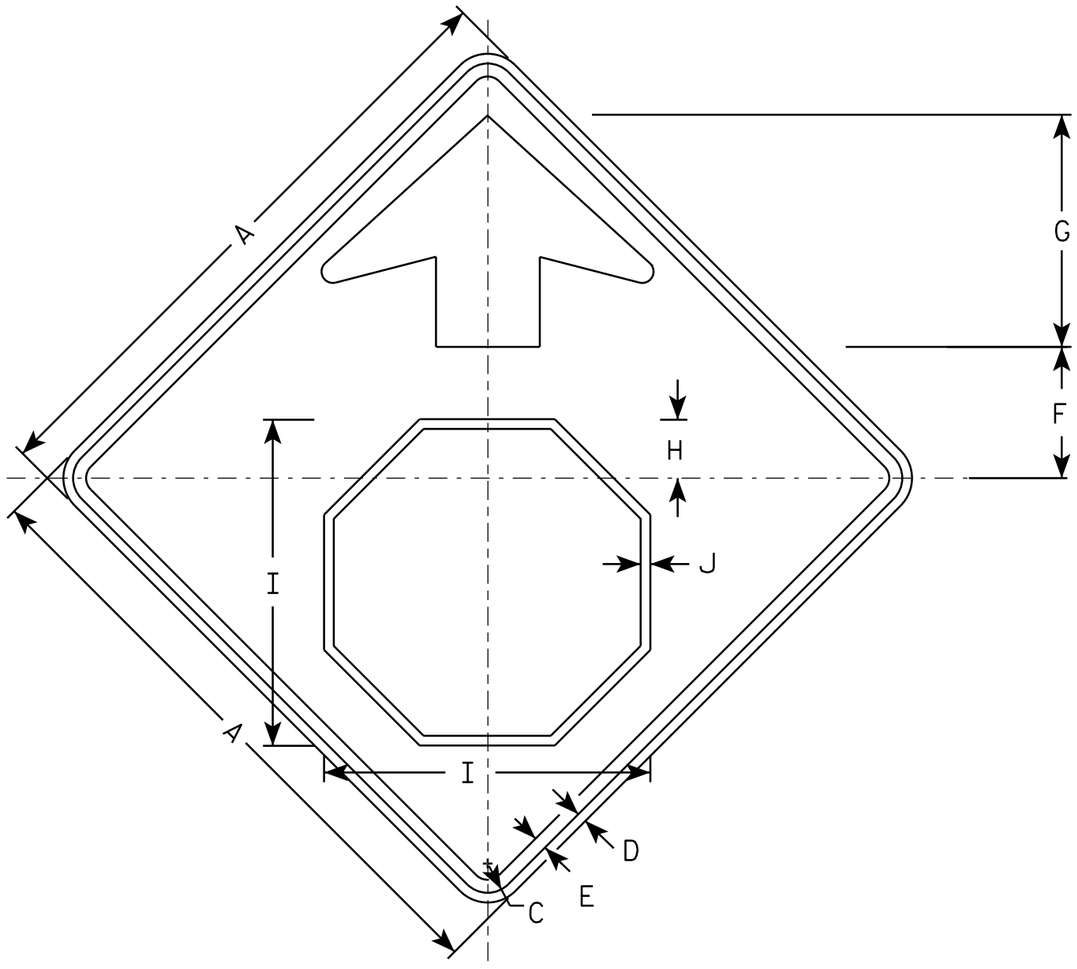
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-6.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

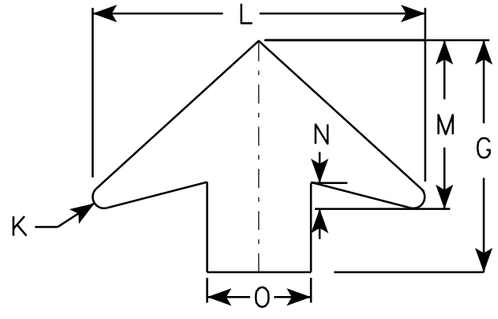
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W03-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Stop 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	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2S	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
2M	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
3	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W03-1

WISCONSIN DEPT OF TRANSPORTATION

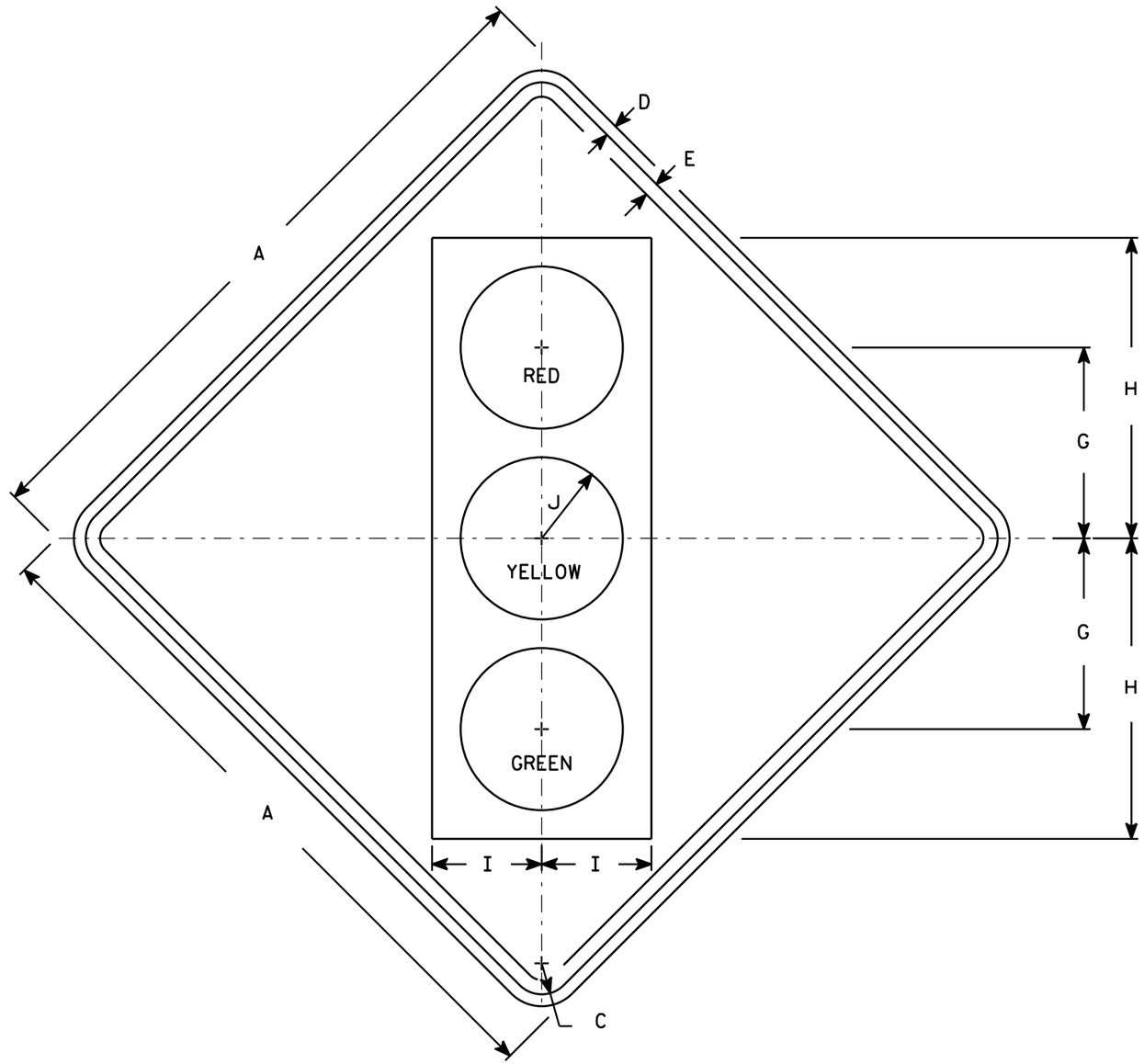
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 80 03-1.1

PROJECT NO: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W031.DGN PLOT DATE : 20-NOV-2013 10:54 PLOT BY : mscsja

WISDOT/CADDS SHEET 42



W03-3

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 - 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	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2S	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
2M	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
3	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
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

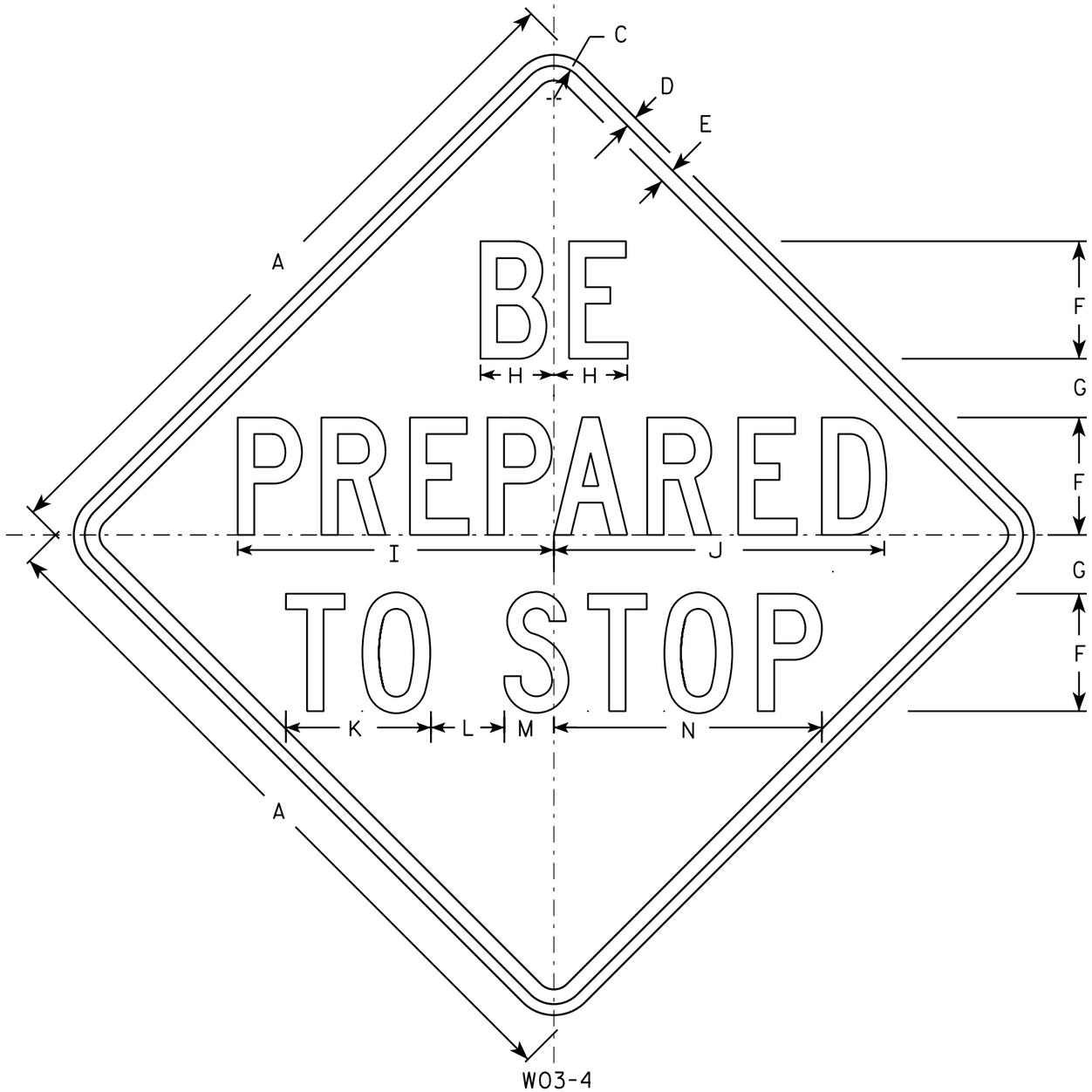
STANDARD SIGN
W03-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 81 W03-3.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 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 - 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

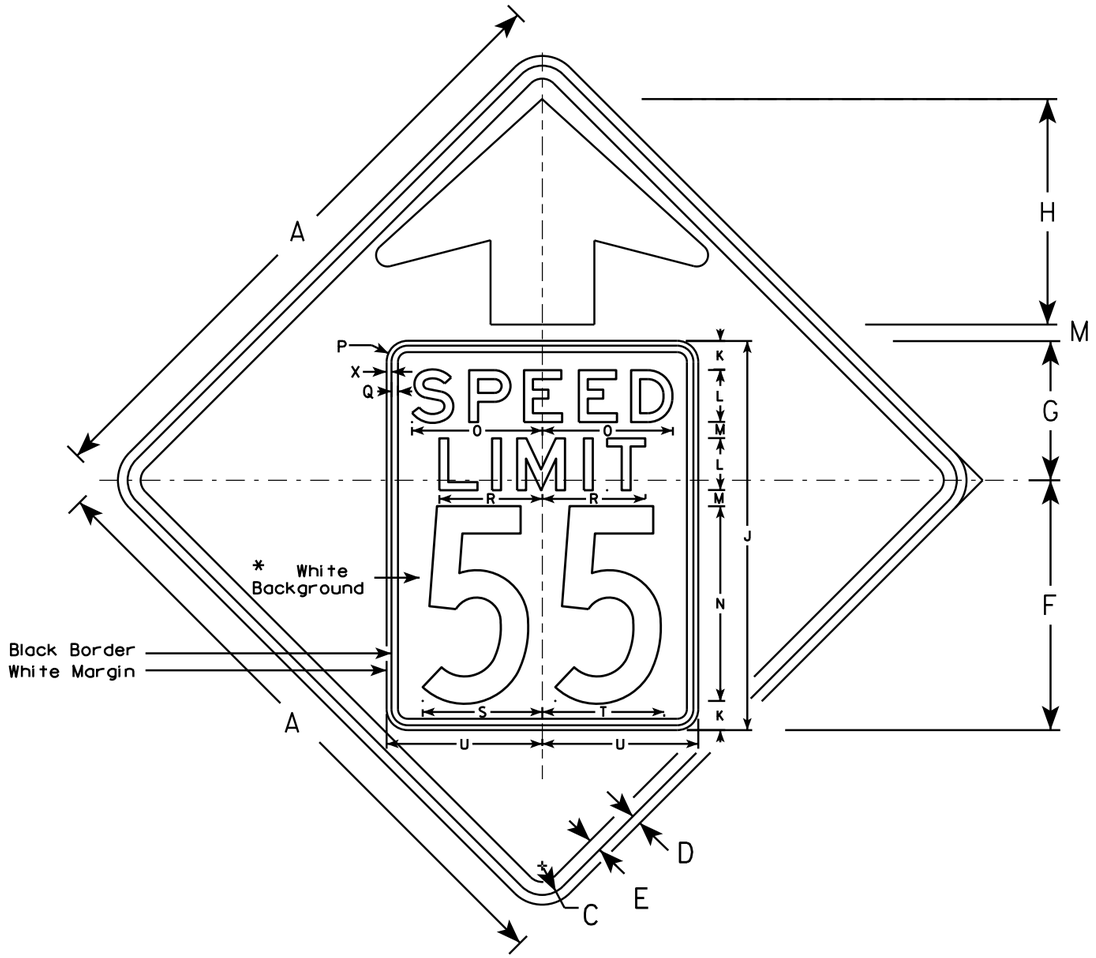
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/02/13 PLATE NO. W03-4.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W034.DGN PLOT DATE : 02-DEC-2013 14:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 8.999518:1.000000

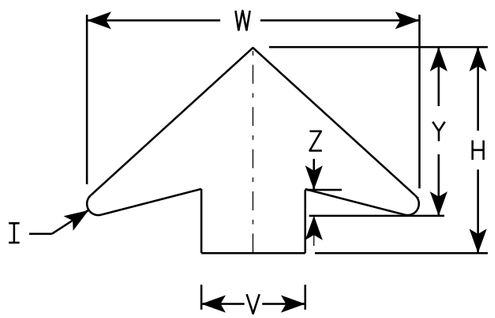


W03-5

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 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	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
2S	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
2M	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
3	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
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
W03-5

WISCONSIN DEPT OF TRANSPORTATION

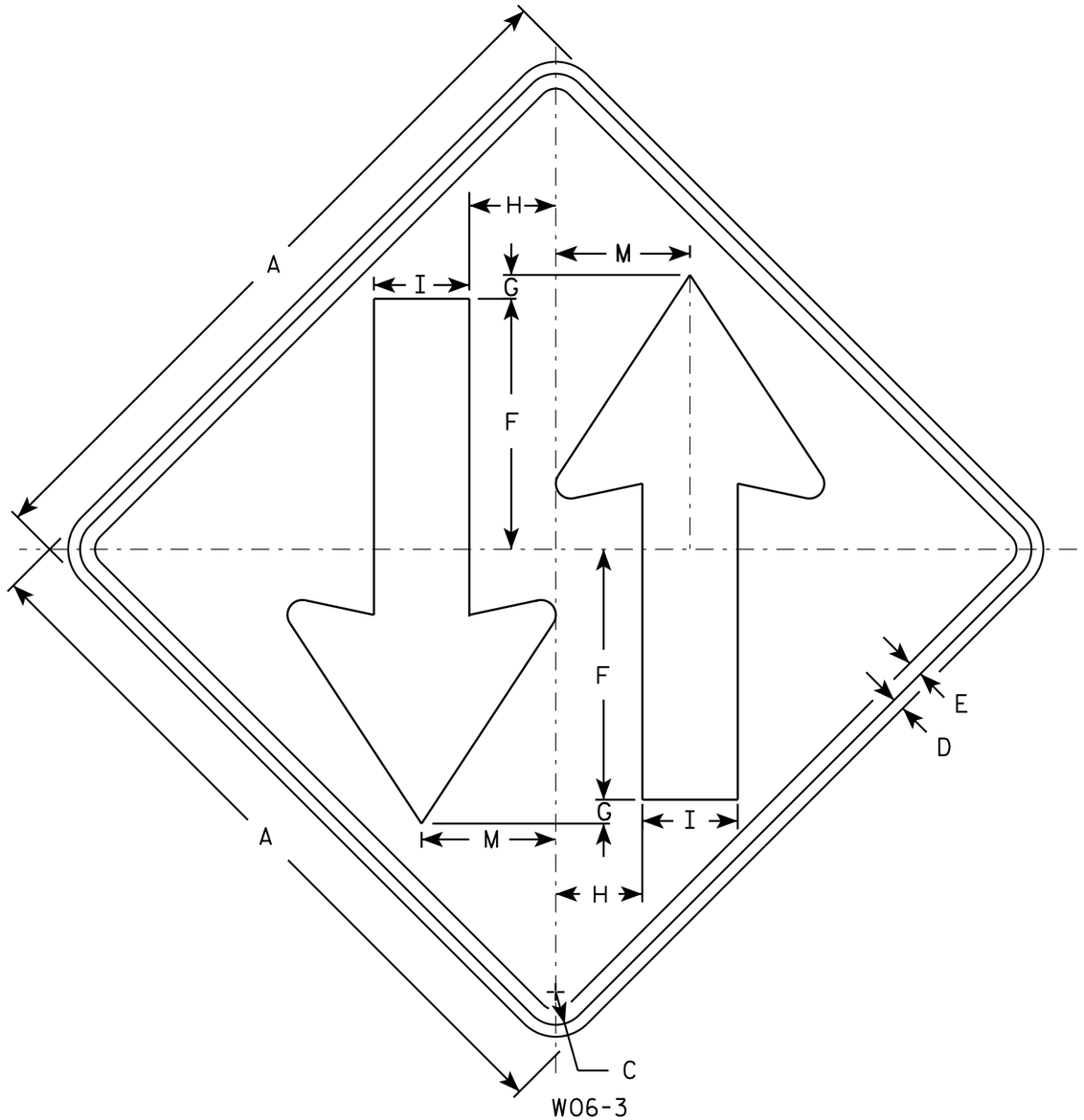
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W03-5.1

PROJECT NO: SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W035.DGN PLOT DATE : 20-NOV-2013 11:32 PLOT BY : mscsja

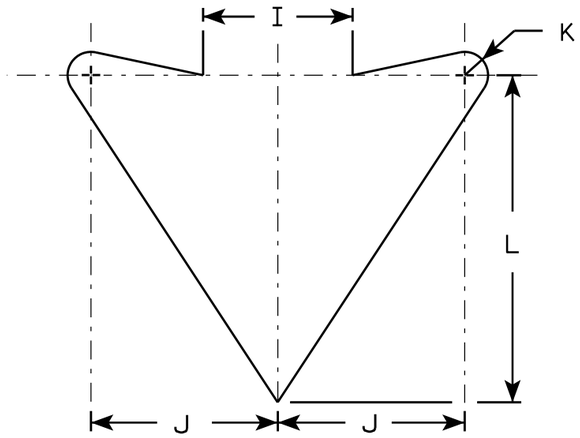
WISDOT/CADDS SHEET 42



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

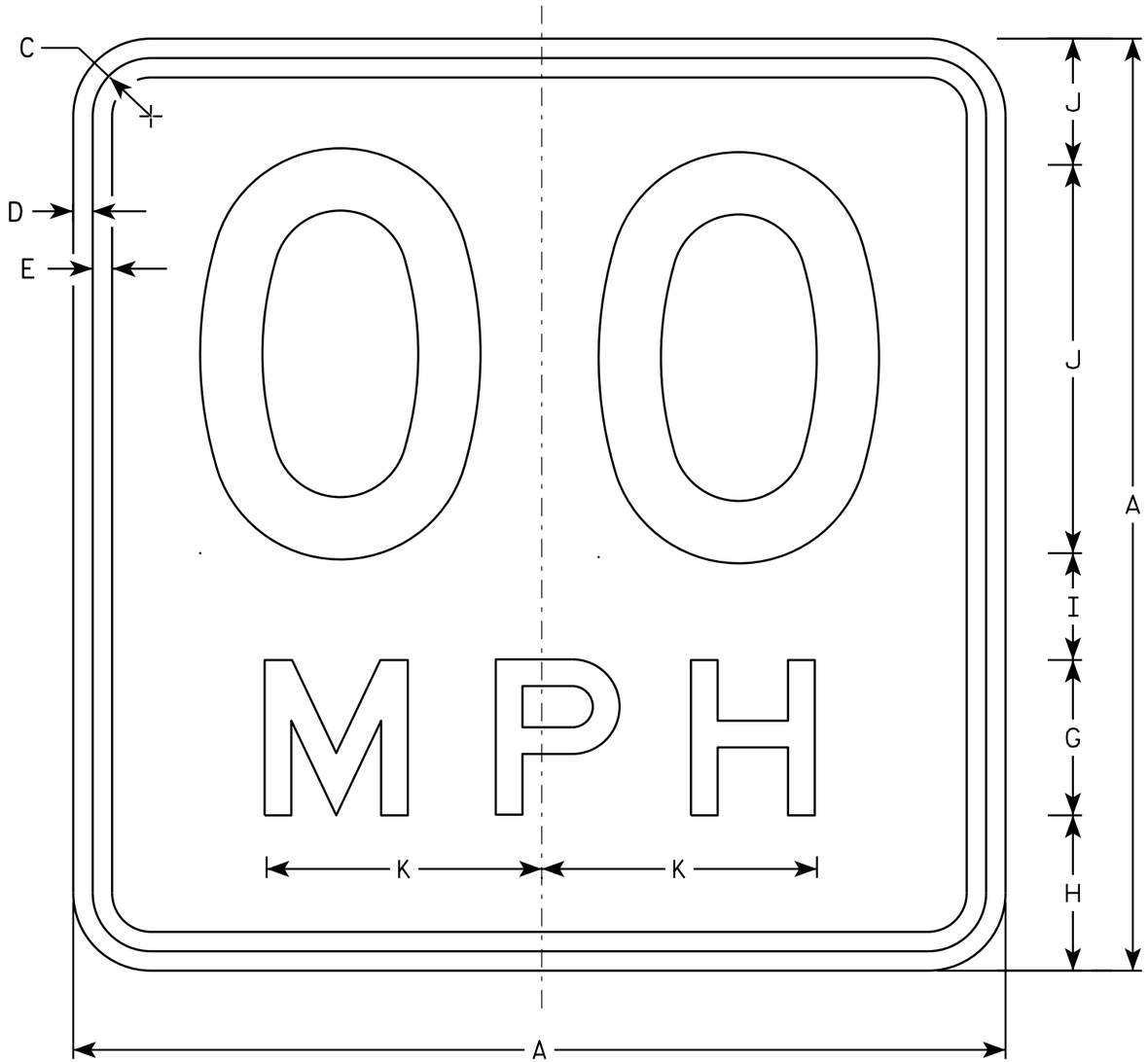
STANDARD SIGN
W06-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 84 W06-3.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



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

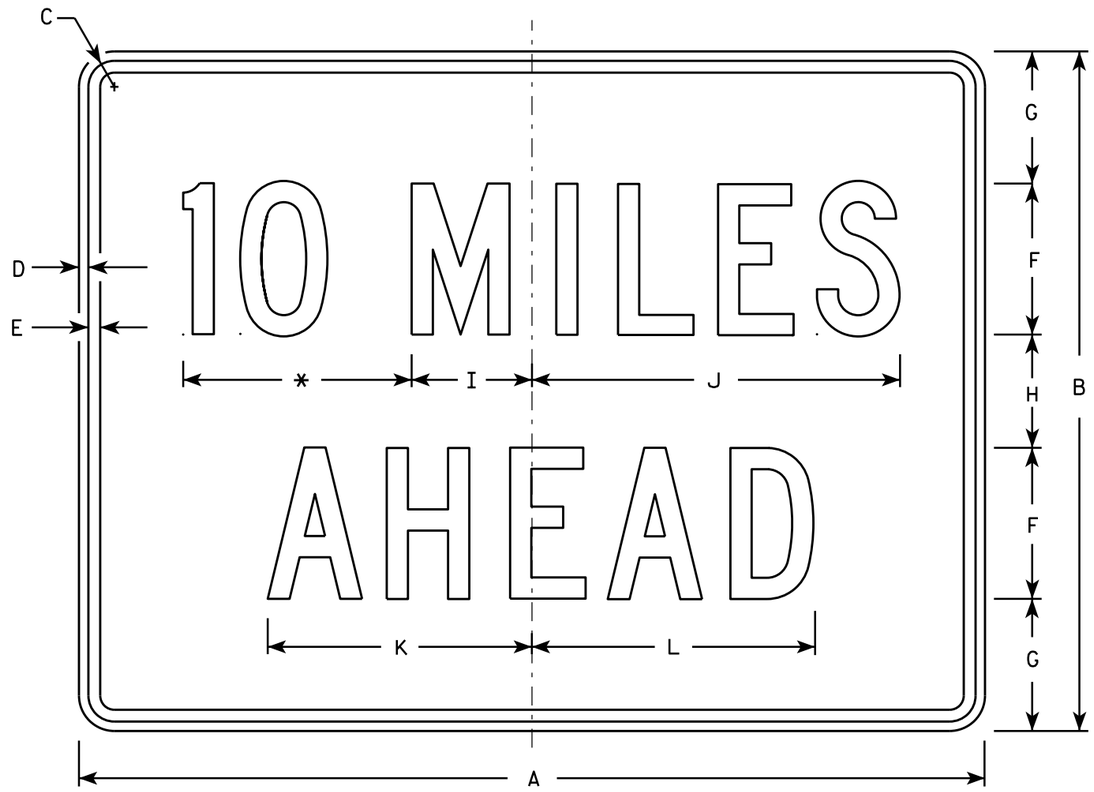
STANDARD SIGN
W013-1

WISCONSIN DEPT OF TRANSPORTATION

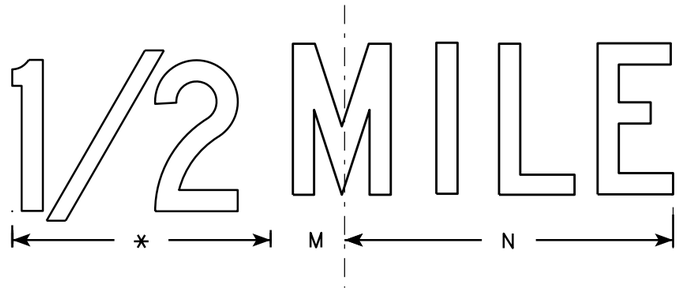
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/13 PLATE 85 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

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov