

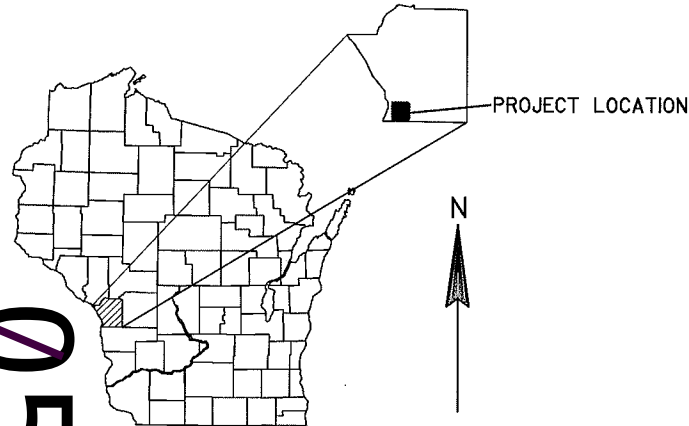
PROJECT ID: 5991-05-77

COUNTY: LA CROSSE

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plot
Section No. 5	Plan (Includes Erosion Control Plan)
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 = 46



DESIGN DESIGNATION

A.A.D.T. 2012	=	1350
A.A.D.T. 2032	=	1600
D.H.V. 2032	=	250
D.D.	=	60/40
T.	=	6.3%
DESIGN SPEED	=	30 MPH
ESALS	=	262,800

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
PROPERTY LINE	PL + 58.1
LOT LINE	----
LIMITED HIGHWAY EASEMENT	----
EXISTING RIGHT OF WAY	----
PROPOSED OR NEW R/W LINE	----
SLOPE INTERCEPT	----
REFERENCE LINE	----
EXISTING CULVERT	----
PROPOSED CULVERT (Box or Pipe)	----
COMBUSTIBLE FLUIDS	CAUTION
MARSH AREA	----
WOODED OR SHRUB AREA	----

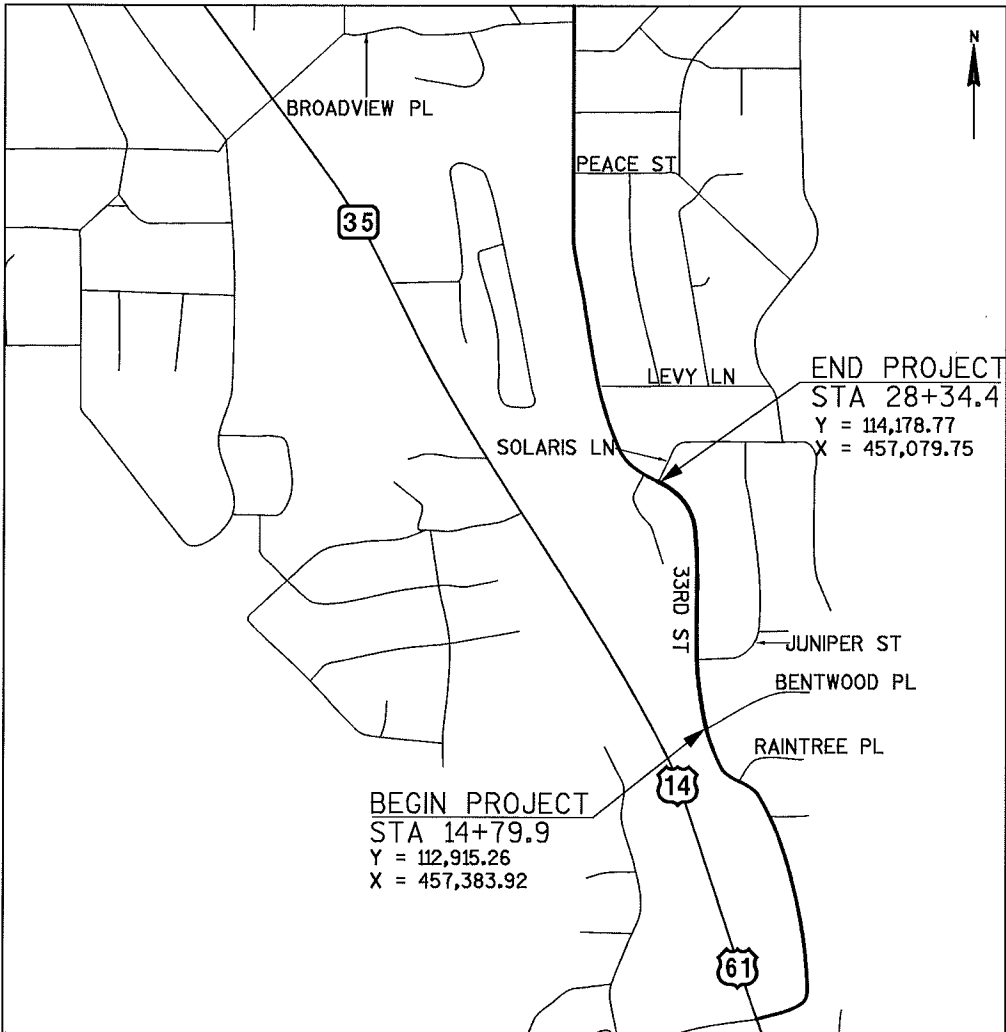
PROFILE	
GRADE LINE	----
ORIGINAL GROUND	----
MARSH OR ROCK PROFILE (To be noted as such)	----
SPECIAL DITCH	----
GRADE ELEVATION	65.36
CULVERT (Profile View)	----
UTILITIES	
ELECTRIC	----
FIBER OPTIC	----
GAS	----
SANITARY SEWER	----
STORM SEWER	----
TELEPHONE	----
WATER	----
UTILITY PEDESTAL	----
POWER POLE	----
TELEPHONE POLE	----

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CITY OF LA CROSSE, 33RD STREET
(BENTWOOD PLACE TO SOLARIS LANE)
LOCAL STREET
LA CROSSE COUNTY

STATE PROJECT NUMBER
5991-05-77



LAYOUT
SCALE 0 500 FT.

TOTAL NET LENGTH OF CENTERLINE = 0.257 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), LA CROSSE COUNTY."

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5991-05-77	WISC 2013374	1

ACCEPTED FOR

CITY of LA CROSSE

4-15-13
Randy Turtenwald, City Engineer
(Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY

KNIGHT
700 N Third Street
Suite 104
La Crosse, WI 54601-3382
Phone: (608) 519-1455

RYAN B. MCKANE
E-37069
HOLMEN, WI
PROFESSIONAL ENGINEER

4/15/2013
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	LA CROSSE ENG & SURVEY
Surveyor	KNIGHT E/A INC
Designer	
Management Consultant	KJOHNSON ENGINEERS INC
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 4/30/13 Kirby A. Johnson
(Management Consultant Signature)

STANDARD ABBREVIATIONS

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

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE SALVAGED TOPSOILED, FERTILIZED, SEEDED, AND EROSION MATTED.

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.

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS.

HMA PAVEMENT SHALL BE CONSTRUCTED IN A 2-1/2" LOWER LAYER USING PG 64-22 AND 2-1/2" UPPER LAYER USING PG 64-28.

TACK COAT SHALL BE REQUIRED BETWEEN THE LOWER AND UPPER LAYERS OF PAVEMENT.

THE LOCATIONS OF UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT THAT ARE NOT SHOWN. THE LOCATIONS SHOULD BE FIELD VERIFIED.

AN UNDISTRIBUTED QUANTITY OF BASE AGGREGATE DENSE 1-¼" AND COMMON EXCAVATION HAVE BEEN INCLUDED IN THE PROJECT TO BE UTILIZED IN AREAS OF FAILED UNDERLYING BASE MATERIAL. AREAS TO BE DETERMINED BY ENGINEER.

UTILITY CONTACTS

MARK JOHNSON CITY OF LA CROSSE - SEWER & WATER 400 LA CROSSE ST LA CROSSE, WI 54601 (608) 789-7536 JOHNSONM@CITYOFLACROSSE.ORG	TOM MURRAY CENTURYLINK - COMMUNICATION LINE 333 N FRONT ST P.O. BOX 4800 LA CROSSE, WI 54602 (608) 796-7869 TOM.L.MURRAY@CENTURYLINK.COM	DANIEL MARTI XCEL ENERGY - GAS/PETROLEUM 1414 W HAMILTON AVE P.O. BOX 8 EAU CLAIRE, WI 54702-0008 (608) 789-3629 DANIEL.R.MARTI@XCELENERGY.COM
	PERRY MCCLELLAN CHARTER COMMUNICATIONS - COMMUNICATION LINE 1228 12TH AVE SOUTH ONALASKA, WI 54650 (715) 370-7140 PMCCLELLAN@CHARTERCOM.COM	NANCY DOTSON XCEL ENERGY - ELECTRICITY 1414 W HAMILTON AVE P.O. BOX 8 EAU CLAIRE, WI 54702-0008 (715) 737-2574 NANCY.J.DOTSON@XCELENERGY.COM

AREA CONTACTS

LA CROSSE ENGINEERING DEPARTMENT MATT GALLAGER 400 LA CROSSE STREET LA CROSSE, WI 54601 PHONE: (608) 789-7505 GALLAGERM@CITYOFLACROSSE.ORG	DESIGN CONTACT KNIGHT E/A RYAN MCKANE 700 N THIRD ST., SUITE 104 LA CROSSE, WI 54601 PHONE: (608) 519-1455 EXT. #2 RMCKANE@KNIGHTEA.COM	WisDNR: LA CROSSE COUNTY KAREN KALVELAGE LA CROSSE OFFICE 3550 MORMON COULLE RD LA CROSSE, WI 54601 PHONE: (608) 785-9115 KAREN.KALVELAGE@WISCONSIN.GOV
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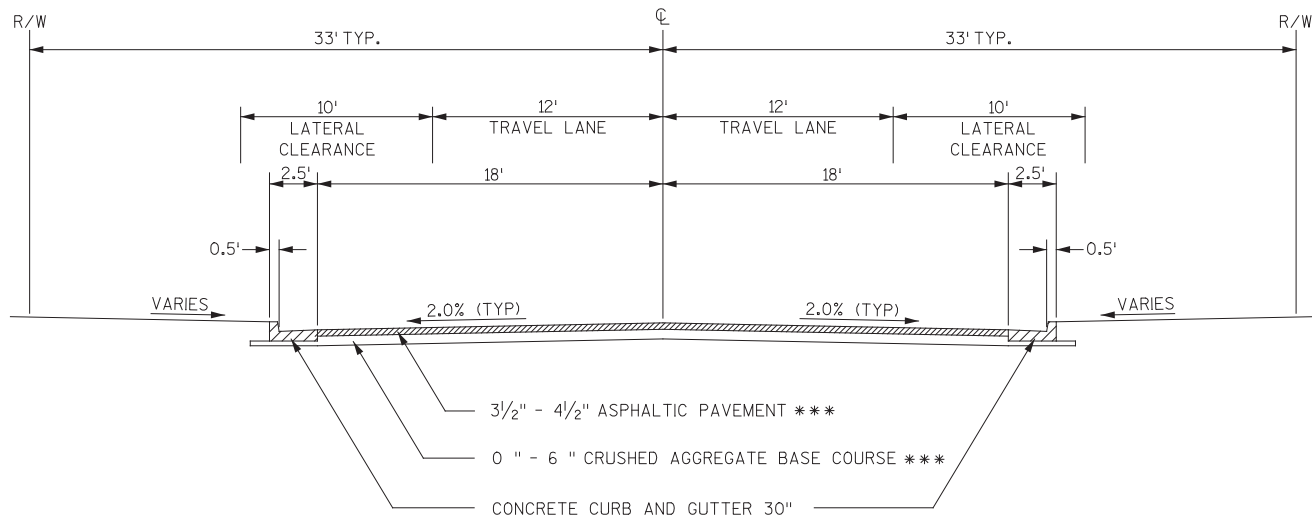
*** PAVEMENT STRUCTURE BORING LOG

BORING #1: STA. 16+18, 10' RT
4" ASPH. PAVEMENT ON 6" AGG. BASE COURSE

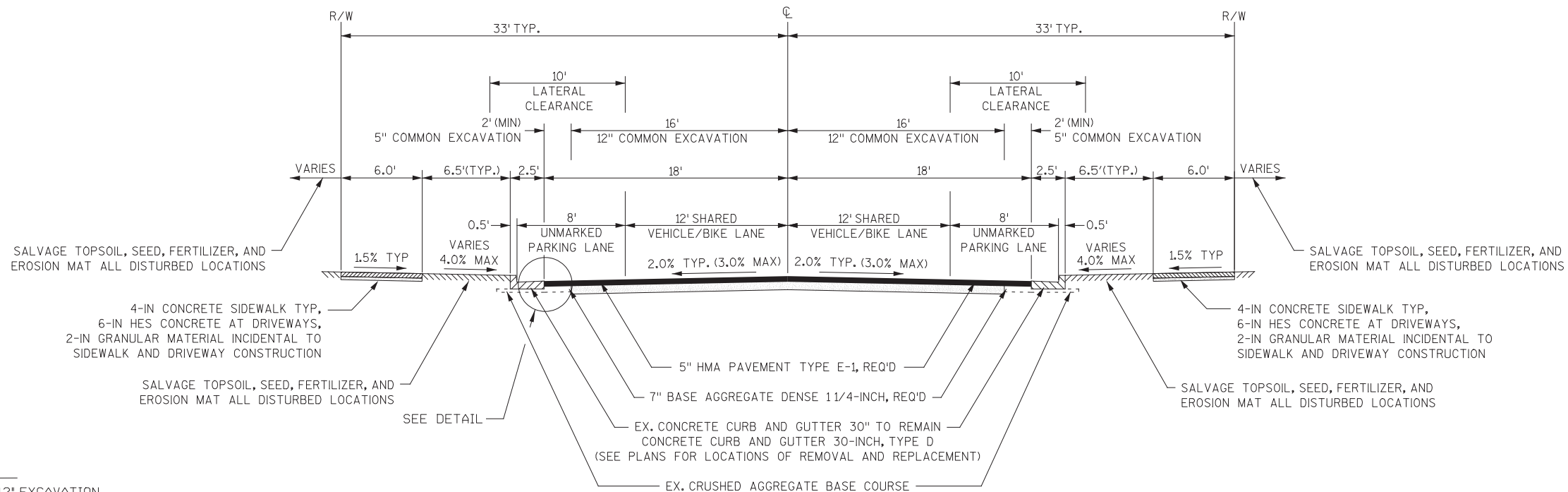
BORING #2: STA. 20+26, 10' LT
3 1/2" ASPH. PAVEMENT ON 4 1/2" AGG. BASE COURSE

BORING #3: STA. 23+81, 9' RT
4 1/2" ASPH. PAVEMENT ON 0" AGG. BASE COURSE

BORING #4: STA. 27+52, 6' LT
4 1/2" ASPH. PAVEMENT ON 4" AGG. BASE COURSE

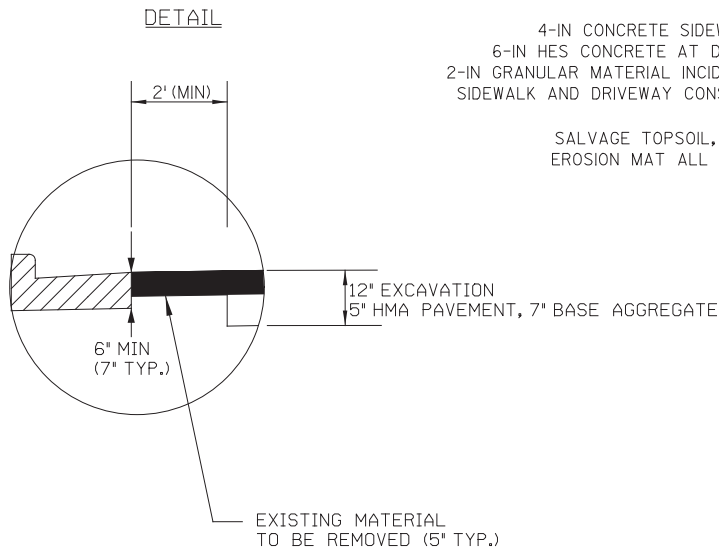


TYPICAL EXISTING CROSS SECTION FOR 33RD STREET
Sta. 14+79.9 to Sta. 28+34.4



TYPICAL FINISHED CROSS SECTION FOR 33RD STREET
Sta. 14+79.9 to Sta. 28+34.4

- NOTES
1. SEE PLAN SHEETS FOR LIMITS OF CURB AND GUTTER REMOVAL AND REPLACEMENT
 2. SEE PLAN SHEETS FOR LOCATIONS OF CONCRETE DRIVEWAY HES 6-INCH REMOVAL AND REPLACEMENT
 3. SALVAGE TOPSOIL, SEED, FERTILIZER, AND EROSION MAT SHALL BE REQUIRED AT LOCATIONS OF CURB AND GUTTER REMOVAL AND LOCATIONS OF PROPOSED CURB AND GUTTER, DRIVEWAY REPLACEMENT AND SIDEWALK PLACEMENT.



2

-
- EXISTING PIPE UNDERDRAIN TO REMAIN
- 6' SIDEWALK AREA
- 6.5' TERRACE AREA
- VAR. 2'-4"
- EXISTING PIPE UNDERDRAIN & CURB HEAD OUTFALL TO REMAIN
- PLAN

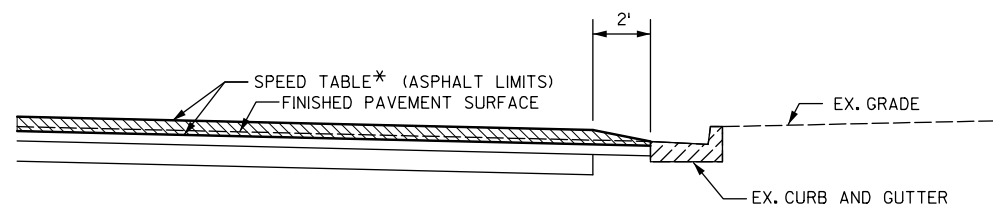
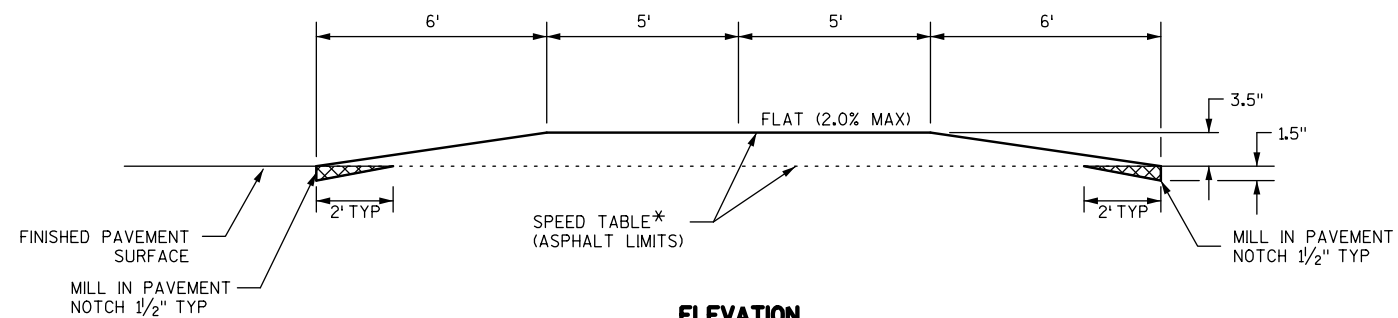
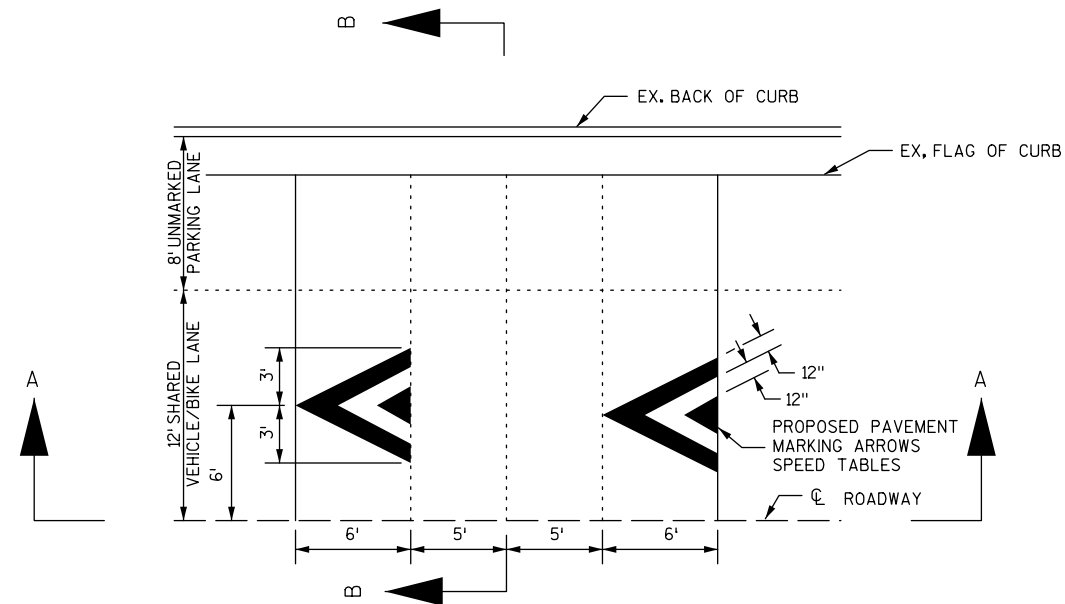


2

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

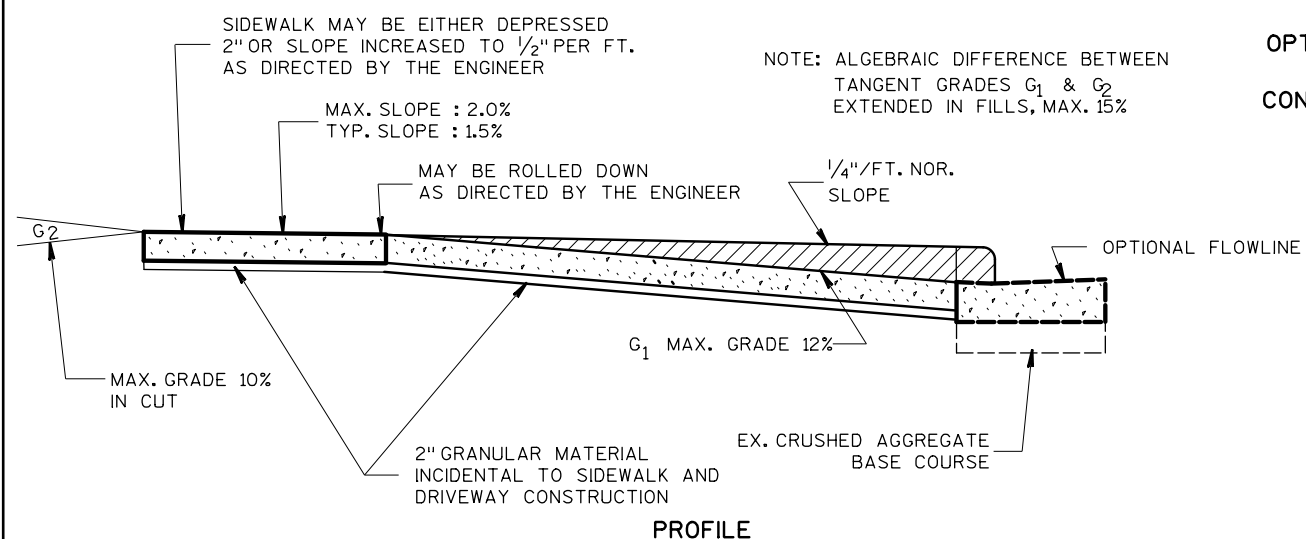
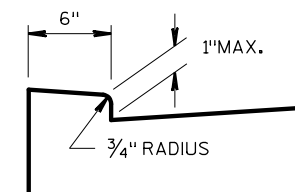
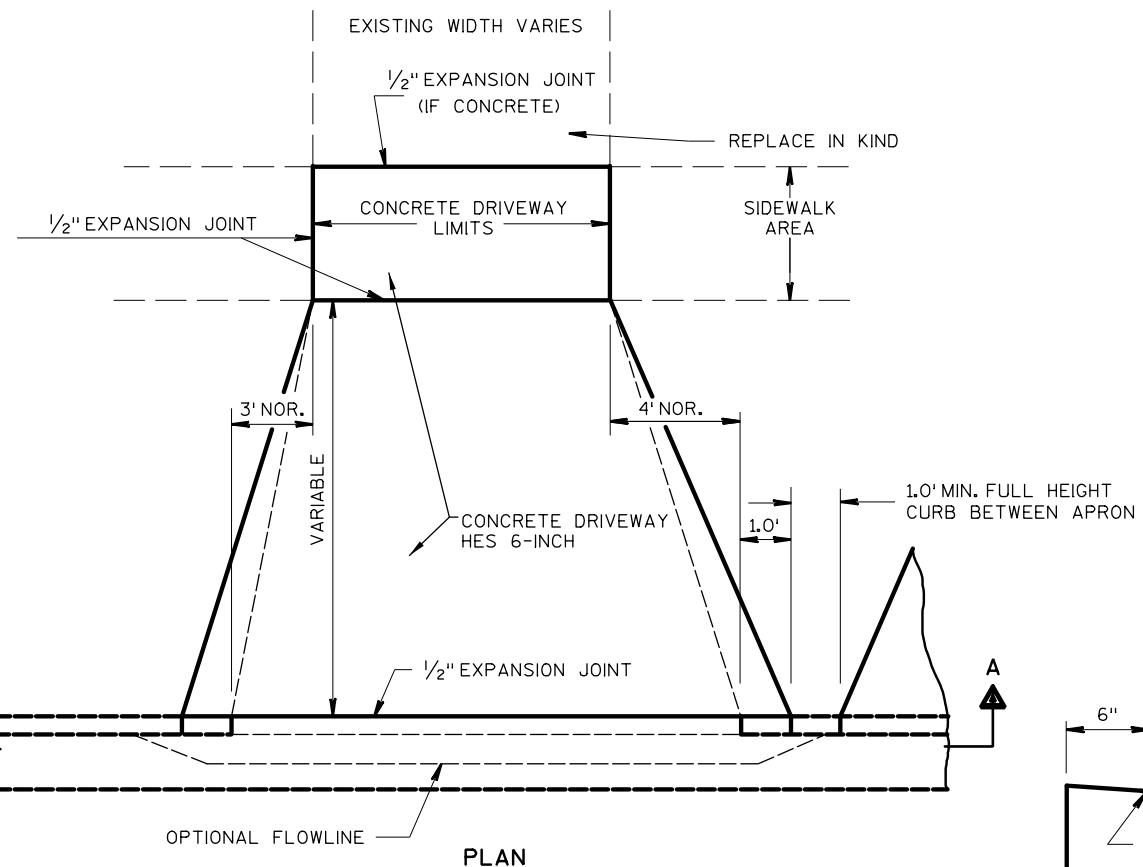
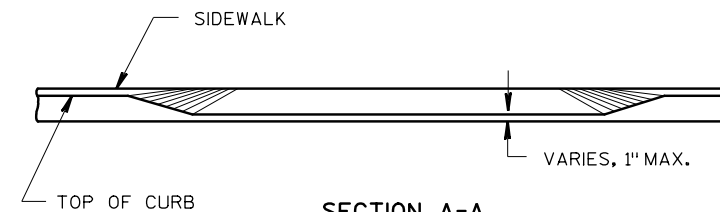
TOTAL PROJECT AREA = 2.05 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 1.16 ACRES





* SPEED TABLES SHALL BE PLACED IN A MINIMUM OF TWO LIFTS.

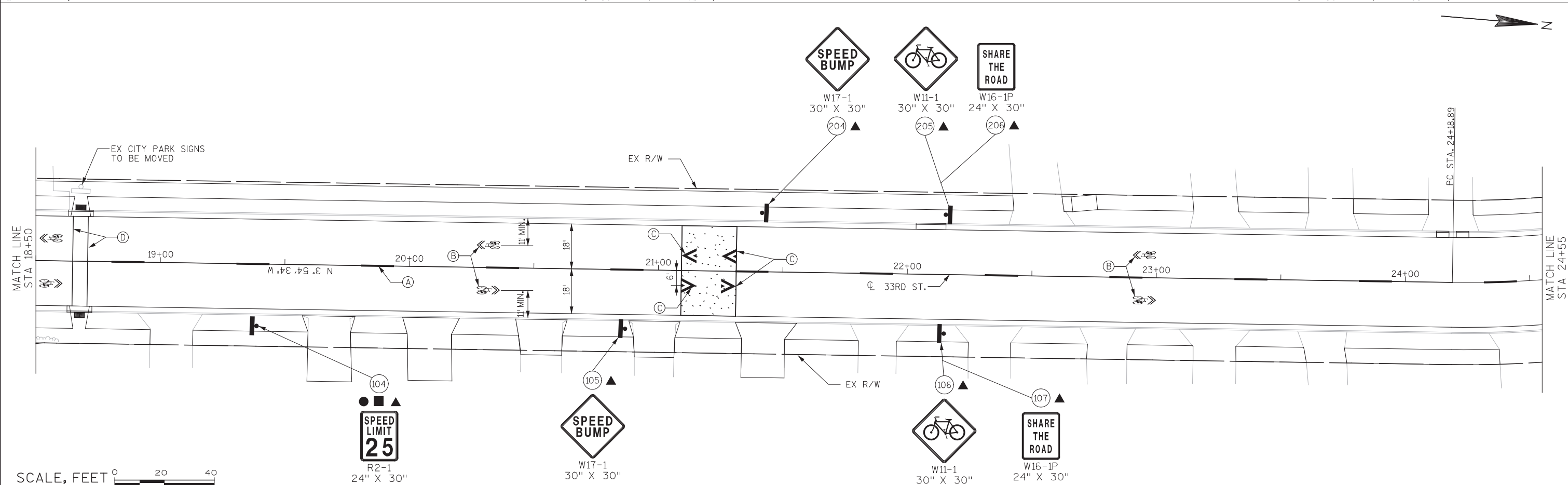
DETAIL OF SPEED TABLES



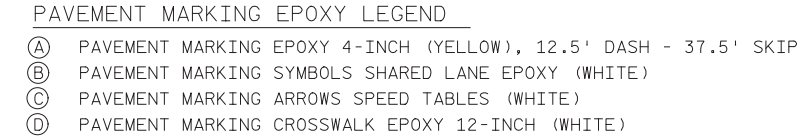
URBAN DRIVEWAY DETAIL

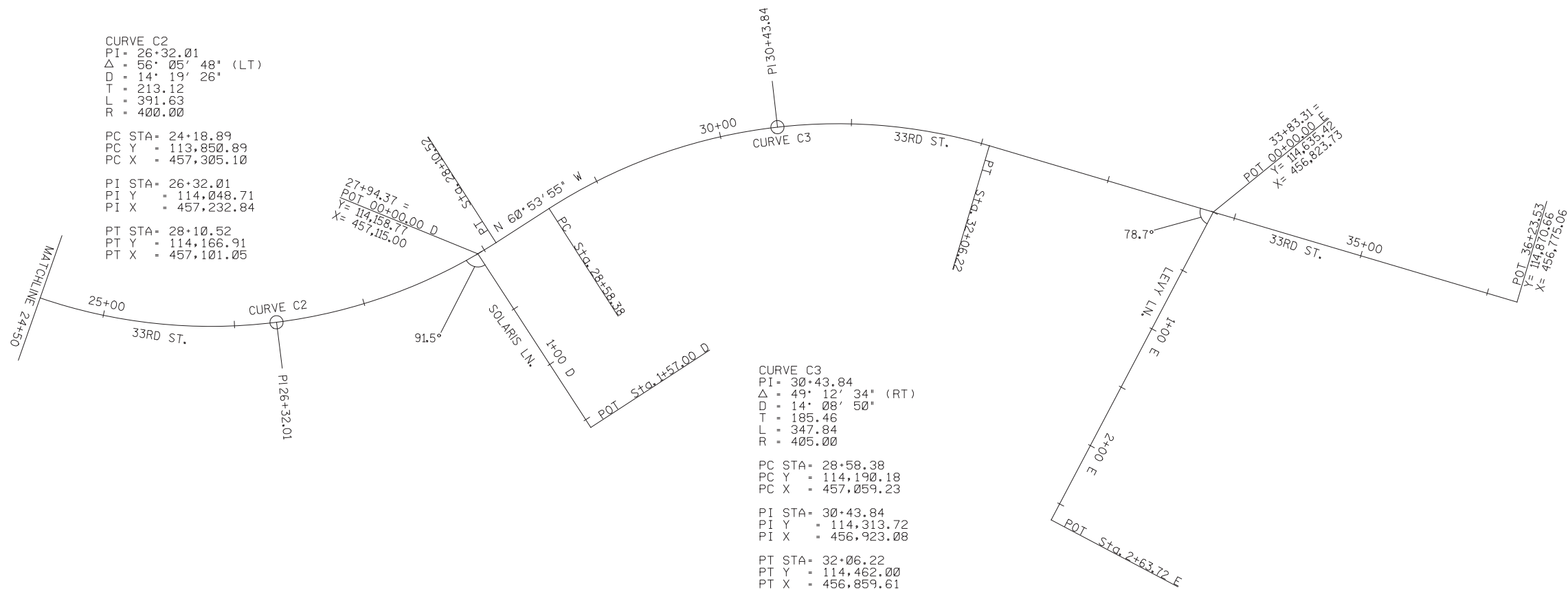
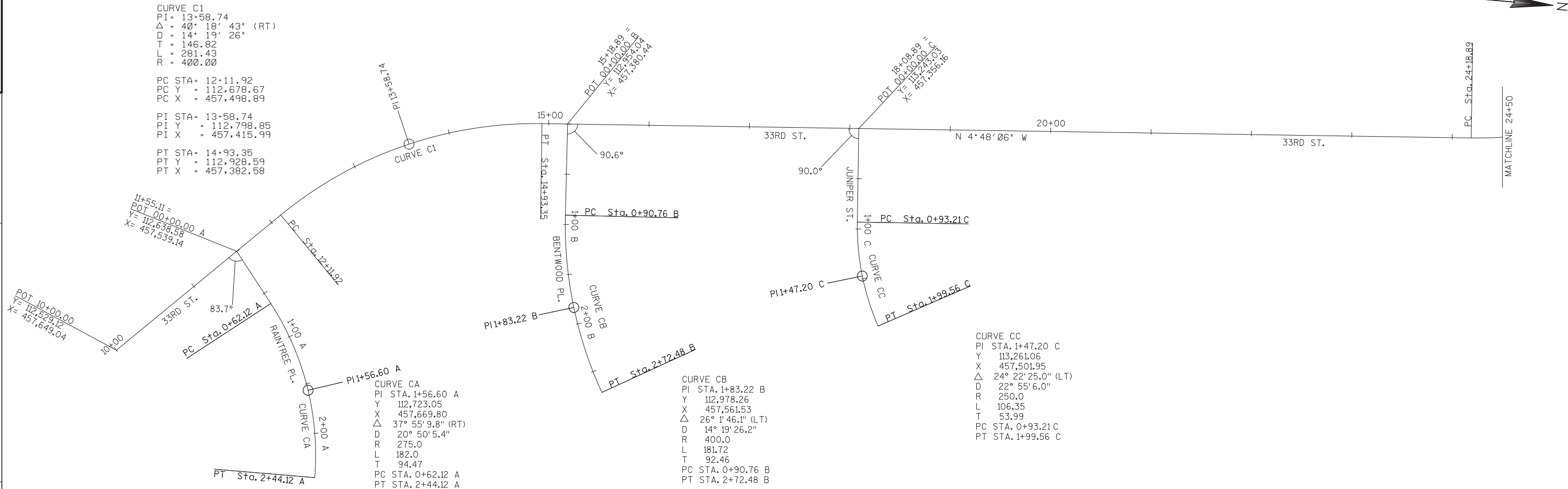
PAVEMENT MARKING EPOXY LEGEND

- (A) PAVEMENT MARKING EPOXY 4-INCH (YELLOW), 12.5' DASH - 37.5' SKIP
(B) PAVEMENT MARKING SYMBOLS SHARED LANE EPOXY (WHITE)
(C) PAVEMENT MARKING ARROWS SPEED TABLES (WHITE)
(D) PAVEMENT MARKING CROSSWALK EPOXY 12-INCH (WHITE), CROSSWALK



E	
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DATE 21MAY13		E S T I M A T E O F Q U A N T I T I E S			
LINE		5991-05-77			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	201.0105	CLEARING	STA	2.000	2.000
0020	201.0205	GRUBBING	STA	2.000	2.000
0030	204.0100	REMOVING PAVEMENT	SY	320.000	320.000
0040	204.0150	REMOVING CURB & GUTTER	LF	172.000	172.000
0050	205.0100	EXCAVATION COMMON	CY	1,950.000	1,950.000
0060	211.0500	PREPARE FOUNDATION FOR BASE AGGREGATE	STA	14.000	14.000
0070	213.0100	FINISHING ROADWAY (PROJECT) 01. 5991-05-77	EACH	1.000	1.000
0080	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	1,984.000	1,984.000
0090	416.0260	CONCRETE DRIVEWAY HES 6-INCH	SY	320.000	320.000
0100	455.0115	ASPHALTIC MATERIAL PG64-22	TON	46.000	46.000
0110	455.0120	ASPHALTIC MATERIAL PG64-28	TON	46.000	46.000
0120	455.0605	TACK COAT	GAL	145.000	145.000
0130	460.1101	HMA PAVEMENT TYPE E-1	TON	1,643.000	1,643.000
0140	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	1,060.000	1,060.000
0150	601.0411	CONCRETE CURB & GUTTER 30-INCH TYPE D	LF	172.000	172.000
0160	602.0405	CONCRETE SIDEWALK 4-INCH	SF	12,053.000	12,053.000
0170	602.0515	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA	SF	80.000	80.000
0180	611.8110	ADJUSTING MANHOLE COVERS	EACH	5.000	5.000
0190	611.8115	ADJUSTING INLET COVERS	EACH	7.000	7.000
0200	611.8120.S	COVER PLATES TEMPORARY	EACH	12.000	12.000
0210	619.1000	MOBILIZATION	EACH	1.000	1.000
0220	625.0500	SALVAGED TOPSOIL	SY	439.000	439.000
0230	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000
0240	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.000	2.000
0250	628.2006	EROSION MAT URBAN CLASS I TYPE A	SY	439.000	439.000
0260	628.7015	INLET PROTECTION TYPE C	EACH	11.000	11.000
0270	629.0210	FERTILIZER TYPE B	CWT	0.280	0.280
0280	630.0140	SEEDING MIXTURE NO. 40	LB	7.900	7.900
0290	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	11.000	11.000
0300	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	6.000	6.000
0310	637.0202	SIGNS REFLECTIVE TYPE II	SF	130.000	130.000
0320	638.2102	MOVING SIGNS TYPE II	EACH	4.000	4.000
0330	638.2602	REMOVING SIGNS TYPE II	EACH	3.000	3.000
0340	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	3.000	3.000
0350	638.4000	MOVING SMALL SIGN SUPPORTS	EACH	4.000	4.000
0360	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0370	643.0100	TRAFFIC CONTROL (PROJECT) 01. 5991-05-77	EACH	1.000	1.000
0380	643.0300	TRAFFIC CONTROL DRUMS	DAY	900.000	900.000
0390	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	420.000	420.000
0400	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	330.000	330.000
0410	643.0900	TRAFFIC CONTROL SIGNS	DAY	510.000	510.000
0420	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	340.000	340.000
0430	647.0336	PAVEMENT MARKING SYMBOLS BIKE SHARED LANE EPOXY	EACH	14.000	14.000
0440	647.0776	PAVEMENT MARKING CROSSWALK EPOXY 12-INCH	LF	282.500	282.500
0450	650.5000	CONSTRUCTION STAKING BASE	LF	1,355.000	1,355.000
0460	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 5991-05-77	LS	1.000	1.000
0470	690.0150	SAWING ASPHALT	LF	174.000	174.000
0480	690.0250	SAWING CONCRETE	LF	137.500	137.500
0490	SPV.0060	SPECIAL 01. SPEED TABLES	EACH	3.000	3.000
0500	SPV.0060	SPECIAL 02. PAVEMENT MARKING ARROWS SPEED TABLES	EACH	12.000	12.000

DATE 21MAY13		E S T I M A T E O F Q U A N T I T I E S			
LINE		5991-05-77			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0510	SPV.0060	SPECIAL 03. REPLACE MANHOLE CASTINGS	EACH	13.000	13.000
0520	SPV.0060	SPECIAL 04. TRENCH FRAME AND GRATE	EACH	3.000	3.000

CATEGORY 0010 ITEMS

COMMON EXCAVATION & BASE AGGREGATE DENSE 1 1/4-INCH

STATION TO STATION	LOCATION	EXCAVATION COMMON 205.0100 CY	SALVAGED / UNUSABLE PAVEMENT MATERIAL CY	AVAILABLE MATERIAL CY	UNEXPANDED FILL CY	1.25* EXPANDED FILL CY	WASTE CY	BASE AGGREGATE DENSE 1 1/4- INCH 305.0120 TON	REMARKS
14+79.9 - 28+34.4	PROJECT	1,950	792	0	17	21	1,929	1,984	SEE EARTHWORK TABLE
PROJECT TOTALS =		1,950	792	0	17	21	1,929	1,984	

EARTHWORK TABLE

Cut									Fill					Mass
Station	Area		Area	Volume		Cum. Volume			Area		Volume	Expanded	Cum Volume	
	Salvaged / Unusable Pavement Material (SF)	Cut (Unclassified) (SF)		Salvaged / Unusable Pavement Material (CY)	Cut (Unclassified) (CY)	Salvaged / Unusable Pavement Material (CY)	Cut (Unclassified) (CY)	Total (CY)	Unclassified (SF)	Unclassified (CY)	Vol. (1.25) (CY)	Unclassified (CY)	Ordinate (CY)	
14+79.9	36	32	68	0	0	0	0	0	1.0	0	0	0	0	0
14+89.3	36	34	70	5	7	5	7	12	1.0	1	1	1	1	6
15+44.6	36	34	70	31	41	36	48	84	1.0	3	4	5	5	43
17+25.0	36	32	68	100	129	136	177	313	0.0	4	5	10	10	167
17+85.9	36	34	70	34	44	170	221	391	0.0	0	0	10	10	211
18+31.9	36	34	70	26	34	196	255	451	0.0	0	0	10	10	245
19+25.0	36	32	68	52	67	247	322	569	0.0	0	0	10	10	312
21+25.0	36	32	68	111	139	358	461	819	0.0	0	0	10	10	451
23+25.0	36	32	68	111	139	470	600	1,070	0.0	0	0	10	10	590
25+25.0	36	32	68	111	139	581	739	1,320	0.0	0	0	10	10	729
27+25.0	36	32	68	111	139	692	878	1,570	0.6	3	4	14	14	864
27+74.6	36	34	70	28	36	719	914	1,633	0.6	2	3	17	17	897
28+17.6	36	34	70	24	32	743	946	1,689	0.6	1	1	18	18	928
28+34.3	36	32	68	9	12	752	958	1,710	1.2	1	1	19	19	939
Bentwood	963	854	1,817	15	18	767	976	1,744	1.0	1	1	20	20	956
Juniper	801	694	1,494	12	15	780	991	1,771	0.0	0	0	20	20	971
Solaris	793	686	1479	12	15	792	1,006	1,798	1.2	1	1	21	21	985
Undistributed				0	152	792	1,158	1,950					21	1,137

Notes:

1. Fill represents material needed for subgrade correction.
2. Unclassified Cut may be used as fill for subgrade correction.
3. Total Waste is the sum of the Unclassified Cut and Salvaged / Unusable Pavement Material less the Fill.
4. Salvaged / Unusable Pavement Material was determined by interpolation between soil borings and should be considered an approximate value.

Summary			
FILL	Waste		
	Salvaged / Unusable Pavement Material (CY)	Cut (Unclassified) (CY)	Total (CY)
21	792	1,158	1,929

3

CATEGORY 0010 ITEMS

CLEARING & GRUBBING SUMMARY

STATION	TO	STATION	LOCATION	201.0105	201.0205	REMARKS
				CLEARING STA	GRUBBING STA	
15+00	-	17+00	LT	2	2	
PROJECT TOTALS =				2	2	

PREPARE FOUNDATION FOR BASE AGGREGATE

STATION	TO	STATION	LOCATION	211.0500	REMARKS
				STA	
14+79.9	-	28+34.4	PROJECT	14	
PROJECT TOTALS =				14	

FINISHING ROADWAY (PROJECT 5991-05-77)

STATION	TO	STATION	LOCATION	213.0100	REMARKS
				EACH	
14+79.9	-	28+34.4	PROJECT	1	
PROJECT TOTALS =				1	

REMOVING PAVEMENT

STATION	TO	STATION	LOCATION	204.0100	REMARKS
				SY	
15+74	-	15+91	37.5' RT	34	DRIVEWAY
17+26	-	17+43	41' RT	41	DRIVEWAY
19+60	-	19+78	46.75' RT	53	DRIVEWAY
20+00	-	20+18	45.75' RT	52	DRIVEWAY
20+45	-	20+62	34.75' RT	29	DRIVEWAY
20+91	-	21+07	35' RT	28	DRIVEWAY
21+34	-	21+51	42.5' RT	45	DRIVEWAY
27+20	-	27+36	40.5' RT	38	DRIVEWAY
PROJECT TOTALS =				320	

CONCRETE DRIVEWAY HES 6-INCH

STATION	LOCATION	416.0260	REMARKS
		SY	
15+82	RT	34	
17+32	RT	41	
19+68	RT	53	
20+09	RT	52	
20+53	RT	29	
20+99	RT	28	
21+44	RT	45	
27+29	RT	38	
PROJECT TOTALS =		320	

CURB AND GUTTER SUMMARY

STATION	TO	STATION	LOCATION	REMOVING CURB & GUTTER	CONCRETE CURB & GUTTER 30-INCH TYPE D	REMARKS
				204.0150 LF	601.0411 LF	
0+22 B	-	0+33 B	RT	10	10	INLET REPAIR
0+19 B	-	0+35 B	LT	16	16	CROSSWALK LOCATION
15+44	-	15+66	LT	19	19	CROSSWALK LOCATION
15+56	-	15+66	RT	10	10	CROSSWALK LOCATION
00+18 C	-	00+36 C	RT	17	17	CROSSWALK LOCATION
00+25 C	-	00+35 C	LT	11	11	CROSSWALK LOCATION
18+63	-	18+73	LT	10	10	CROSSWALK LOCATION
18+63	-	18+73	RT	10	10	CROSSWALK LOCATION
22+03	-	22+15	LT	12	12	MAINLINE REPAIR
24+12	-	24+26	LT	10	10	INLET REPAIR
27+52	-	27+63	LT	10	10	CROSSWALK LOCATION
27+53	-	27+62	RT	10	10	CROSSWALK LOCATION
0+16 D	-	0+35 D	RT	17	17	CROSSWALK LOCATION
28+13	-	28+26	RT	10	10	INLET REPAIR
PROJECT TOTALS =				172	172	

TACK COAT

STATION	TO	STATION	LOCATION	455.0605	REMARKS
				GAL	
14+80	-	28+34	MAINLINE	136	
0+18 B	-	0+40 B	SIDEROAD	3	BENTWOOD PL.
0+18 C	-	0+40 C	SIDEROAD	3	JUNIPER ST.
0+18 D	-	0+40 D	SIDEROAD	3	SOLARIS LN.
PROJECT TOTALS =				145	

HMA PAVEMENT & ASPHALTIC MATERIAL

				ASPHALTIC MATERIAL	ASPHALTIC MATERIAL	HMA PAVEMENT	
				PG 64-22	PG 64-28	TYPE E-1	
				455.0115	455.0120	460.1101	
STATION	TO	STATION	LOCATION	TON	TON	TON	REMARKS
14+80	-	28+34	MAINLINE	43	43	1,560	5" THICKNESS
0+18 B	-	0+40 B	BENTWOOD	1	1	31	5" THICKNESS
0+18 C	-	0+40 C	JUNIPER	1	1	26	5" THICKNESS
0+18 D	-	0+40 D	SOLARIS	1	1	26	5" THICKNESS
PROJECT TOTALS =				46	46	1,643	

3

CATEGORY 0010 ITEMS

CONCRETE SIDEWALK 4-INCH

602.0405					
STATION	TO	STATION	LOCATION	SF	REMARKS
14+80	-	15+02	LT	138	
15+26	-	16+22	LT	611	INCLUDES CURB RAMP
15+40	-	15+74	RT	246	INCLUDES CURB RAMP
15+91	-	17+25	RT	806	
16+44	-	17+04	LT	361	
17+27	-	17+96	LT	414	
17+42	-	17+90	RT	295	INCLUDES CURB RAMP
18+18	-	22+42	LT	2,577	INCLUDES CURB RAMP
18+28	-	18+96	RT	457	INCLUDES (2) CURB RAMPS
19+13	-	19+60	RT	278	
19+77	-	20+00	RT	137	
20+17	-	20+45	RT	164	
20+62	-	20+91	RT	173	
21+07	-	21+34	RT	162	
21+51	-	21+81	RT	179	
21+96	-	22+25	RT	174	
22+42	-	22+73	RT	184	
22+62	-	23+14	LT	315	
22+89	-	23+15	RT	160	
23+32	-	23+61	LT	171	
23+32	-	23+60	RT	167	
23+77	-	24+37	RT	372	
23+79	-	24+09	LT	182	
24+27	-	24+65	LT	211	
24+53	-	24+90	RT	237	
24+85	-	25+25	LT	225	
25+05	-	25+31	RT	164	
25+44	-	25+88	LT	241	
25+46	-	25+73	RT	177	
25+89	-	26+14	RT	165	
26+07	-	26+49	LT	231	
26+28	-	27+20	RT	594	
26+68	-	27+12	LT	246	
27+31	-	27+69	LT	249	INCLUDES CURB RAMP
27+35	-	27+81	RT	324	INCLUDES CURB RAMP
27+88	-	28+34	LT	266	

PROJECT TOTALS = 12,053

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

602.0515				
STATION	LOCATION	SF	REMARKS	
0+30 B	30' RT	8	TYPE 2 CURB RAMP REQ'D	
15+61	20.5' RT	8	TYPE 3 CURB RAMP REQ'D	
15+61	20.5' LT	8	TYPE 3 CURB RAMP REQ'D	
0+30 C	20' LT	8	TYPE 2 CURB RAMP REQ'D	
0+30 C	20' RT	8	TYPE 2 CURB RAMP REQ'D	
18+68	20.5' RT	8	TYPE 3 CURB RAMP REQ'D	
18+68	20.5' LT	8	TYPE 3 CURB RAMP REQ'D	
27+58	20.5' RT	8	TYPE 3 CURB RAMP REQ'D	
27+58	20.5' LT	8	TYPE 3 CURB RAMP REQ'D	
0+29 D	19.5' RT	8	TYPE 2 CURB RAMP REQ'D	

PROJECT TOTALS = 80

MOBILIZATION

619.1000			
STATION	LOCATION	EACH	REMARKS
PROJECT		1	
PROJECT TOTALS =		1	

MOBILIZATIONS EROSION CONTROL AND MOBILIZATION
EMERGENCY EROSION CONTROL

MOBILIZATIONS EROSION CONTROL 628.1905					MOBILIZATIONS EMERGENCY EROSION CONTROL 628.1910	
STATION	LOCATION	EACH	EACH	REMARKS		
PROJECT		2	2			
PROJECT TOTALS =		2	2			

INLET PROTECTION TYPE C

628.7015			
STATION	LOCATION	EACH	REMARKS
14+95	RT	1	
15+43	RT	1	
15+51	LT	1	
17+87	RT	1	
18+36	LT	1	
18+45	RT	1	
24+19	RT	1	
24+19	LT	1	
27+75	RT	1	
27+99	LT	1	
28+19	RT	1	
PROJECT TOTALS =		11	

3

3

EROSION CONTROL

CATEGORY 0010 ITEMS

TRAFFIC CONTROL DRUMS

STATION TO STATION		LOCATION	EROSION MAT				REMARKS
			SALVAGED TOPSOIL	URBAN CLASS I TYPE A	FERTILIZER TYPE B	SEEDING MIXTURE NO. 40	
			625.0500	628.2006	629.0210	630.0140	
			SY	SY	CWT	LB	
14+79.9 - 15+01.9		LT	5	5	0.003	0.09	
15+26.4 - 16+21.6		LT	21	21	0.013	0.38	
15+47.1 - 15+73.9		RT	6	6	0.004	0.11	
15+90.8 - 17+25.0		RT	30	30	0.019	0.54	
16+44.2 - 17+04.3		LT	13	13	0.008	0.24	
17+26.9 - 17+95.8		LT	15	15	0.010	0.28	
17+41.9 - 17+90.0		RT	11	11	0.007	0.19	
18+18.3 - 22+42.1		LT	94	94	0.059	1.70	
18+27.8 - 18+96.3		RT	15	15	0.010	0.27	
19+13.5 - 19+59.7		RT	10	10	0.006	0.18	
19+76.9 - 19+99.6		RT	5	5	0.003	0.09	
20+17.4 - 20+44.6		RT	6	6	0.004	0.11	
20+61.8 - 20+90.6		RT	6	6	0.004	0.12	
21+07.0 - 21+33.8		RT	6	6	0.004	0.11	
21+51.1 - 21+80.7		RT	7	7	0.004	0.12	
21+96.0 - 22+24.9		RT	6	6	0.004	0.12	
22+42.0 - 22+72.6		RT	7	7	0.004	0.12	
22+61.9 - 23+14.4		LT	12	12	0.007	0.21	
22+88.7 - 23+15.2		RT	6	6	0.004	0.11	
23+32.4 - 23+60.8		LT	6	6	0.004	0.11	
23+32.4 - 23+60.3		RT	6	6	0.004	0.11	
23+76.5 - 24+37.0		RT	14	14	0.009	0.25	
23+78.7 - 24+08.9		LT	7	7	0.004	0.12	
24+27.4 - 24+65.2		LT	8	8	0.005	0.14	
24+53.0 - 24+89.7		RT	9	9	0.006	0.16	
24+84.7 - 25+25.1		LT	8	8	0.005	0.15	
25+05.4 - 25+30.8		RT	6	6	0.004	0.11	
25+44.4 - 25+87.7		LT	9	9	0.006	0.16	
25+45.6 - 25+73.0		RT	7	7	0.004	0.12	
25+89.0 - 26+14.5		RT	6	6	0.004	0.11	
26+07.3 - 26+48.8		LT	9	9	0.005	0.15	
26+28.3 - 27+20.3		RT	22	22	0.014	0.40	
26+68.1 - 27+12.3		LT	9	9	0.006	0.16	
27+31.4 - 27+69.0		LT	8	8	0.005	0.14	
27+35.0 - 27+60.9		RT	9	9	0.006	0.16	
27+88.3 - 28+34.2		LT	10	10	0.006	0.18	
PROJECT WIDE	UNDISTRIBUTED		5	5	0.003	0.09	
PROJECT TOTALS =			439	439	0.28	7.9	

FIELD OFFICE TYPE B

642.5001	
LOCATION	EACH
PROJECT	1
PROJECT TOTALS =	
1	

TRAFFIC CONTROL (PROJECT 5991-05-77)

643.0100		TRAFFIC CONTROL DRUMS 643.0300	
LOCATION	EACH	LOCATION	EACH
PROJECT	1	PROJECT	30
PROJECT TOTALS =		PROJECT TOTALS =	
1		1,410	

TRAFFIC CONTROL BARRICADES TYPE III & WARNING LIGHTS TYPE A

T.C. BARRICADES TYPE III 643.0420			T.C. WARNING LIGHTS TYPE A 643.0705		
STATION	LOCATION	EACH	DAY	EACH	DAY
14+80	CL	2	94	4	188
0+50 B	CL	1	47	-	-
1+00 B	CL	1	47	1	47
0+50 C	CL	1	47	-	-
1+00 C	CL	1	47	1	47
19+00	RT	1	47	-	-
20+00	LT	1	47	-	-
25+00	RT	1	47	-	-
26+00	LT	1	47	-	-
0+50 D	CL	1	47	-	-
1+00 D	CL	1	47	1	47
28+35	CL	2	94	4	188
PROJECT TOTALS =			658	517	

TRAFFIC CONTROL SIGNS

643.0900					
STATION	LOCATION	SIGN CODE	EACH	DAY	REMARKS
2+30	RT	W20-3A	1	47	ROAD CLOSED AHEAD
4+80	RT	W20-3C	1	47	ROAD CLOSED 1000 FT
9+80	RT	W20-3D	1	47	ROAD CLOSED 500 FT
12+30	LT	G20-2A	1	47	END ROAD WORK
14+80	CL	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
1+00 B	CL	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
1+00 C	CL	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
19+00	RT	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
20+00	LT	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
25+00	RT	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
26+00	LT	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
1+00 D	CL	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
28+35	CL	R11-4	1	47	ROAD CLOSED TO THRU TRAFFIC
30+85	RT	G20-2A	1	47	END ROAD WORK
33+35	LT	W20-3D	1	47	ROAD CLOSED 500 FT
38+35	LT	W20-3C	1	47	ROAD CLOSED 1000 FT
40+85	LT	W20-3A	1	47	ROAD CLOSED AHEAD
PROJECT TOTALS =				799	

CATEGORY 0010 ITEMS

PERMANENT SIGNING ITEMS

SIGN NO.	STATION	DIR.	LOCATION	SIGN CODE	SIZE	DESCRIPTION	POSTS	WOOD	POSTS	WOOD	SIGNS	REMOVING	REMOVING	REMARKS
							4 X 6-INCH	4 X 6-INCH	REFLECTIVE	SIGNS	SMALL SIGN			
							X 14-FT	X 16-FT	TYPE II	TYPE II	SUPPORTS			
							634.0614	634.0616	637.0202	638.2602	638.3000			
							EACH	EACH	SF	EACH	EACH			
100	14+75	NB	RT		24" X 30"	SPEED BUMPS NEXT 1/4 MILE	1	-	5.00	-	-			SEE SIGN DETAIL
101	15+70	NB	RT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
102	15+70	NB	RT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 101
103	16+59	NB	RT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
104	19+39	NB	RT	R2-1	24" X 30"	SPEED LIMIT (25) MPH	1	-	5.00	1	1			
105	20+87	NB	RT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
106	22+15	NB	RT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
107	22+15	NB	RT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 106
108	26+70	NB	RT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
109	27+50	NB	RT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
110	27+50	NB	RT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 109
200	15+70	SB	LT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
201	15+70	SB	LT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 200
202	16+98	SB	LT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
203	17+45	SB	LT	R2-1	24" X 30"	SPEED LIMIT (25) MPH	1	-	5.00	1	1			
204	21+40	SB	LT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
205	22+15	SB	LT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
206	22+15	SB	LT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 205
207	26+25	SB	LT	R2-1	24" X 30"	SPEED LIMIT (25) MPH	1	-	5.00	-	-			
208	26+97	SB	LT	R2-1	24" X 30"	SPEED LIMIT (25) MPH	-	-	-	1	1			REMOVAL ONLY
209	27+08	SB	LT	W17-1	30" X 30"	SPEED BUMP	1	-	6.25	-	-			
210	27+49	SB	LT	W11-1	30" X 30"	BICYCLE WARNING SIGN	-	1	6.25	-	-			
211	27+49	SB	LT	W16-1P	24" X 30"	SHARE THE ROAD	-	-	5.00	-	-			MOUNTED WITH 210
212	41+50	SB	LT		24" X 30"	SPEED BUMPS NEXT 1/2 MILE	1	-	5.00	-	-			SEE SIGN DETAIL

PROJECT TOTALS = 11 6 130 3 3

PAVEMENT MARKING SYMBOLS SHARED LANE

647.0336			
STATION	LOCATION	EACH	REMARKS
15+70	9' RT	1	
15+70	9' LT	1	
17+55	9' RT	1	
17+55	9' LT	1	
18+56	9' RT	1	
18+56	9' LT	1	
20+32	9' RT	1	
20+32	9' LT	1	
22+95	9' RT	1	
22+95	9' LT	1	
25+21	9' RT	1	
25+21	9' LT	1	
27+41	9' RT	1	
27+41	9' LT	1	

PROJECT TOTALS = 14

MOVING SIGNS & MOVING SMALL SIGN SUPPORTS

STATION	LOCATION	MOVING	MOVING SMALL	REMARKS
		SIGNS	SIGN	
		II	SUPPORTS	
		638.2102	638.4000	
		EACH	SF	
15+42	RT	1	1	BENTWOOD ST/33RD ST
15+42	RT	1	1	STOP
18+32	RT	1	1	JUNIPER ST/33RD ST
18+72	LT	1	1	PARK SIGN

PROJECT TOTALS = 4 4

PAVEMENT MARKING EPOXY 4-INCH

646.0106			
TO STATION	LOCATION	LF	REMARKS
- 28+34.4	C/L	340	DASHED YELLOW

PROJECT TOTALS = 340

3

3

CATEGORY 0010 ITEMS

PAVEMENT MARKING CROSSWALK EPOXY 12-INCH

ADJUSTING STRUCTURE COVER SUMMARY

647.0776				
STATION	TO	STATION	LOCATION	LF
15+58			RT & LT	36
15+64			RT & LT	36
17+92	-	18+26	27' RT	34.5
17+93	-	18+25	33' RT	32
18+65			RT & LT	36
18+71			RT & LT	36
27+55			RT & LT	36
27+61			RT & LT	36
PROJECT TOTALS =				282.5

CONSTRUCTION STAKING BASE

650.0500				
STATION	TO	STATION	LOCATION	LF
14+79.9	-	28+34.4	C/L	1,355
PROJECT TOTALS =				1,355

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT 5991-05-77)

650.9910				
STATION	TO	STATION	LOCATION	LS
14+79.9	-	28+34.4	PROJECT	1
PROJECT TOTALS =				1

SAWING CONCRETE

690.0250					
STATION	TO	STATION	LOCATION	LF	REMARKS
15+74	-	15+91	37.5' RT	17.0	DRIVEWAY
17+26	-	17+43	41' RT	17.0	DRIVEWAY
19+60	-	19+78	46.75' RT	18.0	DRIVEWAY
20+00	-	20+18	45.75' RT	18.0	DRIVEWAY
20+45	-	20+62	34.75' RT	16.5	DRIVEWAY
20+91	-	21+07	35' RT	16.0	DRIVEWAY
21+34	-	21+51	42.5' RT	17.5	DRIVEWAY
27+20	-	27+36	40.5' RT	17.5	DRIVEWAY
PROJECT TOTALS =				137.5	

SPECIAL 01. SPEED TABLES

SPV.0060.01					
STATION	TO	STATION	LOCATION	EACH	REMARKS
16+69	-	16+91	RT & LT	1	
21+09	-	21+31	RT & LT	1	
26+79	-	27+01	RT & LT	1	
PROJECT TOTALS =				3	

SPECIAL 02. PAVEMENT MARKING ARROWS SPEED TABLES

SPV.0060.02				
STATION	LOCATION	EACH	REMARKS	
16+72	6' RT & LT	2		
16+88	6' RT & LT	2		
21+12	6' RT & LT	2		
21+28	6' RT & LT	2		
26+82	6' RT & LT	2		
26+98	6' RT & LT	2		
PROJECT TOTALS =				12

PROJECT TOTALS = 12

SAWING ASPHALT

690.0150				
STATION	TO	STATION	LOCATION	LF
		14+80	MAINLINE	36
14+99	-	15+37	RT	38
17+93	-	18+25	RT	32
27+82	-	28+11	RT	32
		28+34	MAINLINE	36
PROJECT TOTALS =				174

SPECIAL 04. TRENCH FRAME AND GRATE

SPV.0060.04			
STATION	LOCATION	EACH	REMARKS
20+18	RT	1	
21+19	RT	1	
21+98	RT	1	
PROJECT TOTALS =		3	

CATEGORY 0020 (Non-Participating Items)

		COVER PLATES TEMPORARY 611.8120.S	SPECIAL 03. REPLACE SPV.0060.03		
STATION	LOCATION	EACH	EACH	REMARKS	
15+16.4	C/L	1	1	SAN MH	
15+31.7	13.8' RT	-	1	W.V.	
17+98.4	15.2' RT	-	1	W.V.	
18+07.6	C/L	1	1	SAN MH	
18+50	15' RT	-	1	W.V.	
20+12.8	C/L	1	1	SAN MH	
21+61.1	13.5' RT	-	1	W.V.	
22+51.1	C/L	1	1	SAN MH	
24+15.7	C/L	1	1	SAN MH	
26+11.9	C/L	1	1	SAN MH	
27+64.2	5.3' RT	-	1	W.V.	
27+94.3	C/L	1	1	SAN MH	
28+04.7	34.6' RT	-	1	W.V.	
PROJECT TOTALS CAT 0020 =		7	13		

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

CONVENTIONAL SYMBOLS		
FOUND IRON PIPE/PIN	IF UNLESS NOTED	PROPOSED R/W LINE
R/W MONUMENT	o (SET)	EXISTING H.E. LINE
R/W STANDARD	Δ (SET)	PROPERTY LINE
SIGN	ISIGN	LOT & TIE LINES
SECTION CORNER MONUMENT	●	SLOPE INTERCEPTS
SECTION CORNER SYMBOL	⊙	CORPORATE LIMITS
FEE (HATCH VARIES)	⊞	NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)
TEMPORARY LIMITED EASEMENT	⊞	NO ACCESS (BY ACQUISITION)
PERMANENT LIMITED EASEMENT	⊞	NO ACCESS (BY STATUTORY AUTHORITY)
R/W BOUNDARY POINT	⊞	SECTION LINE
PARCEL NUMBER	⊞	QUARTER LINE
UTILITY PARCEL NUMBER	⊞	SIXTEENTH LINE
SIGN NUMBER (OFF PREMISE)	⊞	EXISTING CENTERLINE
BUILDING	⊞	PROPOSED REFERENCE LINE
		PARALLEL OFFSET
		CONVENTIONAL UTILITY SYMBOLS
		WATER
		GAS
		TELEPHONE
		OVERHEAD
		TRANSMISSION LINES
		ELECTRIC
		CABLE TELEVISION
		FIBER OPTIC
		SANITARY SEWER
		STORM SEWER
		NON COMPENSABLE
		POWER POLE
		TELEPHONE POLE
		TELEPHONE PEDESTAL
		ELECTRIC TOWER

NOTES

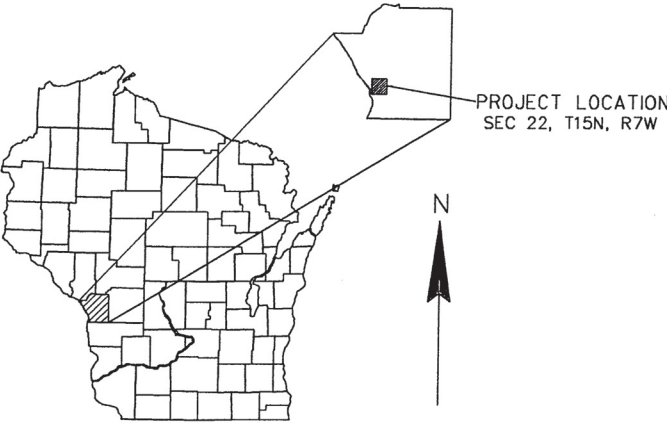
COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, LA CROSSE COUNTY ZONE, NAD 83 (1991) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

RIGHT-OF-WAY MONUMENTS ARE 3/4" x 24" REBAR AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

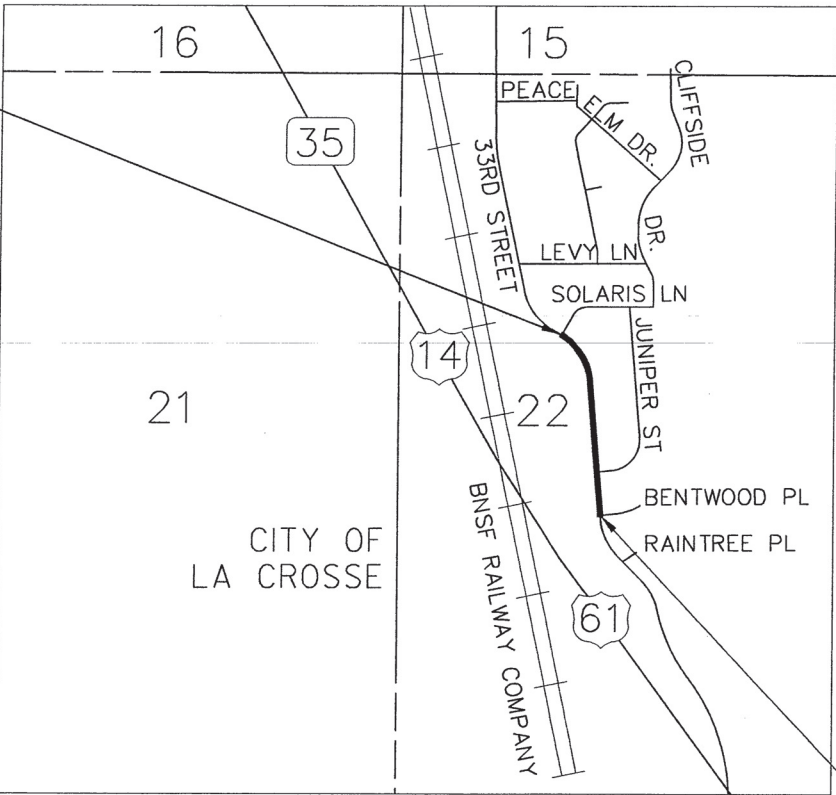
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

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 TLES EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.



END RELOCATION ORDER
STA 28+34.9
Y=114178.77
X=457079.75
986.39' N AND 879.18' E FROM
W COR SEC 22, T-15-N, R-7-W



LAYOUT
SCALE 0 0.25 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.257 MI.

LA CROSSE COUNTY CLERK
NOV 27 2012
RECEIVED

R/W PROJECT NUMBER 5991-05-07	SHEET NUMBER	TOTAL SHEETS
FEDERAL PROJECT NUMBER	4.01	5
PLAT OF RIGHT-OF-WAY REQUIRED FOR CITY OF LA CROSSE, 33RD STREET (BENTWOOD PLACE - SOLARIS LANE)		
LOCAL STREET		LA CROSSE COUNTY
CONSTRUCTION PROJECT NUMBER 5991-05-77		

BEGIN RELOCATION ORDER
STA 14+79.9
Y=112915.26
X=457383.92
281.70' S AND 1163.64' E FROM
W COR SEC 22, T-15-N, R-7-W



REVISION DATE: 2-14-2013 N.C.
5-1-2013 N.C.

ACCEPTED FOR
CITY of LA CROSSE
11-26-12 <i>Ref. J. Hilby</i>
CITY ENGINEER
(Date) (Signature & Title of Official)
ORIGINAL PLAT PREPARED BY
11/20/12 <i>Ref. J. Hilby</i>
(Date) (Signature)
E

SCHEDULE OF LANDS & INTERESTS REQUIRED

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

SCHEDULE OF LANDS & INTERESTS REQUIRED

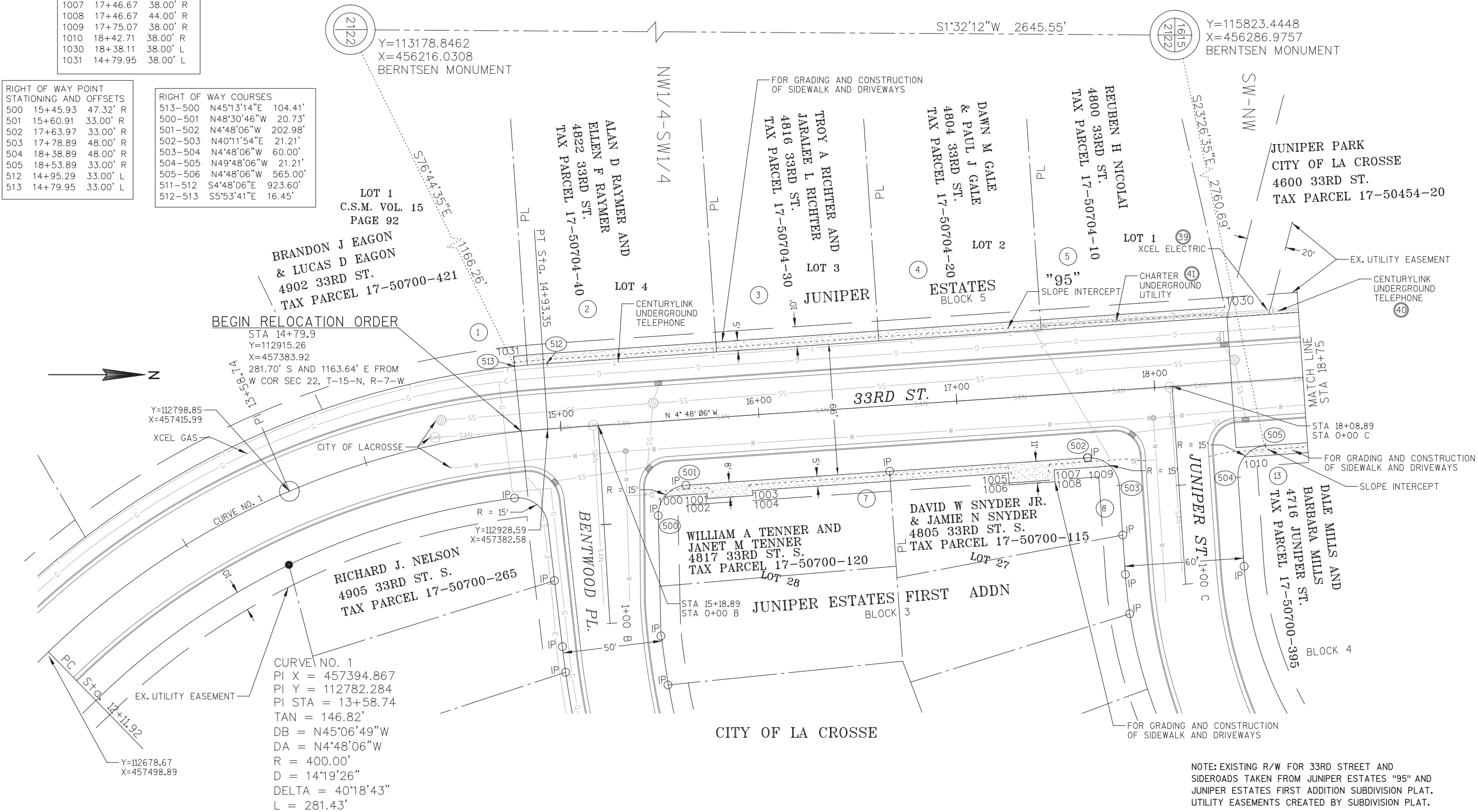
PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	FEE REQUIRED	TOTAL S.F.
1	4.03	BRANDON J EAGON & LUCAS D EAGON	T.L.E		33.0
2	4.03	ALAN D RAYMER AND ELLEN F RAYMER	T.L.E		478.0
3	4.03	TROY A RICHTER AND JARALEE L RICHTER	T.L.E		409.8
4	4.03	DAWN M GALE & PAUL J GALE	T.L.E		409.9
5	4.03	REUBEN H NICOLAI	T.L.E		467.9
7	4.03	WILLIAM A TENNER AND JANET M TENNER	T.L.E		611.4
8	4.03	DAVID W SNYDER JR & JAMIE N SNYDER	T.L.E		677.5
10	4.04	NORMAN S & JEANETTE N ALMQUIST LIVING TRUST	T.L.E		237.7
11	4.04	PATRICIA A MORRISON REVOCABLE TRUST	T.L.E		237.5
12	4.04	TERRANCE K WELCH	T.L.E		238.0
13	4.03 & 4.04	DALE MILLS AND BARBARA MILLS	T.L.E		238.7
14	4.04	BRUCE W BOUFFLEUR & SUSAN G BOUFFLEUR	T.L.E		225.0
15	4.04	KATHLEEN A HOGDEN	T.L.E		462.5
16	4.04	THOMAS J HUECKER AND KATH-LEEN R HUECKER	T.L.E		454.4
17	4.04	CORY G CARTER	T.L.E		246.6
18	4.04	AMY J HENDERSON	T.L.E		225.0
19	4.04	JOEL W HEFTI	T.L.E		398.4
20	4.04	RAYMOND L WUENSCH AND A SUSETTE WUENSCH	T.L.E		225.0
21	4.04	MICHAEL L GANZ	T.L.E		225.0
22	4.04	CHARLES FRANCIS BAKEY	T.L.E		225.0
23	4.04	DON C SCHUR AND JANE E SCHUR	T.L.E		224.9
24	4.04	DALE L MONTGOMERY AND KAREN M MONTGOMERY	T.L.E		224.9
25	4.04	CHARLES A AND ELIZABETH A WHALEN	T.L.E		450.3
26	4.04	RICHARD K RUDIE TRUST	T.L.E		237.3
27	4.04 & 4.05	JULIE A MILLS, JAMES G CALKINS AND LAURIE J LAMKIN	T.L.E		386.7
28	4.05	CATHERINE L. SWARTZ	T.L.E		386.7
29	4.05	KATHERINE S BUTINA	T.L.E		386.7
30	4.05	JUDITH A CARPENTER	T.L.E		386.6
31	4.05	JAMES E PUTZ	T.L.E		289.0
32	4.05	CYNTHIA L BRUEGGEN	T.L.E		289.2
34	4.04 & 4.05	KARL A TULLY	T.L.E		227.8
35	4.05	KULDIP S KALSY AND KAREN L KALSY	T.L.E		227.4
36	4.05	SUSAN ANN SCHALLER	T.L.E		227.0
37	4.05	BARBARA E. STETZER	T.L.E		230.1
38	4.05	JOHN J DERKSEN AND SHARON L DERKSEN	T.L.E		844.5
39	4.03, 4.04, 4.05	XCEL ENERGY (GAS AND ELECTRIC)	RELEASE OF RIGHTS		
40	4.03, 4.04, 4.05	CENTURYLINK	RELEASE OF RIGHTS		
41	4.03, 4.04, 4.05	CHARTER	RELEASE OF RIGHTS		

TLE POINT STATIONING & OFFSETS			
1000	15+49.73	38.00'	R
1001	15+71.24	38.00'	R
1002	15+71.24	40.50'	R
1003	15+94.26	38.00'	R
1004	15+94.26	40.50'	R
1005	17+23.57	38.00'	R
1006	17+23.57	44.00'	R
1007	17+46.67	38.00'	R
1008	17+46.67	44.00'	R
1009	17+75.07	38.00'	R
1010	18+42.71	38.00'	R
1030	18+38.11	38.00'	L
1031	14+79.95	38.00'	L

RIGHT OF WAY POINT STATIONING AND OFFSETS			
500	15+45.93	47.32'	R
501	15+60.91	33.00'	R
502	17+63.97	33.00'	R
503	17+78.89	48.00'	R
504	18+38.89	48.00'	R
505	18+53.89	33.00'	R
512	14+95.29	33.00'	L
513	14+79.95	33.00'	L

RIGHT OF WAY COURSES			
513-500	N45°13'14"E	104.41'	
500-501	N48°30'46"W	20.73'	
501-502	N4°48'06"W	202.98'	
502-503	N40°11'54"E	21.21'	
503-504	N4°48'06"W	60.00'	
504-505	N49°48'06"W	21.21'	
505-506	N4°48'06"W	565.00'	
511-512	S4°48'06"E	923.60'	
512-513	S5°53'41"E	16.45'	

CONSTRUCTION PROJECT NO: 5991-05-77
PART OF LOTS 1, 2, 3, 4 OF JUNIPER ESTATES "95"; PART OF LOT 1, CERTIFIED SURVEY
MAP, VOLUME 15, PAGE 92; PART OF LOTS 27 AND 28, BLOCK 3, JUNIPER ESTATES FIRST
ADDITION; ALL IN THE CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.



NOTE: EXISTING R/W FOR 33RD STREET AND
SIDEROADS TAKEN FROM JUNIPER ESTATES "95" AND
JUNIPER ESTATES FIRST ADDITION SUBDIVISION PLAT.
UTILITY EASEMENTS CREATED BY SUBDIVISION PLAT.

REVISION DATE 5-1-2013 2-14-2013 N.C.	DATE 11-20-2012	SCALE, FEET 0 25 50	HWY: 33RD STREET	STATE R/W PROJECT NUMBER 5991-05-07	PLAT SHEET 4.03
	GRID FACTOR 1.00000		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 5991-05-77	PS&E SHEET

CONSTRUCTION PROJECT NO: 5991-05-77

PART OF LOTS 6, 7, 8, 9 AND 10 OF JUNIPER ESTATES "94"; PART OF LOTS 14, 15, 16, 17, 18, 19 OF BLOCK 4 OF JUNIPER ESTATES; PART LOTS 20 AND 21, BLOCK 4 OF JUNIPER ESTATES FIRST ADDITION; PART OF LOT 19, BLOCK 4, JUNIPER ESTATES; ALL IN THE CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.

CURVE NO. 2
PI X = 457287.259
PI Y = 114063.257
PI STA = 26+32.01
TAN = 213.12'
DB = N4°48'06"W
DA = N60°53'55"W
R = 400.00'
D = 14°19'26"
DELTA = 56°05'49"
L = 391.63'

Y=113178.8462
X=456216.0308
BERNTSEN MONUMENT

JUNIPER PARK
CITY OF LA CROSSE
4600 33RD ST.
TAX PARCEL 17-50454-20

Y=115823.4448
X=456286.9757
BERNTSEN MONUMENT

FOR GRADING AND CONSTRUCTION
OF SIDEWALK AND DRIVEWAYS

SLOPE INTERCEPT

00+52.15
ENIT HCLAW

Y=113850.89
X=457305.10

SLOPE INTERCEPT
EX. UTILITY EASEMENT
XCEL ELECTRIC (39)

LOT 14
KARL A TULLY
4525 33RD ST. S.
TAX PARCEL 17-50453-145

FOR GRADING AND CONSTRUCTION
OF SIDEWALK AND DRIVEWAYS

TLE POINT STATIONING & OFFSETS			
1011	19+56.56	38.00'	R
1012	19+56.56	49.75'	R
1013	19+80.73	38.00'	R
1014	19+80.73	49.75'	R
1015	19+97.23	38.00'	R
1016	19+97.23	48.75'	R
1017	20+20.90	38.00'	R
1018	20+20.90	48.75'	R
1019	21+30.77	38.00'	R
1020	21+30.77	45.50'	R
1021	21+53.90	38.00'	R
1022	21+53.90	45.50'	R
1029	22+64.81	38.00'	L

NOTE: EXISTING R/W FOR 33RD STREET AND
SIDEROADS TAKEN FROM JUNIPER ESTATES AND
JUNIPER ESTATES FIRST ADDITION SUBDIVISION PLAT.
UTILITY EASEMENTS CREATED BY SUBDIVISION PLAT.

REVISION DATE 5-1-2013
2-14-2013 N.C.

DATE 11-20-2012
GRID FACTOR 1.00000

SCALE, FEET
0 25 50

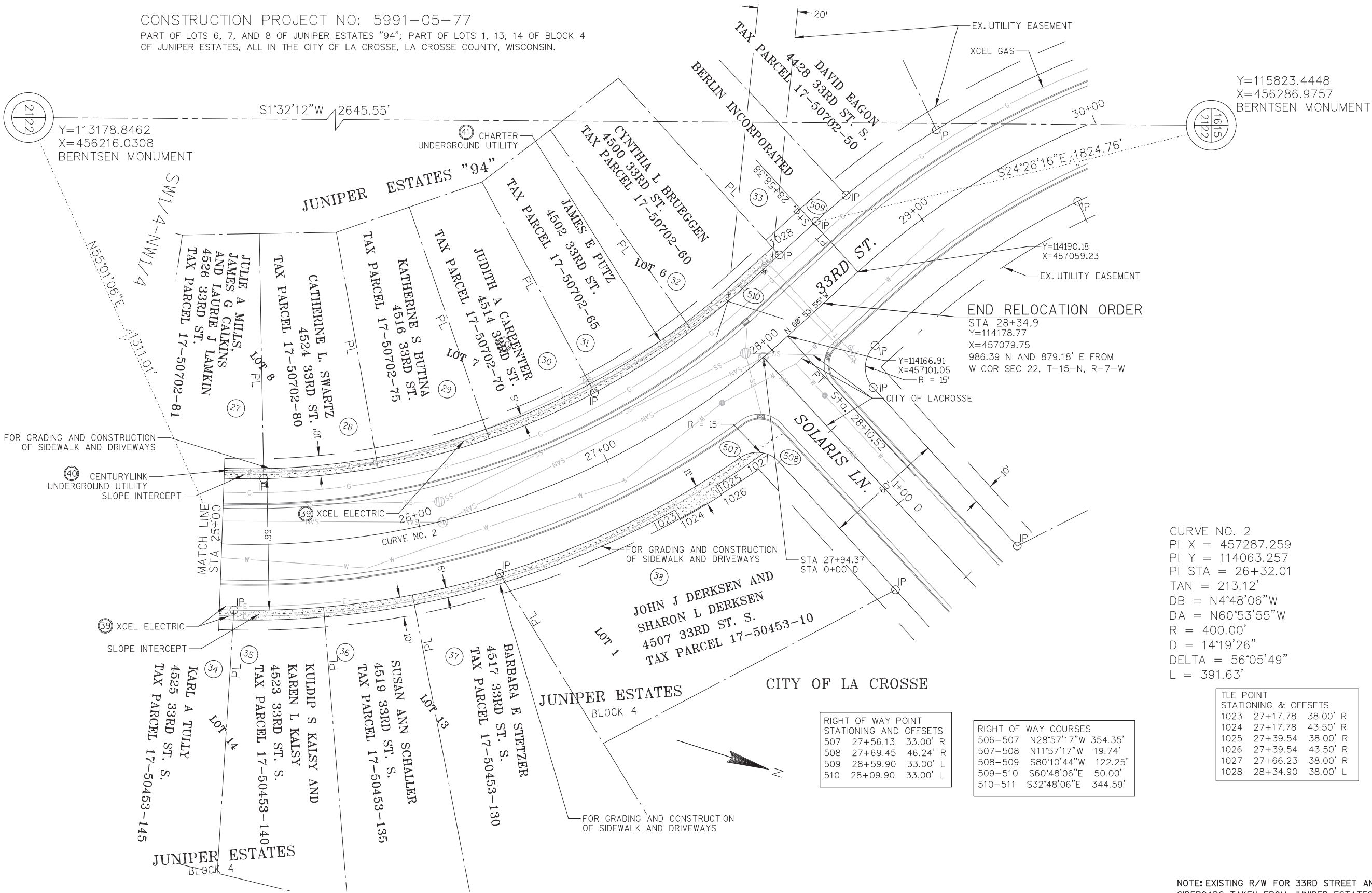
HWY: 33RD STREET
COUNTY: LA CROSSE

STATE R/W PROJECT NUMBER 5991-05-07
CONSTRUCTION PROJECT NUMBER 5991-05-77

PLAT SHEET 4.04
PS&E SHEET

E

CONSTRUCTION PROJECT NO: 5991-05-77
PART OF LOTS 6, 7, AND 8 OF JUNIPER ESTATES "94"; PART OF LOTS 1, 13, 14 OF BLOCK 4
OF JUNIPER ESTATES, ALL IN THE CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.



REVISION DATE 5-1-2013
2-14-2013

DATE 11-20-2012
GRID FACTOR 1.00000

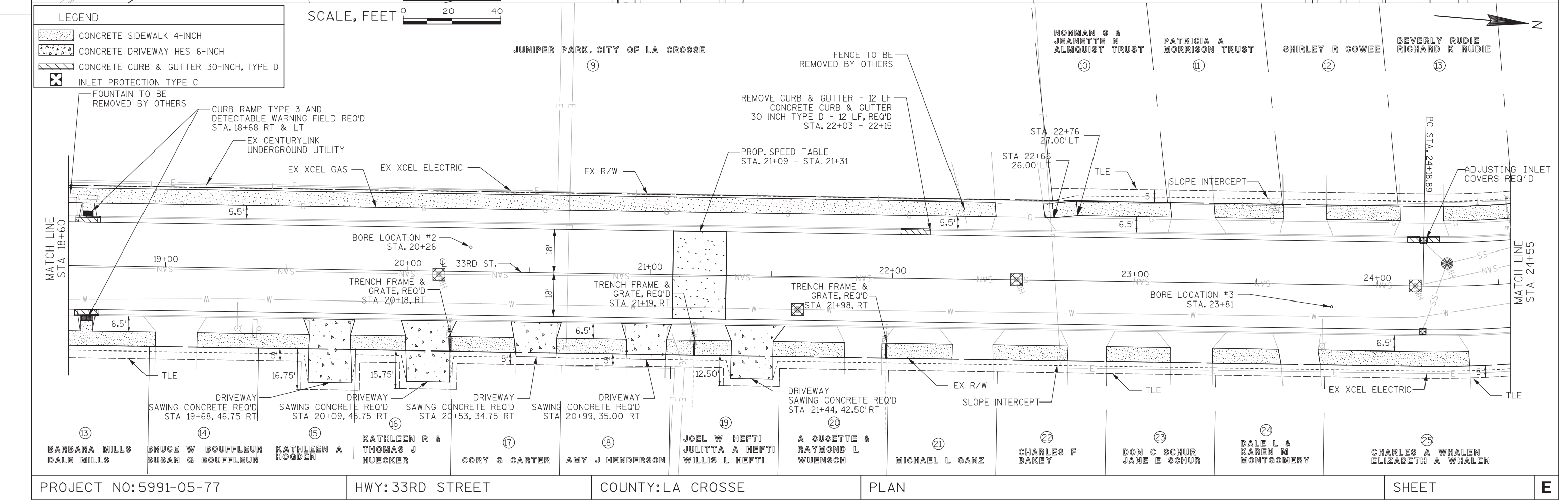
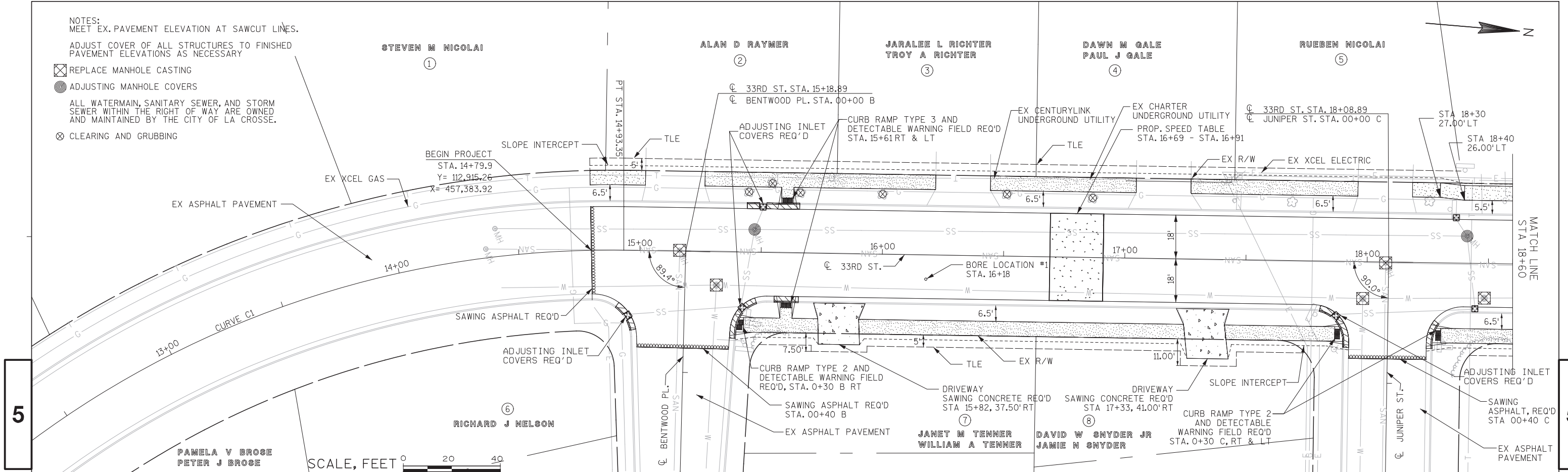
SCALE, FEET
0 25 50

HWY: 33RD STREET
COUNTY: LA CROSSE

STATE R/W PROJECT NUMBER 5991-05-07
CONSTRUCTION PROJECT NUMBER 5991-05-77

PLAT SHEET 4.05
PS&E SHEET

E



PROJECT NO:5991-05-77

HWY:33RD STREET

COUNTY:LA CROSSE

PLAN

SHEET

E

FILE NAME : \$\$...designfile...\$\$

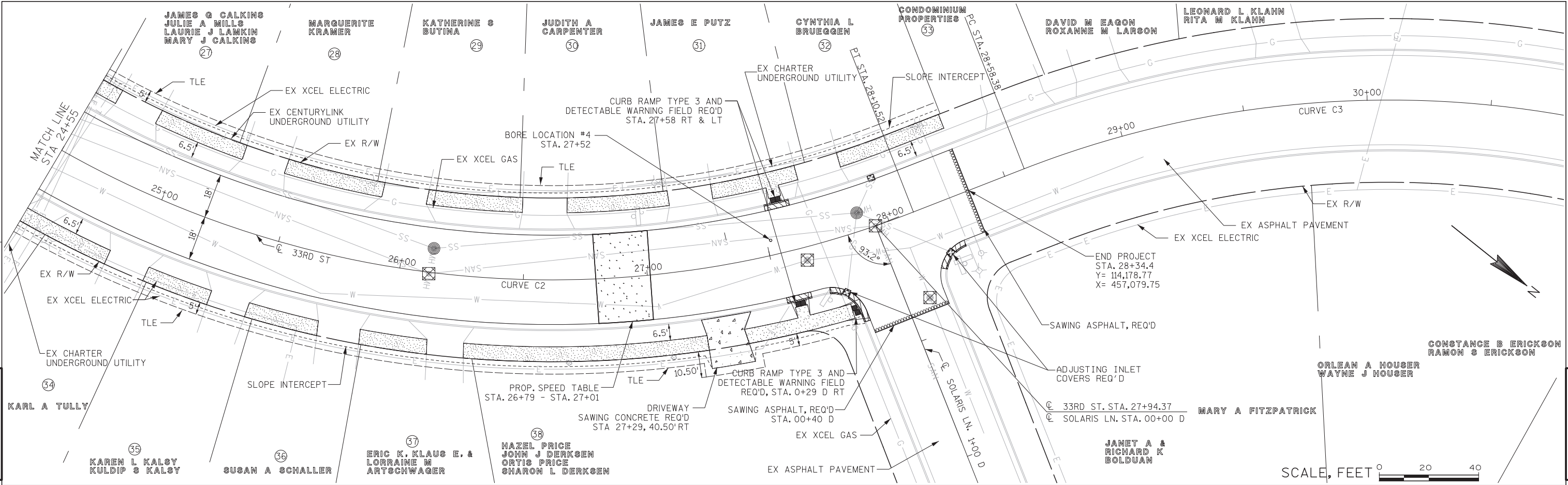
PLOT DATE : \$\$...plottingdate...\$\$

PLOT BY : \$\$...plotuser...\$\$

PLOT NAME :

PLOT SCALE : \$\$...plotscale...\$\$

WISDOT/CADDs SHEET 44



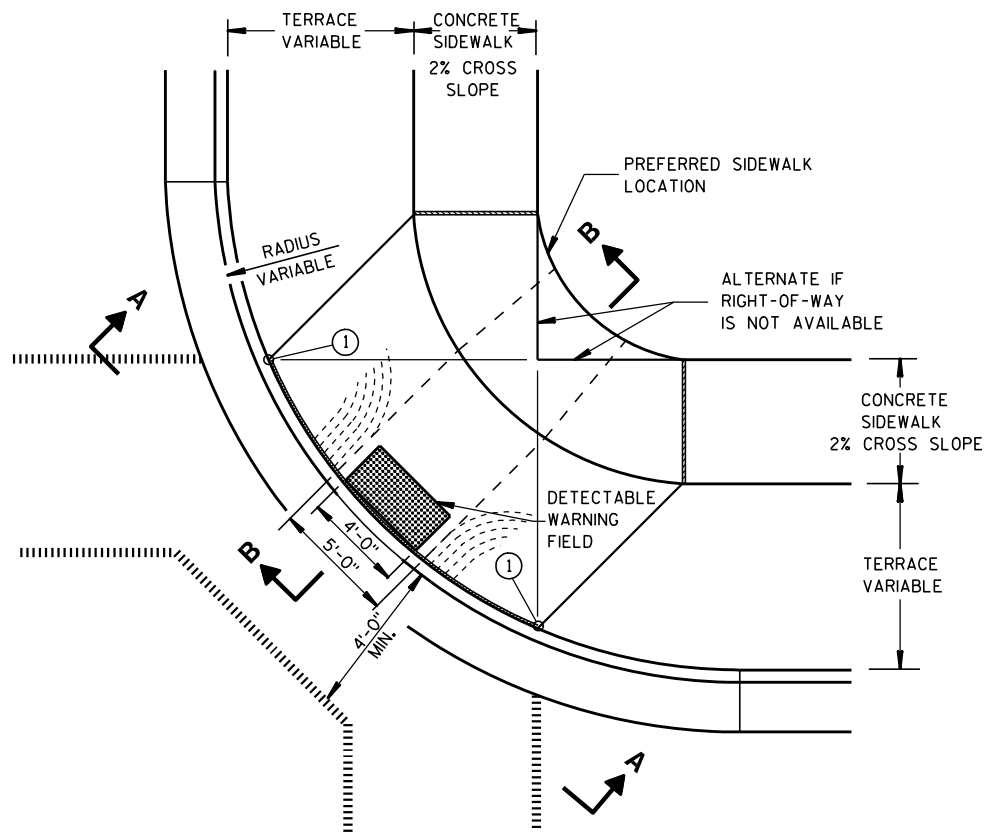
LEGEND

- CONCRETE SIDEWALK 4-INCH
- CONCRETE DRIVEWAY HES 6-INCH
- CONCRETE CURB & GUTTER 30-INCH, TYPE D
- INLET PROTECTION TYPE C

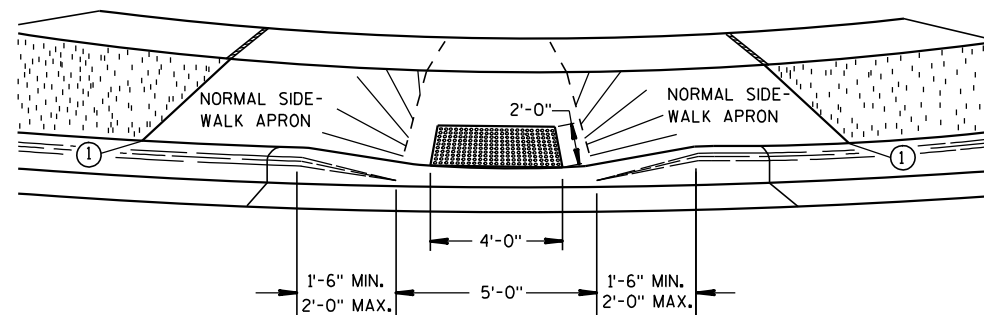
NOTES:
MEET EX. PAVEMENT ELEVATION AT SAWCUT LINES.
ADJUST COVER OF ALL STRUCTURES TO FINISHED PAVEMENT ELEVATIONS AS NECESSARY
REPLACE MANHOLE CASTING
ADJUSTING MANHOLE COVERS
ALL WATERMAIN, SANITARY SEWER, AND STORM SEWER WITHIN THE RIGHT OF WAY ARE OWNED AND MAINTAINED BY THE CITY OF LA CROSSE.

Standard Detail Drawing List

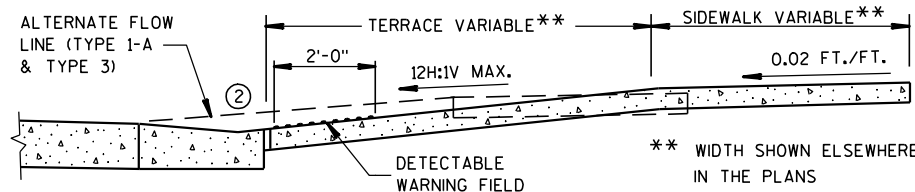
08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-14A	CURB RAMPS TYPES 1 AND 1-A
08D05-14B	CURB RAMPS TYPES 2 AND 3
08D05-14C	CURB RAMPS TYPE 4A
08D05-14D	CURB RAMPS TYPE 4B
08D05-14E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C02-04A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-04B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C29-02F	PAVEMENT MARKING FOR SHARED LANE



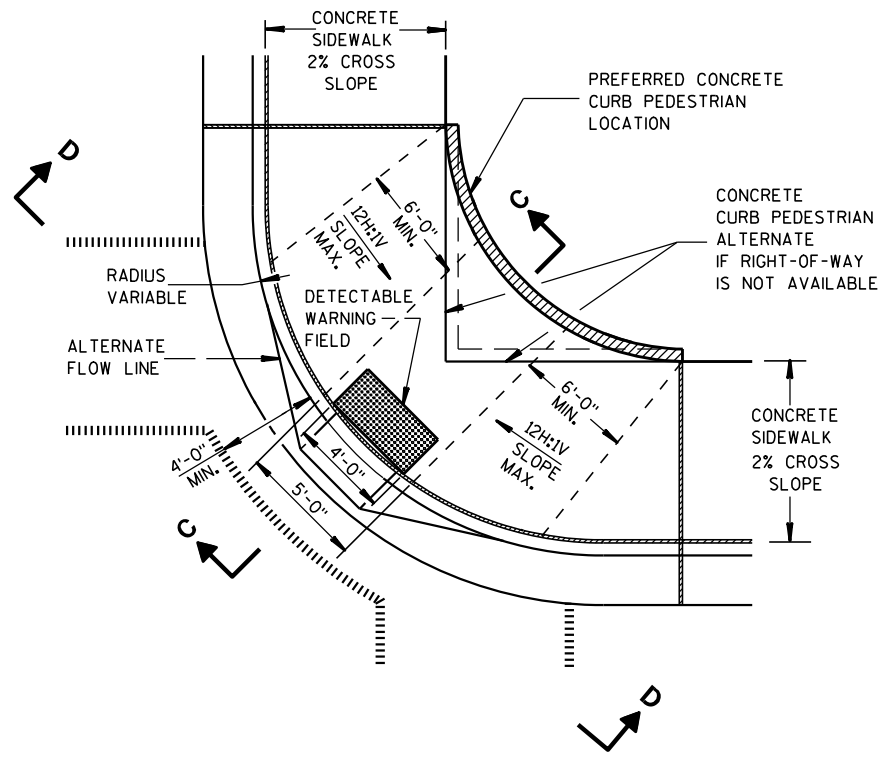
PLAN VIEW
TYPE 1 RAMP
(CENTER OF CORNER RADIUS)



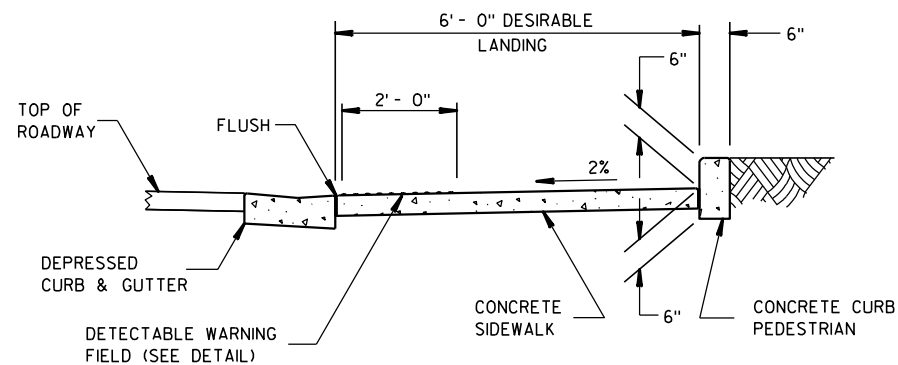
VIEW A-A



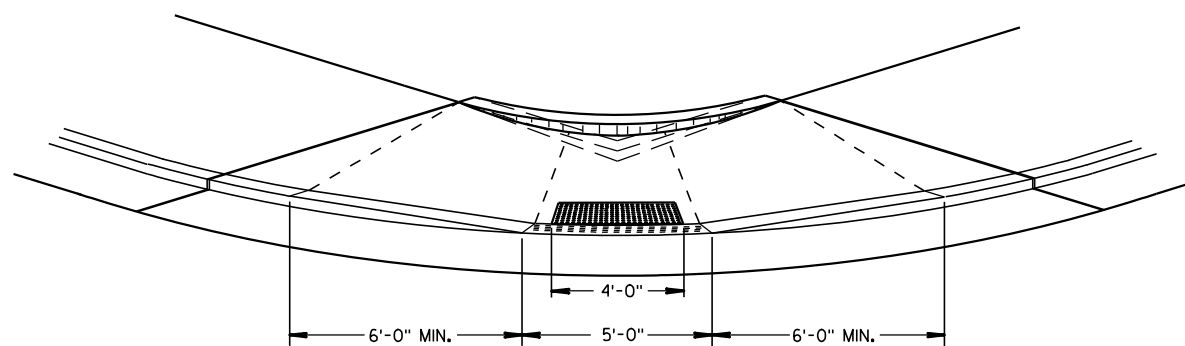
SECTION B-B



PLAN VIEW
TYPE 1-A RAMP
(NO TERRACE)



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.

RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

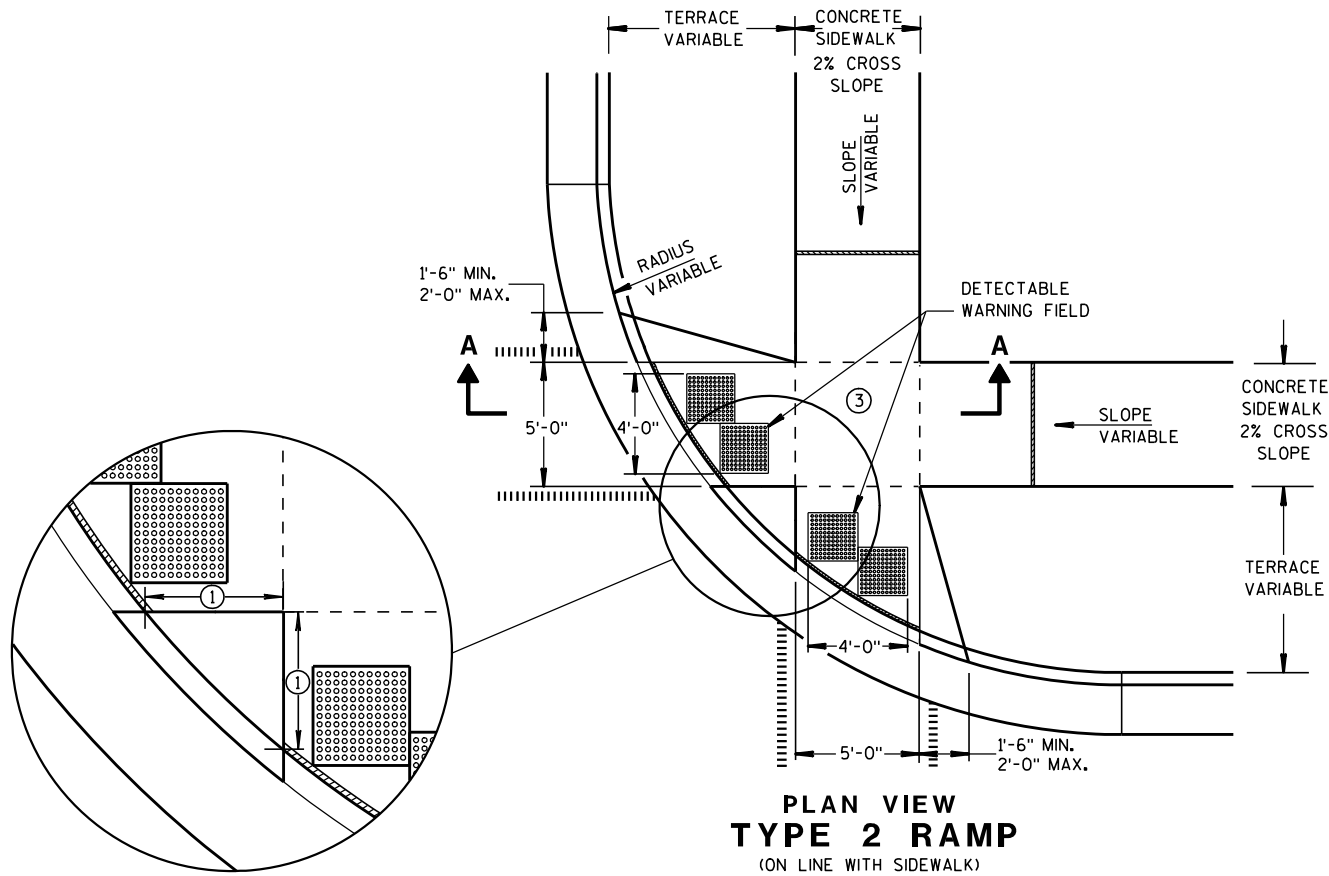
- THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

LEGEND

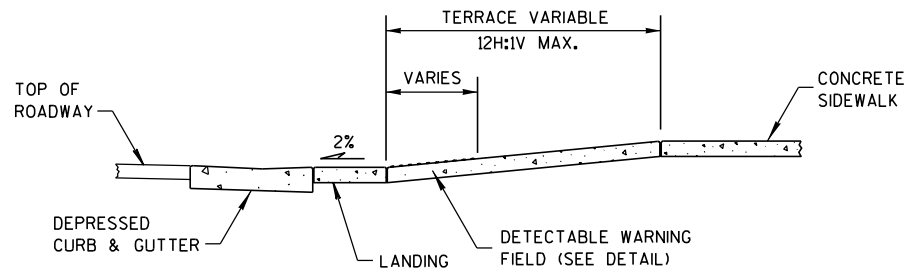
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS
TYPES 1 AND 1-A

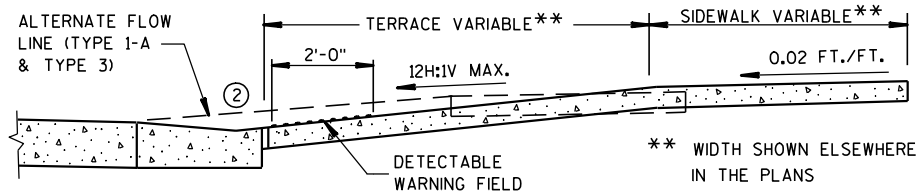
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
TYPE 2 RAMP
(ON LINE WITH SIDEWALK)



SECTION A-A



SECTION B-B

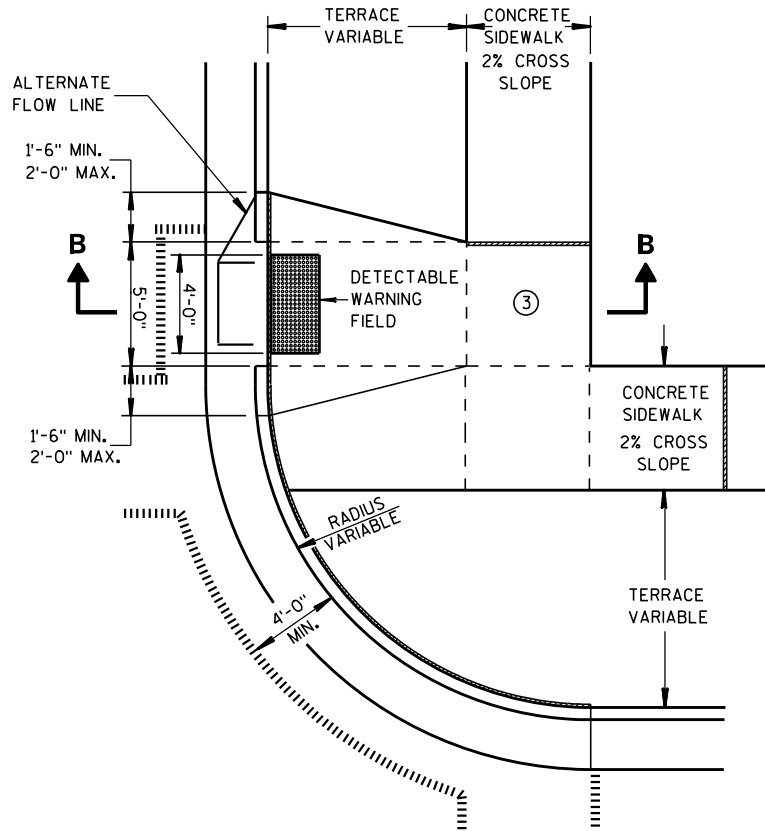
GENERAL NOTES

USE THE TYPE 3 RAMP ONLY WHEN A TYPE 1 OR TYPE 2 CANNOT BE ACHIEVED BECAUSE OF FIELD CONDITIONS.

- ① WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.
- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.
- ③ PROVIDE LANDING AT TOP OF RAMP WITH NO MORE THAN 2% SLOPE IN ANY DIRECTION.

LEGEND

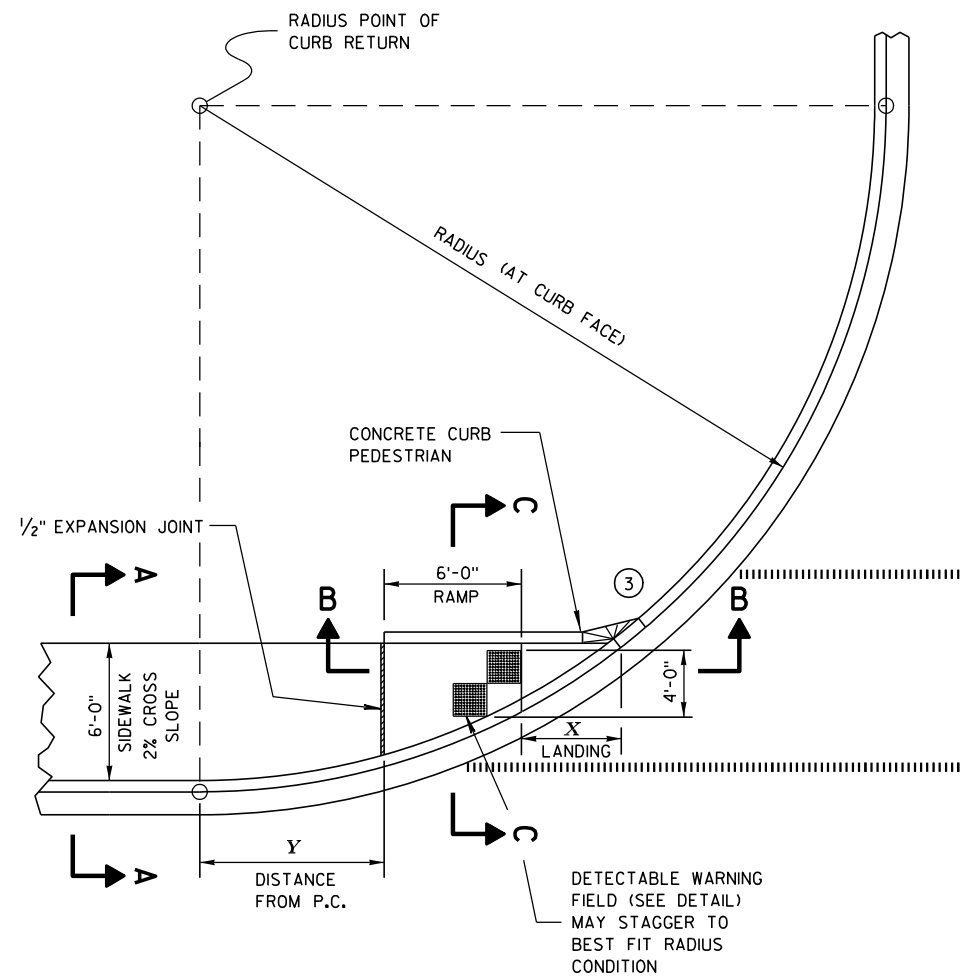
- ===== 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- ||||| PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



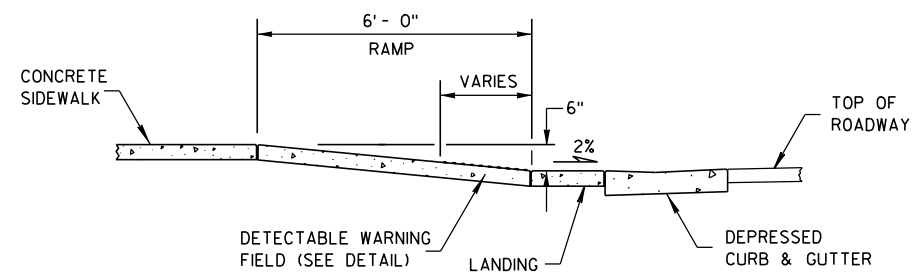
PLAN VIEW
TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS
TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



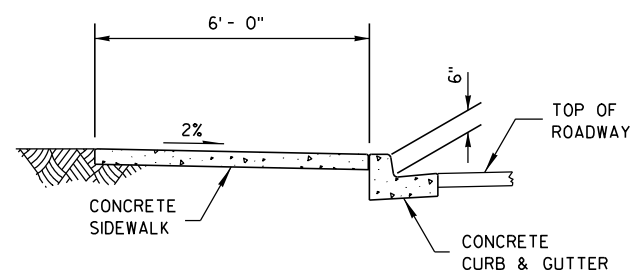
CURB RAMP TYPE 4A
PLAN VIEW



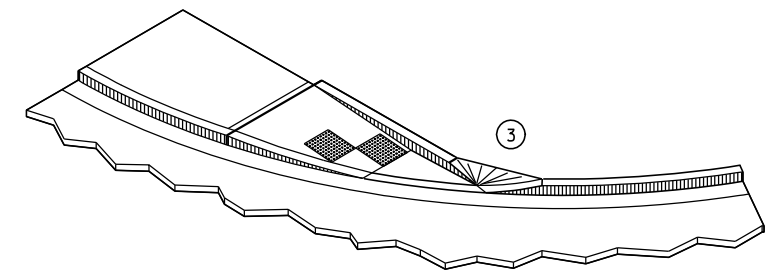
SECTION B-B

RADIUS (AT CURB FACE)	X	Y
20 FEET	6'-1 $\frac{3}{4}$ "	2'-7 $\frac{1}{4}$ "
30 FEET	7'-11 $\frac{3}{4}$ "	4'-8 $\frac{1}{4}$ "
40 FEET	9'-5 $\frac{1}{4}$ "	6'-5"
50 FEET	10'-8 $\frac{3}{4}$ "	7'-11 $\frac{1}{4}$ "
60 FEET	11'-10 $\frac{1}{4}$ "	9'-3 $\frac{1}{2}$ "

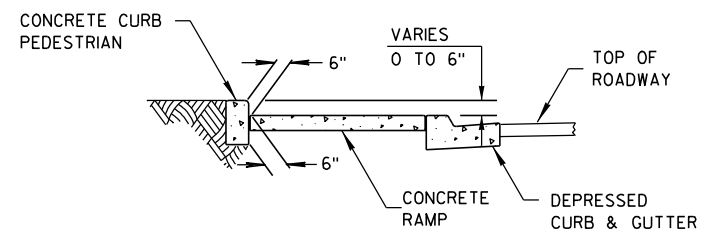
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A



ISOMETRIC VIEW



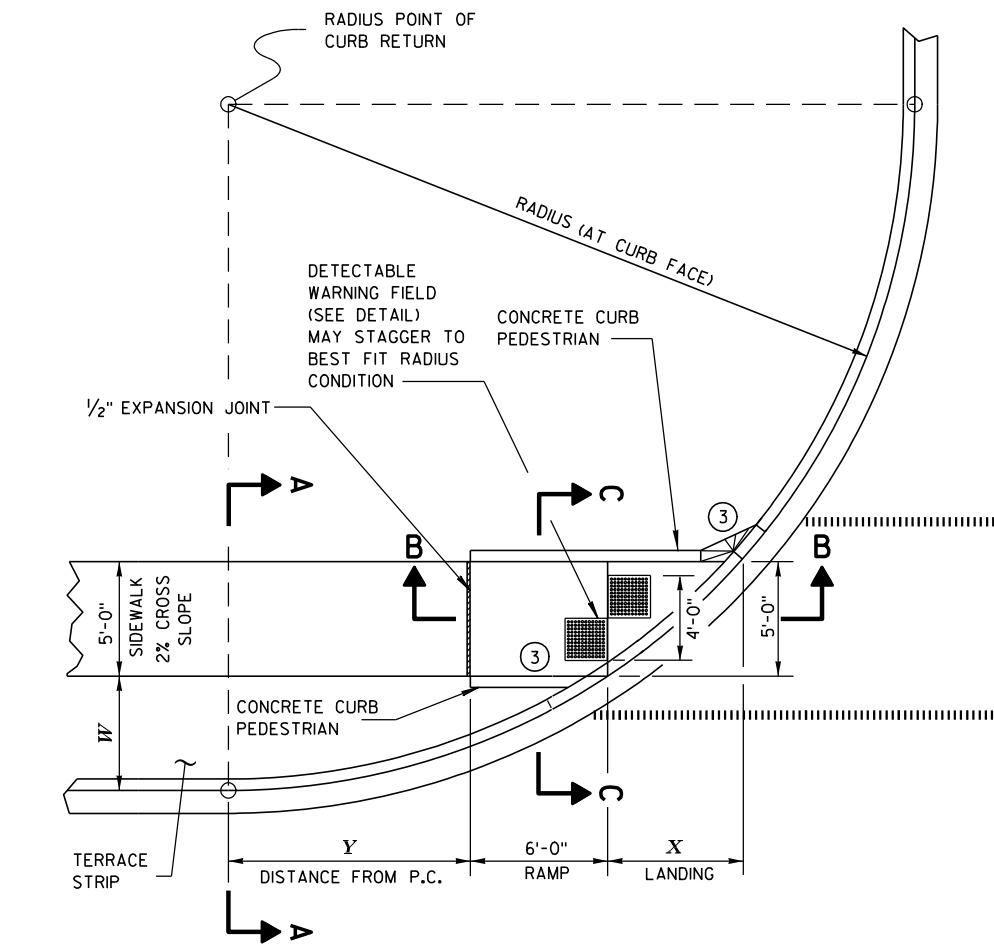
SECTION C-C

LEGEND

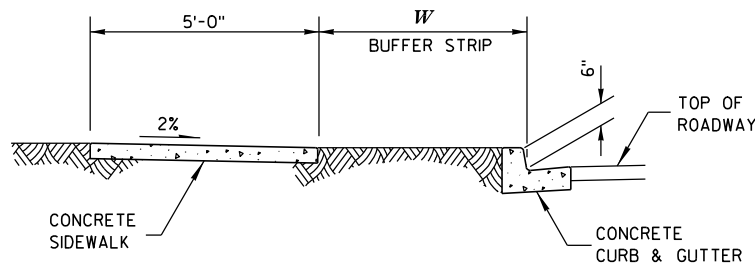
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 4A

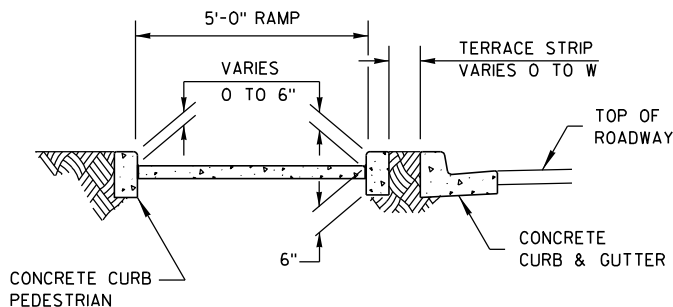
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



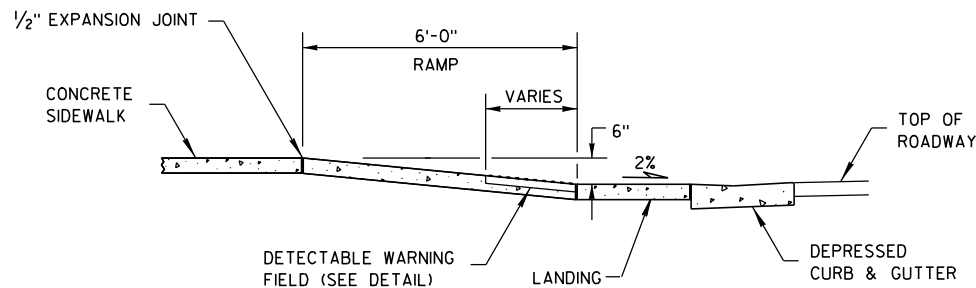
CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A



SECTION C-C



SECTION B-B

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

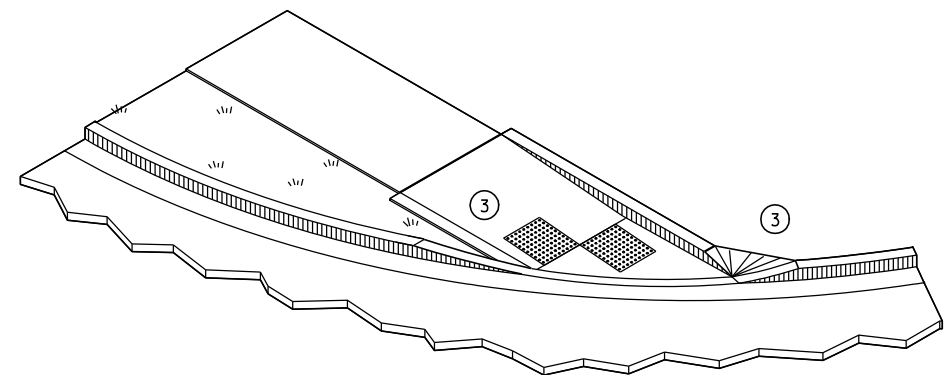
RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

- ③ INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.)
DO NOT MARK TRANSITION NOSE.

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'-5 1/2"	4'-6 1/2"	4'-8 1/2"	6'-0"	4'-1"	7'-2 3/4"	3'-7"	8'-3 1/2"	3'-1 1/2"	9'-2 1/2"
30 FEET	7'-3 3/4"	7'-1"	6'-5 1/2"	8'-11 1/2"	5'-9 1/4"	10'-7"	5'-2 1/2"	12'-0"	4'-8 3/4"	13'-3 1/4"
40 FEET	8'-9 1/2"	9'-2 1/2"	7'-10"	11'-5 1/4"	7'-1"	13'-4 1/2"	6'-5 3/4"	15'-3 1/4"	5'-11 1/2"	16'-7 1/4"
50 FEET	10'-3 1/4"	11'-3 1/4"	9'-1 1/4"	13'-7 1/4"	8'-2 1/2"	15'-9 1/2"	7'-6 1/2"	17'-9"	6'-11 3/4"	19'-6 1/4"
60 FEET	11'-2 1/2"	12'-8 3/4"	10'-3 1/4"	15'-6 1/2"	9'-2 1/4"	17'-11 3/4"	8'-5 3/4"	20'-1 3/4"	7'-10 1/2"	22'-1 1/2"
70 FEET	12'-2 3/4"	14'-3 1/4"	11'-1 1/4"	17'-4"	10'-1"	19'-11 3/4"	9'-3 3/4"	22'-4 1/4"	8'-8 1/4"	24'-6 1/4"
80 FEET	13'-2"	15'-8 1/2"	11'-10 1/2"	18'-11 3/4"	10'-10 3/4"	21'-10"	10'-1"	24'-4 3/4"	9'-5"	26'-8 3/4"
90 FEET	14'-1 1/2"	17'-1 1/2"	12'-8 1/4"	20'-6 1/2"	11'-7 3/4"	23'-7"	10'-9 3/4"	26'-3 3/4"	10'-1 1/4"	28'-9 1/2"
100 FEET	14'-10 1/2"	18'-3 3/4"	13'-5 1/2"	22'-0"	12'-4 1/4"	25'-2 3/4"	11'-5 3/4"	28'-1 1/2"	10'-9"	30'-9"

INTERMEDIATE RADII CAN BE INTERPOLATED



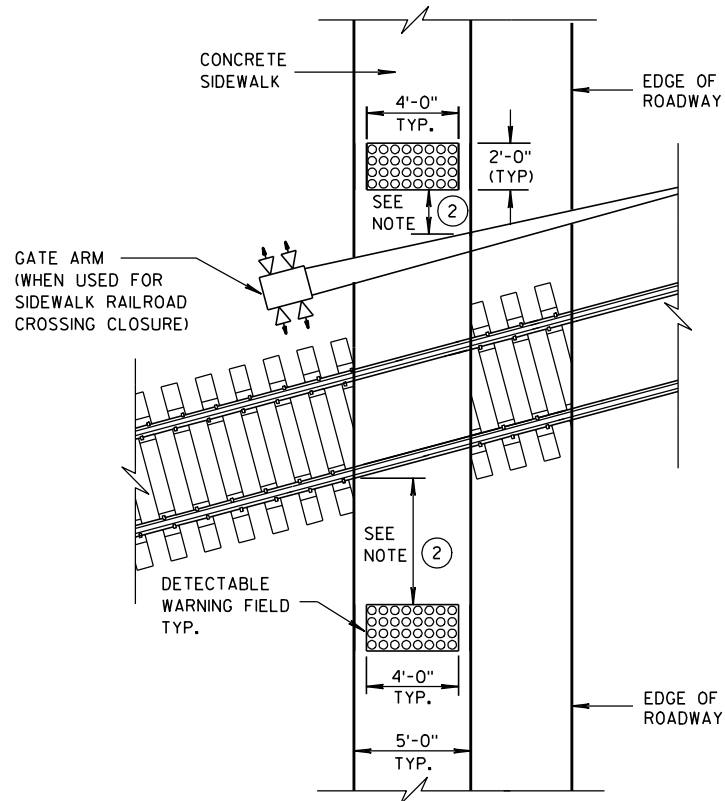
ISOMETRIC VIEW

LEGEND

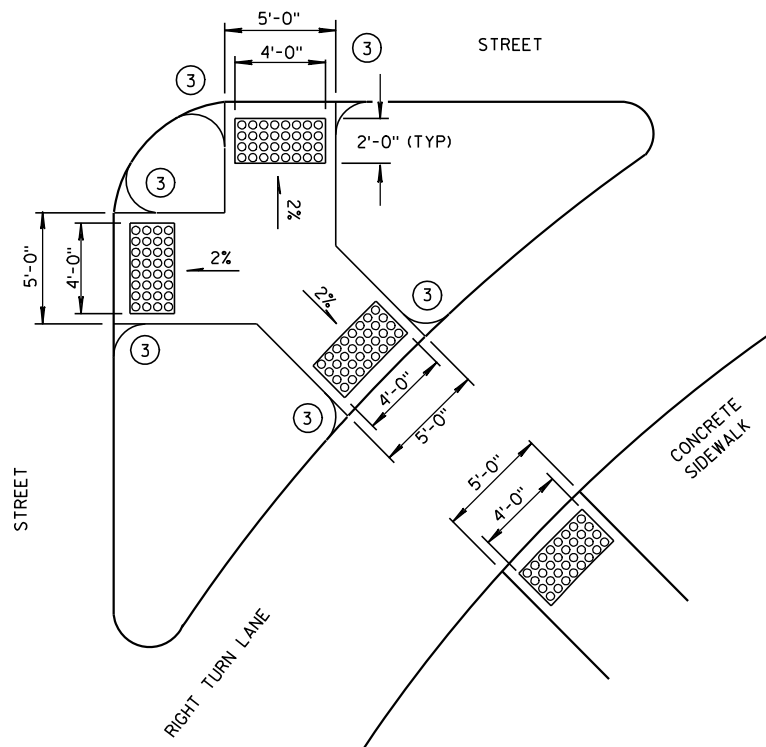
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 4B

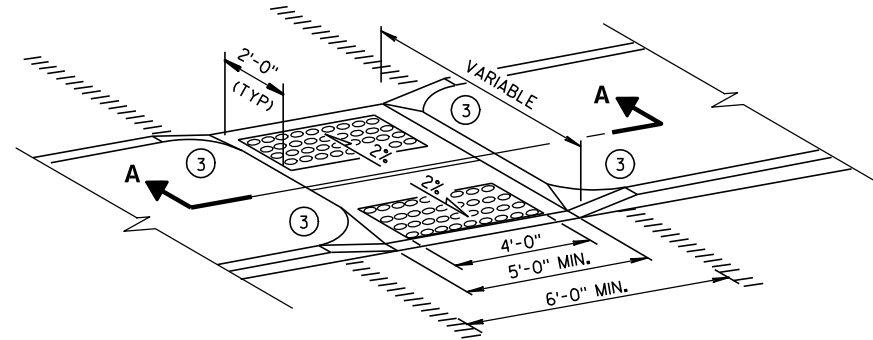
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



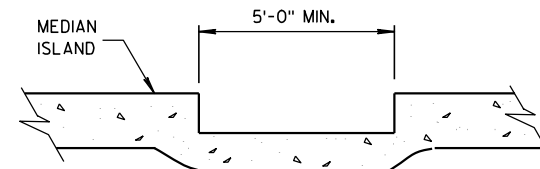
TYPE 8
DETECTABLE WARNINGS
AT RAILROAD CROSSING



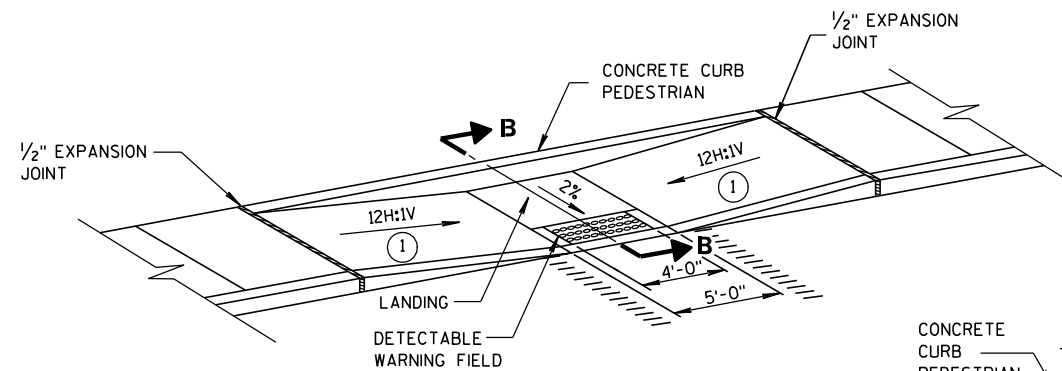
TYPE 6
DETECTABLE WARNING AT ISLANDS



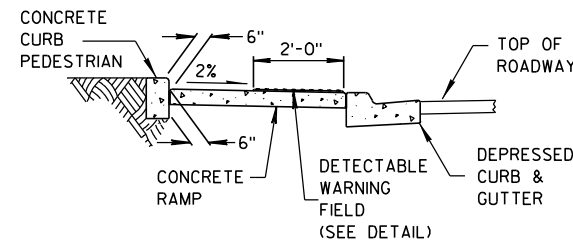
MEDIAN ISLAND
NON-ELEVATED CROSSING
TYPE 5



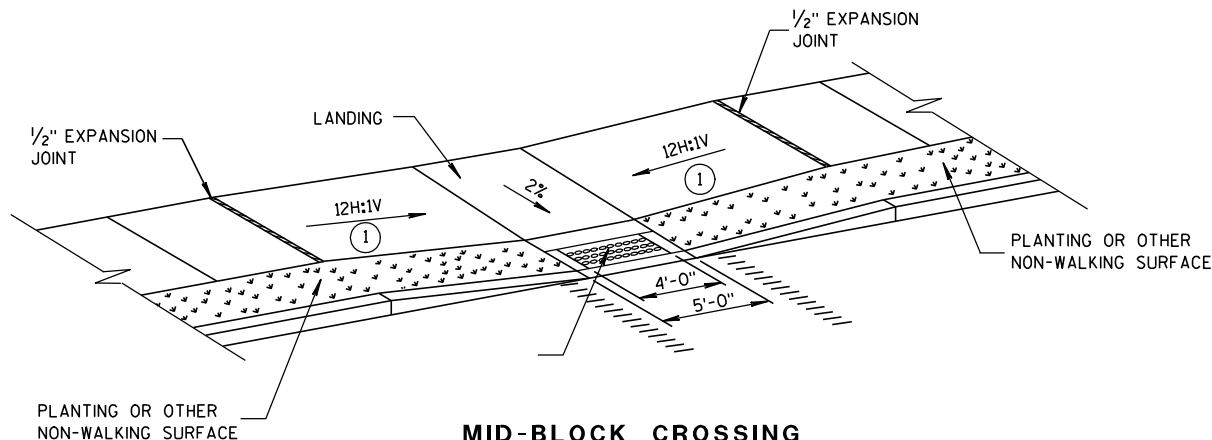
SECTION A-A



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.

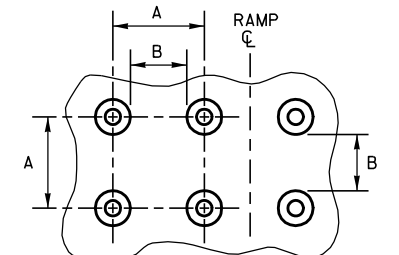
GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

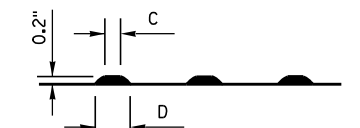
- 1 SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.
- 2 THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET $\pm$ 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.
- 3 INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



PLAN VIEW

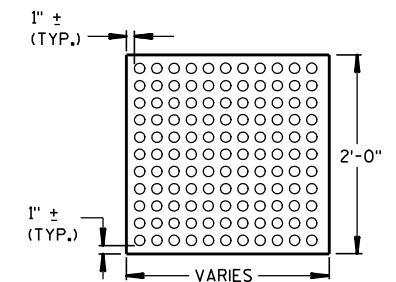


ELEVATION VIEW

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

TRUNCATED DOMES
DETECTABLE WARNING
PATTERN DETAIL



PLAN VIEW
DETECTABLE WARNING
FIELD (TYPICAL)

CURB RAMPS
TYPES 5, 6, 7A, 7B & 8

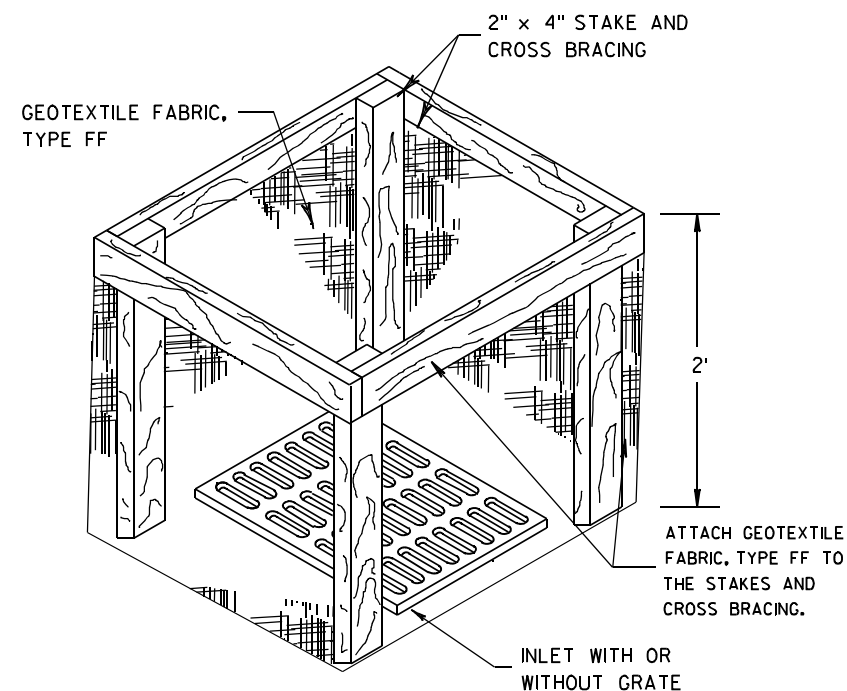
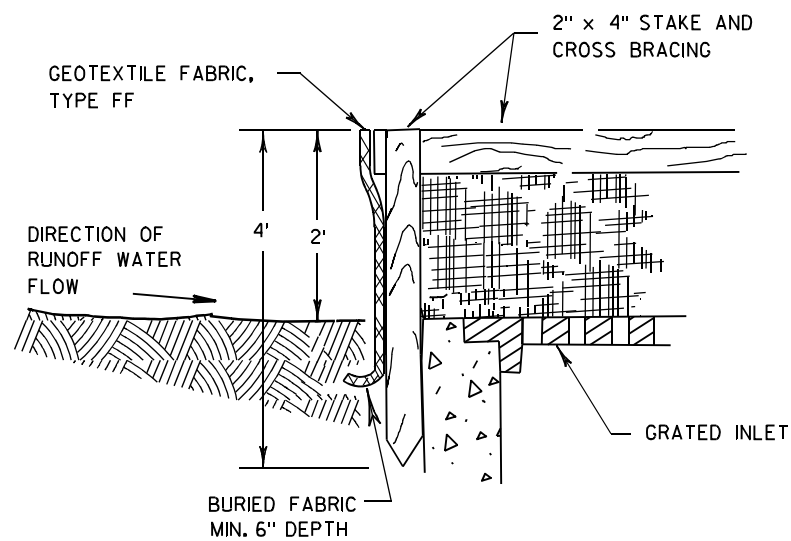
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

2-9-10
DATE

FHWA

/s/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER



INLET PROTECTION, TYPE A

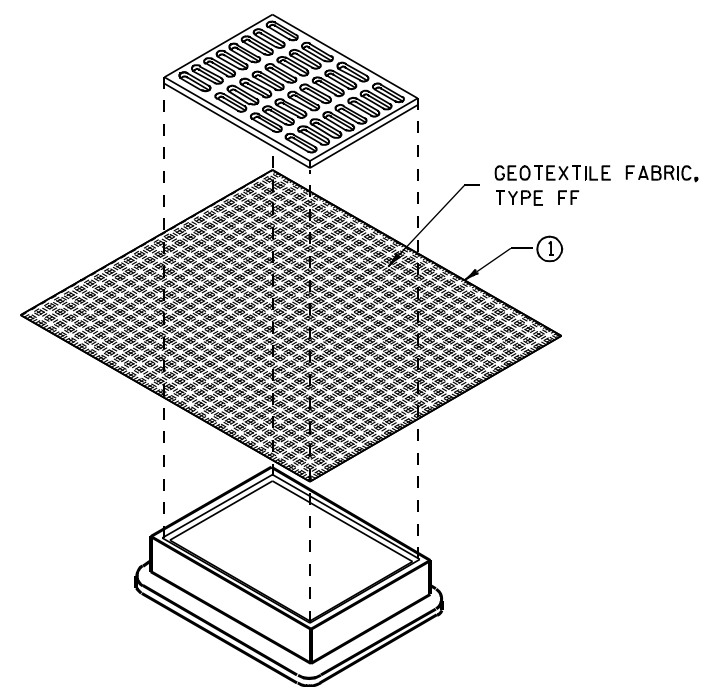
GENERAL NOTES

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.

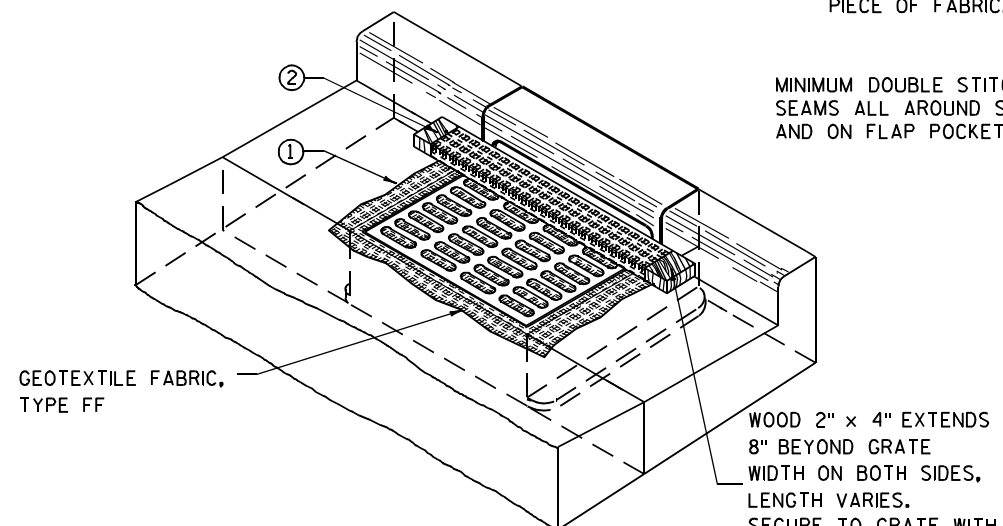
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

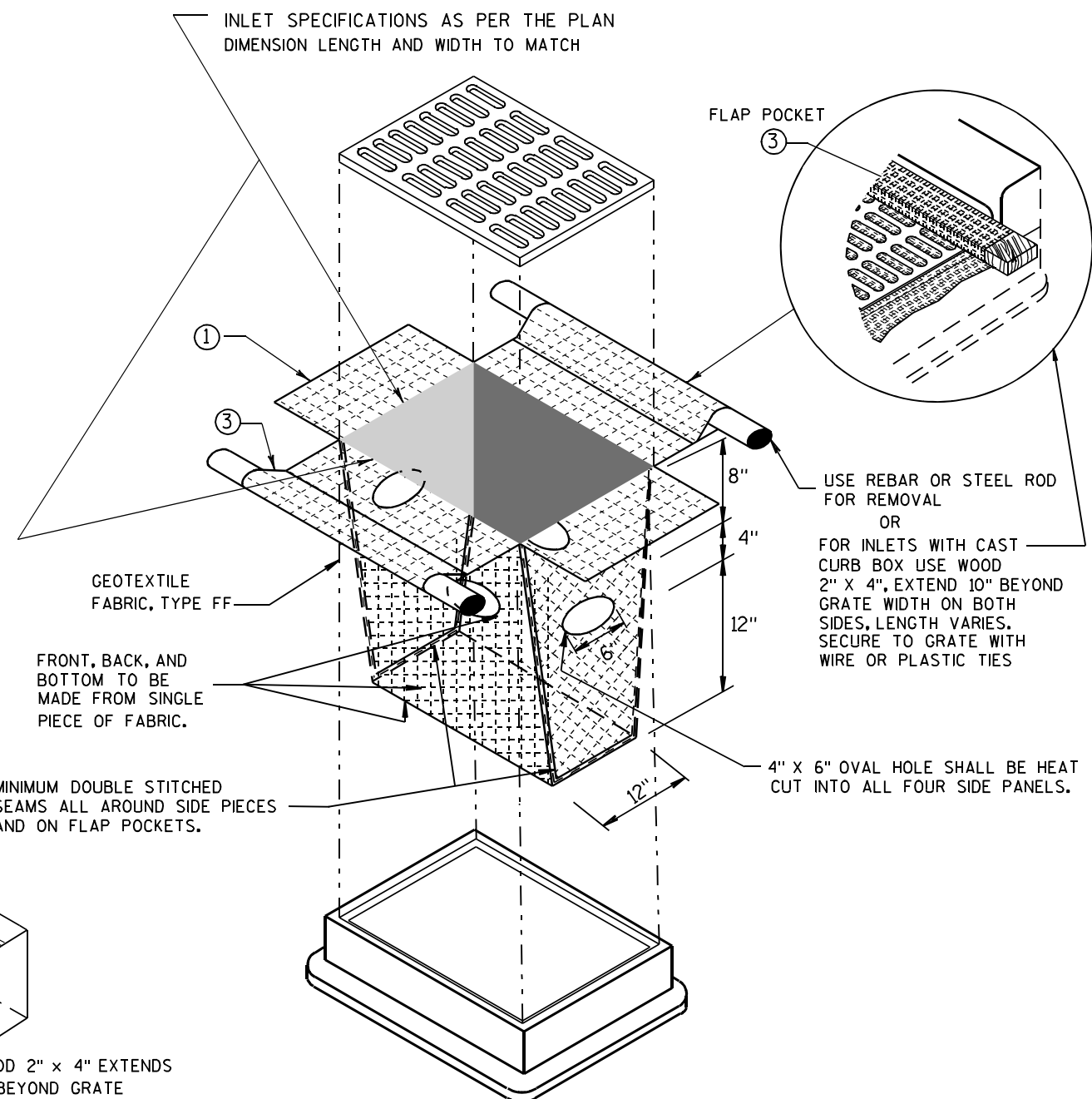
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

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.



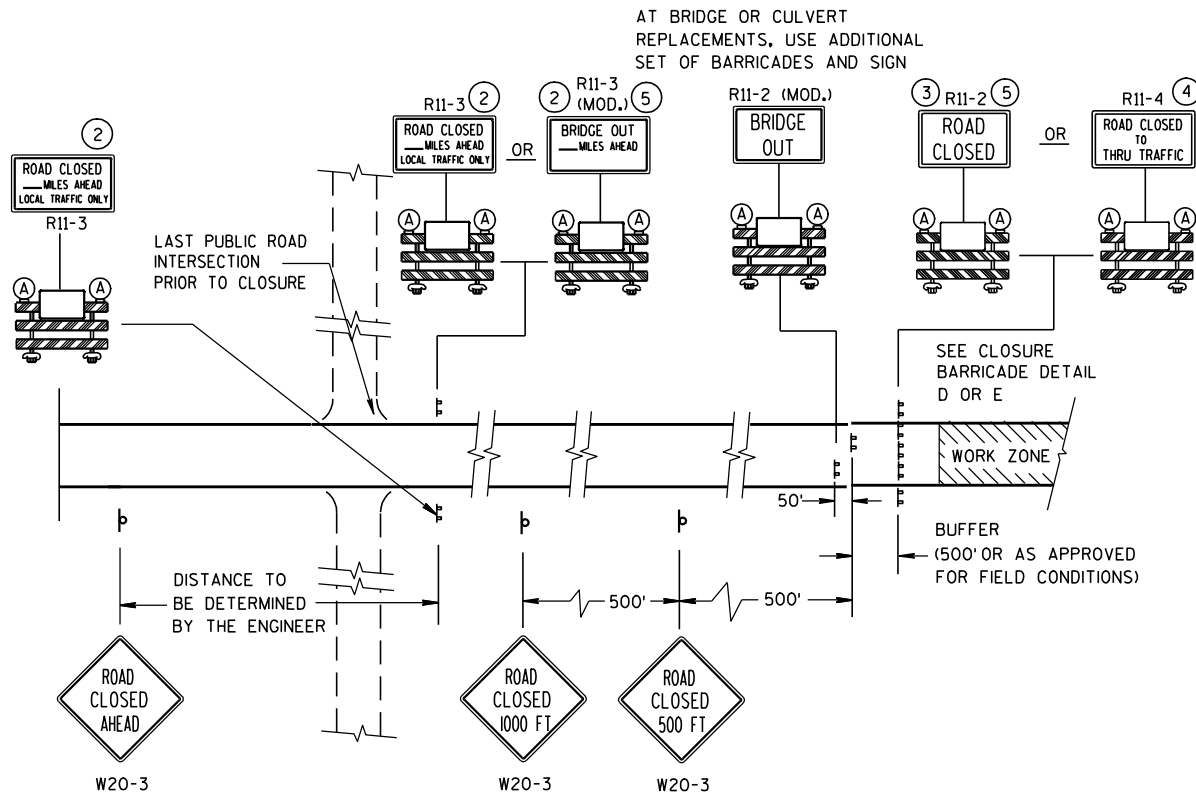
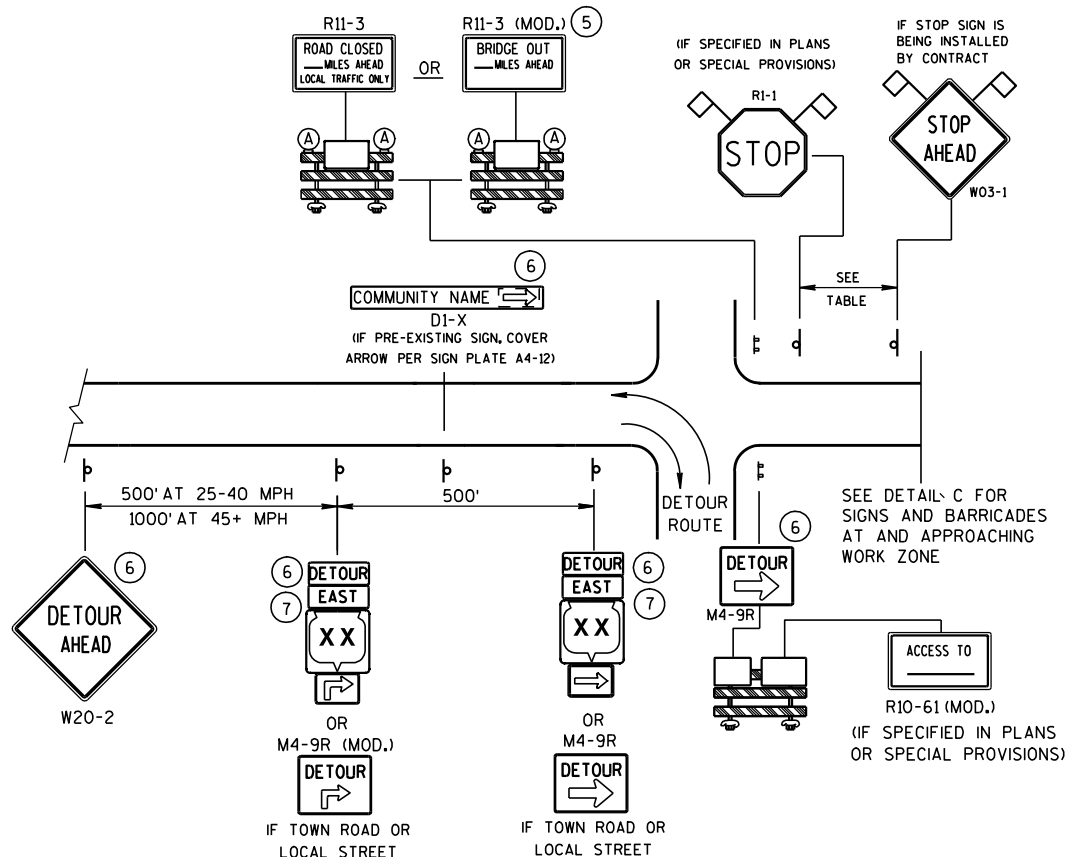
INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

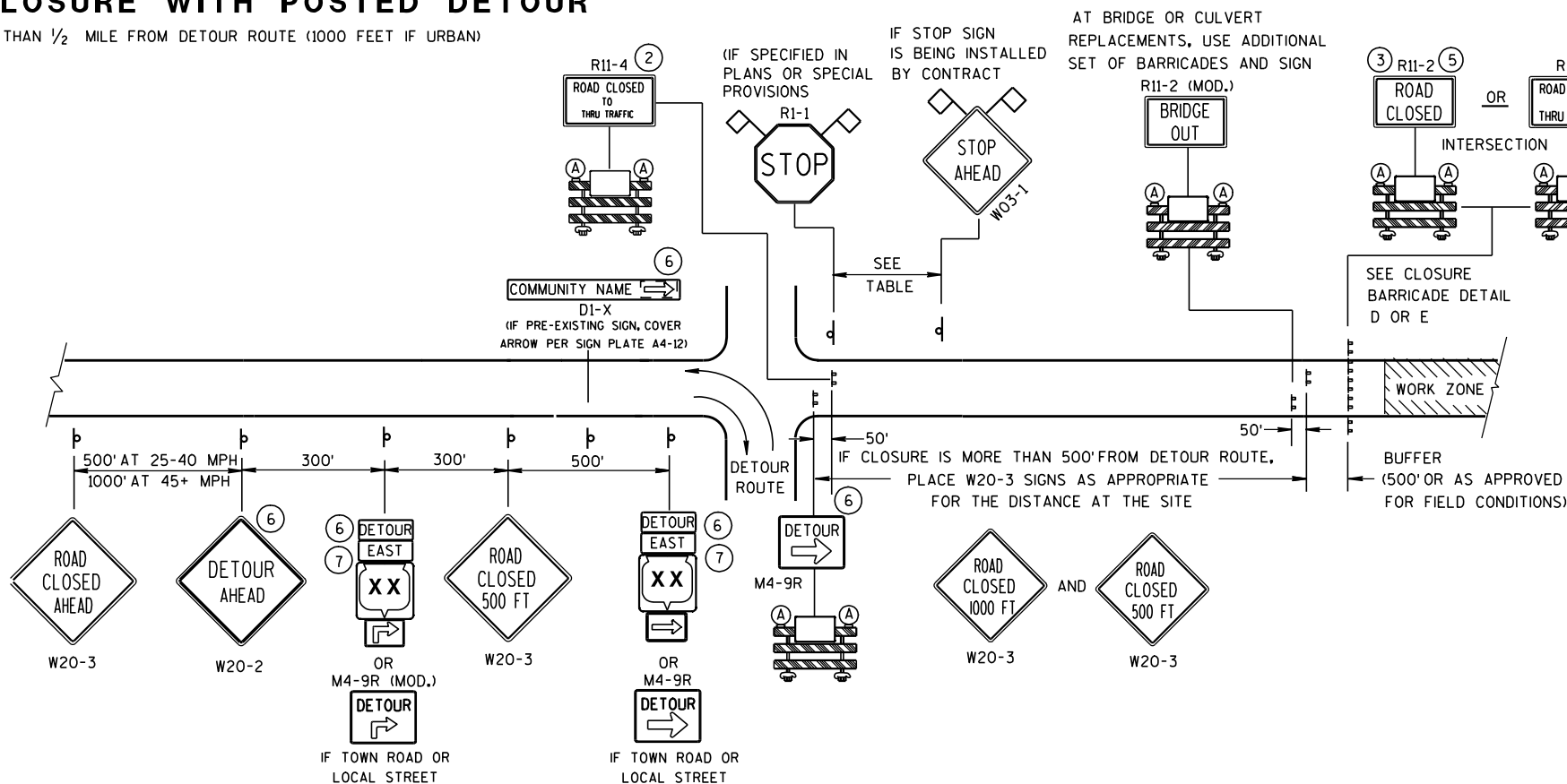
**INLET PROTECTION
TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02 /S/ Beth Cannestra
DATE
FHWA CHIEF ROADWAY DEVELOPMENT ENGINEER



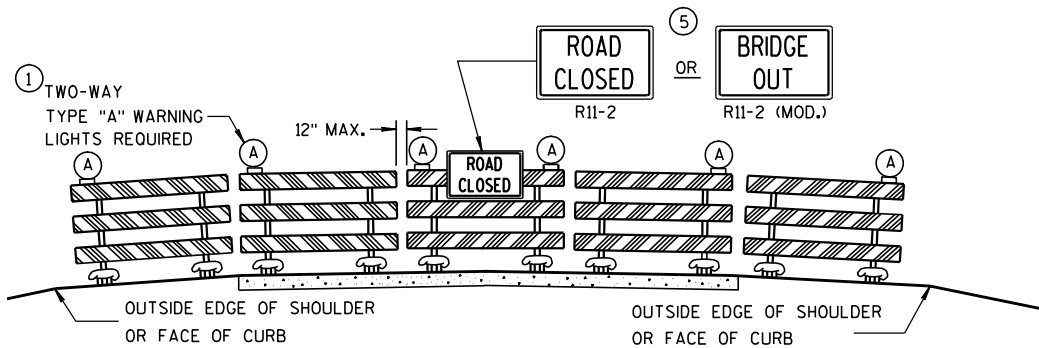
SEE SDD 15C2-4b
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦



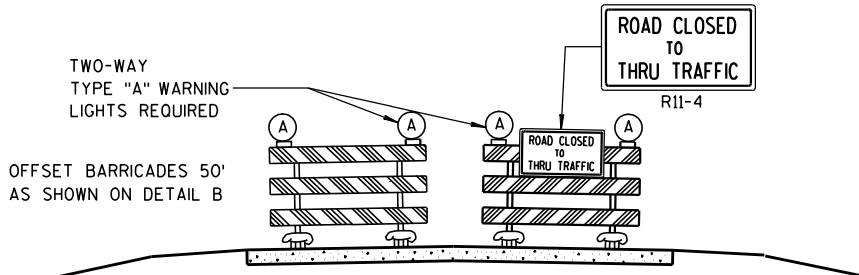
- LEGEND**
- POST MOUNTED SIGN
 - TYPE III BARRICADES
 - TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
 - WORK ZONE
 - DETOUR EAST M4-8 M3-X
 - MI-4 OR MI-5A OR MI-6
 - MO5-1 OR MO6-1
 - FLAGS, 16" X 16" MIN., (ORANGE)

**BARRICADES AND SIGNS
FOR
MAINLINE CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2-4a 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.

THE REFLECTIVE SHEETING USED ON R11-2, R11-3, R11-4, R10-61 AND R1-1 SIGNS SHALL COMPLY WITH SUBSECTION 637.2.2.2 OF THE STANDARD SPECIFICATIONS.

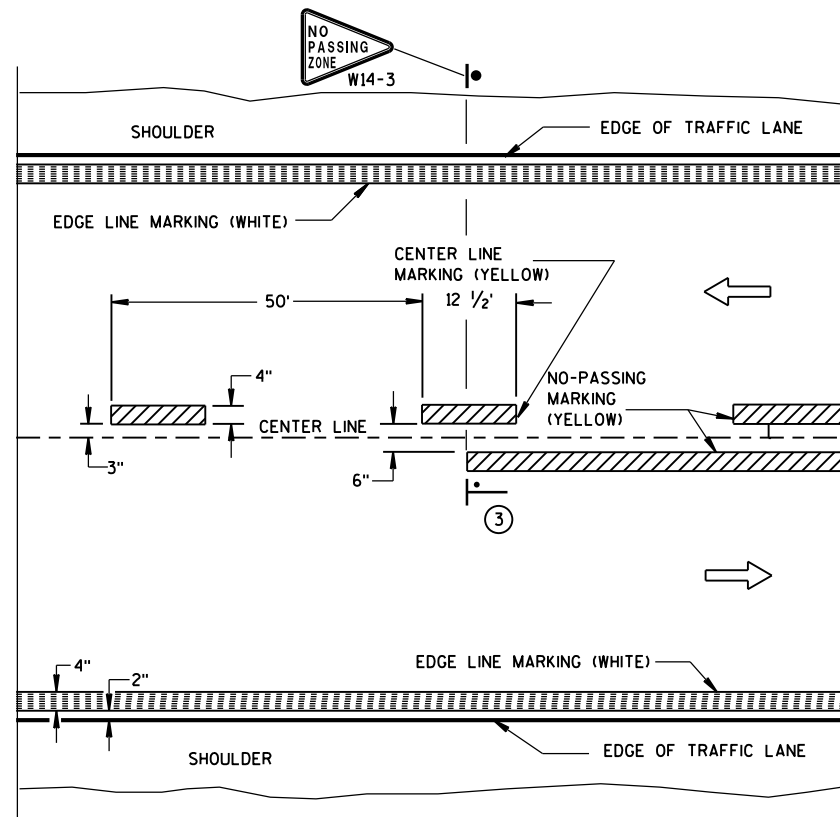
"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

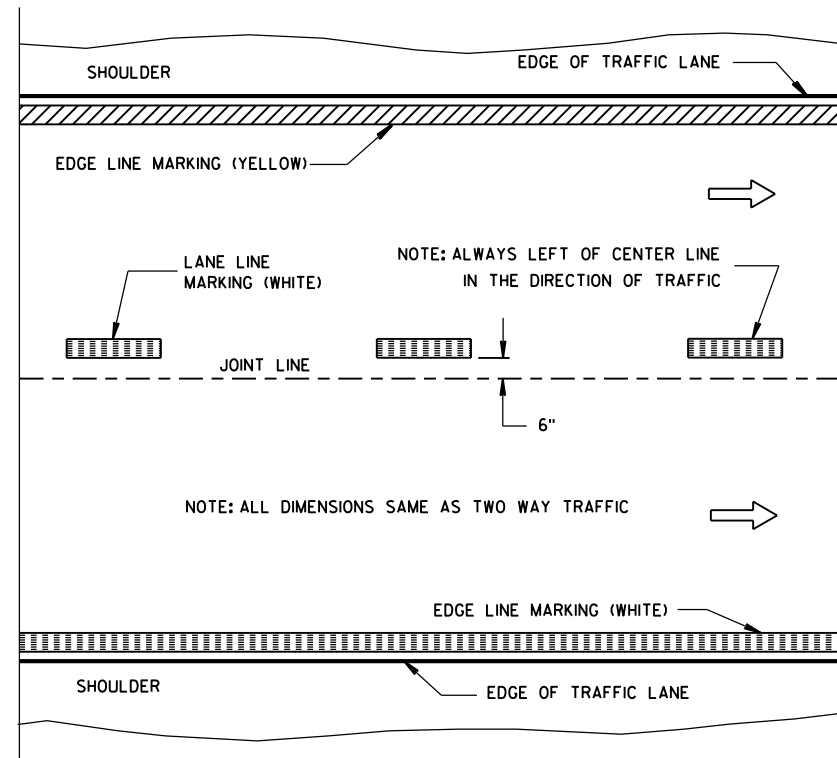
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X AND M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 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	
APPROVED	
9/16/03 DATE	/S/ Thomas N. Notbohm CHIEF SIGNS AND MARKING ENGINEER
FHWA	

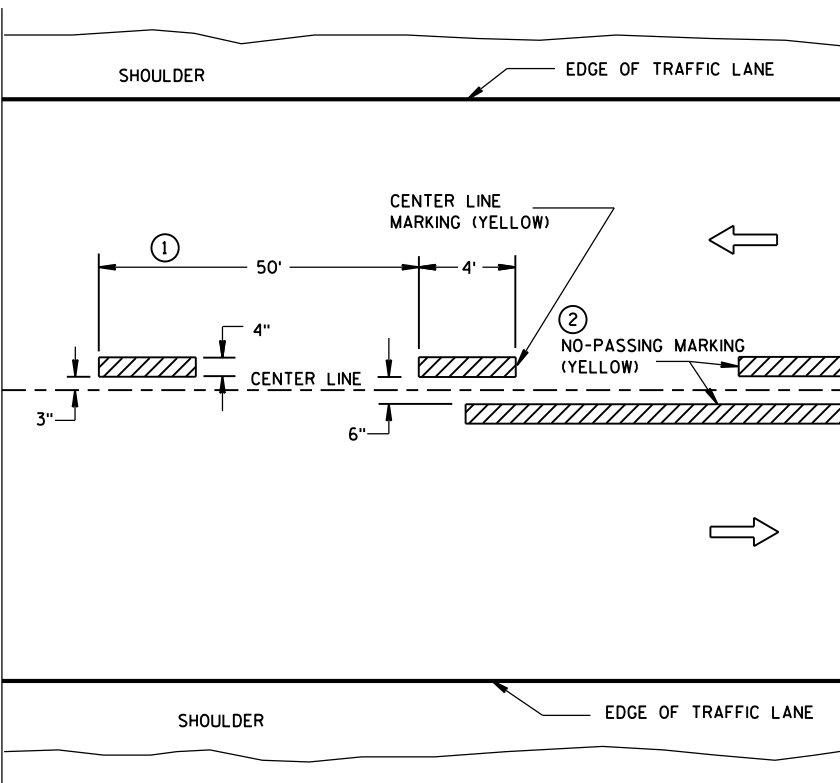


TWO WAY TRAFFIC

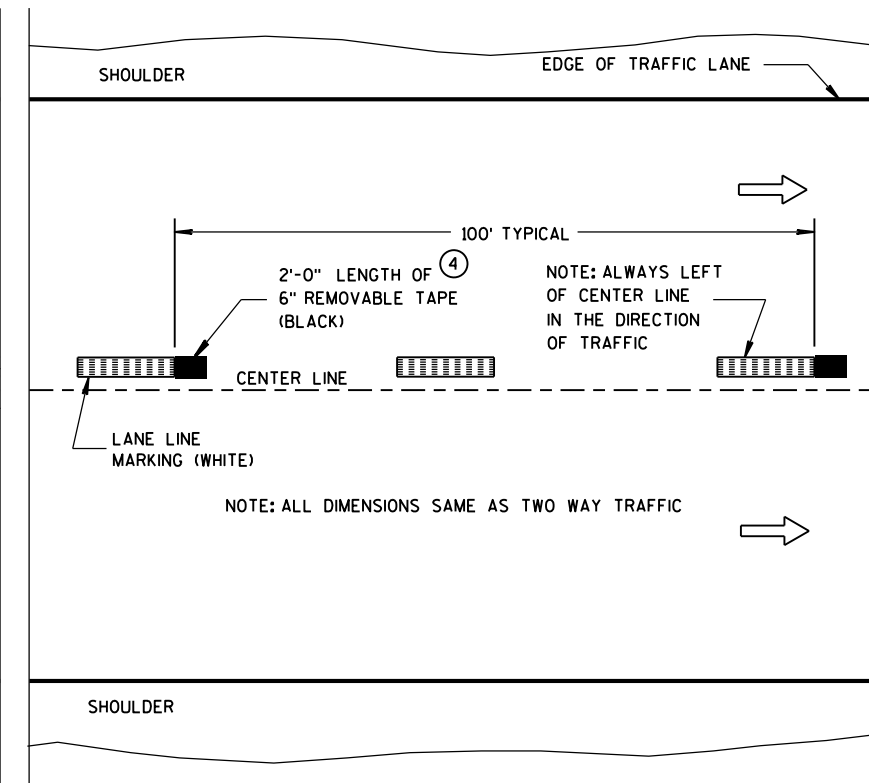


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

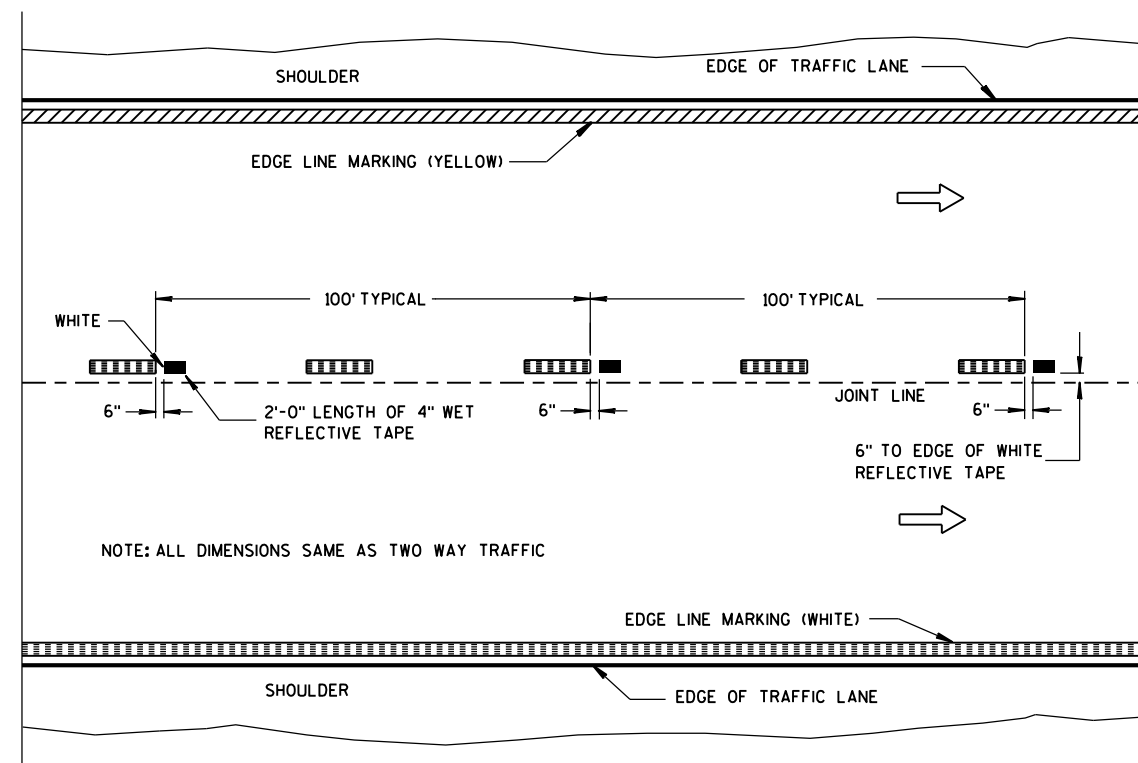
GENERAL NOTES

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

- ① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
- ③ NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
- ④ CONCRETE ONLY.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

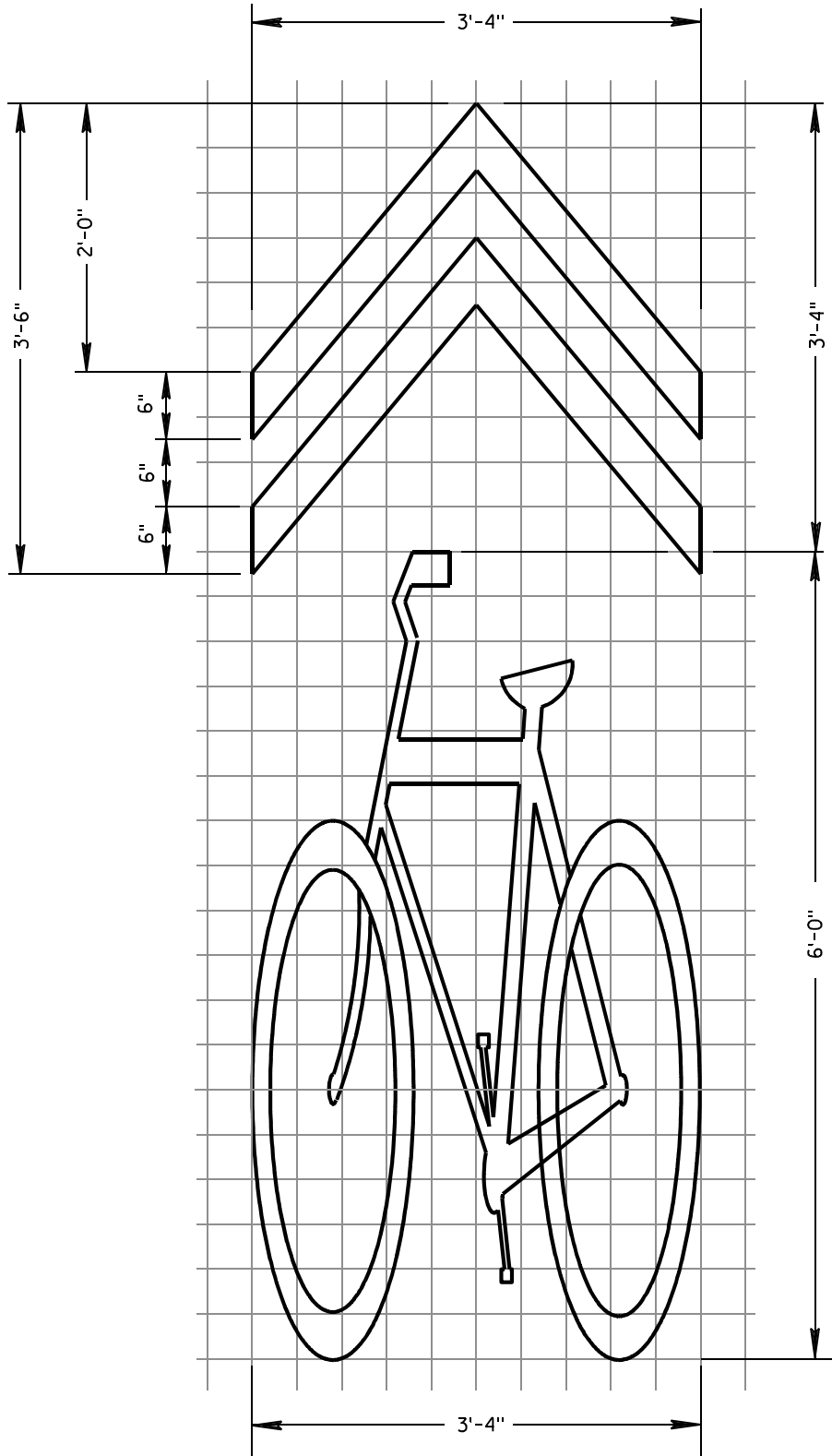
LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-1-2012 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA

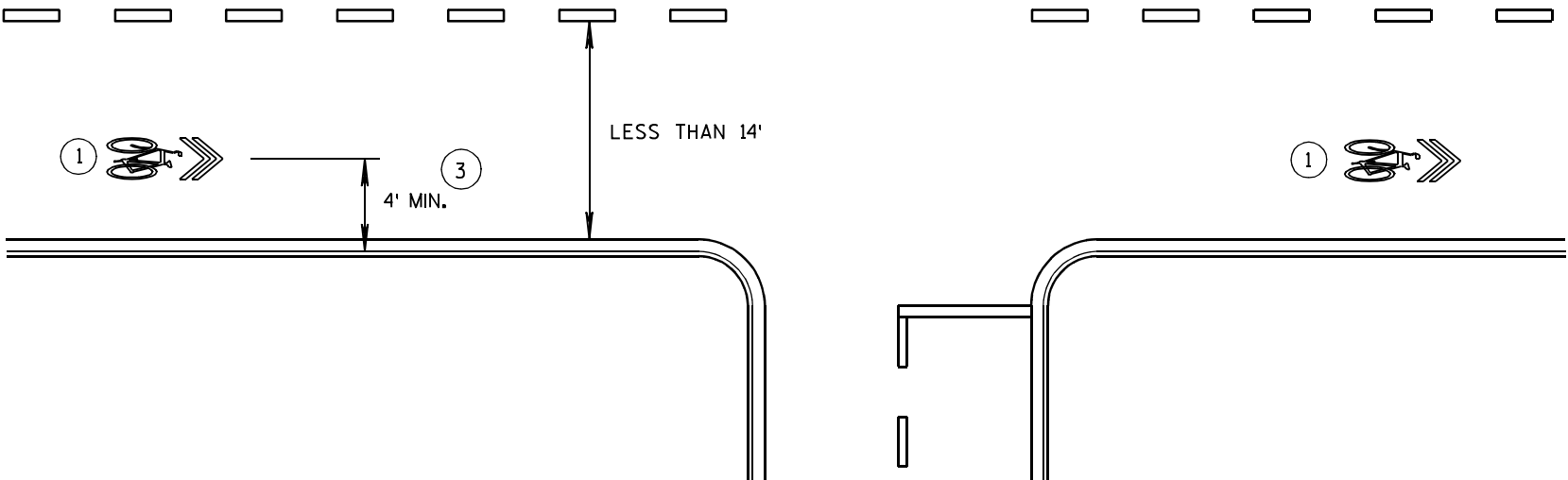


BIKE SYMBOL FOR SHARED LANE

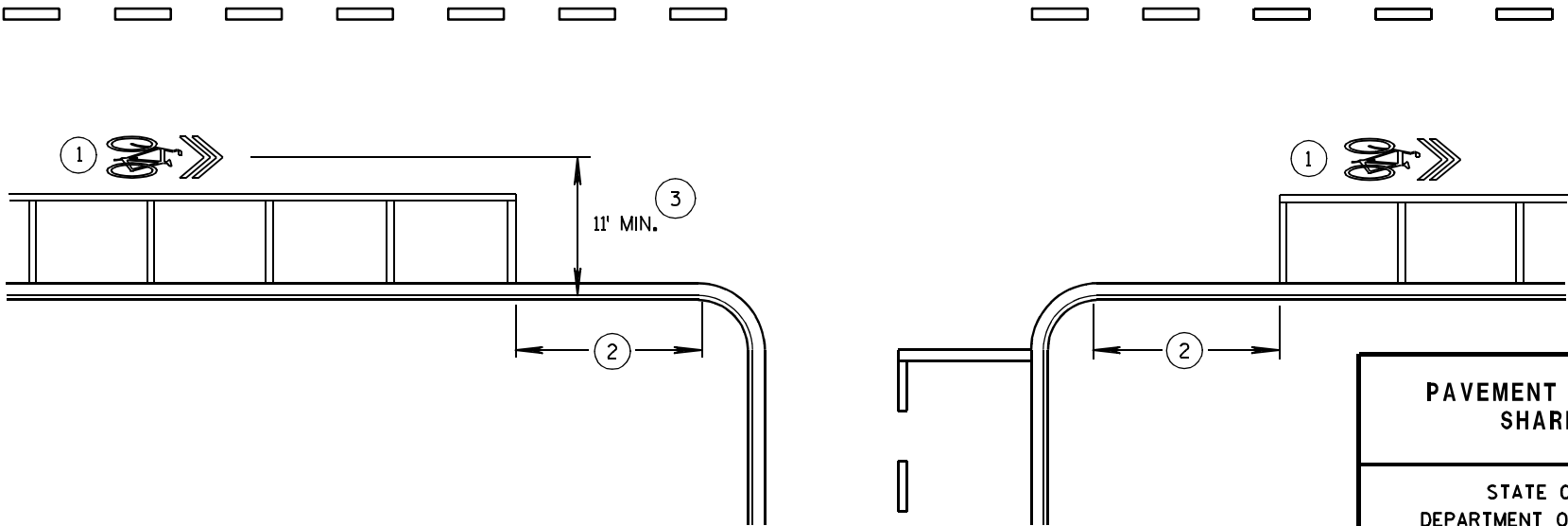
GENERAL NOTES

ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

- ① SPACED A MAXIMUM OF 250 FEET.
- ② 20 FOOT MINIMUM FROM CURB RADIUS.
- ③ OR TO EDGE OF PAVEMENT WITHOUT CURB.



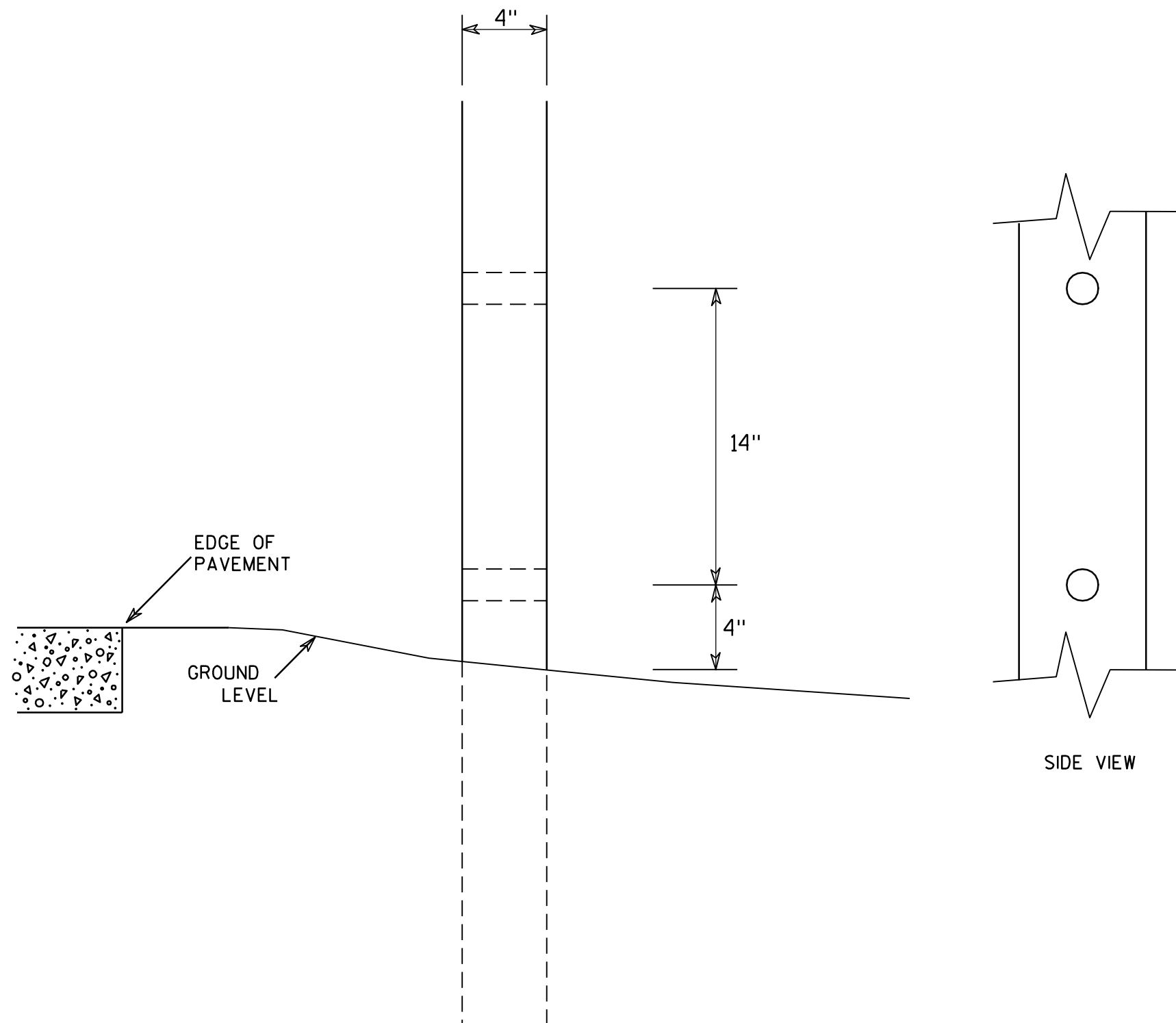
WITHOUT PARKING



WITH PARKING

PAVEMENT MARKING FOR SHARED LANE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-6-2012 DATE	/S/ Thomas N. Notbohm STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

7



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

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chester J. Spang
for State Traffic Engineer

DATE 3/27/97

PLATE NO. A4-11.2

PROJECT NO:

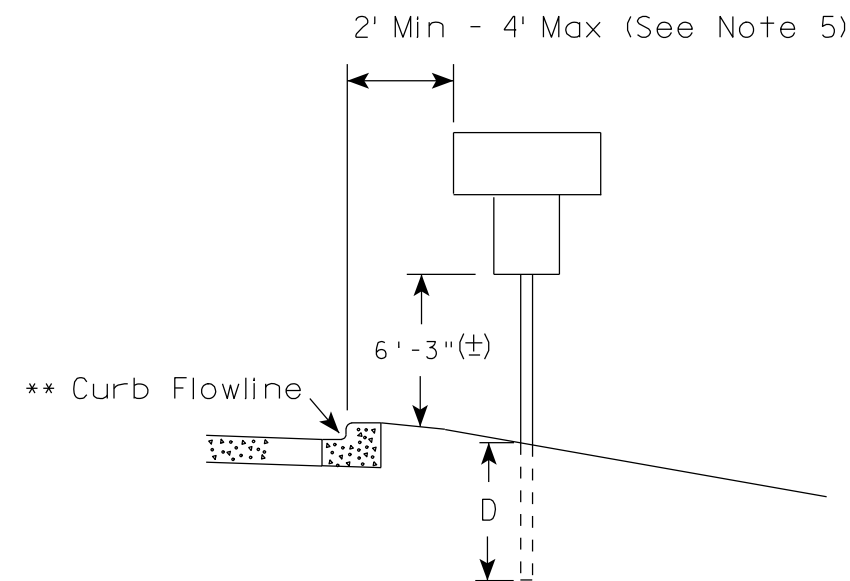
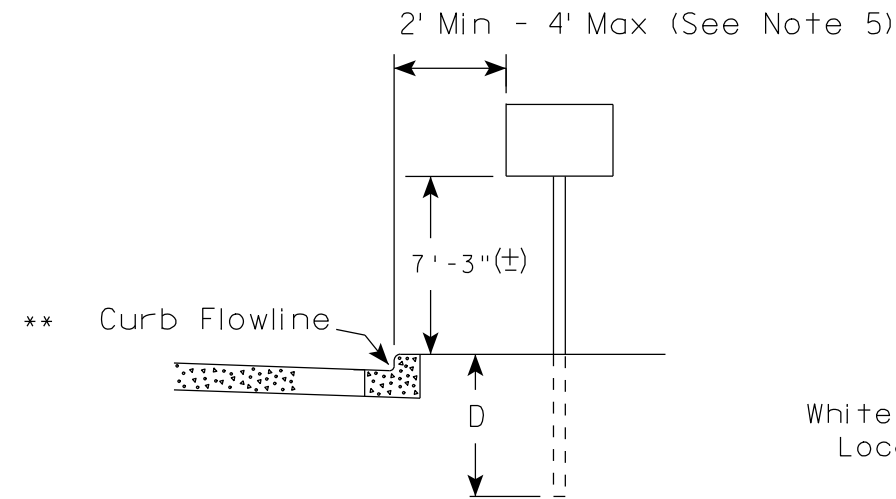
HWY:

COUNTY:

SHEET NO:

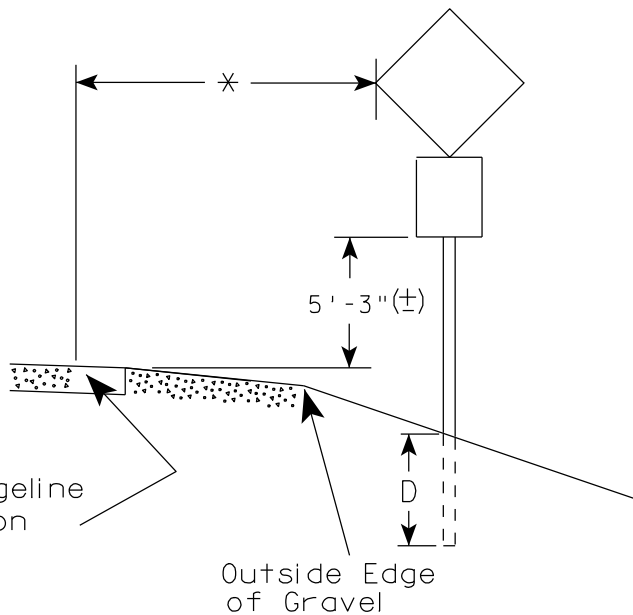
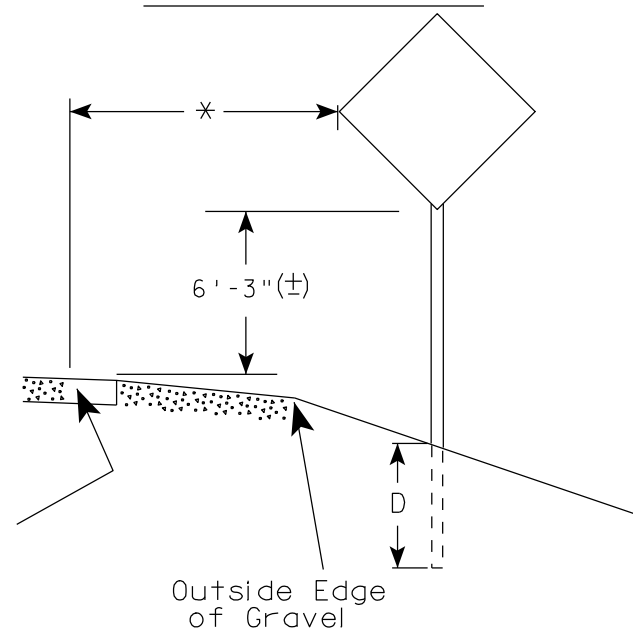
E

URBAN AREA



White Edgeline Location

RURAL AREA (See Note 2)



White Edgeline Location

Outside Edge of Gravel

- ### GENERAL NOTES
1. Signs wider than 4 feet or larger than 20 sq. ft. 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 (A4-5) 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 stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed 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) & End of Road Markers (W5-56 & W5-56A) 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 5/15/2013 PLATE NO. A4-3.17

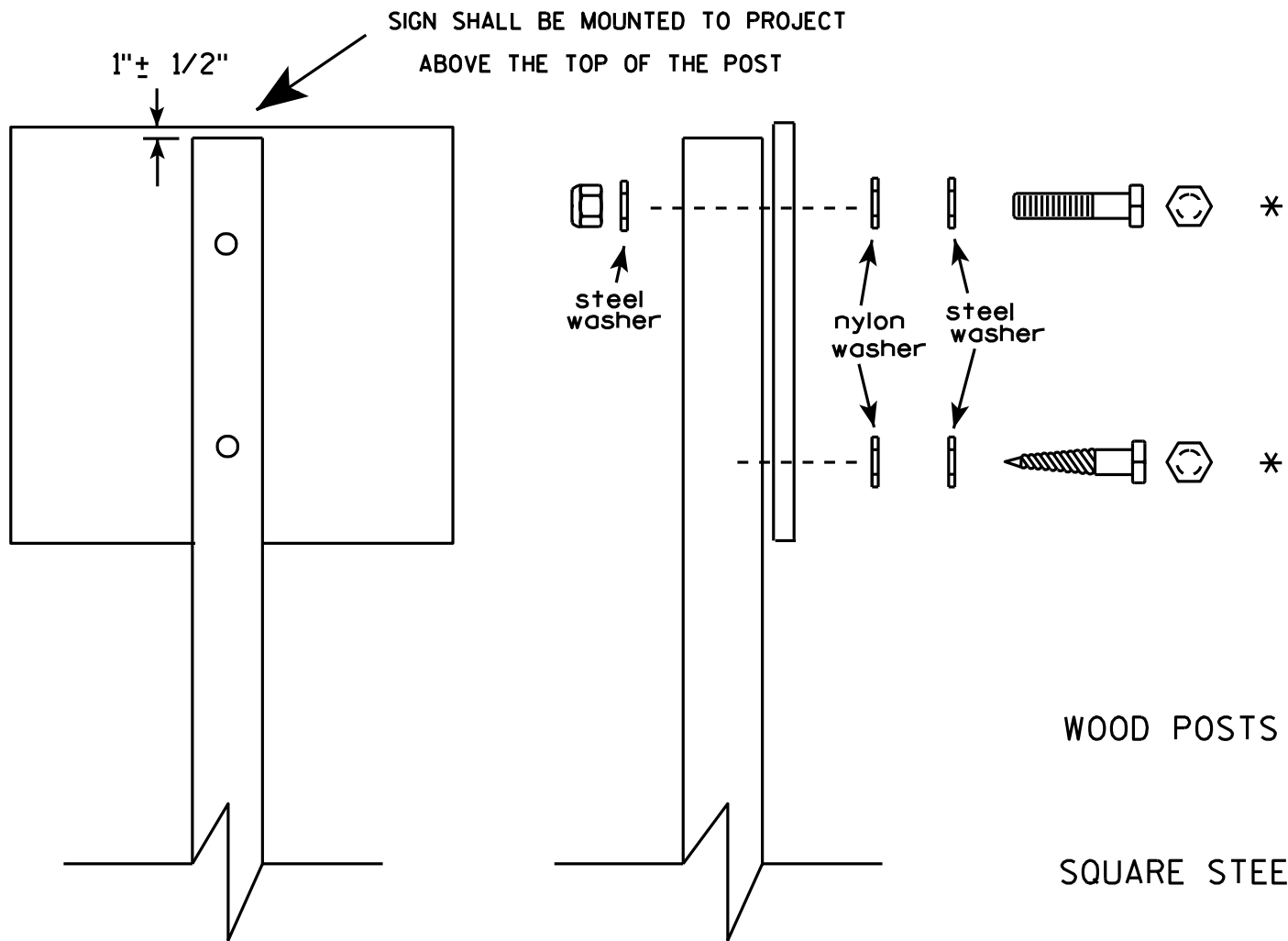
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

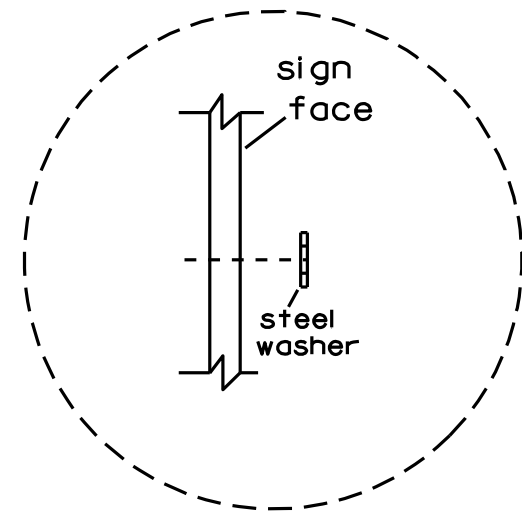


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- 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.

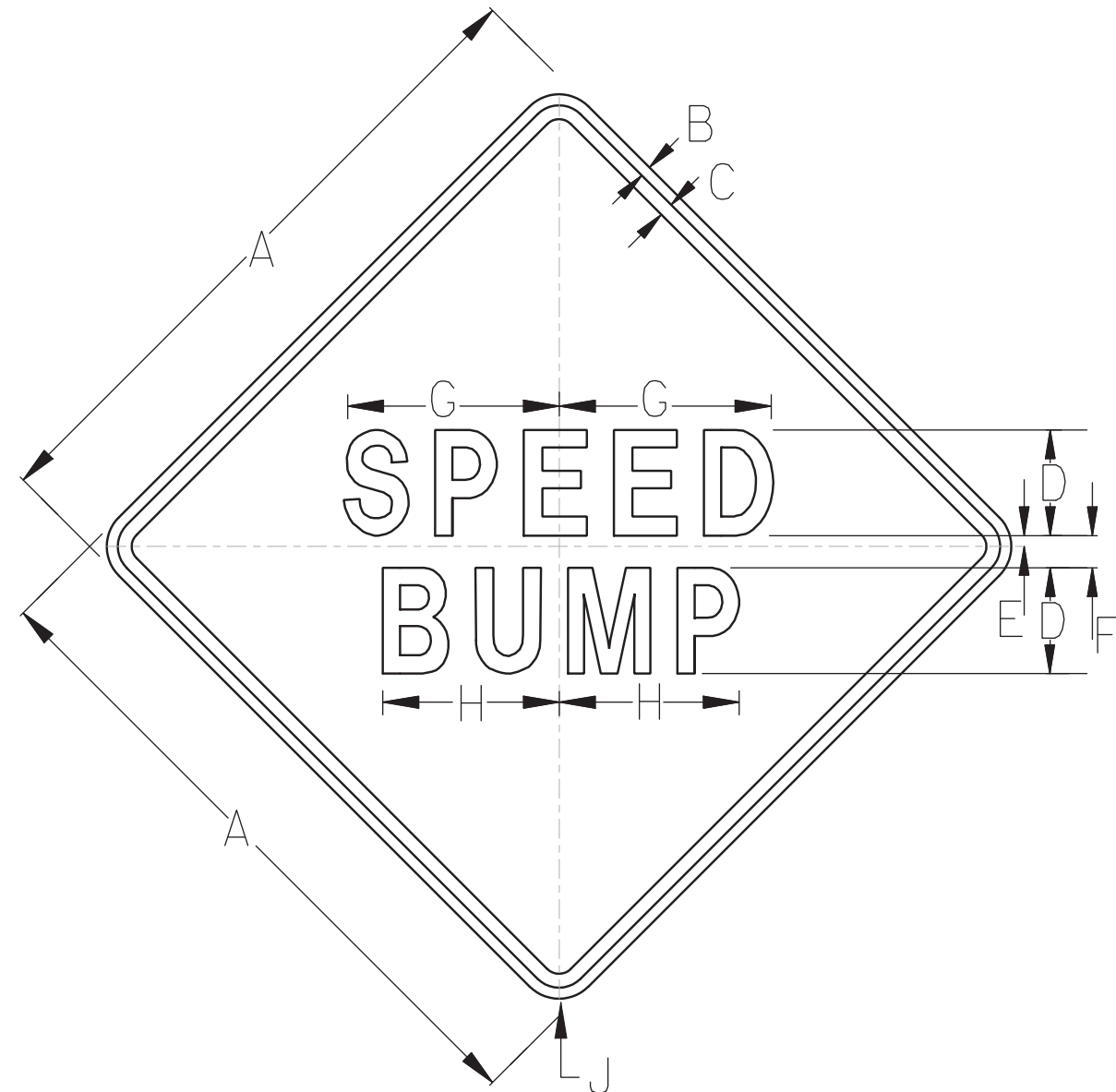
- WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 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	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/23/10	PLATE NO. A4-8.7

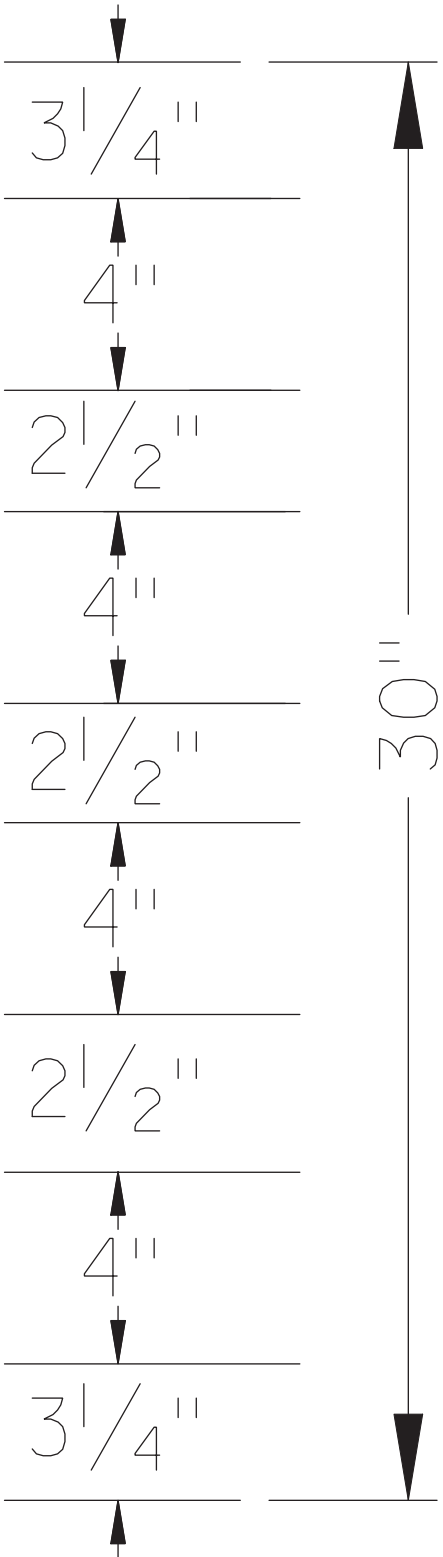
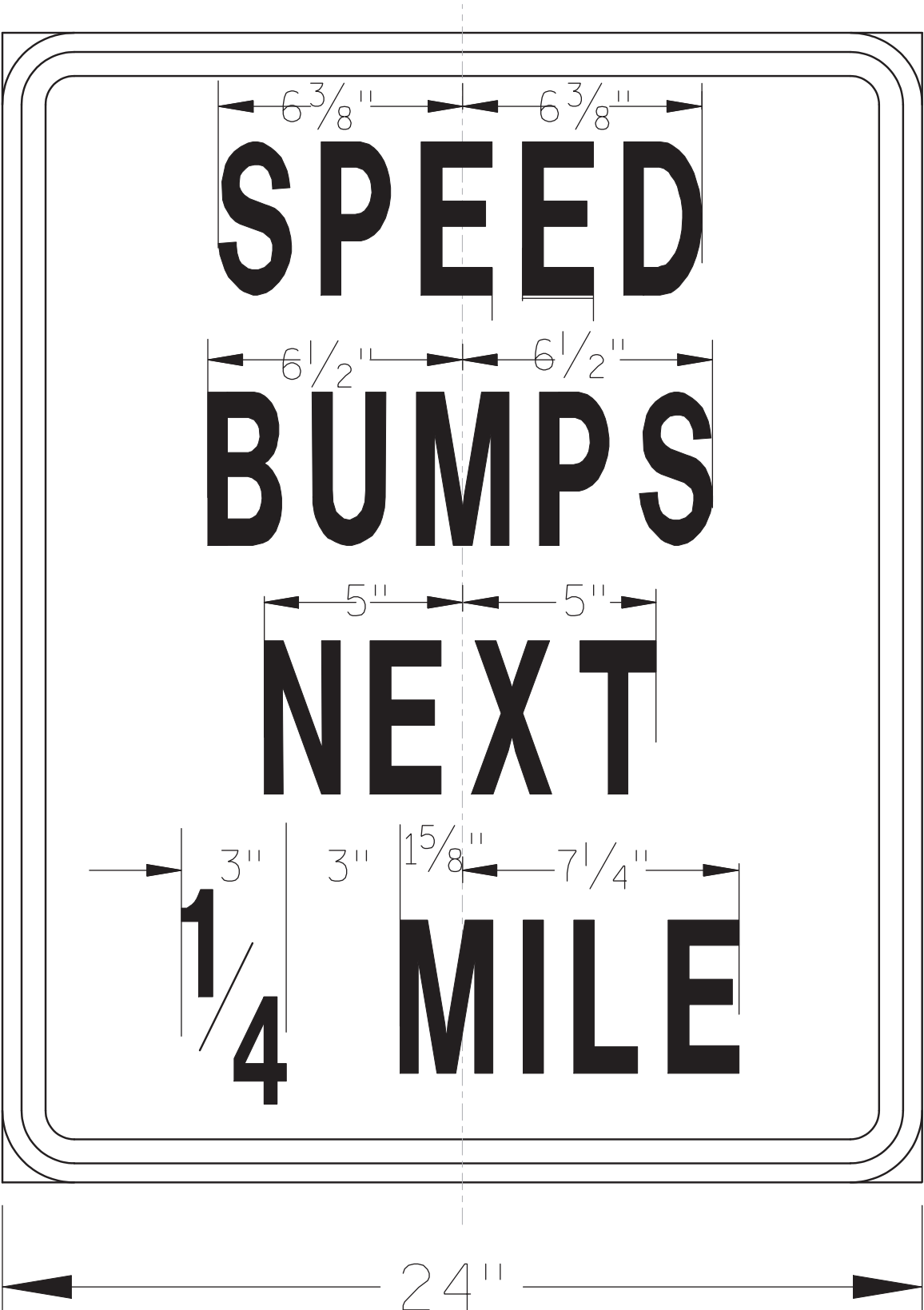


W17-1
SPEED HUMP, SUBSTITUTE 'BUMP' FOR HUMP

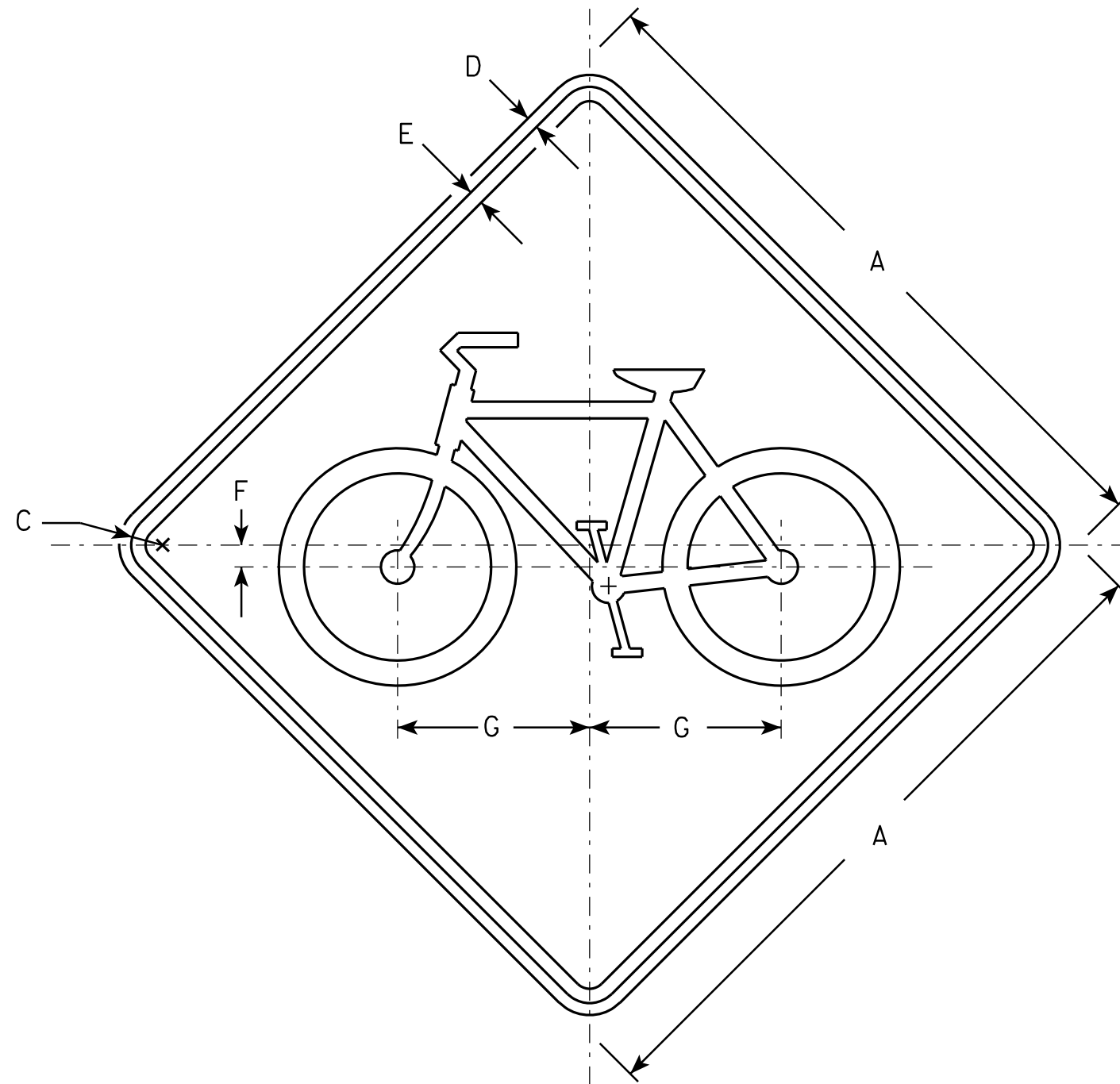
SIZE	A	B	C	D	E	F	G	H	J
1	24	0.375	0.625	4	0.25	2	7.845	7.045	1.5
2	30	0.5	0.75	5	0.5	2.5	9.827	8.826	1.875
3	36	0.625	0.875	6	0.75	3	11.788	10.588	2.25

GENERAL NOTES:

- 1. DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIRMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE PLANS.
- 2. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET ARE "SIGNS, TYPE II".
- 3. UNLESS OTHERWISE NOTED, TYPE I AND TYPE II SIGNS ON THIS SHEET SHALL HAVE "TYPE H REFLECTIVE SHEETING" AND, "TYPE H MESSAGE MATERIAL".
- 4. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET SHALL HAVE A YELLOW BACKGROUND AND BLACK MESSAGE.
- 5. ALL UPPER CASE MESSAGE (EXCEPT ON SHIELDS OR WHERE OTHERWISE NOTED) SHALL BE "SERIES E, MODIFIED". ALL LOWERCASE MESSAGE WITH AN INITIAL UPPERCASE LETTER SHALL BE "SERIES E, MODIFIED".
- 6. DO NOT SCALE.



- GENERAL NOTES:**
1. DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIRMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE PLANS.
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 6. DO NOT SCALE.



W11-1

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. 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	3/4	1/2	3/4	6 5/8																				4.0
2S	30		1 3/8	1/2	5/8	1	8 1/2																				6.25
2M	36		1 5/8	5/8	3/4	1 1/4	10																				9.0
3	36		1 5/8	5/8	3/4	1 1/4	10																				9.0
4	48		2 1/4	3/4	1	1 5/8	13 3/8																				16.0
5																											16.0

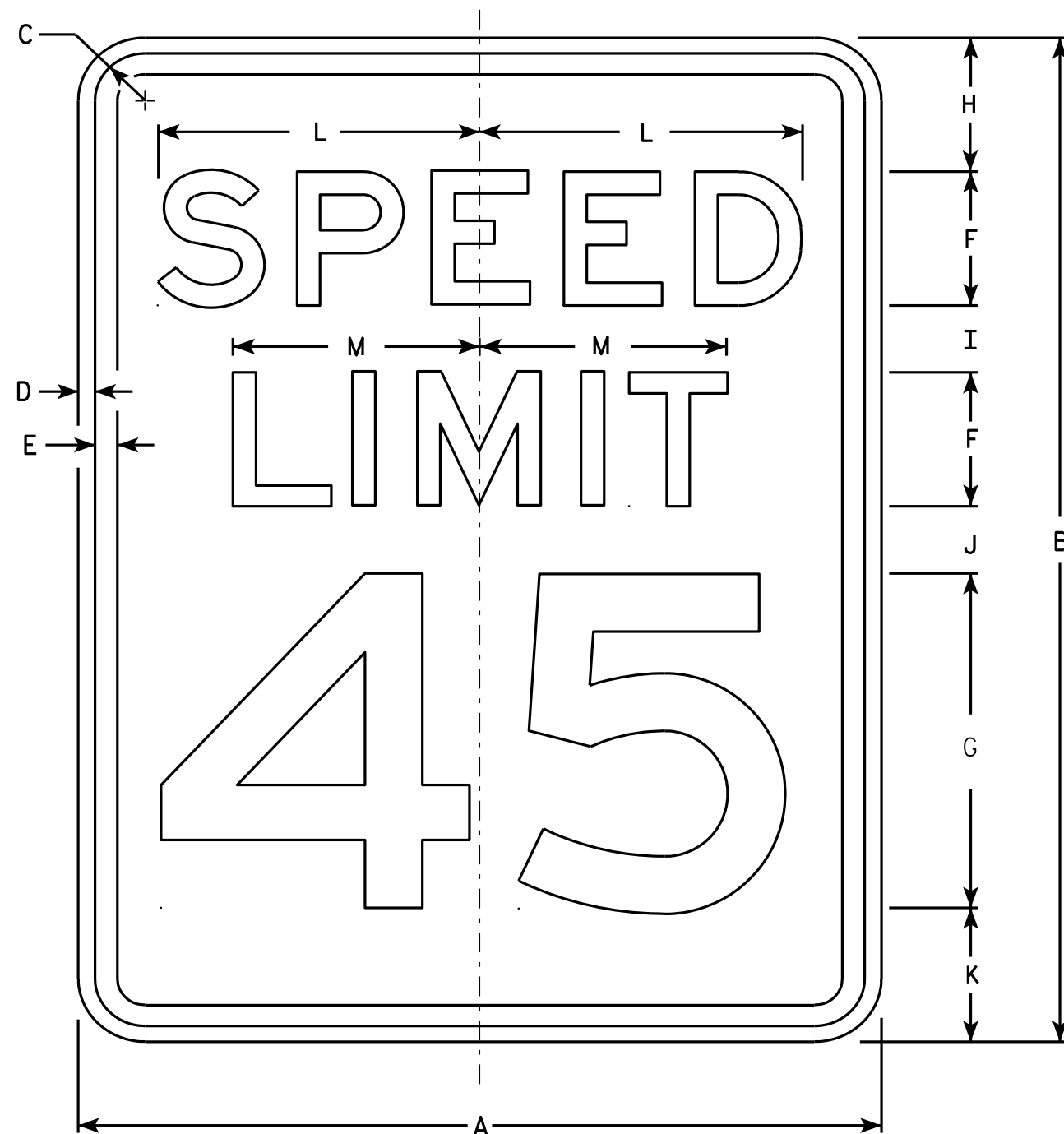
STANDARD SIGN
W11-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 12/21/10 PLATE NO. W11-1.9

PROJECT NO: HWY: COUNTY: SHEET NO: E



R2-1

NOTES

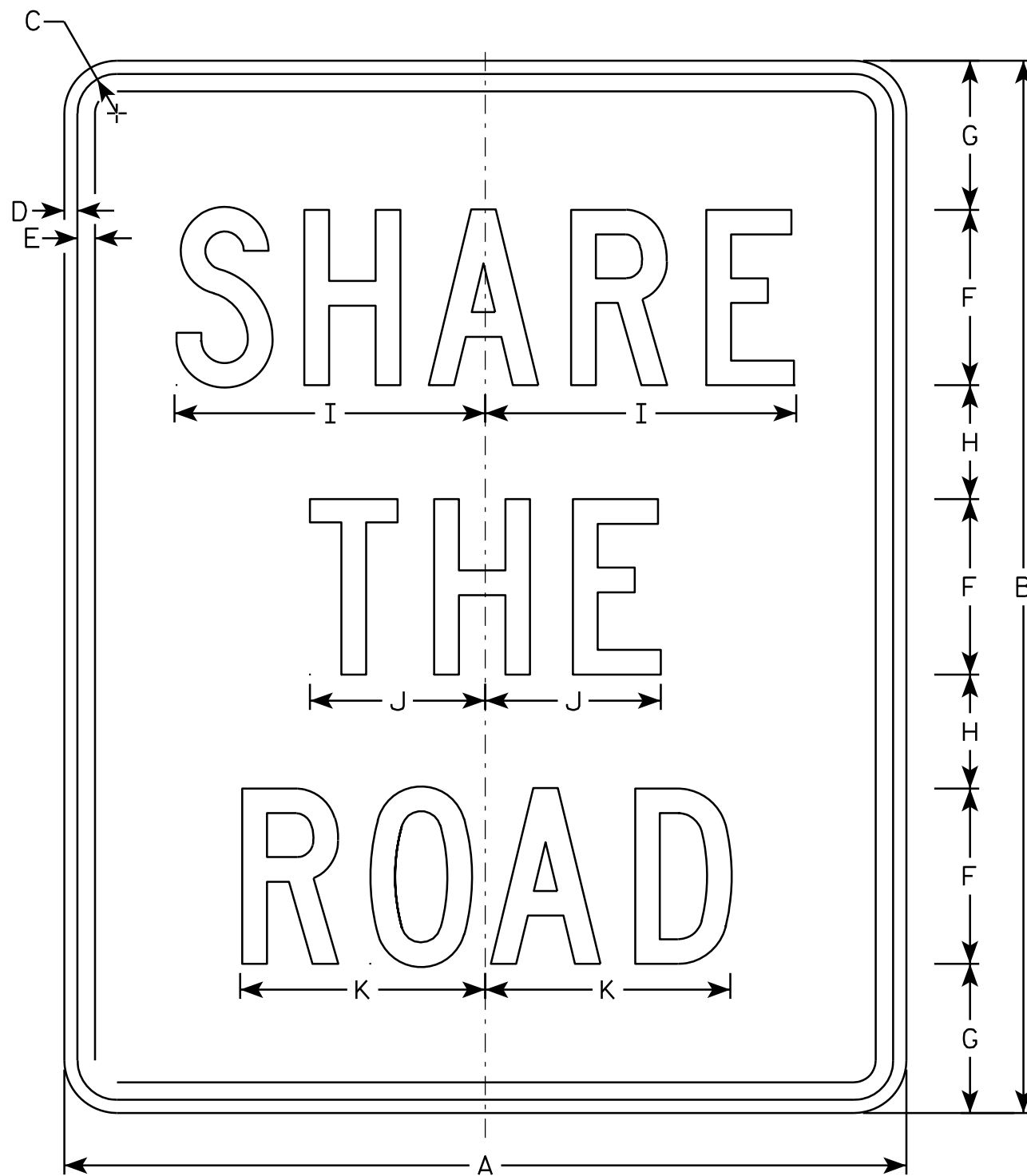
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as 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: E



W16-1P

NOTES

1. Sign is Type II - Type H 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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	18	24	1 1/8	3/8	1/2	4	3 3/8	2 5/8	6 5/8	3 3/4	5 3/8																3.0
2M	18	24	1 1/8	3/8	1/2	4	3 3/8	2 5/8	6 5/8	3 3/4	5 3/8																3.0
3	24	30	1 1/8	3/8	1/2	5	4 1/4	3 1/4	8 7/8	5	7																5.0
4	24	30	1 1/8	3/8	1/2	5	4 1/4	3 1/4	8 7/8	5	7																5.0
5																											

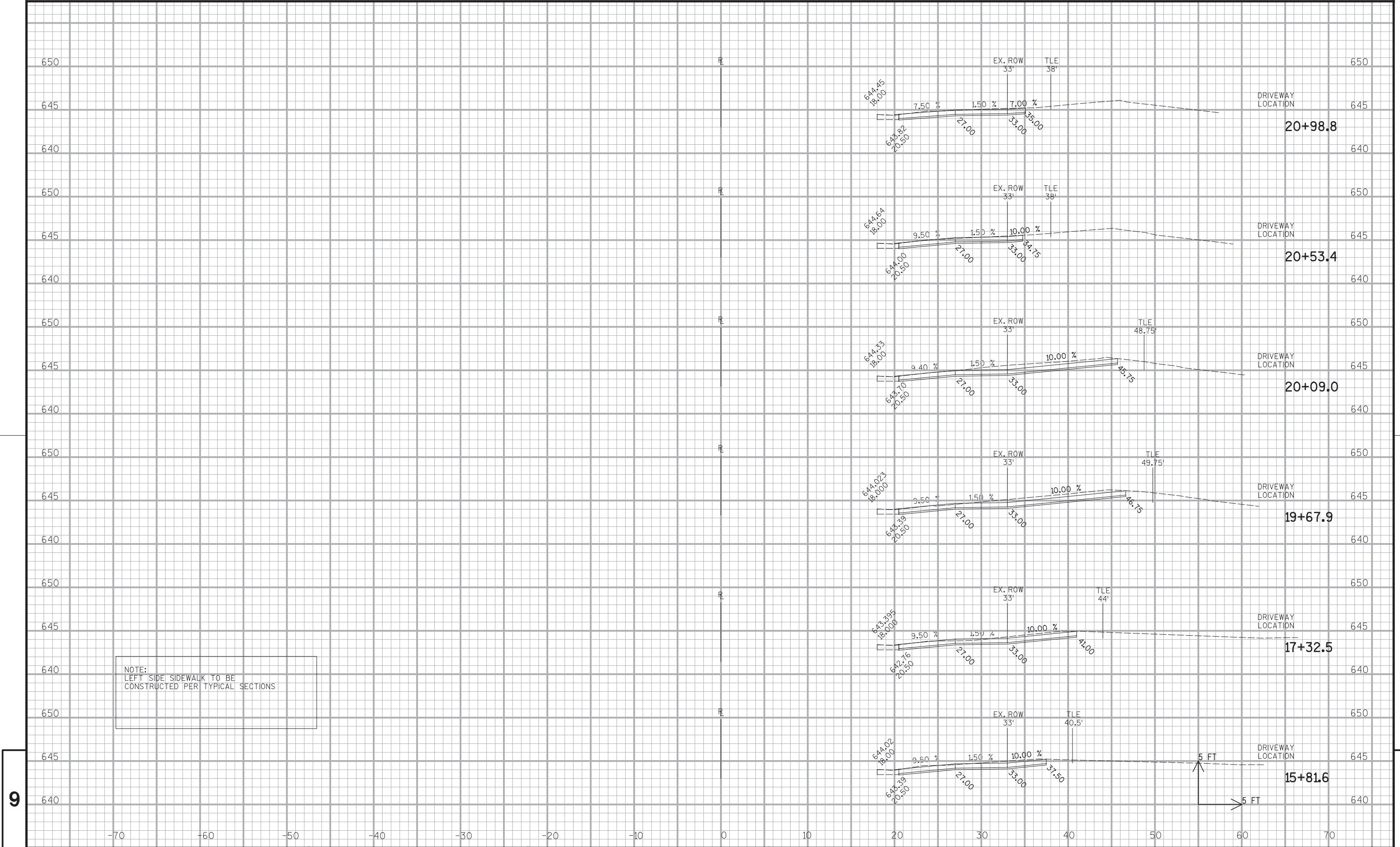
STANDARD SIGN
W16-1P

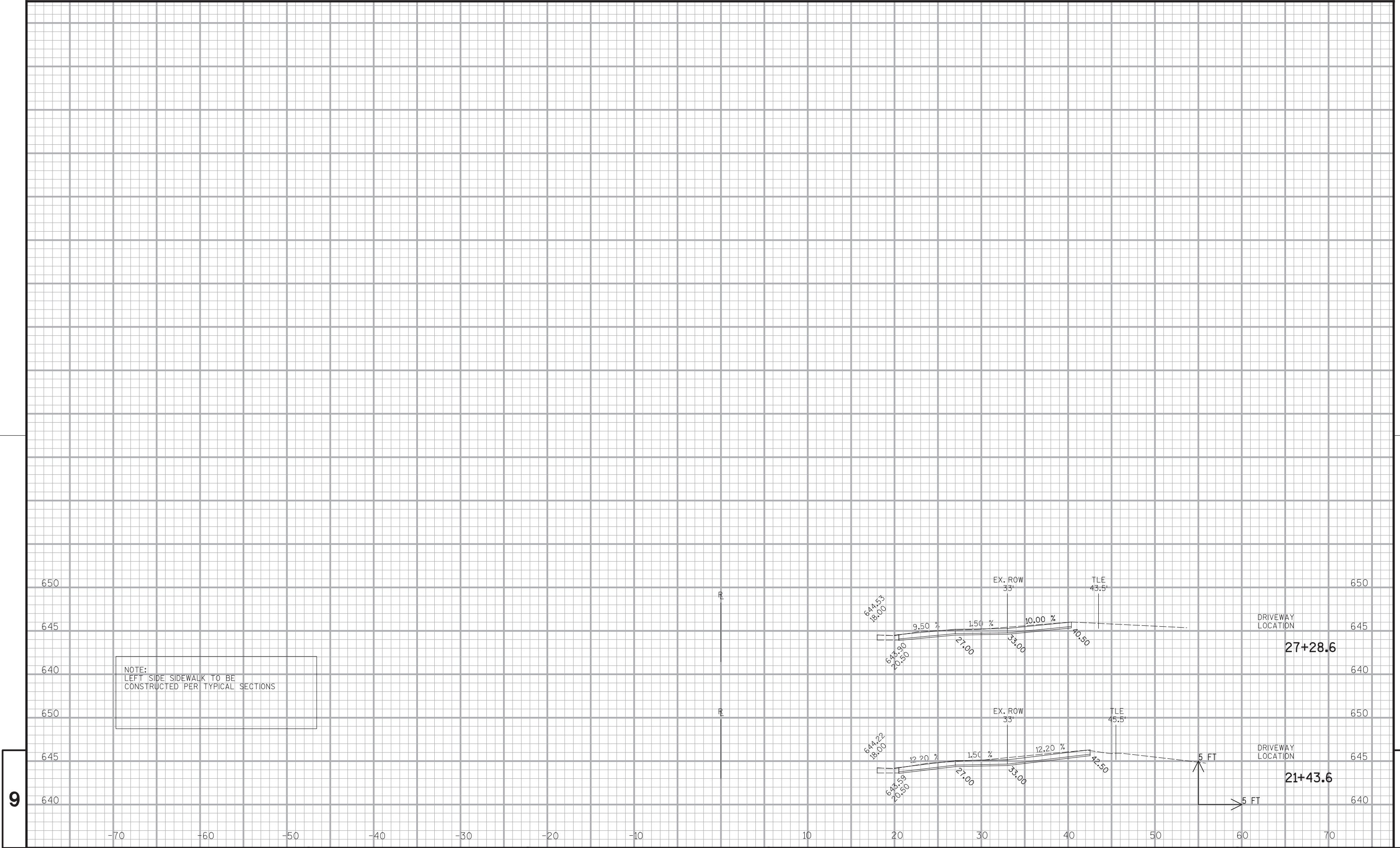
WISCONSIN DEPT OF TRANSPORTATION

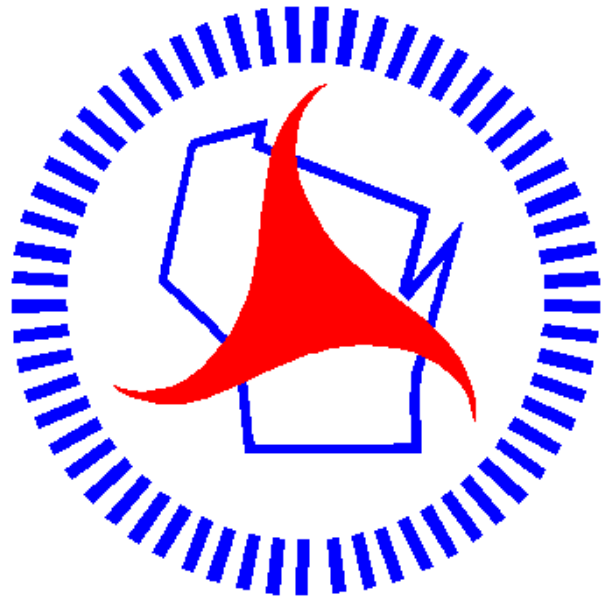
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 6/2/10 PLATE NO. W16-1P.1

PROJECT NO: HWY: COUNTY: SHEET NO: E







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