Section No.

Section No.

TOTAL SHEETS = 38

A.D.T. 2011

A.D.T. 2032 D.H.V.

DESIGN SPEED

CORPORATE LIMITS

PROPERTY LINE

CONVENTIONAL SYMBOLS

LIMITED HIGHWAY EASEMENT

PROPOSED OR NEW R/W LINE

EXSTING RIGHT OF WAY

SLOPE INTERCEPT

REFERENCE UNE

EXISTING CULVERT

PROPOSED CULVERT (Box or Pps)

COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

0.0.

ESALS

PLAN

I OT LINE

Standard Detail Drawings

DESIGN DESIGNATION - N. MILWAUKEE STREET

= 5,900 = 6,800

= 4.8 = 59/41

= 4.0

= 30 MPH

1111111

PL + 58.1

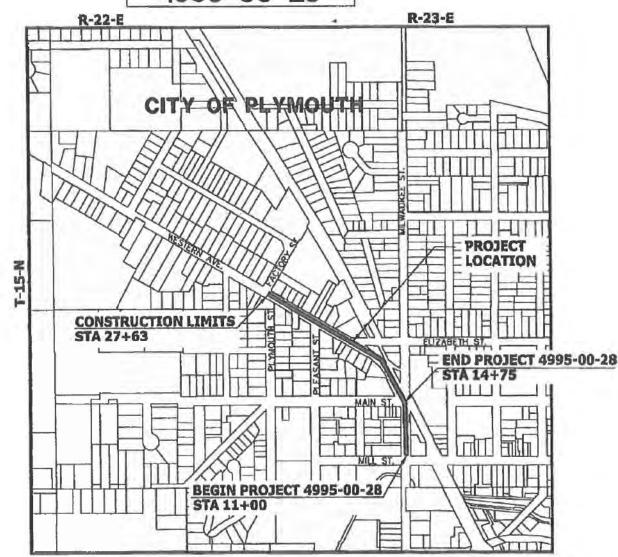
803,000

STATE OF WISCONSIN ORDER OF SHEETS DEPARTMENT OF TRANSPORTATION Typical Sections and Details Estimate of Quantities Miscellaneous Quantities C. PLYMOUTH, MILWAUKEE ST.

MILL ST. - MAIN ST. LOCAL STREET

SHEBOYGAN COUNTY

STATE PROJECT NUMBER 4995-00-28



LAYOUT 0.088 MI

TOTAL NET LENGTH OF CENTERLINE = 0.071 MI (URBAN)

Harizontal datum is based on the Waconsin State Plane Coordinate System Grid, south zone (NAD-27). All bearings are

Coordinates shown on plan are grid coordinates.

Combination scale and sea level reduction factor: 0.99990716

Elevations are based on NGVD 1929.

ORIGINAL PLANS PREPARED BY STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED BY Kepur & Assoc., Inc. 5. rveyor Kapur & Assoc., Inc. APPROVED FOR THE DEPARTMENT

ACCEPTED FOR

FEDERAL PROJECT

CONTRACT

PROJECT

WISC 2014304

STATE PROJECT

4995-00-28

FILENAME: S: \DOT\OOT_NE\130193 - ID 4995-00-28 N Mil St - STP-U\Design\130193_ COVER-DETAILS.dwg

PROFILE

GRADE LINE

ORIGINAL GROUND

SPECIAL DITCH

UTILITIES

ELECTRIC

FIBER OPTIC

SANITARY SEWER

UTILITY PEDESTAL

TELEPHONE POLE

POWER POLE

GRADE ELEVATION

CULVERT (Profile View)

MARSH OR ROCK PROFILE

(To be noted as such)

LABEL

0 🛛

X

d

Ø

WISDOT/CADDS SHEET 10

E

PROJECT SEQUENCING NOTES

AFTER BIDS ARE RECEIVED AND A CONTRACTOR IS SELECTED, ENGINEER WILL SET BENCHMARKS AND DO STAKING NECESSARY TO ESTABLISH PRIMARY LINE AND GRADE FOR CONTRACTOR'S USE. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES PER WDNR TECHNICAL STANDARDS.

THE TIMING AND SEQUENCE OF CONSTRUCTION IS SCHEDULED AS FOLLOWS:

- 1. INLET FILTER PROTECTION TO BE INSTALLED AND MAINTAINED IN LOCATIONS AS INDICATED IN PROJECT PLANS.
- 2. IF ANY PORTION OF THE SITE IS LEFT UNDISTURBED/UNWORKED FOR A PERIOD OF 30 DAYS IT SHALL BE TEMPORARILY STABILIZED WITH A TEMPORARY SEED AND
- 3. FINAL SITE STABILIZATION SHALL CONSIST OF PLACEMENT OF TOPSOIL, SEED, AND MULCH PER PROJECT PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING SEED FOR PROPER GERMINATION IN A MANNER TO AVOID SEDIMENTATION AND RUNOFF
- 4. INLET FILTER PROTECTION SHALL NOT BE REMOVED UNTIL SITE IS CONSIDERED 80% STABILIZED WITH DESIRABLE PLANT SPECIES IN AREAS STABILIZED.
- 5. OVER NIGHT STORAGE OF EQUIPMENT SHALL BE PLACED IN STAGING AREAS OUTSIDE OF AREA WETLANDS, WATERWAYS AND FLOODPLAIN LIMITS AS APPROVED BY THE LOCAL COMMUNITY.
- 6. WE DO NOT ANTICIPATE THE NEED FOR DEWATERING (NON-TRENCH) WITH PROPOSED CONSTRUCTION ACTIVITIES, HOWEVER IF DEWATERING IS NEEDED THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE STANDARDS.
- 7. CONTRACTOR SHALL ENSURE THAT AREA STREETS ARE CLEAN BY THE END OF EACH WORK DAY. THIS IS NOT JUST AN EROSION CONTROL ISSUE BUT A SAFETY ISSUE AS WELL.
- 8. CONTRACTOR SHALL PROVIDE WASTE MANAGEMENT RECEPTACLES FOR PROPER GARBAGE/WASTE HANDLING. SITE LITTERING IS NOT TOLERATED.
- 9. IN THE EVENT OF A RELEASE OF A REPORTABLE SPILL, THE DNR SHALL BE CONTACTED AT PHONE 800-943-0003 FOR APPROPRIATE NOTIFICATION.
- 10. CONCRETE WASTE MANAGEMENT PROCEDURES AND PRACTICES SHALL BE IMPLEMENTED. PERFORM WASHOUT OF CONCRETE TRUCKS OFF-SITE. DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAIN, OPEN DITCHES, STREETS, STREAMS, OR OTHER NATURAL AREAS.
- 11. CONTRACTOR SHALL COMPLETE WEEKLY AND RAIN EVENT EROSION CONTROL INSPECTIONS THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS CONSIDERED 80% STABILIZED. A RAIN EVENT CONSISTS OF ANY RAIN EVENT OF 0.5" OR GREATER, EROSION CONTROL INSPECTION REPORTS AND THE CONTRACTORS DAILY LOG BOOK SHALL BE KEPT IN AN ACCESSIBLE LOCATION AT THE PROJECT

GENERAL NOTES

THE INFORMATION IN THIS PLAN SET REPRESENTS THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL INFORMATION IN THE FIELD.

THE LOCATIONS OF UTILITIES, AS NOTED ON THE PLANS ARE APPROXIMATE, THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM THE ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES OR FROM THE GRUBBING OF TREES OR STUMPS SHALL BE BACKFILLED WITH GRANULAR

ANY SIGNS OR FENCES REMOVED, RELOCATED DUE TO CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL LOCATION UNLESS RELOCATED. ALL SIGN REMOVAL, RELOCATION, AND/OR INSTALLATION COST SHALL BE INCIDENTAL TO

ALL SIGN RELOCATIONS, NEW SIGN INSTALLATIONS, AND SIGNAL INSTALLATIONS SHALL BE LOCATED IN ACCORDANCE WITH THE WISCONSIN DOT FDM MANUAL, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL OF 6" MIN. SEED. FERTILIZE. AND MULCH TO INCLUDE ALL AREAS DISTURBED DURING CONSTRUCTION. CONTRACTOR TO WATER AND MAINTAIN RESTORATION AREAS UNTIL AFTER GRASS REQUIRES MOWING.

UTILITIES

FOR WATER, SANITARY SEWER AND STORM SEWER CONTACT PLYMOUTH UTILITIES 900 CTH PP PLYMOUTH, WISCONSIN 53073 BILL IMMICH (920) 893-1471

FOR CABLE TV CONTACT TIME WARNER CABLE 1320 N. DR. MARTIN LUTHER KING JR. DR. MIKE LOWTHER (920) 451-3743 MILWAUKEE, WI 53212 STEVE CRAMER (414) 277-4045

FOR ELECTRIC CONTACT PLYMOUTH UTILITIES 900 CTH PP PLYMOUTH, WISCONSIN 53073 JIM PETERSON (920) 893-1471

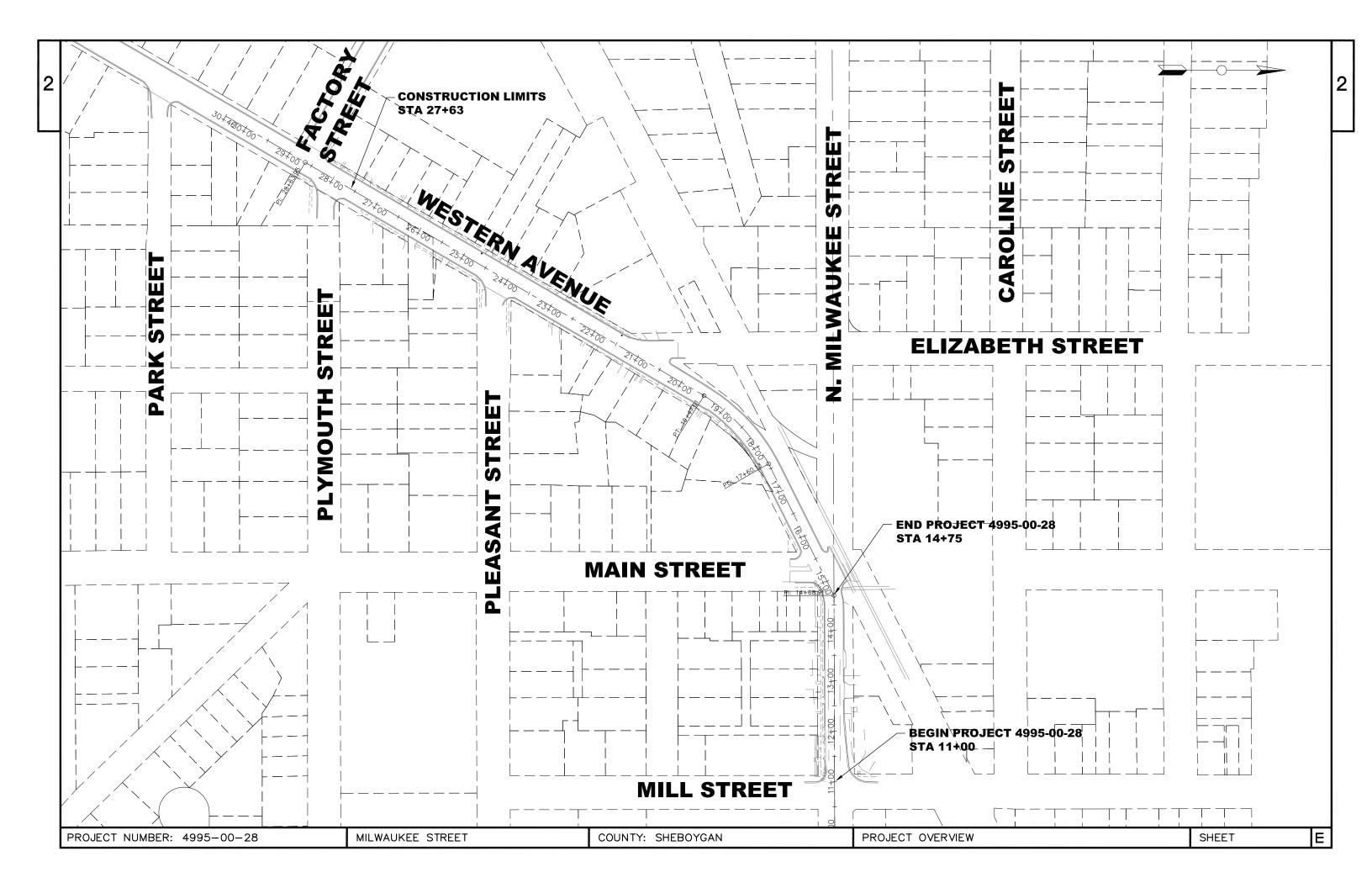
WISCONSIN PUBLIC SERVICE-GAS P.O. BOX 329 SHEBOYGAN, WI 53082-0329

FRONTIER TELEPHONE OPERATIONS 118 DIVISION STREET PLYMOUTH, WI 53073 RYAN OSNESS (920) 893-7455

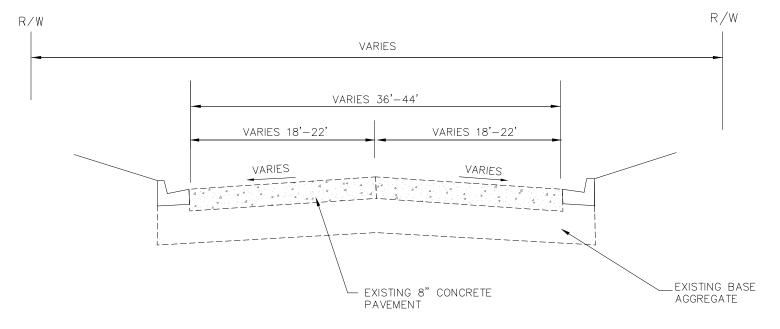


20132605241, 20132605250

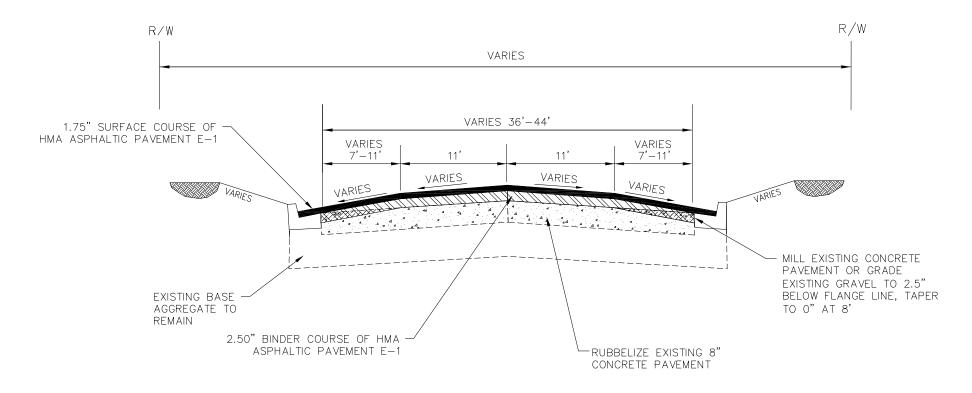
PROJECT NUMBER: 4995-00-28 MILWAUKEE STREET COUNTY: SHEBOYGAN GENERAL NOTES SHEET







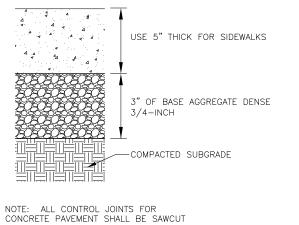
N. MILWAUKEE STREET EXISTING TYPICAL SECTION SCALE: NTS

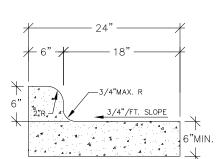


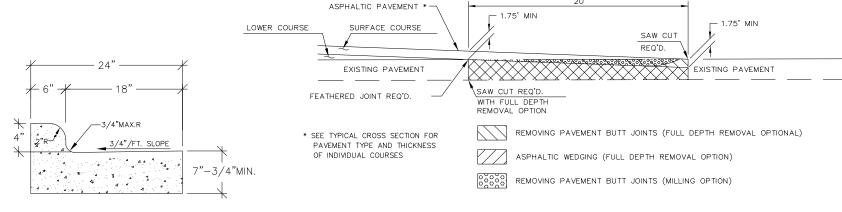
N. MILWAUKEE STREET PROPOSED TYPICAL SECTION ASPHALTIC OVERLAY AREA STA 11+00 TO STA 27+63

SCALE: NTS

PROJECT NUMBER: 4995-00-28 MILWAUKEE STREET COUNTY: SHEBOYGAN TYPICAL SECTIONS SHEET **E**







CONCRETE SIDEWALK SCALE: NTS

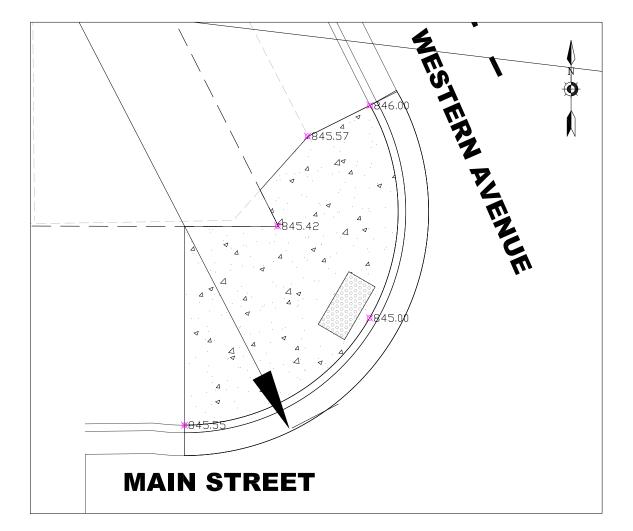
CONCRETE CURB & GUTTER 24-INCH

CONCRETE CURB & GUTTER 24-INCH SPECIAL SCALE: NTS

REMOVING PAVEMENT BUTT JOINTS

SCALE: NTS



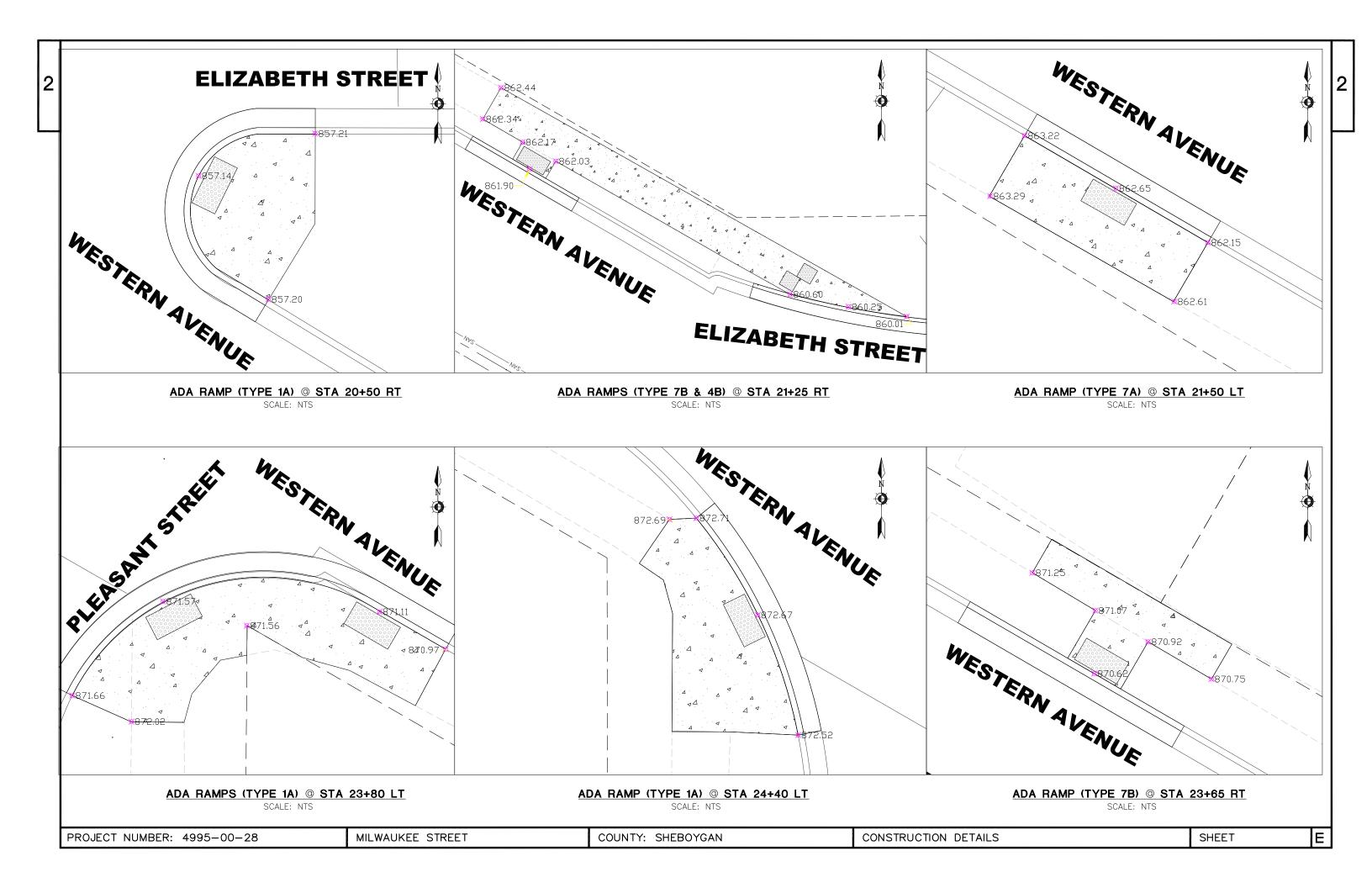


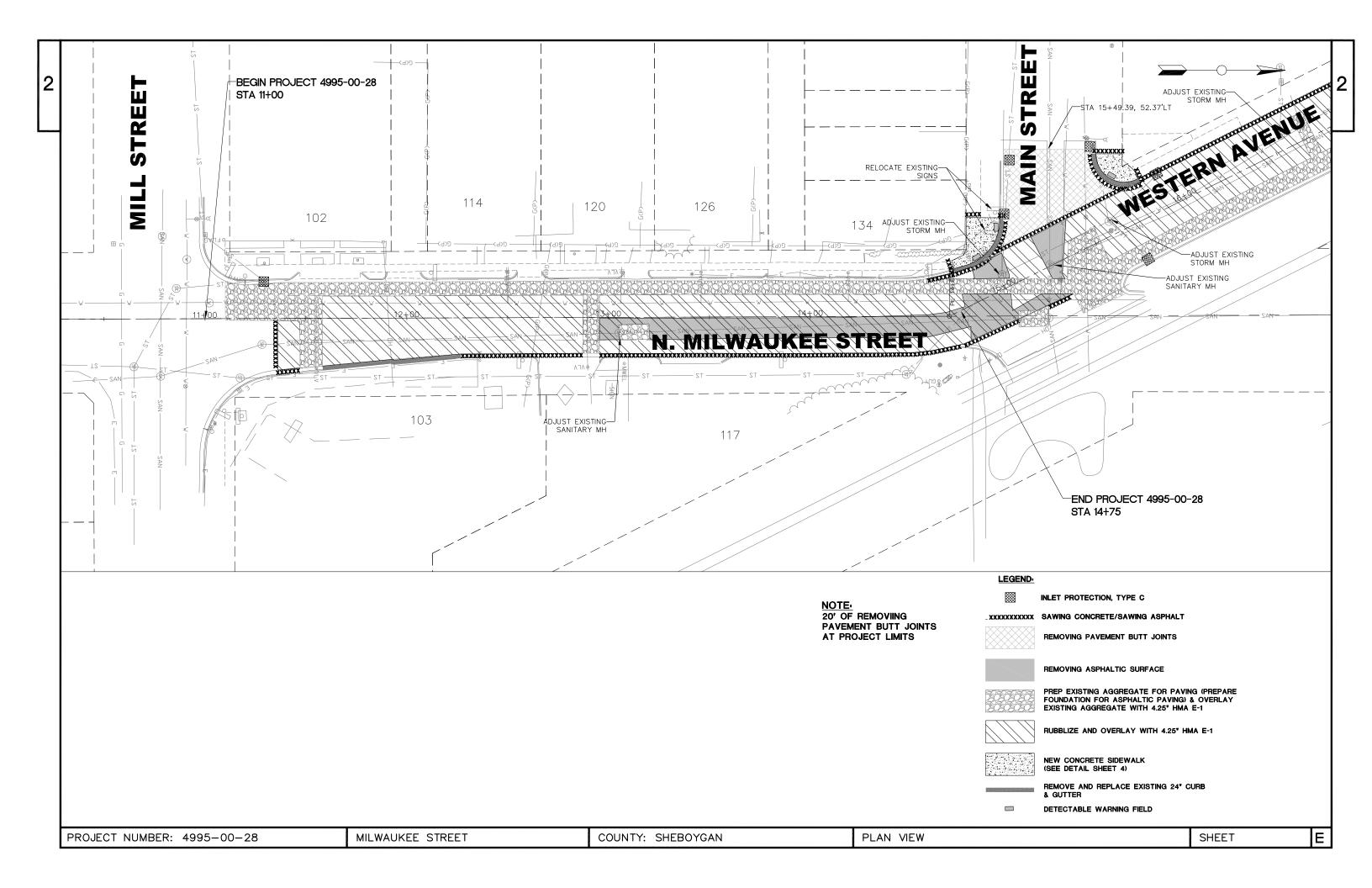
ADA RAMPS (TYPE 1A) @ STA 15+00 LT

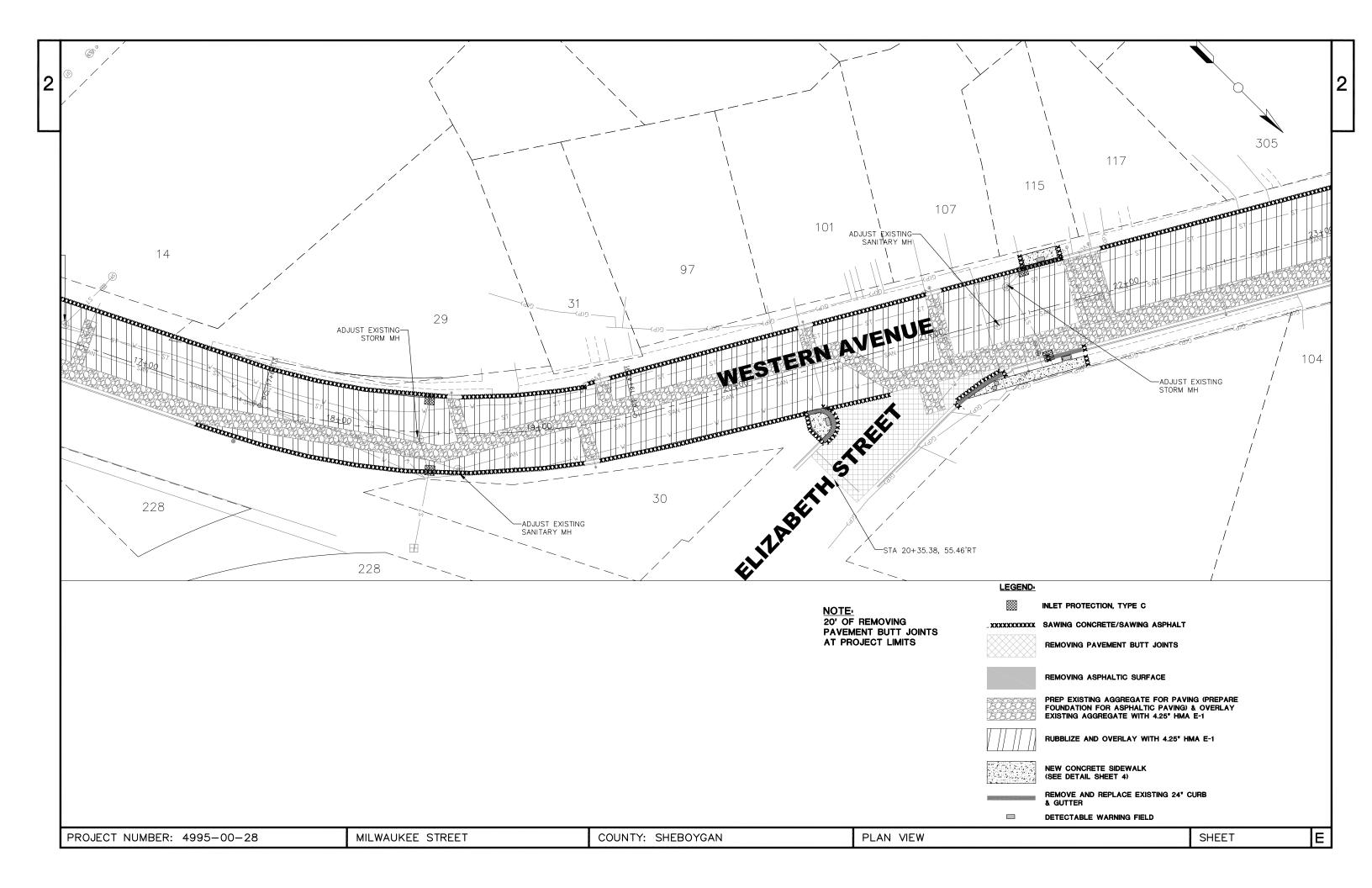
SCALE: NTS

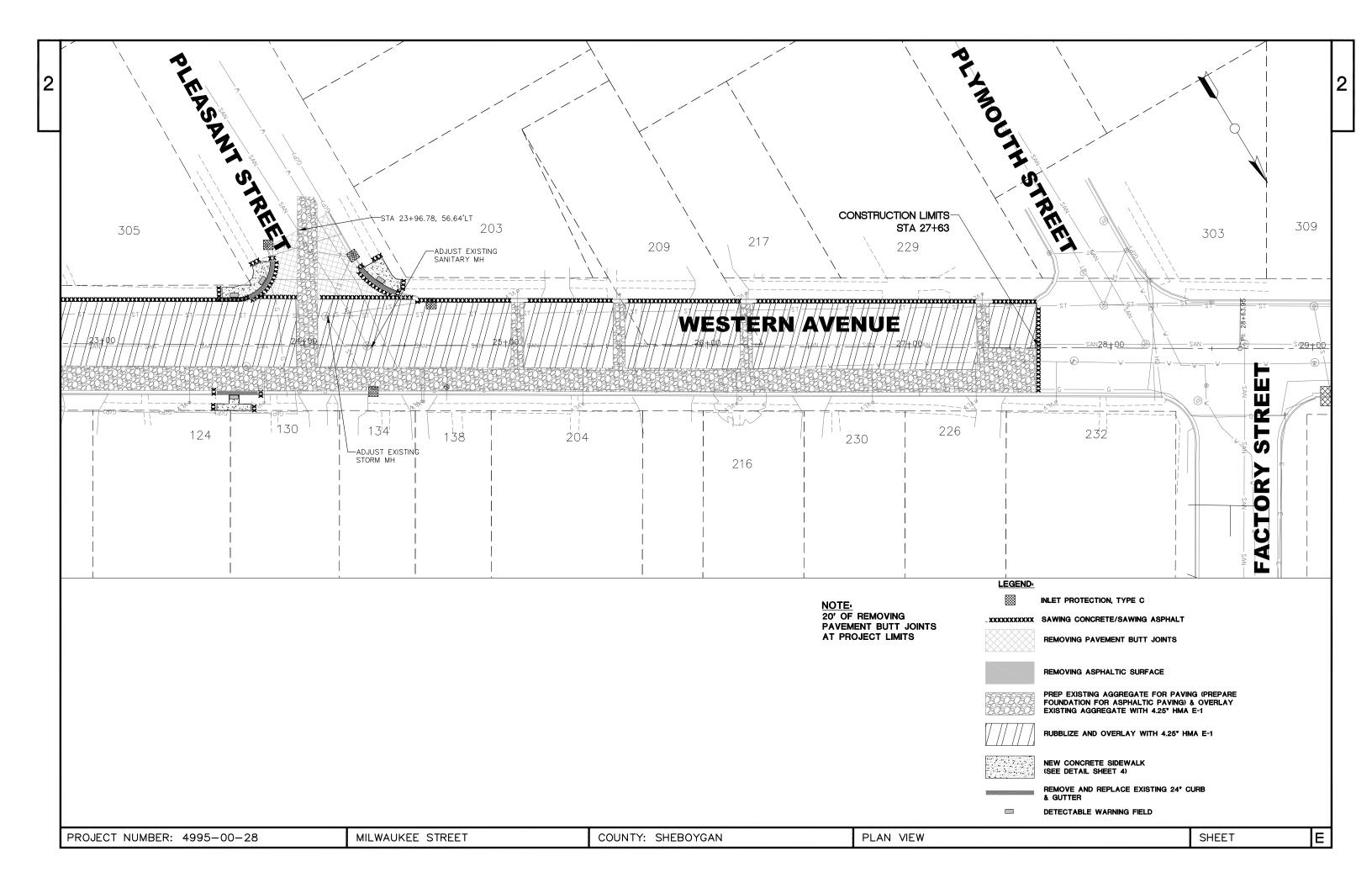
ADA RAMP (TYPE 1A) @ STA 15+75 LT SCALE: NTS

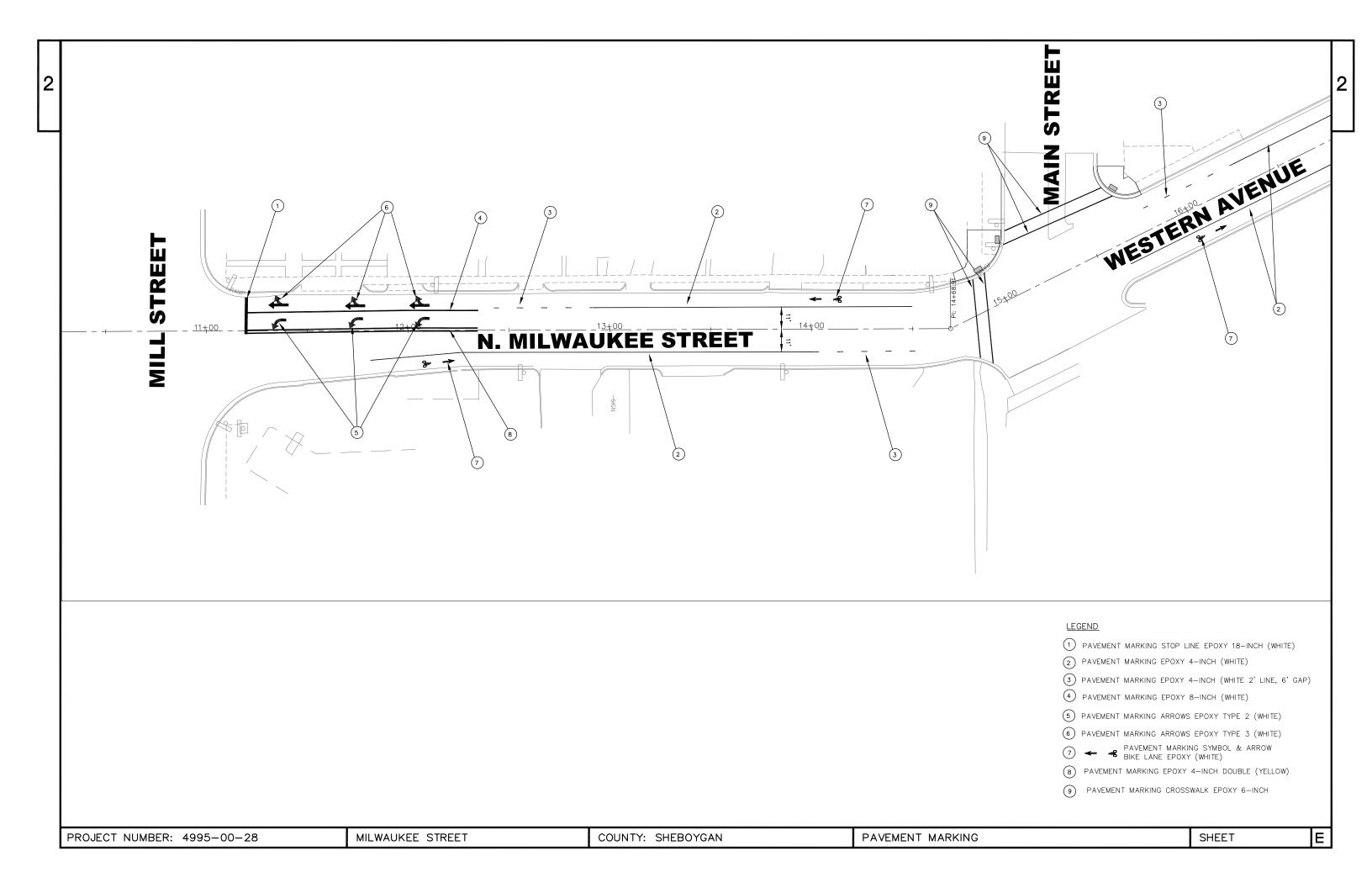
PROJECT NUMBER: 4995-00-28 MILWAUKEE STREET COUNTY: SHEBOYGAN SHEET CONSTRUCTION DETAILS

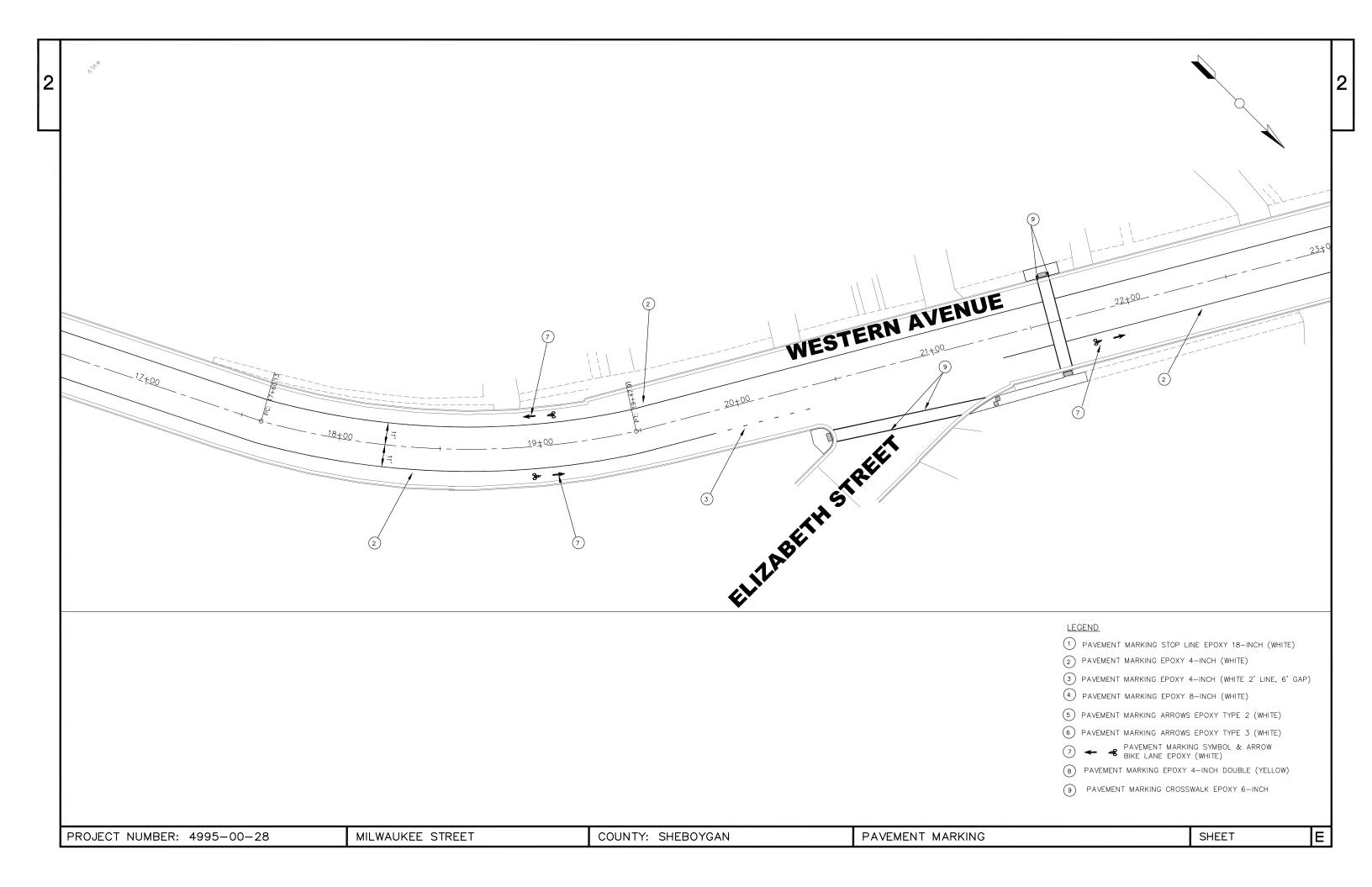


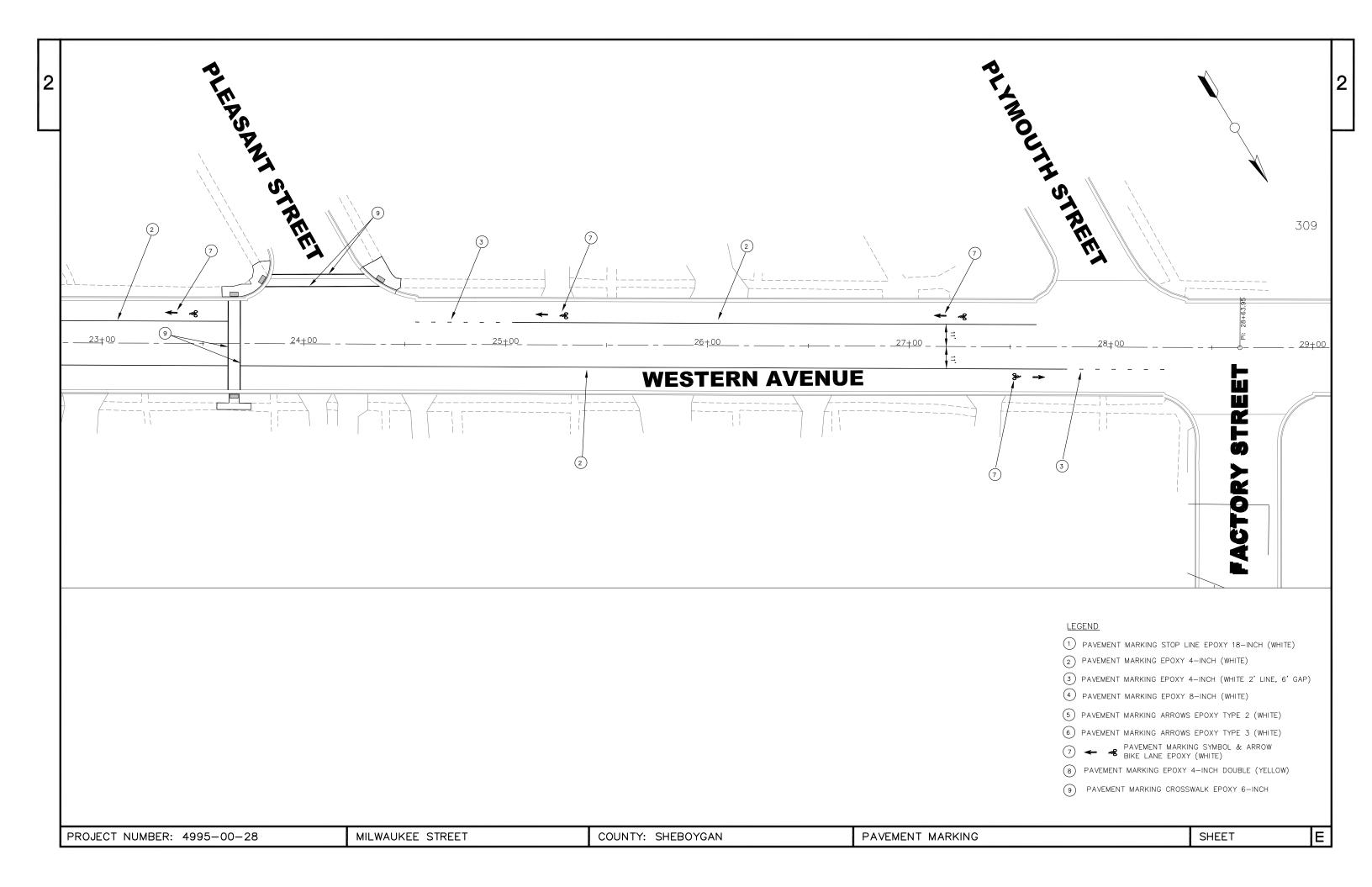


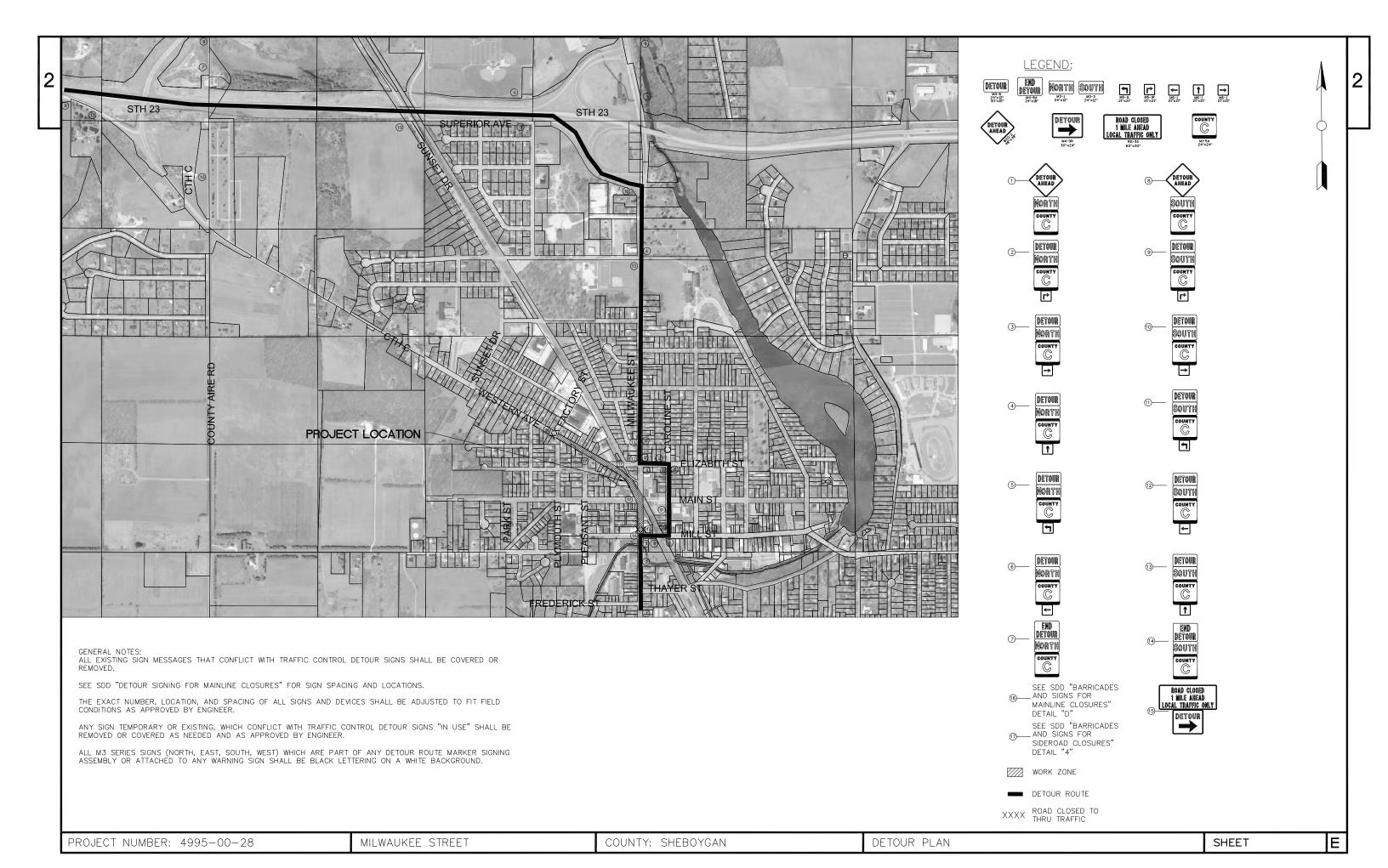


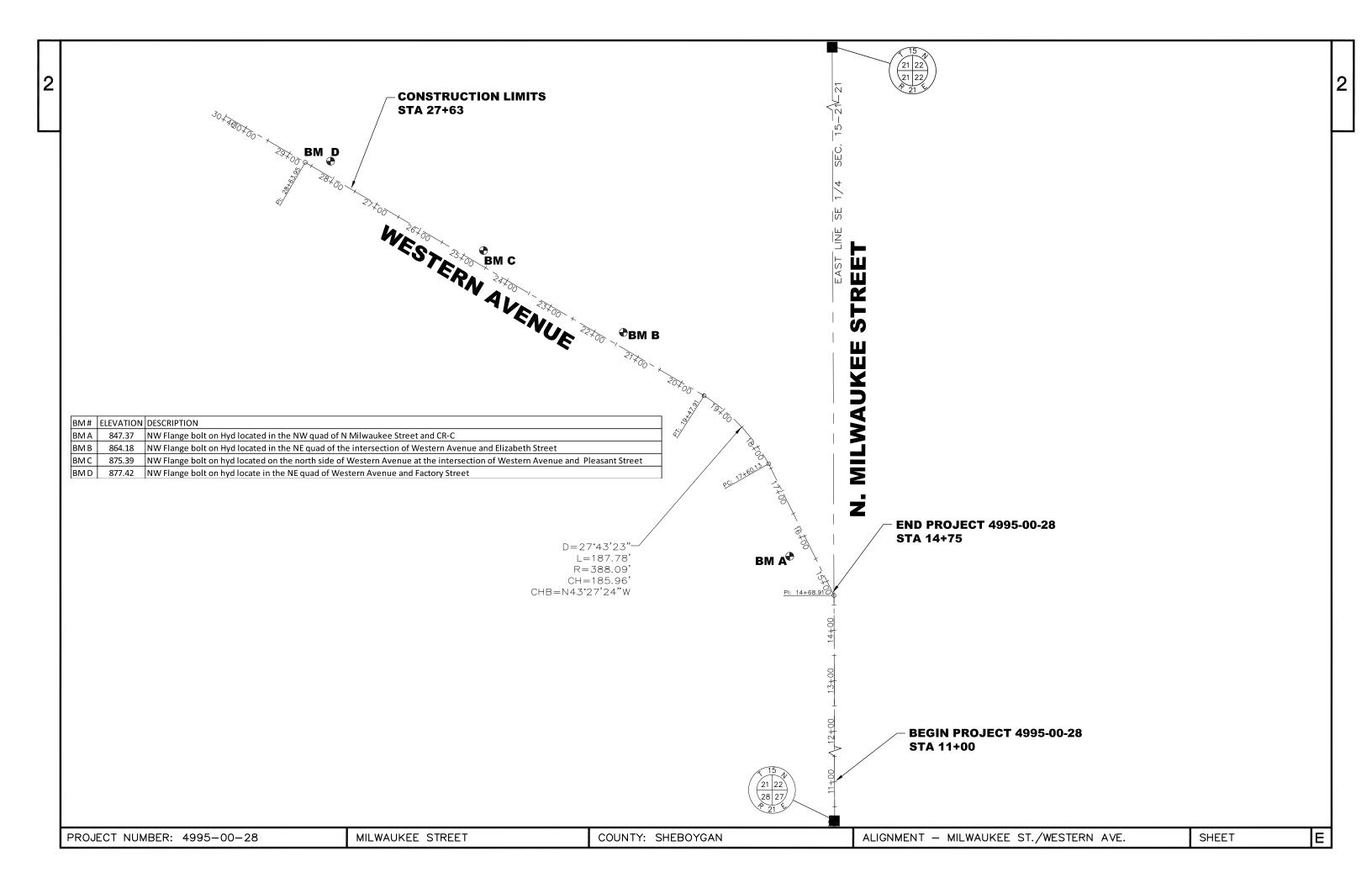












DATE 19	JUN14	E S T	IMATE	OF QUAN	T I T I E S 4995-00-28	
NUMBER		ITEM DESCRIPTION	UNIT	TOTAL	QUANTI TY	
0010 0020	204. 0105 204. 0109. S	REMOVING PAVEMENT BUTT JOINTS REMOVING CONCRETE SURFACE PARTIAL DEPTH	SY SF	275. 000 15, 600. 000	275. 000 15, 600. 000	
0030	204. 0110	REMOVING ASPHALTIC SURFACE	SY	330.000	330. 000	
0040	204. 0150	REMOVING CURB & GUTTER	LF 61/	350.000	350.000	
0050	204. 0155	REMOVING CONCRETE SIDEWALK	SY	155. 000	155. 000	
0060	205. 0100	EXCAVATION COMMON **P**	CY	250.000	250. 000	
0070	211. 0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 4995-00-28	LS	1. 000	1. 000	
0800	305. 0110	BASE AGGREGATE DENSE 3/4-INCH	TON	30.000	30.000	
0090	311. 0110	BREAKER RUN	TON	440.000	440.000	
0100	335. 0100	RUBBLI ZI NG **P**	SY	4, 750. 000	4, 750. 000	
0110	455. 0115	ASPHALTIC MATERIAL PG64-22	TON	130. 000	130.000	
0120 0130	455. 0605 460. 1101	TACK COAT HMA PAVEMENT TYPE E-1	GAL TON	200. 000 2, 090. 000	200. 000 2, 090. 000	
0130	460. 2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	1, 340. 000	1, 340. 000	
0150	602. 0410	CONCRETE SIDEWALK 5-INCH	SF	1, 400. 000	1, 400. 000	
0160	602. 0505	CURB RAMP DETECTABLE WARNING FIELD	SF	88. 000	88. 000	
5.00	552. 5505	YELLOW	. .	55. 566	55. 555	
0170	611. 8110	ADJUSTING MANHOLE COVERS	EACH	11.000	11.000	
0180 0190	619. 1000 624. 0100	MOBI LI ZATI ON WATER	EACH MGAL	1. 000 5. 000	1. 000 5. 000	
0200	625. 0100	TOPSOI L	SY	50. 000	50. 000	
0210	627. 0200	MULCHI NG	SY	50. 000	50. 000	
0210	628. 7015	INLET PROTECTION TYPE C	EACH	14. 000	14. 000	
0230	629. 0210	FERTILIZER TYPE B	CWT	0. 100	0. 100	
0240 0250	630. 0140 642. 5201	SEEDING MIXTURE NO. 40 FIELD OFFICE TYPE C	LB EACH	1. 000 1. 000	1. 000 1. 000	
0230	042. 3201		LACII	1.000	1.000	
0260	643. 0100	TRAFFIC CONTROL (PROJECT) 01. 4995-00-28	EACH	1.000	1.000	
0270 0280	643. 0420 643. 0705	TRAFFIC CONTROL BARRICADES TYPE III TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY DAY	585. 000 1, 540. 000	585. 000 1, 540. 000	
0290	643. 2000	TRAFFIC CONTROL DETOUR (PROJECT) 01.	EACH	1. 000	1. 000	
0200	(42, 2000	4995-00-28	DAV	2 700 000	2 700 000	
0300	643. 3000	TRAFFIC CONTROL DETOUR SIGNS	DAY	3, 700. 000	3, 700. 000	
0310	645. 0140	GEOTEXTILE FABRIC TYPE SAS	SY	800.000	800.000	
0320	646. 0106 646. 0126	PAVEMENT MARKING EPOXY 4-INCH PAVEMENT MARKING EPOXY 8-INCH	LF LF	2, 730. 000 115. 000	2, 730. 000 115. 000	
0330 0340	646. 0126 647. 0166	PAVEMENT MARKING EPOXY 8-INCH PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	3. 000	3. 000	
0350	647. 0176	PAVEMENT MARKING ARROWS EPOXY TYPE 3	EACH	3. 000	3. 000	
0360	647. 0336	PAVEMENT MARKING SYMBOLS BIKE SHARED	EACH	10. 000	10. 000	
5550	347.0000	LANE EPOXY		10.000	10.000	
0370	647. 0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH		19.000	19.000	
0380 0390	647. 0766 650. 8000	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH CONSTRUCTION STAKING RESURFACING	LF LF	625. 000 1, 665. 000	625. 000 1, 665. 000	
22,3		REFERENCE				
0400	650. 9910	CONSTRUCTION STAKING SUPPLEMENTAL	LS	1. 000	1. 000	
		CONTROL (PROJECT) 01. 4995-00-28				
0410	690. 0150	SAWING ASPHALT	LF	80.000	80.000	
0420 0430	690. 0250 ASP. 1T0A	SAWING CONCRETE ON-THE-JOB TRAINING APPRENTICE AT \$5.	LF HRS	2, 250. 000 150. 000	2, 250. 000 150. 000	
0430	ASI . ITUA	00/HR	IIIO	130.000	130.000	
0440	ASP. 1TOG	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	300.000	300.000	
0450	SPV. 0060	SPECIAL 01. ADJUSTING WATER VALVE BOXES	EACH	16. 000	16. 000	
0460	SPV. 0090	SPECIAL 01. CONCRETE CURB AND GUTTER	LF	145. 000	145. 000	
		24-I NCH				

DATE 19JUN14

LI NE

NUMBER I TEM

SPV. 0090

SPCI AL 02. CONCRETE CURB AND GUTTER

2 S T I M A T E 0 F Q U A N T I T I E S

4995-00-28

UNIT

TOTAL

QUANTITY

205. 000

205. 000

REMOVALS

					204.0105	204.0109.S	204.0110	204.0150	204.0155	335.0100
					REMOVING PAVEMENT	REMOVING CONCRETE	REMOVING	REMOVING	REMOVING CONCRETE	RUBBILIZING
					BUTT JOINTS	SURFACE PARTIAL DEPTH	ASPHALTIC SURFACE	CURB & GUTTER	SIDEWALK	
LOCATION	STATION	то	STATION	OFFSET	SY	SF	SY	LF	SY	SY
N. MILWAUKEE ST.	11+36	-		RT	28					
N. MILWAUKEE ST.	11+58	-	12+27	RT				69		
N. MILWAUKEE ST.	12+95	-	15+42	C/L			330			
N. MILWAUKEE ST.	14+81	-	15+14	LT				39	37	
MAIN ST.	15+12	-	15+67	LT	70					
N. MILWAUKEE ST.	15+66	-	15+83	LT				32	22	
WESTERN AVE.	20+31	-	20+43	RT				26	11	
ELIZABETH ST.	20+43	-	20+89	RT	66					
WESTERN AVE.	21+04	-	21+29	RT				25		
WESTERN AVE.	21+04	-	21+71	RT					31	
WESTERN AVE.	21+54	-	21+71	LT				17	11	
WESTERN AVE.	21+54	-	21+71	RT				17		
WESTERN AVE.	23+57	-	23+77	RT				21	7	
WESTERN AVE.	23+59	-	23+85	LT				36	19	
PLEASANT ST.	23+84	-	24+34	LT	61					
WESTERN AVE.	24+28	-	24+48	LT				21	17	
WESTERN AVE.	27+63	-		C/L	50					
PROJECT AREA	11+00	-	27+63	RT/LT		15,600				4,750
UNDISTRIBUTED	11+00	-	27+63	C/L				47		
TOTAL					275	15,600	330	350	155	4,750

EARTHWORK QUANTITIES

								205.0100
						FOR INFORM	ATION ONLY	EXCAVATION COMMON -
					CUT	FILL (UNA DJUSTED)	NET FILL (UNA DJUSTED)	UNDISTRIBUTED
LOCATION	STATION	TO	STATION	OFFSET	CY	CY	CY	CY
UNDISTRUBUTED	11+00	-	27+63					250
TOTAL								250

AGGREGATE AND PAVEMENT

TOTAL					30	440	130	200	2,090
UNDISTRIBUTED	11+00	-	27+63	C/L	30	440			
PROJECT AREA	11+00	-	27+63	C/L			130	200	2,090
LOCATION	STATION	ТО	STATION	OFFSET	TON	TON	TON	GAL	TON
					DENSE 3/4-INCH	UNDISTRIBUTED	PG 64-22		TYPE E-1
					BASE AGGREGATE	BREAKER RUN -	ASPHALTIC MATERIAL	TACK COAT	HMA PAVEMENT
					305.0110	311.0110	455.0115	455.0605	460.1101

CURB & GUTTER AND SIDEWALK

					602.0410	602.0505	SPV.0090.01	SPV.0090.02
					CONCRETE	CURB RAMP	CONCRETE	CONCRETE
					SIDEWALK	DETECTABLE WARNING	CURB & GUTTER	CURB & GUTTER
					5-INCH	FIELD YELLOW	24-INCH	24-INCH SPECIAL
LOCATION	STATION	TO	STATION	OFFSET	SF	SF	LF	LF
N. MILWAUKEE ST.	11+58	-	12+27	RT			69	
N. MILWAUKEE ST.	14+81	-	15+14	LT	335	16		39
N. MILWAUKEE ST.	15+66	-	15+83	LT	195	8		32
WESTERN AVE.	20+31	-	20+43	RT	96	8		26
WESTERN AVE.	21+04	-	21+71	RT	280	16	17	25
WESTERN AVE.	21+54	-	21+71	LT	91	8	17	
WESTERN AVE.	23+57	-	23+77	RT	85	8	21	
WESTERN AVE.	23+59	-	23+85	LT	177	16		36
WESTERN AVE.	24+28	-	24+48	LT	141	8		21
UNDISTRIBUTED	11+00	-	27+63	C/L			21	26
TOTAL					1,400	88	145	205

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED

PROJECT NUMBER: 4995-00-28 MILWAUKEE STREET COUNTY: SHEBOYGAN MISCELLANEOUS QUANTITIES SHEET **E**

624.0100 628.7015
WATER INLET PROTECTION

TYPE C LOCATION STATION OFFSET MGAL EACH N. MILWAUKEE ST. 11+29 MAIN ST. 15+15 LT MAIN ST. 15+28 LT MAIN ST. 15+70 LT WESTERN AVE. 15+70 RT WESTERN AVE. 15+92 WESTERN AVE. 18+45 LT WESTERN AVE. 18+46 RT WESTERN AVE. 21+52 LT WESTERN AVE. 21+53 RT PLEASANT ST. 23+82 LT PLEASANT ST. 24+24 LT WESTERN AVE. 24+33 RT WESTERN AVE. 24+63 LT PROJECT AREA C/L 5 TOTAL 14

GEOTEXTILE FABRIC

645.0140 GEOTEXTILE FABRIC TYPE SAS -

 LOCATION
 STATION
 TO
 STATION OFFSET
 SY

 UNDISTRIBUTED
 11+00
 27+63
 C/L
 800

 TOTAL
 800

RESTORATION

625.0100 627.0200 629.0210 630.0140 TOPSOIL MULCHING FERTILIZER SEEDING MIXTURE

TYPE B NO. 40 LOCATION STATION TO STATION OFFSET SY SY CWT LB PROJECT AREA 11+00 - 27+63 C/L 50 50 0.1 1 50 TOTAL 50 0.1 1

MOBILIZATION AND TRAFFIC CONTROL

		619.1000	643.0100	643.0420	643.0705	643.2000	643.3000
		MOBILIZATION	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
			(4995-00-28)	BARRICADES	WARNING LIGHTS	DETOUR	DETOUR SIGNS
				TYPE III	TYPE A	(4995-00-28)	
PROJECT ID	DESCRIPTION	EACH	EACH	DAY	DAY	EACH	DAY
4995-00-28	N. MILWAUKEE ST.	1	1	585	1,540	1	3,700
TOTAL		1	1	585	1,540	1	3,700

PAVEMENT MARKING

				646.0106	646.0106	646.0126	647.0166	647.0176	647.0336	647.0566	647.0766
				PAVEMENT MARKING	PAVEMENT MARKING	PAVEMENT MARKING					
				EPOXY 4-INCH	EPOXY 4-INCH	EPOXY 8-INCH	ARROWS EXPOXY	ARROWS EXPOXY	SYMBOL BIKE SHARED	STOP LINE EPOXY	CROSSWALK
				WHITE	YELLOW	WHITE	TYPE 2	TYPE 3	LANE EPOXY	18-INCH	EPOXY 6-INCH
LOCATION	STATION	TO STATI	ON OFFSET	LF	LF	LF	EACH	EACH	EACH	LF	LF
N. MILWAUKEE ST.	11+19	- 12+3	35 LT		230	115	3	3		19	
N. MILWAUKEE ST.	11+81	- 14+5	51 RT	235					1		
N. MILWAUKEE ST.	12+35	- 14+5	50 LT	174					1		
N. MILWAUKEE ST.	14+75	- 14+9	96 C/L								86
MAIN ST.	15+11	- 15+7	70 LT								113
WESTERN AVE.	15+63	- 20+3	34 RT	443					2		
WESTERN AVE.	15+81	- 21+3	38 LT	515					1		
ELIZABETH ST.	20+42	- 21+2	20 RT								142
WESTERN AVE.	21+59	- 21+6	65 C/L								91
WESTERN AVE.	21+33	- 23+6	62 RT	219					1		
WESTERN AVE.	21+44	- 23+6	62 LT	219					1		
WESTERN AVE.	23+62	- 23+6	69 C/L								90
WESTERN AVE.	23+69	- 28+2	26 RT	423					1		
PLEASANT ST.	23+81	- 24+3	37 LT								103
WESTERN AVE.	24+55	- 27+6	63 LT	272					2		
TOTAL				2,500	230	115	3	3	10	19	625

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED

PROJECT NUMBER: 4995-00-28	MILWAUKEE STREET	COUNTY: SHEBOYGAN	MISCELLANEOUS QUANTITIES	SHEET	E
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SAWING ASPHALT AND CONCRETE

690.0150 690.0250 SAWING SAWING

ASPHALT CONCRETE

LOCATION	STATION	то	STATION	OFFSET	LF	LF
N. MILWAUKEE ST.	11+36	-	15+29	RT	56	310
N. MILWAUKEE ST.	14+58	-	15+83	LT	24	197
WESTERN AVE.	15+83	-	21+02	LT		505
WESTERN AVE.	17+33	-	20+74	RT		398
WESTERN AVE.	21+09	-	23+96	LT		336
WESTERN AVE.	21+09	-	21+47	RT		53
WESTERN AVE.	23+57	-	23+77	RT		15
WESTERN AVE.	24+07	-	27+63	LT		436
TOTAL					80	2,250

PREPARE FOUNDATION

211.0100
PREPARE FOUNDATION
FOR ASPHALTIC PAVING

(4995-00-28)

 PROJECT ID
 DESCRIPTION
 LS

 4995-00-28 N. MILWAUKEE ST.
 1

 TOTAL
 1

MANHOLES AND WATER VALVE BOXES

			611.8110 ADJUSTING	SPV.0060.01 ADJUSTING WATER
			MANHOLE COVERS	VALVE BOXES
LOCATION	STATION	OFFSET	EACH	EACH
N. MILWAUKEE ST.	11+36	LT		1
N. MILWAUKEE ST.	13+05	RT	1	
N. MILWAUKEE ST.	15+01	LT	1	
N. MILWAUKEE ST.	15+17	RT		1
N. MILWAUKEE ST.	15+25	LT	1	
N. MILWAUKEE ST.	15+26	RT		1
WESTERN AVE.	15+37	RT		2
WESTERN AVE.	15+45	RT		1
WESTERN AVE.	15+51	LT		1
WESTERN AVE.	15+61	LT	1	
WESTERN AVE.	16+55	LT	1	
WESTERN AVE.	18+41	RT	1	
WESTERN AVE.	18+60	RT	1	
WESTERN AVE.	20+88	RT		1
WESTERN AVE.	20+93	RT		1
WESTERN AVE.	20+98	RT		1
WESTERN AVE.	21+33	RT	1	
WESTERN AVE.	21+42	LT	1	
WESTERN AVE.	21+49	RT		1
WESTERN AVE.	23+97	RT		1
WESTERN AVE.	24+02	RT		1
WESTERN AVE.	24+07	RT		1
WESTERN AVE.	24+11	LT	1	
WESTERN AVE.	24+31	RT	1	
WESTERN AVE.	24+71	RT		1
WESTERN AVE.	27+25	RT		1
TOTAL	CATEGO	RY 0020	11	16

CONSTRUCTION STAKING

650.8000

CONSTRUCTION STAKING

RESURFACING

REFERENCE

 LOCATION
 STATION TO STATION OFFSET
 LF

 N. MILWAUKEE ST.
 11+00 - 27+63 C/L
 1,665

 TOTAL
 1,665

CONSTRUCTION STAKING

650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL

(4995-00-28)

TOTAL		1
4995-00-28	N. MILWAUKEE ST.	1
PROJECT ID	DESCRIPTION	LS

FIELD OFFICE

642.5201 FIELD OFFICE

TYPEC

 PROJECT ID
 DESCRIPTION
 EACH

 4995-00-28
 N. MILWAUKEE ST.
 1

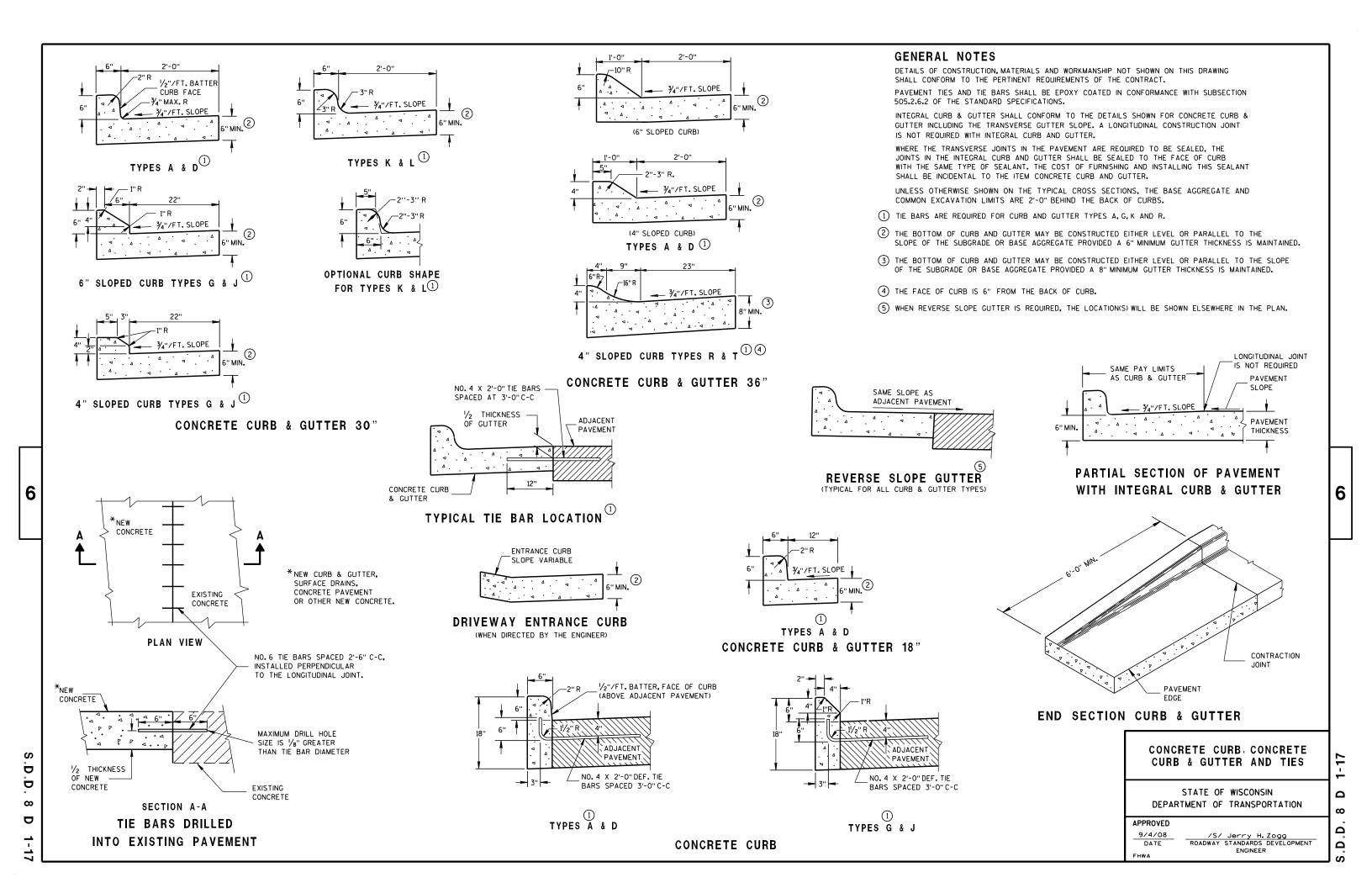
 TOTAL
 1

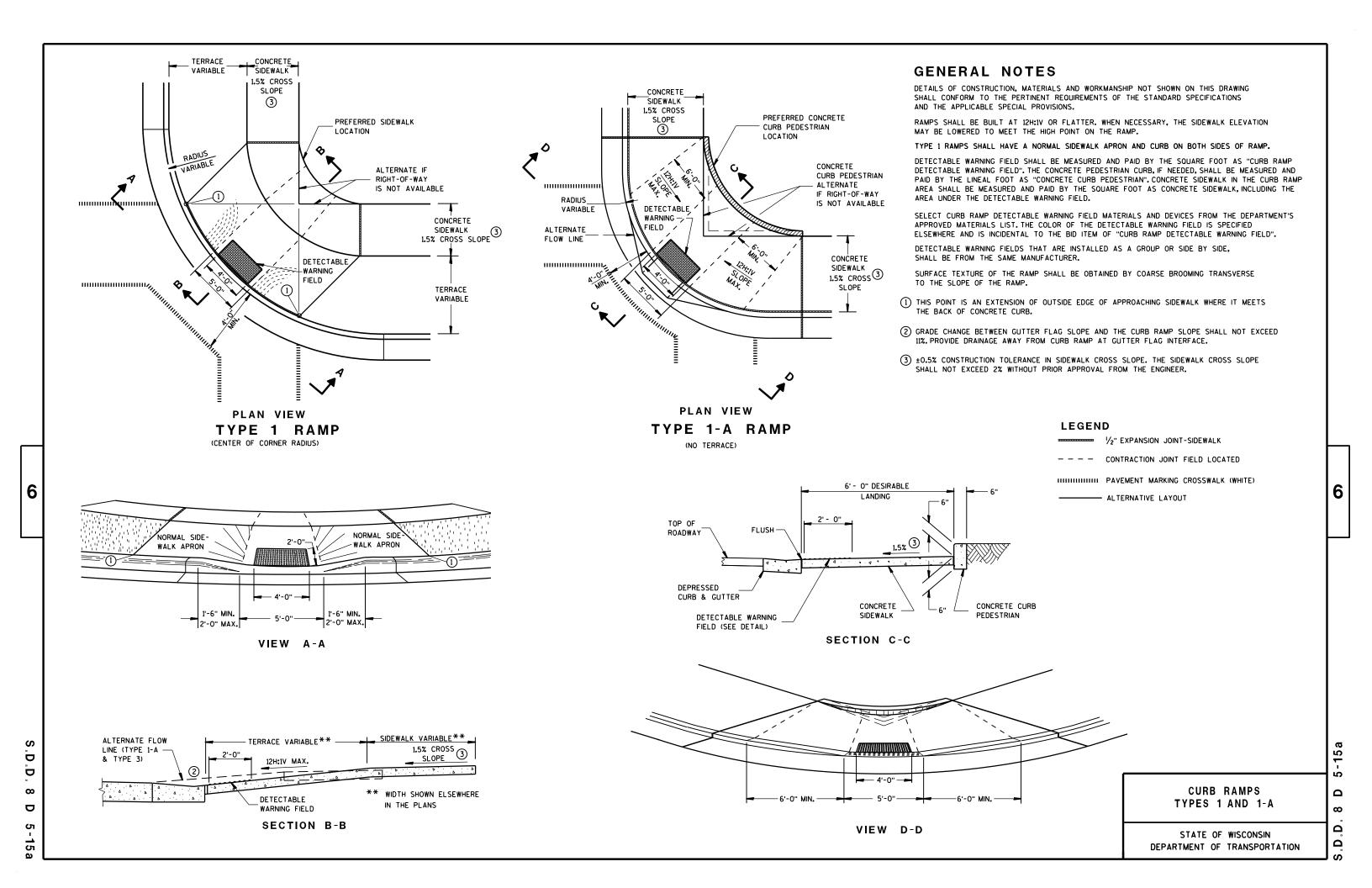
ALL ITEMS ARE **CATEGORY 0010** UNLESS OTHERWISE SPECIFIED

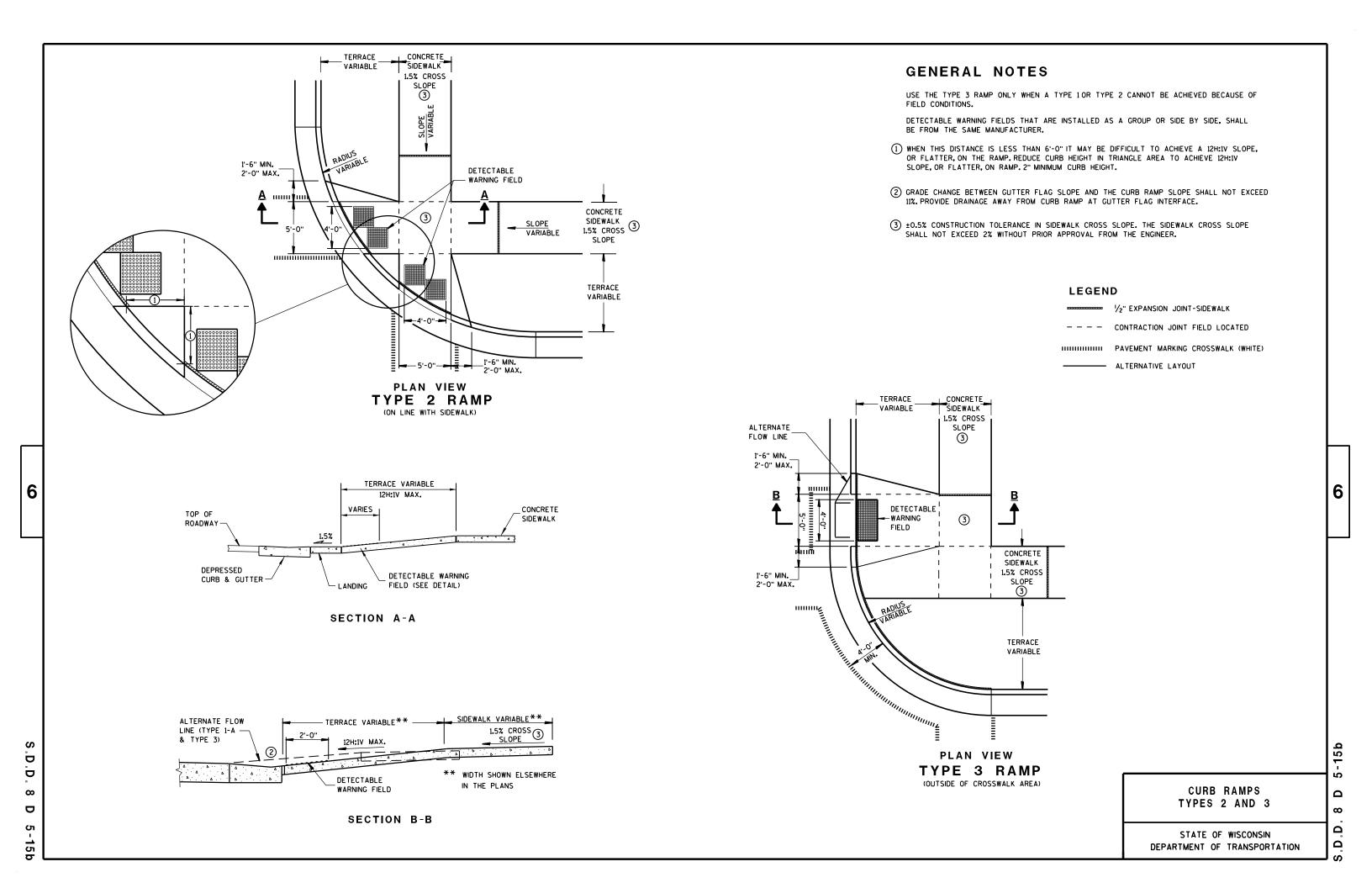
PROJECT NUMBER: 4995-00-28 MILWAUKEE STREET COUNTY: SHEBOYGAN MISCELLANEOUS QUANTITIES SHEET **E**

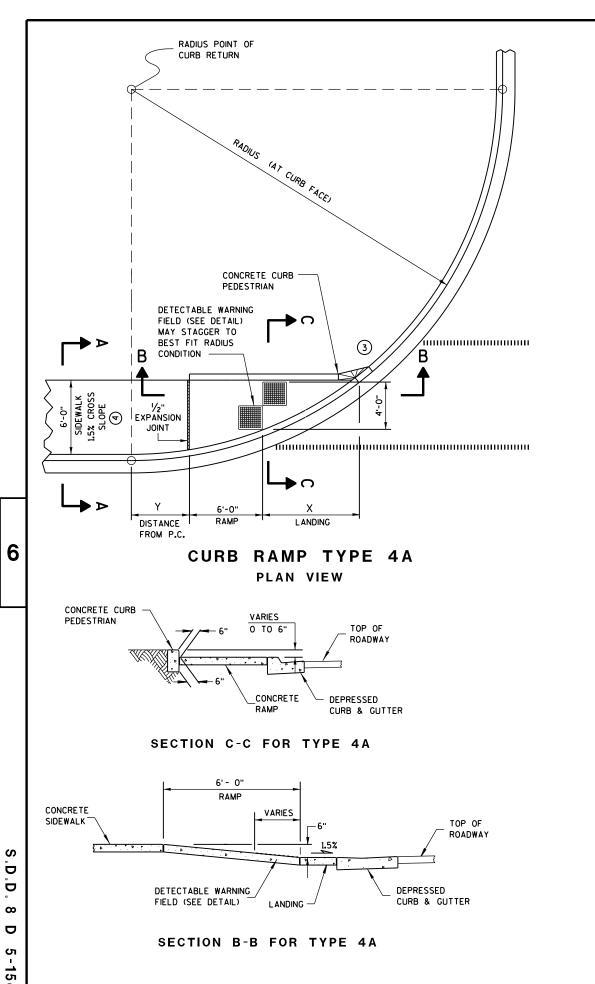
Standard Detail Drawing List

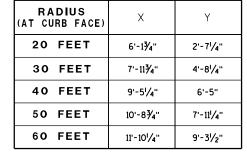
08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-15A	CURB RAMPS TYPES 1 AND 1-A
08D05-15B	CURB RAMPS TYPES 2 AND 3
08D05-15C	CURB RAMPS TYPES 4A AND 4A1
08D05-15D	CURB RAMPS TYPE 4B AND 4B1
08D05-15E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-05C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-02	BARRI CADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C29-03E	PAVEMENT MARKING FOR BIKE LANES
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING











AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE.

4 ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS

SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

ISOMETRIC VIEW FOR TYPE 4A

ISOMETRIC VIEW FOR TYPE 4A1

₩ 1/2" EXPANSION JOINT-SIDEWALK

HIHIHIHIH PAVEMENT MARKING CROSSWALK (WHITE)

CONTRACTION JOINT FIELD LOCATED

CURB RAMPS

TYPES 4A AND 4A1

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

LEGEND

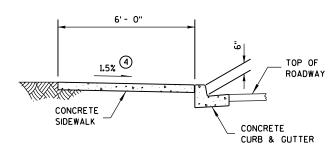
OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

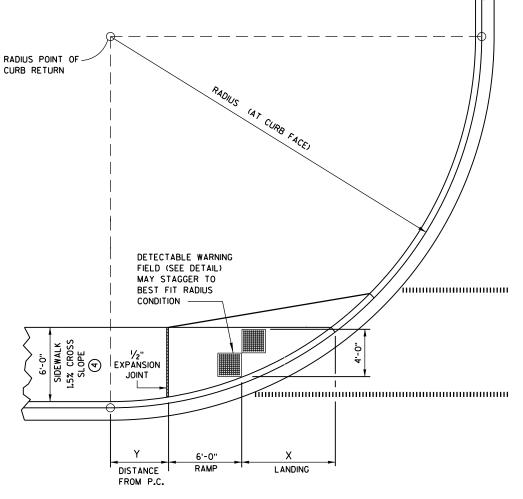
(3) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.

SHALL BE FROM THE SAME MANUFACTURER.

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

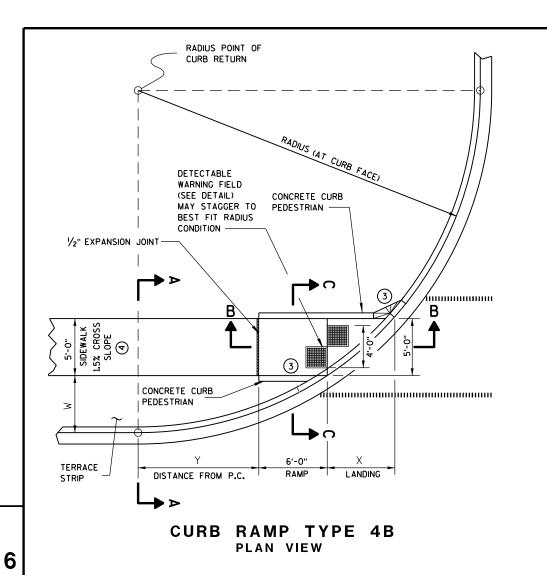


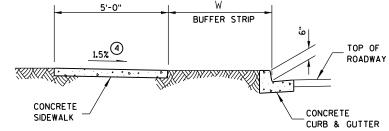
CURB RAMP TYPE 4A1
PLAN VIEW

15c

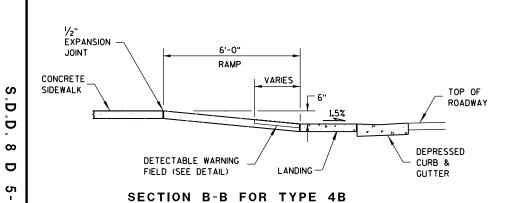
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D.D. 8 D 5





SECTION A-A FOR TYPE 4B



LEGEND

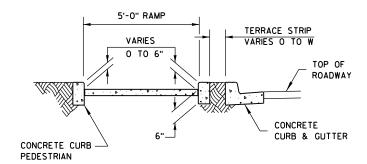
/2" EXPANSION JOINT-SIDEWALK

---- CONTRACTION JOINT FIELD LOCATED

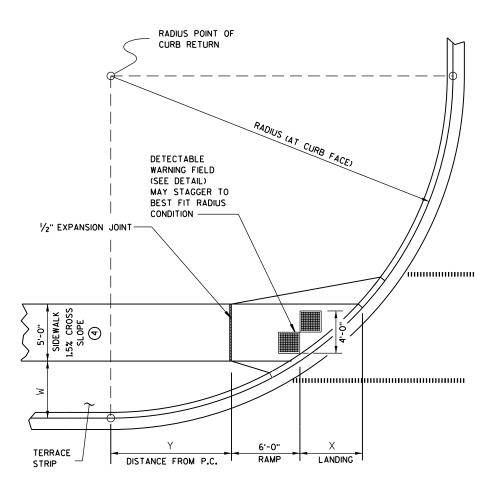
HIHIHIHIH PAVEMENT MARKING CROSSWALK (WHITE)

RADIUS	W =	3' - Ø"	W =	4' - Ø"	W =	5′ - 0"	W =	6′ - Ø"	W =	7' - Ø"
(AT CURB FACE)	X	Y	X	Υ	X	Y	X	Y	X	Y
20 FEET	5'-51/2"	4'-61/2"	4'-81/2"	6'-0"	4'-1"	7'-2¾"	3'-7"	8'-31/2"	3'-11/2"	9'-21/2"
30 FEET	7'-3¾"	7'-1"	6'-51/2"	8'-11'/2"	5'-91/4"	10'-7"	5'-21/2"	12'-0"	4'-8¾"	13'-3'/4"
40 FEET	8'-91/2"	9'-21/2"	7'-10"	11'-5'/4"	7'-1"	13'-41/2"	6'-5¾"	15'-¾"	5'-111/2"	16'-7'/4"
50 FEET	10'-¾"	11'-3⁄4''	9'-1/4"	13'-7'/4"	8'-21/2"	15'-91/2"	7'-61/2"	17'-9"	6'-11¾"	19'-6'/4"
60 FEET	11'-21/2"	12'-8¾"	10'-¾"	15'-61/2"	9'-21/4"	17'-11¾"	8'-5¾"	20'-1¾"	7'-101/2"	22'-11/2"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION C-C FOR TYPE 4B



CURB RAMP TYPE 4B1
PLAN VIEW

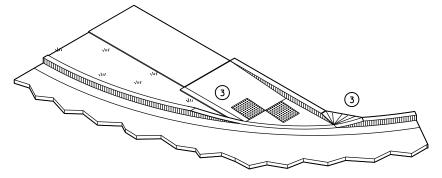
GENERAL NOTES

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

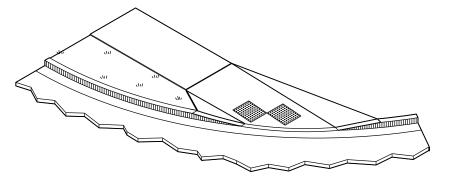
RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- (3) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS.) DO NOT MARK TRANSITION NOSE.
- (4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



ISOMETRIC VIEW FOR TYPE 4B

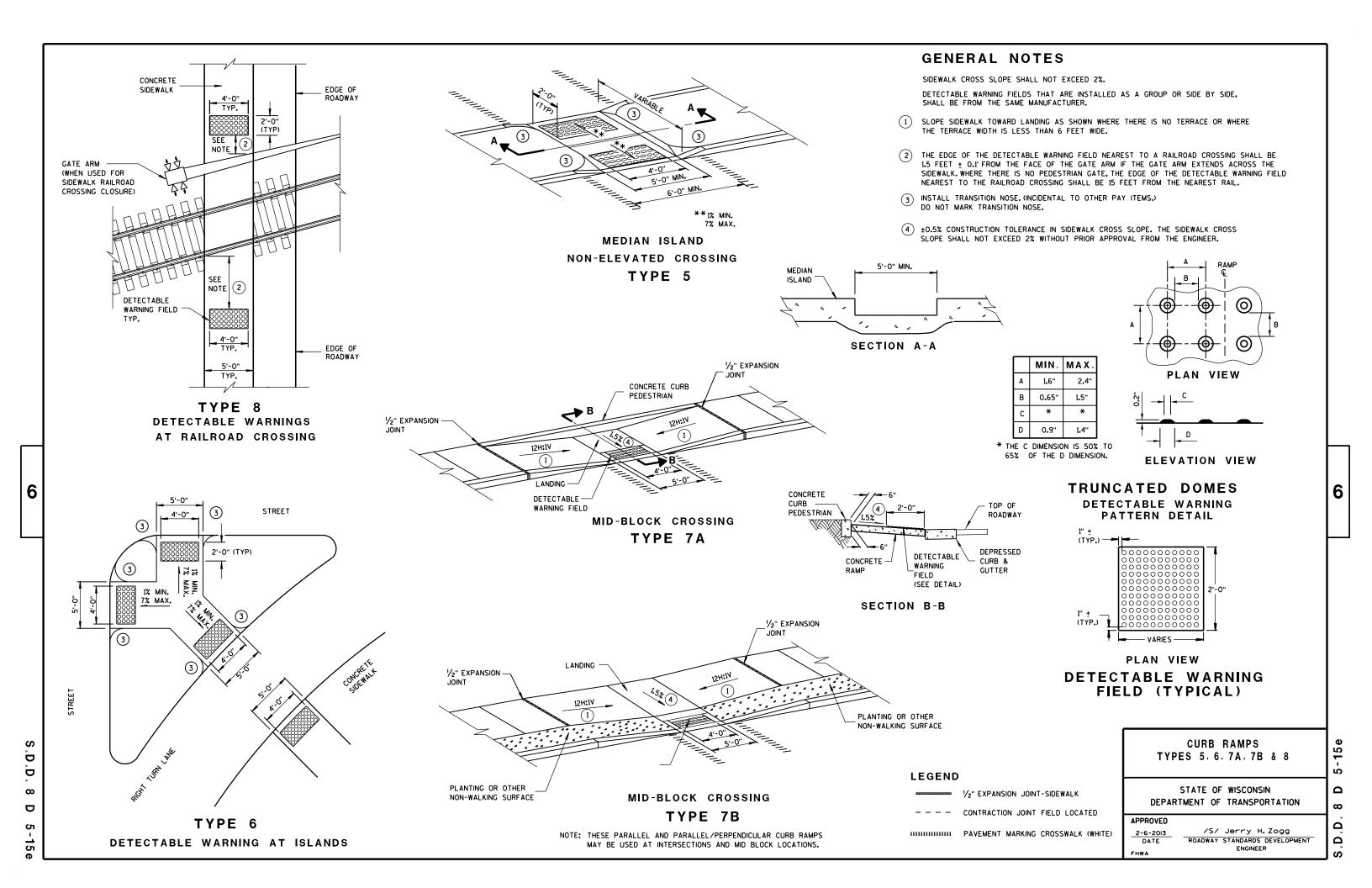


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS Type 4B and 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

D.D. 8 D 5-15d







INLET PROTECTION, TYPE A

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

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 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 A, B, C, AND D

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02

/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER 6

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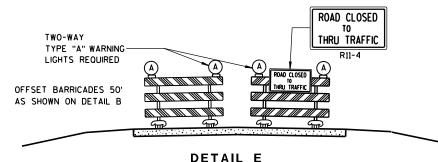
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BRIDGE ROAD 1)TWO-WAY **CLOSED** TYPE "A" WARNING LIGHTS REQUIRED OUTSIDE EDGE OF SHOULDER OUTSIDE EDGE OF SHOULDER OR FACE OF CURB OR FACE OF CURB **DETAIL D**

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



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

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.) MO5-1 AND MO6-1 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
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- 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.
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

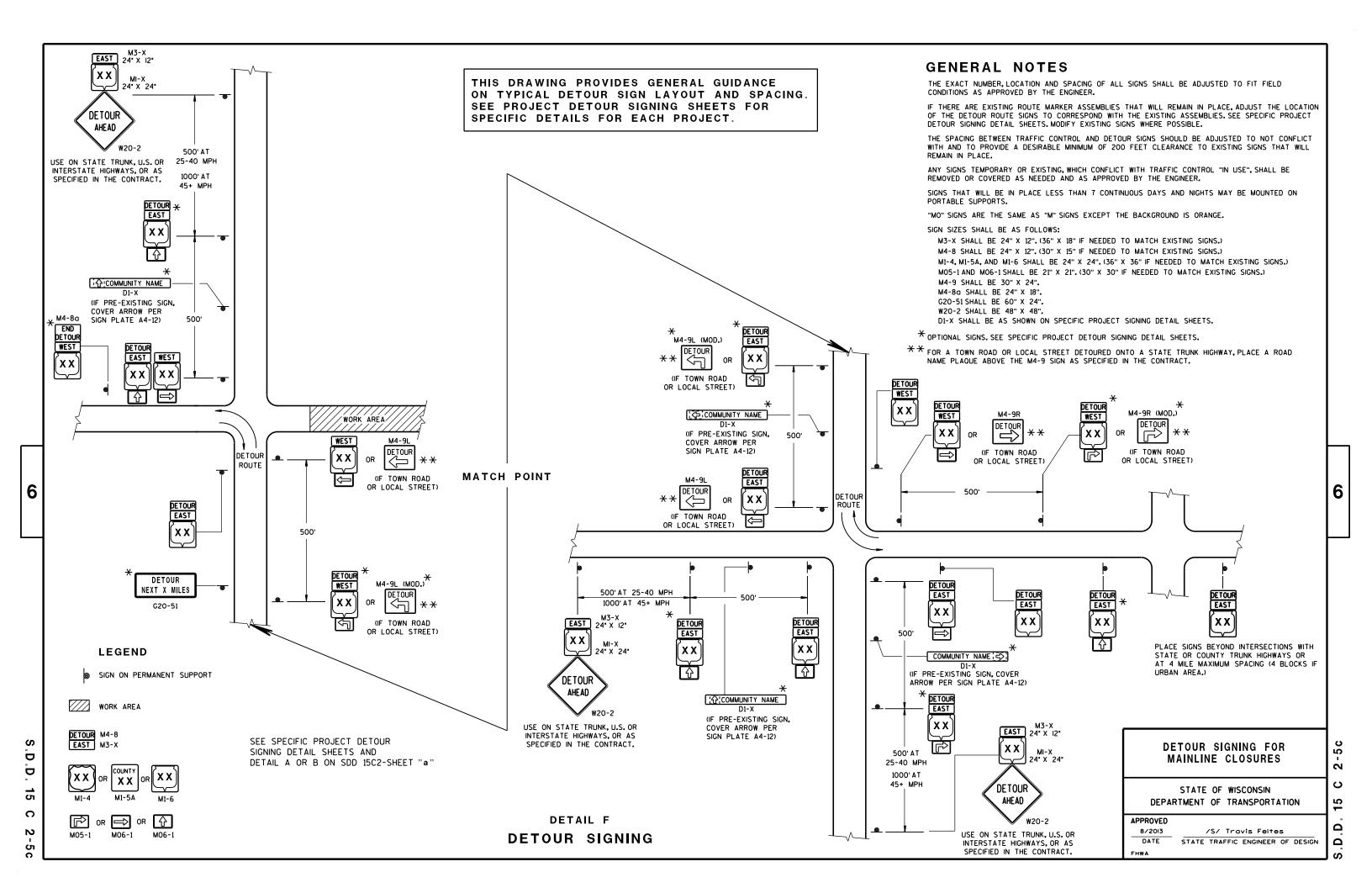
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN

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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:
RI1-2 SHALL BE 48" X 30".
RI1-4 AND RI1-3 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)

//// w

WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 /S/ Travis Feltes

DATE STATE TRAFFIC ENGINEER OF DESIGN

S.D.D. 15 C 3-2

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

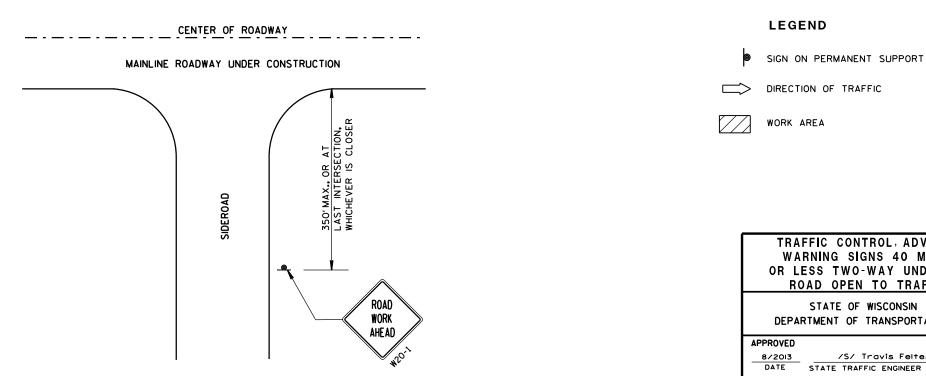
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48"

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.



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN

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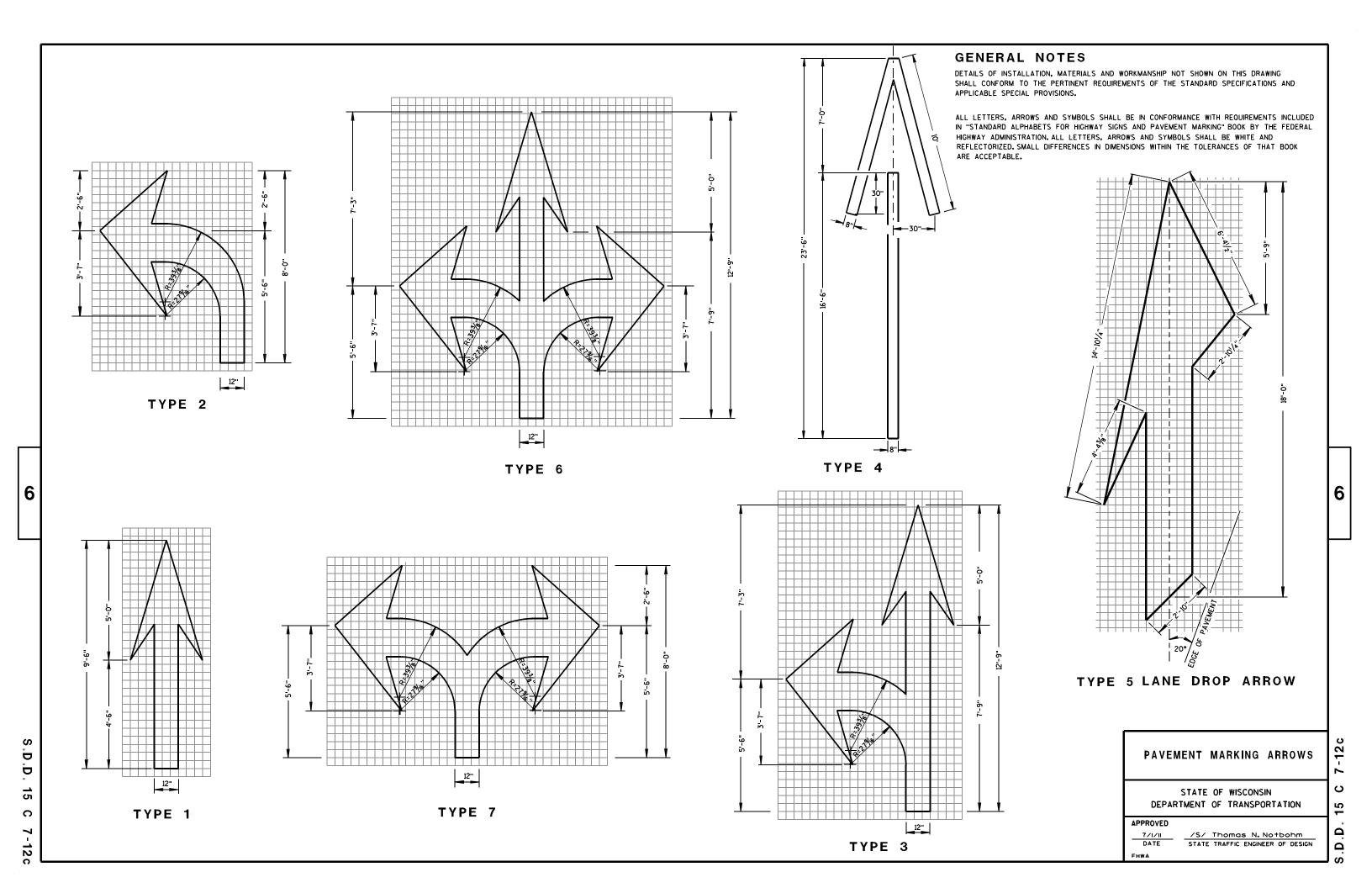
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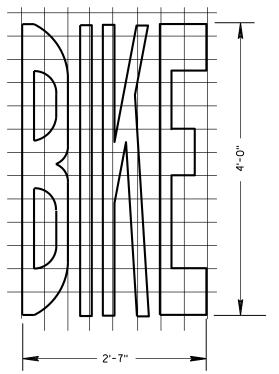
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DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

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



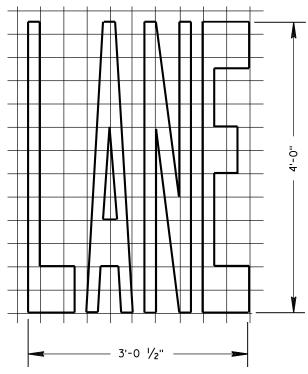
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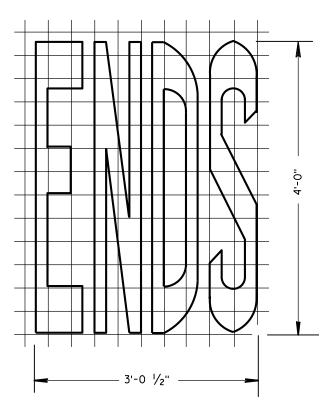
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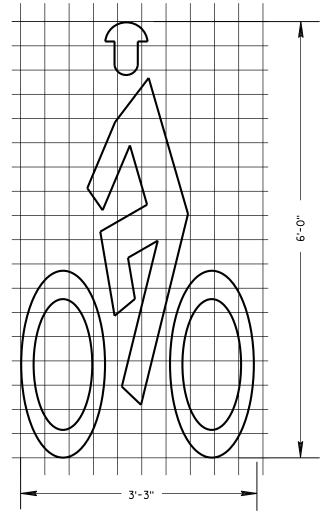
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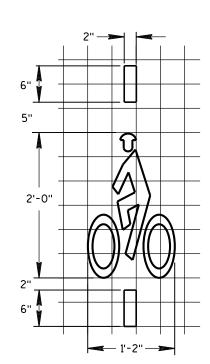




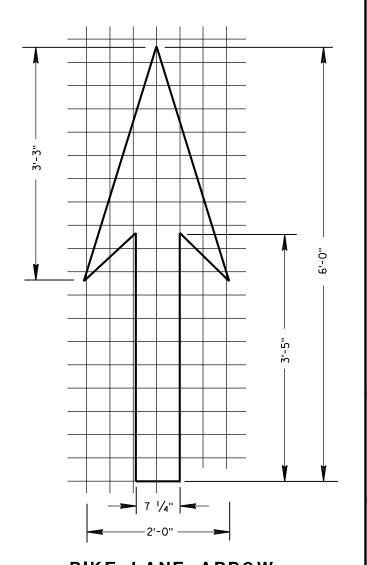
BIKE LANE WORDS



BIKE LANE SYMBOL



BICYCLE DETECTOR PAVEMENT MARKING



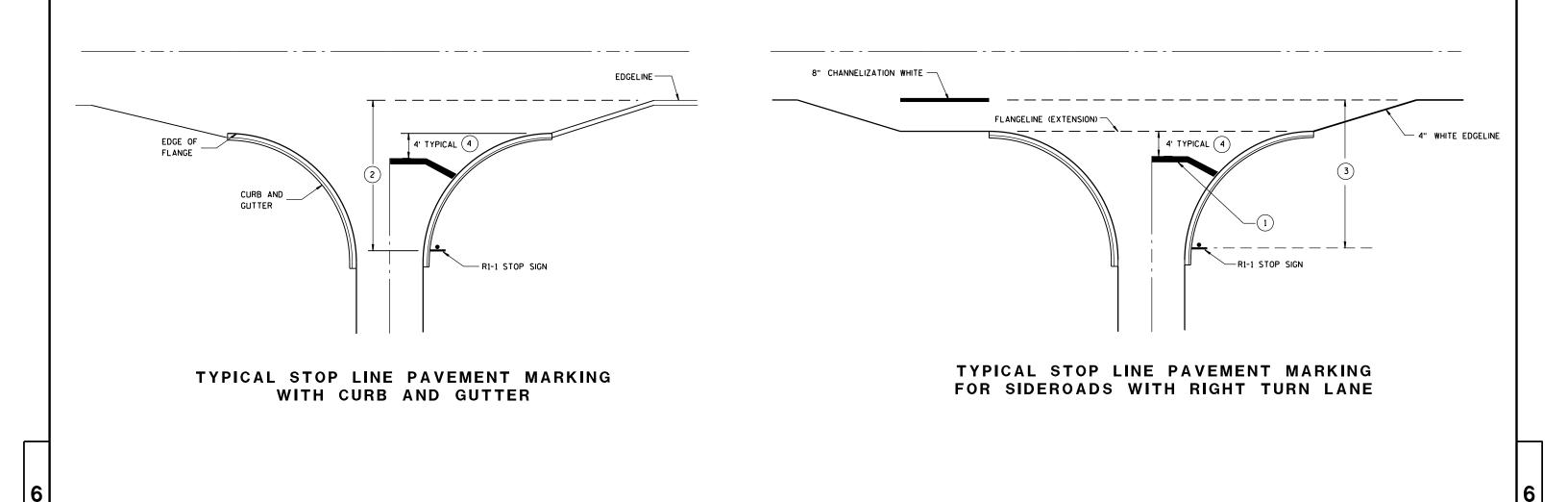
BIKE LANE ARROW

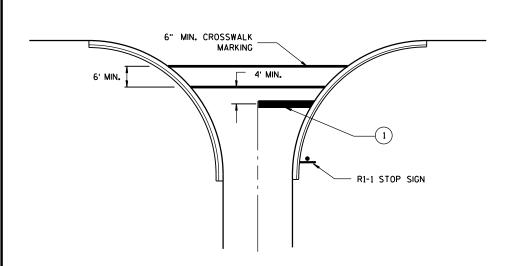
PAVEMENT	MARKING	FOR
BIKE	LANES	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

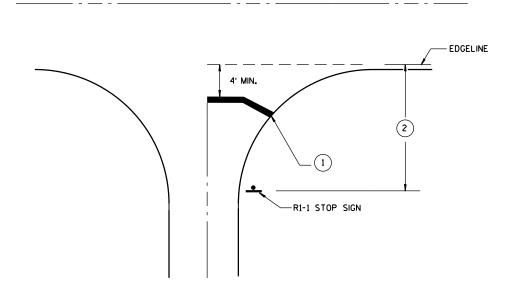
APPROVED	
4-30-2013	/S/ Travis Feltes
DATE	STATE TRAFFIC ENGINEER

S.D.D. 15 C 2





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.
- MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
4/30/2013	/S/ Travis Feltes
DATE	STATE TRAFFIC ENGINEER
FHWA	

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Notes



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