

WKE

MAY 2015

PROJECT ID: 1000-77-14
WITH: N.A.

COUNTY: SE REGION WIDE

INDEX OF SHEETS

Sheet No.	1	Title
Sheet No.		Typical Sections and Details
Sheet No.		Estimate of Quantities
Sheet No.		Miscellaneous Quantities
Sheet No.		Standard Detail Drawings

TOTAL SHEETS = 48

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SPECIAL PAVEMENT MARKING - 2015

VARIOUS HIGHWAYS
SE REGION WIDE

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1000-77-14	WISC 2015285	1

STATE PROJECT NUMBER
1000-77-14

N



18

WAUKESHA COUNTY

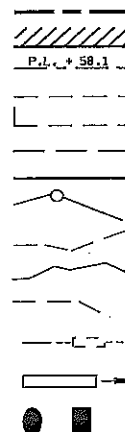
OZAUKEE COUNTY

MILWAUKEE COUNTY

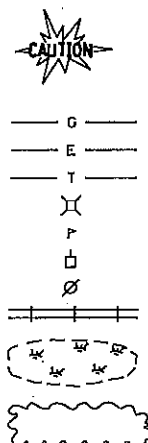
RACINE COUNTY

CONVENTIONAL SIGNS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
EXISTING CULVERT
PROPOSED CULVERT
(Box or Pipe)
CULVERT (Profile View)



COMBUSTIBLE FLUIDS
UNDERGROUND UTILITIES
GAS
ELECTRIC
TELEPHONE OR TELEGRAPH
SERVICE PEDESTAL
CABLE MARKER
POWER POLE
TELEPHONE POLE
RAILROAD
MARSH AREA
WOODED OR SHRUB AREA



LAYOUT

SCALE

PROJECT ID 1000-77-14 = 47.0 MI.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	
Designer	DONALD STEEL
Project Manager	DONALD STEEL
Regional Examiner	TOM HEYDEL
Regional Supervisor	
C.O. Examiner	
APPROVED FOR THE DEPARTMENT	
DATE: 4/30/15	<i>Tom Heydel</i> (Signature)

E

CONTACTS:
DNR- SPILL HOTLINE (24HR)
1-800-943-0003



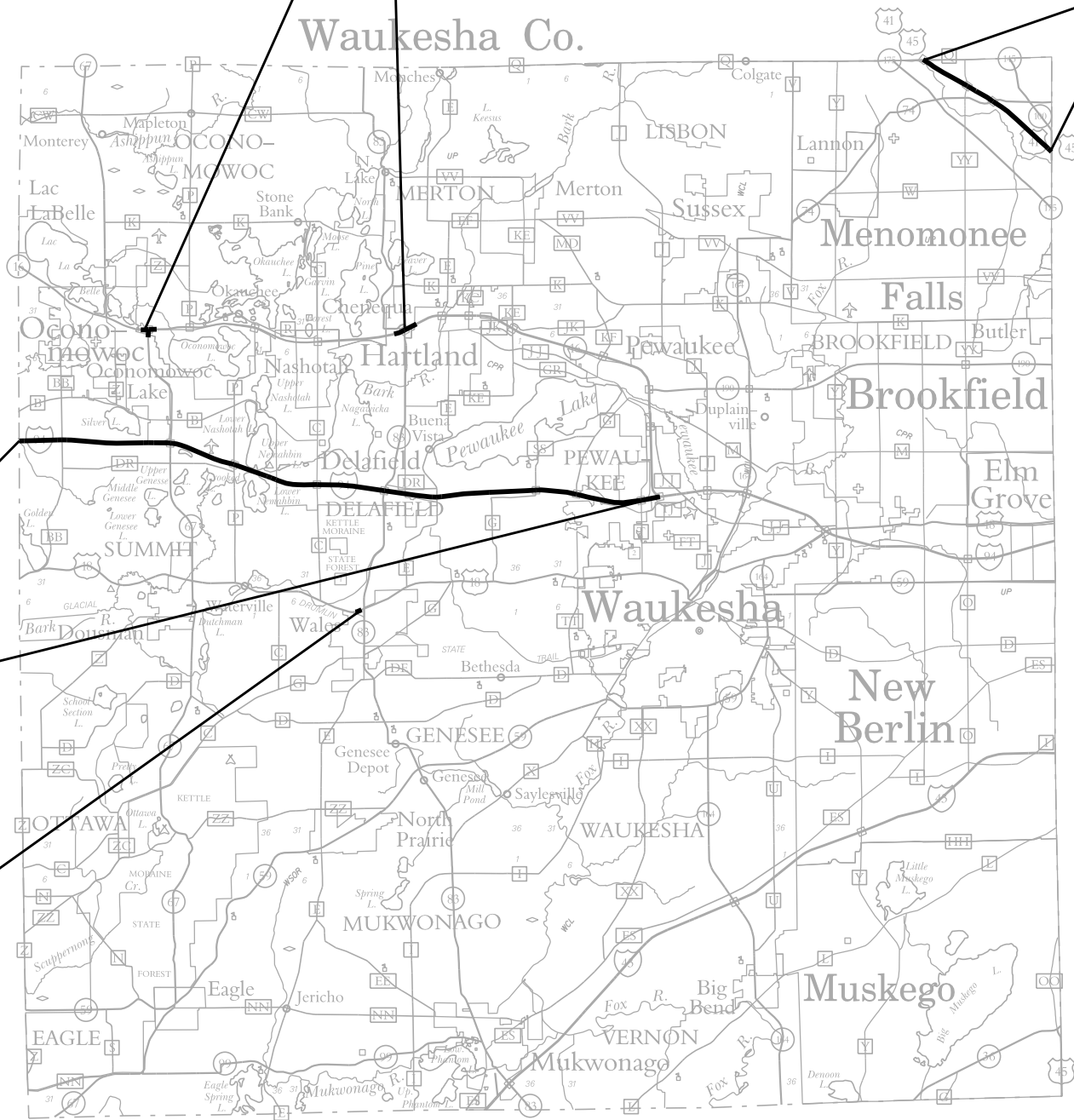


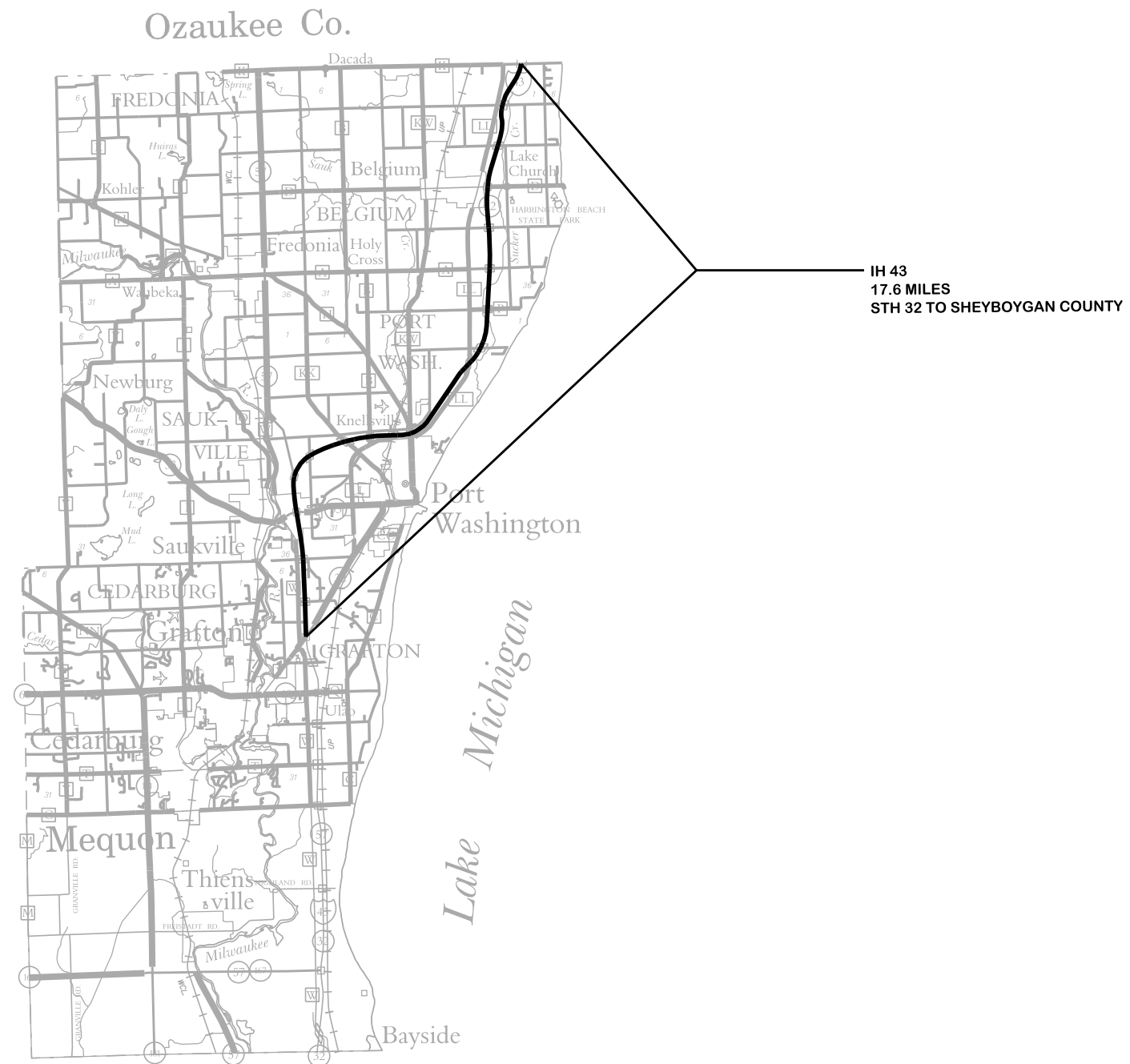
STH 16
0.4 MILES
(A) STH 83 (HILL ST.)
INTERCHANGE
(B) STH 67 NB & SB
BYPASS INTERCHANGE
ON & OFF RAMP

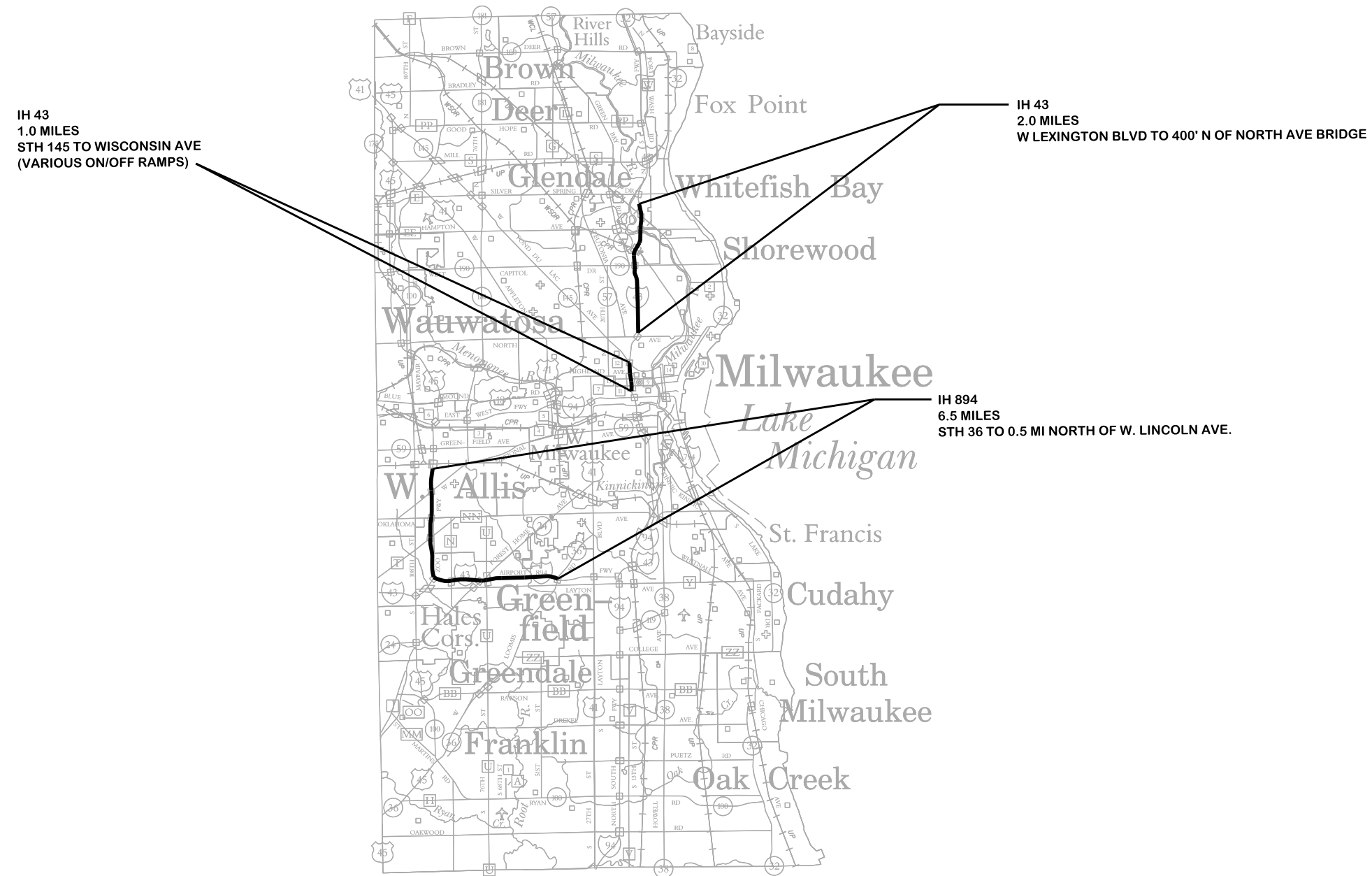
USH 41/45
3.9 MILES
MILWAUKEE COUNTY TO WAUKESHA COUNTY

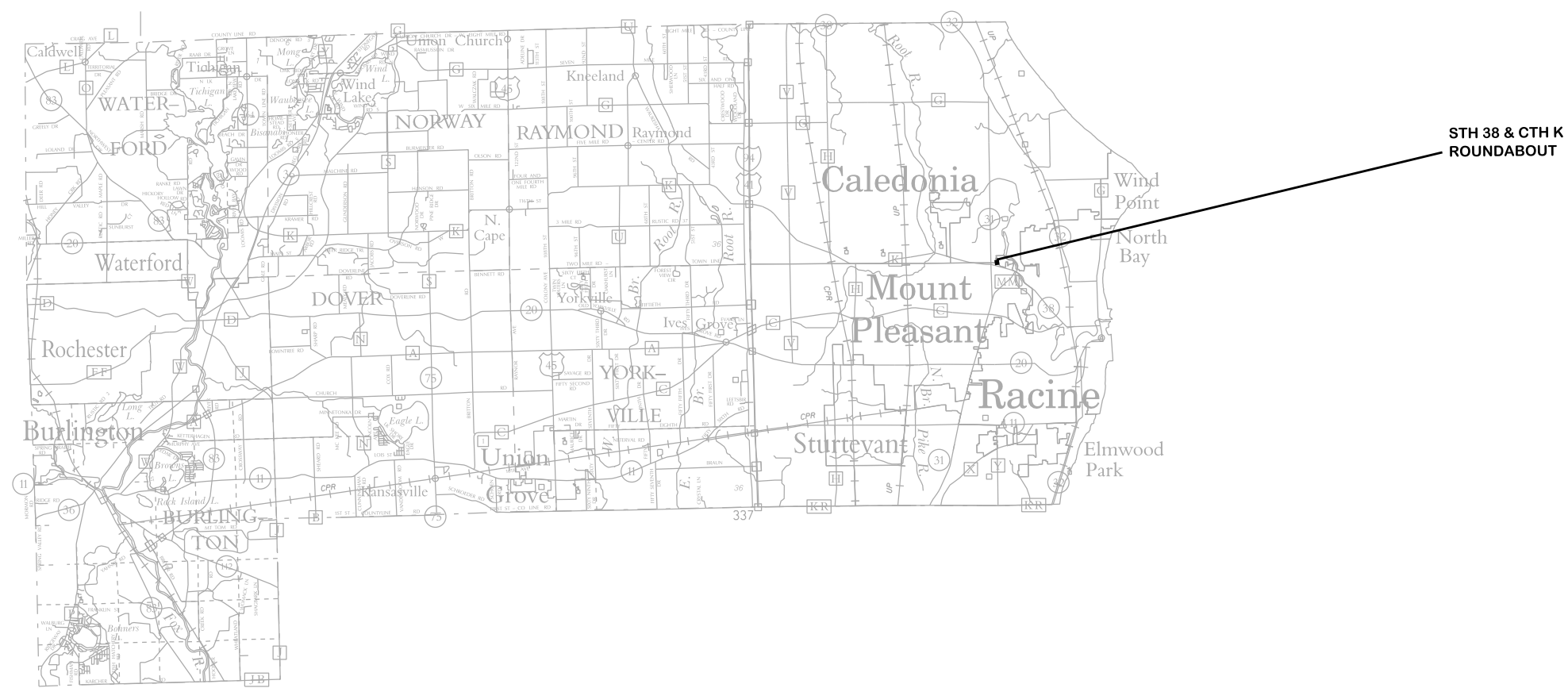
IH 94
15.4 MILES
STH 16 TO WAUKESHA COUNTY

USH 18 (W. SUMMIT AVE.)
0.1 MILES
ROUNDBOUT AT BLACKWOOD DRIVE

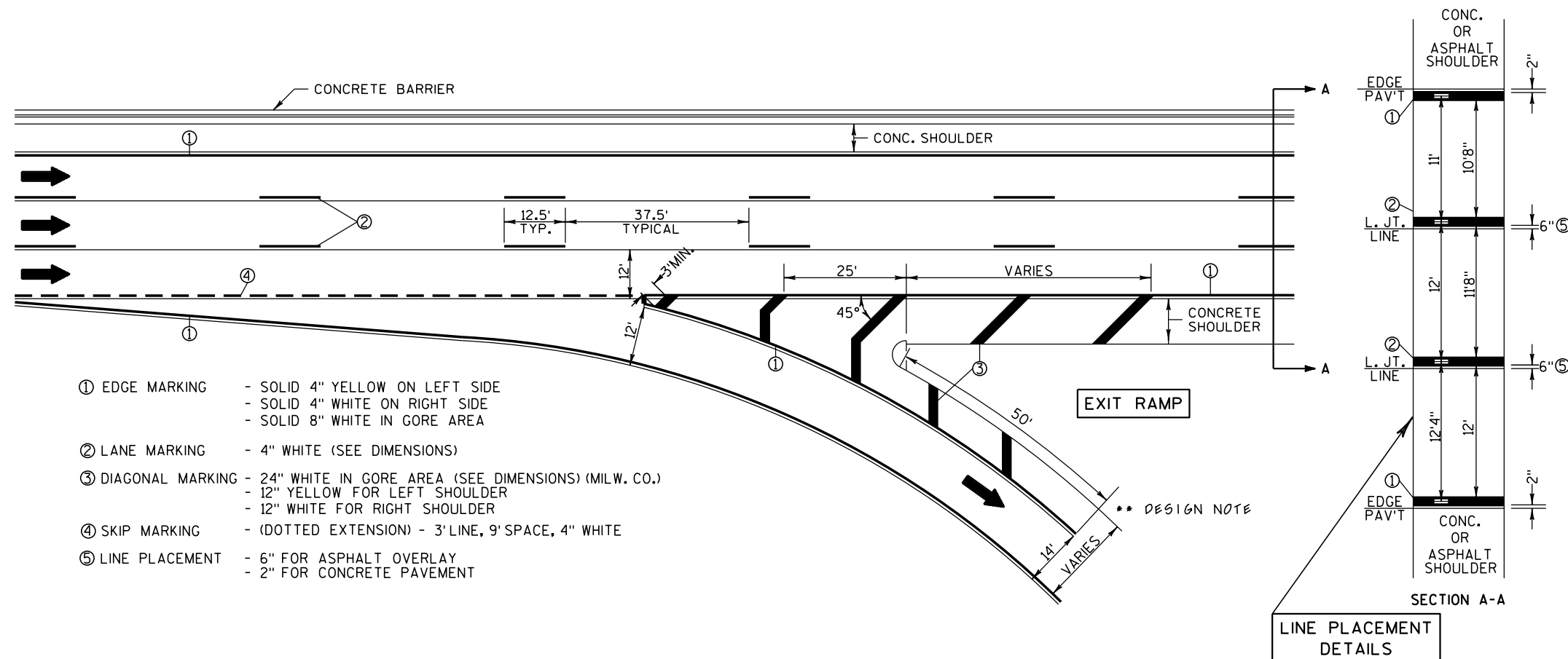






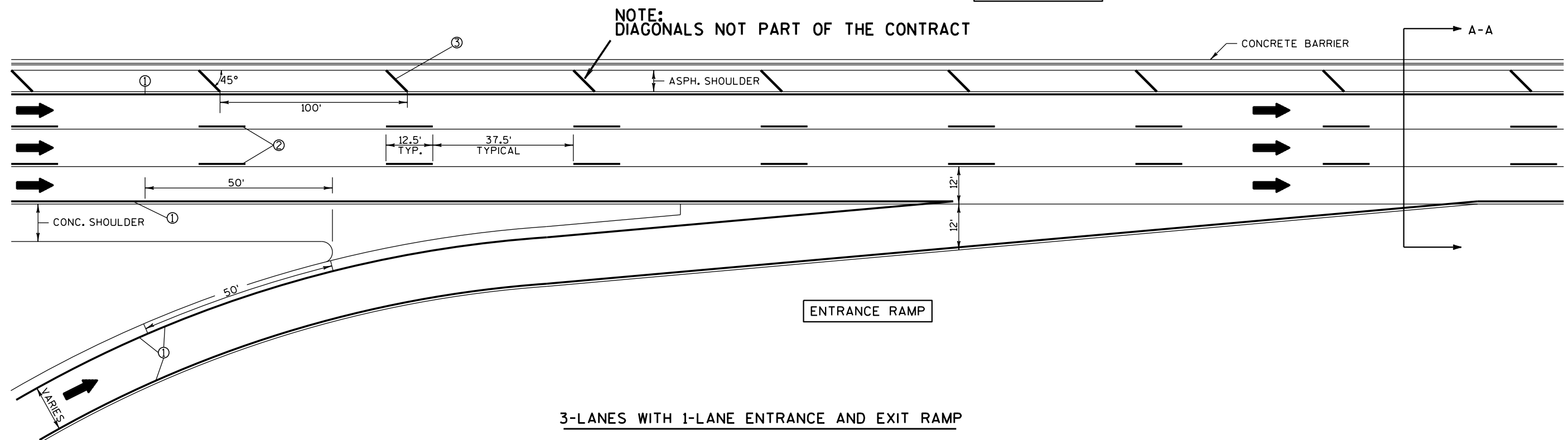


STH 38 & CTH K
ROUNDABOUT



NOTES:

1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.
6. SEE STANDARD DETAIL DRAWING FOR RAISED PAVEMENT MARKERS IN GORE AND LINE WIDTH TOLERANCES.



DESIGN NOTES ARE LOCATED ON LEVEL 63
GORES, FREEWAYS, & EXPRESSWAYS (EPOXY)

PROJECT NO: 1000-77-14

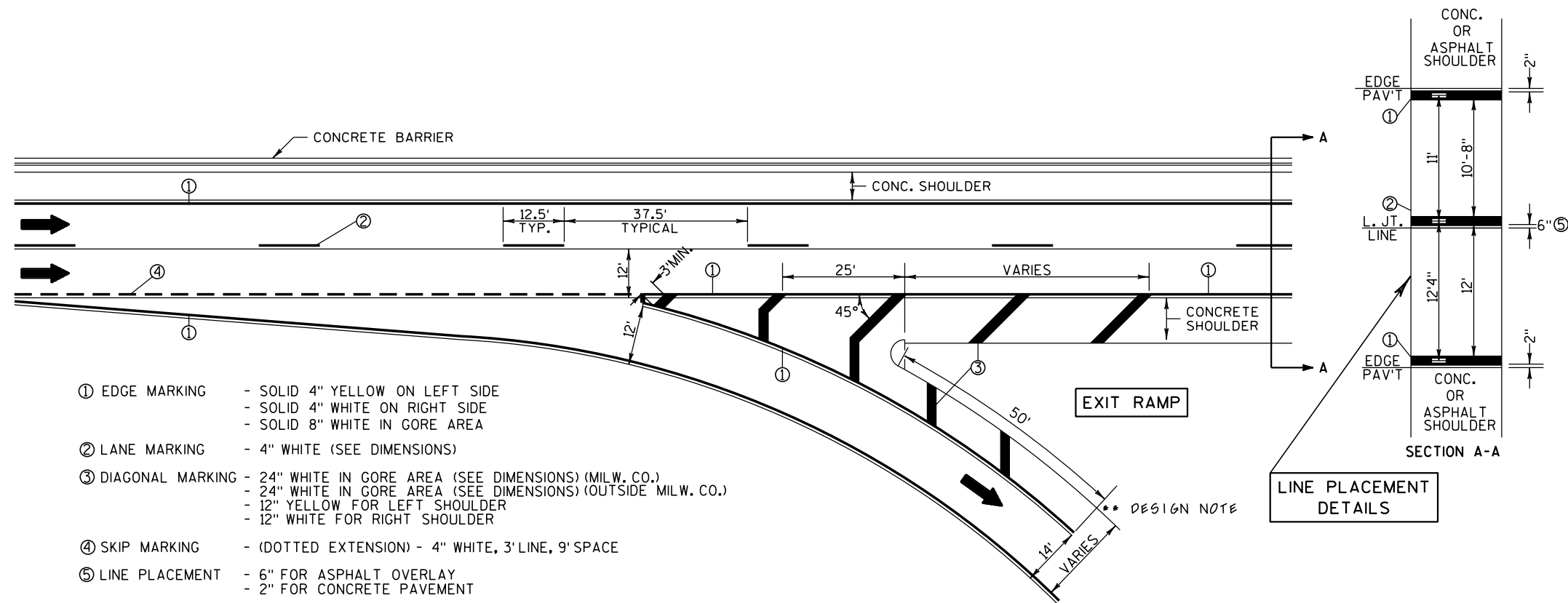
HWY: VARIES

COUNTY: VARIOUS

PAVEMENT MARKING DETAIL

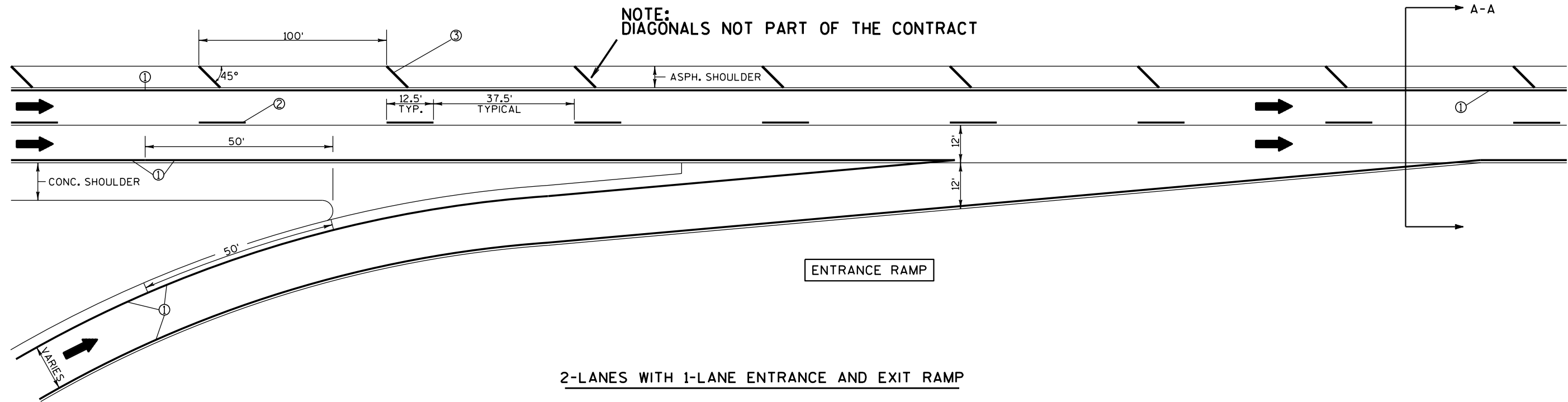
SHEET

E



NOTES:

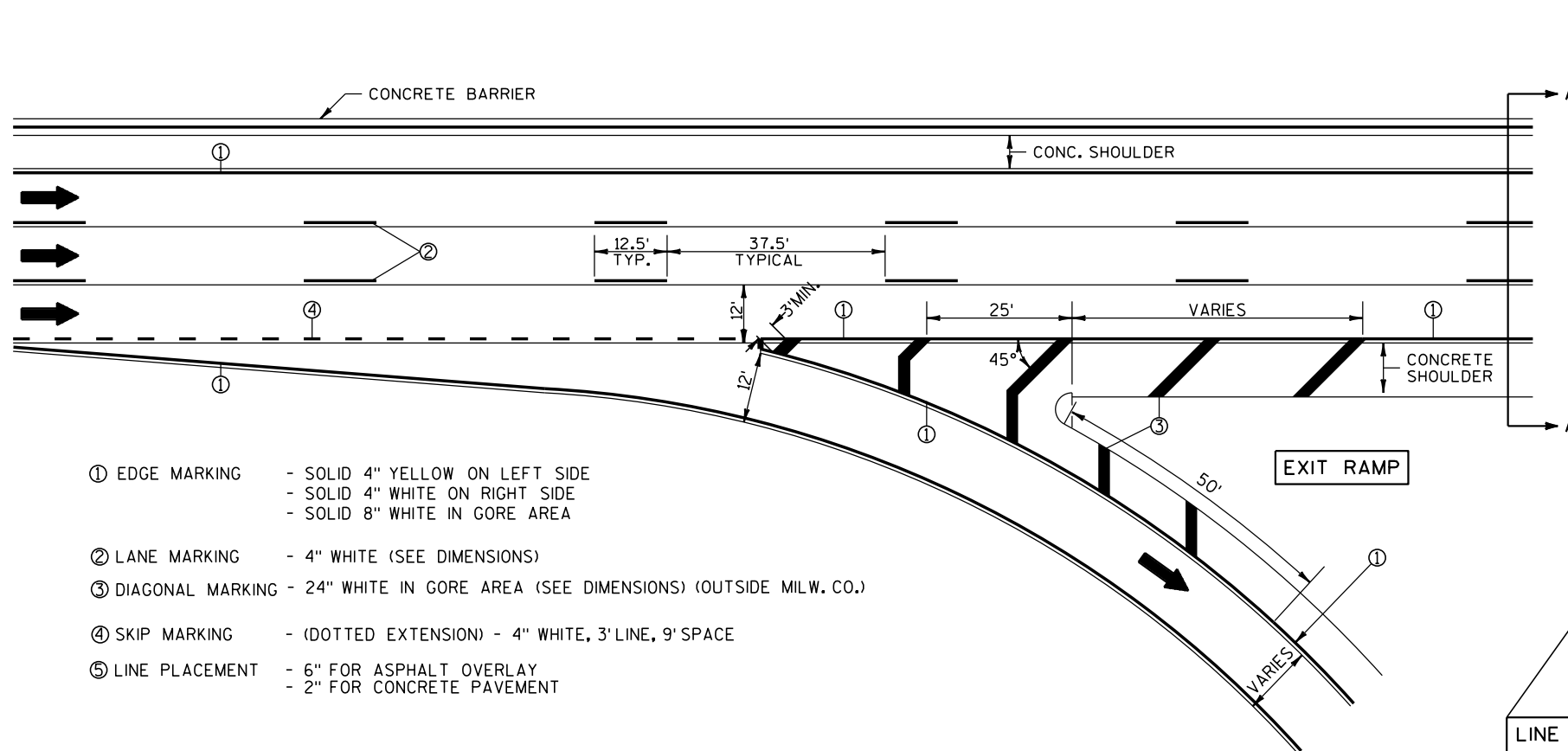
1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.
6. SEE STANDARD DETAIL DRAWING FOR RAISED PAVEMENT MARKERS IN GORE AND LINE WIDTH TOLERANCES.



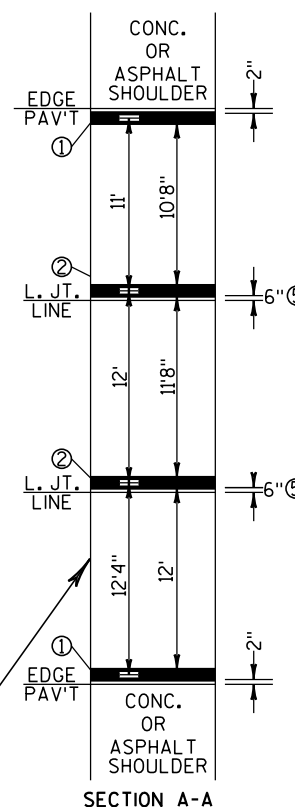
2-LANES WITH 1-LANE ENTRANCE AND EXIT RAMP

GORES, FREEWAYS, & EXPRESSWAYS (EPOXY)

RACINE, KENOSHA, WALWORTH, WALKESHA,
OZAUKEE & WASHINGTON COUNTIES



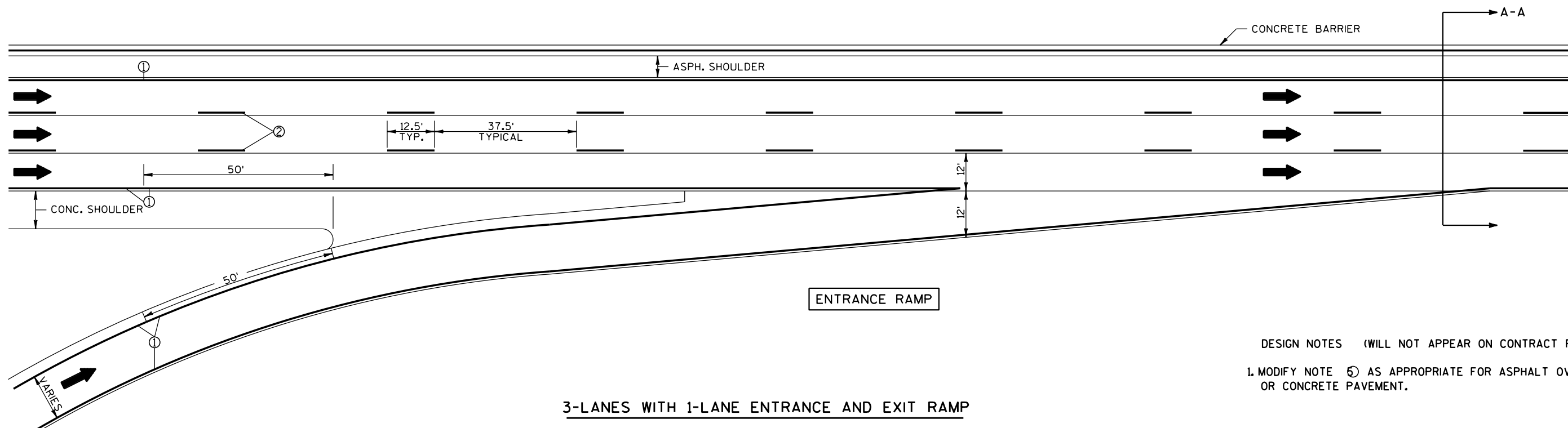
- ① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE
- SOLID 8" WHITE IN GORE AREA
- ② LANE MARKING - 4" WHITE (SEE DIMENSIONS)
- ③ DIAGONAL MARKING - 24" WHITE IN GORE AREA (SEE DIMENSIONS) (OUTSIDE MILW. CO.)
- ④ SKIP MARKING - (DOTTED EXTENSION) - 4" WHITE, 3' LINE, 9' SPACE
- ⑤ LINE PLACEMENT - 6" FOR ASPHALT OVERLAY
- 2" FOR CONCRETE PAVEMENT



LINE PLACEMENT
DETAILS

NOTES:

1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
2. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
3. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
4. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.
5. SEE STANDARD DETAIL DRAWING FOR RAISED PAVEMENT MARKERS IN GORE AND LINE WIDTH TOLERANCES.



ENTRANCE RAMP

DESIGN NOTES (WILL NOT APPEAR ON CONTRACT PLANS)

1. MODIFY NOTE ⑤ AS APPROPRIATE FOR ASPHALT OVERLAY OR CONCRETE PAVEMENT.

3-LANES WITH 1-LANE ENTRANCE AND EXIT RAMP

GORES, FREEWAYS, & EXPRESSWAYS

PROJECT NO: 1000-77-14

HWY: VARIES

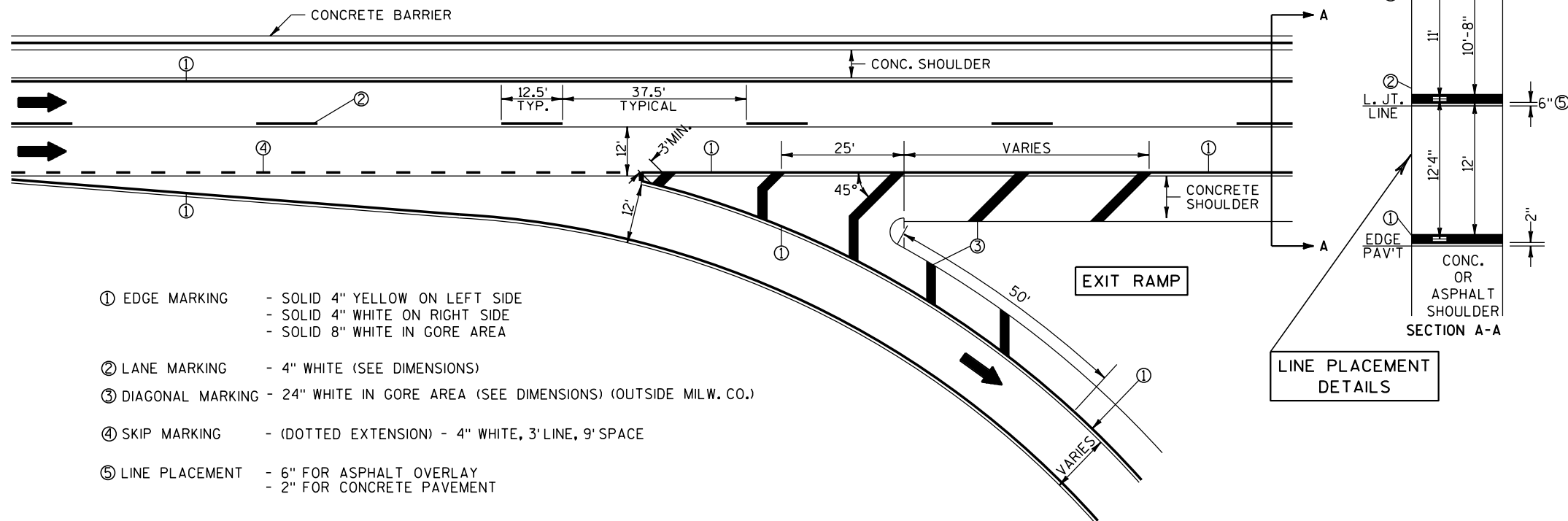
COUNTY: VARIOUS

EPOXY PAVEMENT MARKING, RAMPS

SHEET

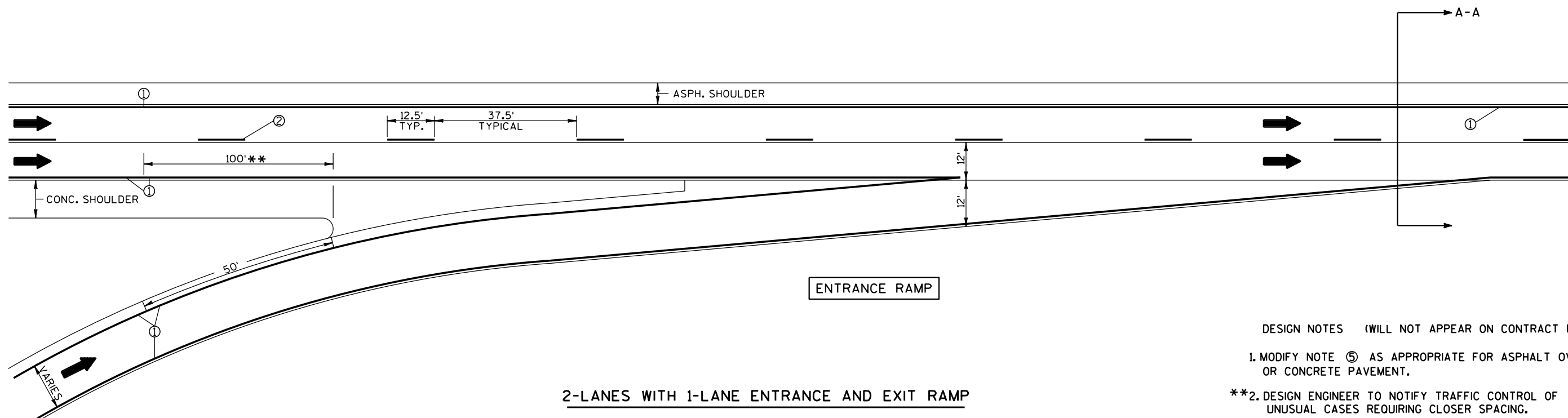
E

RACINE, KENOSHA, WALWORTH, WAUKESHA,
OZAUKEE & WASHINGTON COUNTIES



NOTES:

1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
2. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
3. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
4. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.
5. SEE STANDARD DETAIL DRAWING FOR RAISED PAVEMENT MARKERS IN GORE AND LINE WIDTH TOLERANCES.



DESIGN NOTES (WILL NOT APPEAR ON CONTRACT PLANS)

1. MODIFY NOTE ⑤ AS APPROPRIATE FOR ASPHALT OVERLAY OR CONCRETE PAVEMENT.
- **2. DESIGN ENGINEER TO NOTIFY TRAFFIC CONTROL OF UNUSUAL CASES REQUIRING CLOSER SPACING.

GORES, FREEWAYS, & EXPRESSWAYS

PROJECT NO: 1000-77-14

HWY: VARIES

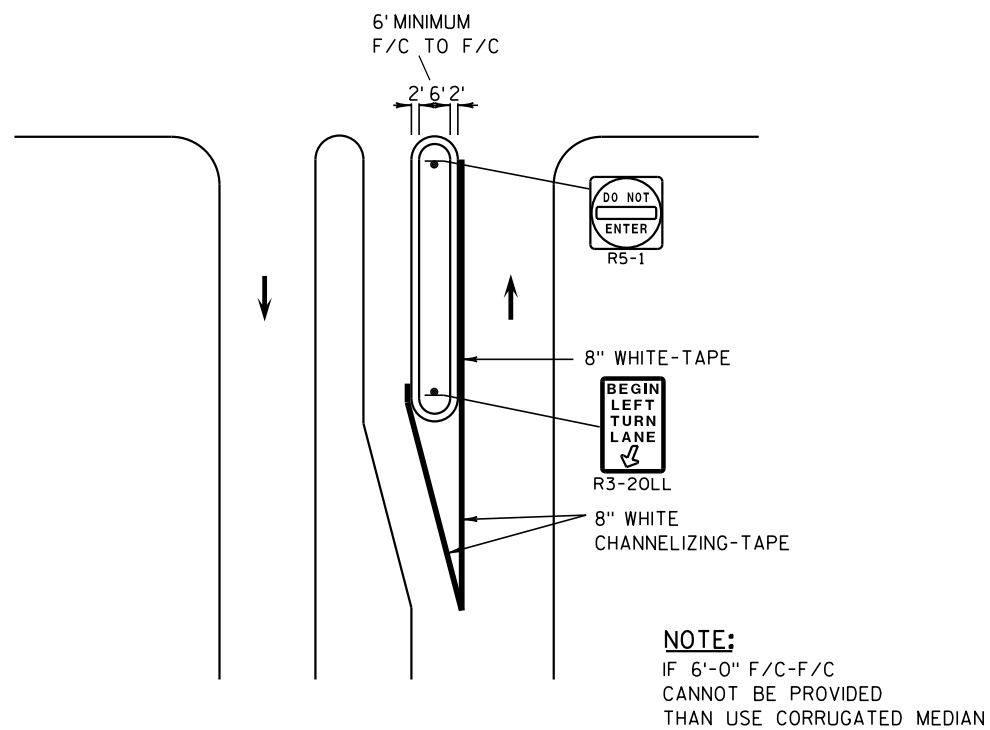
COUNTY: VARIOUS

EPOXY PAVEMENT MARKING, RAMPS

SHEET

E

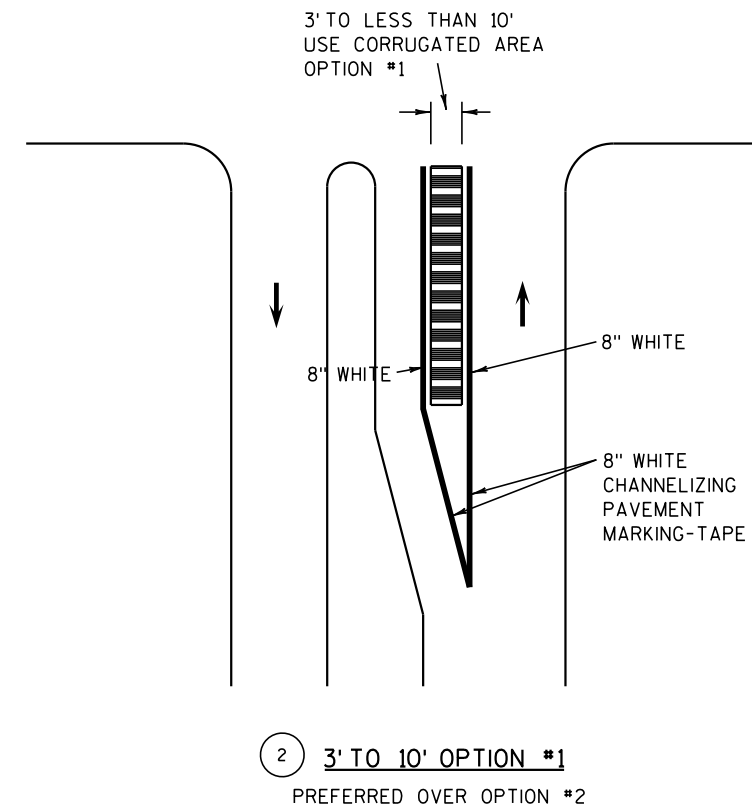
2



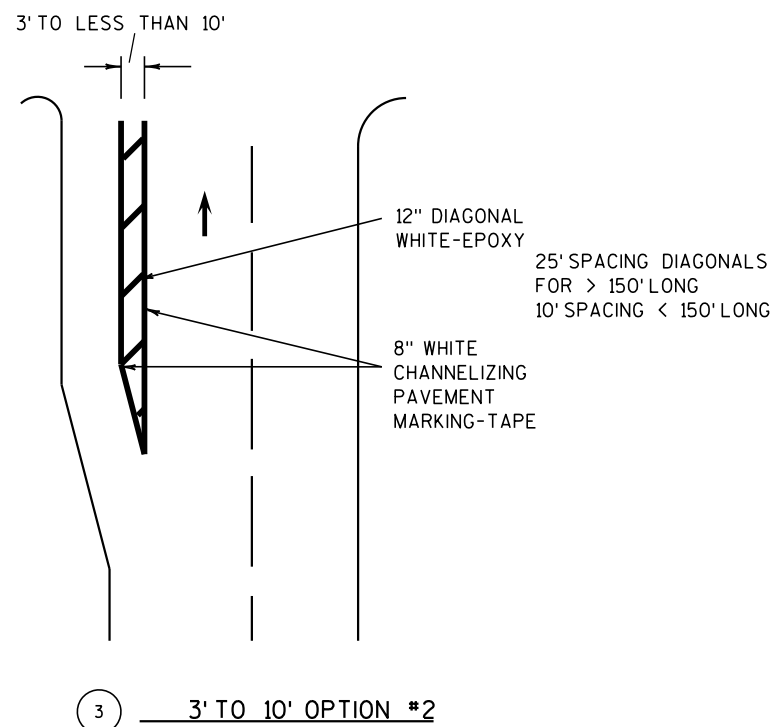
① 10' OR GREATER
CURB & GUTTER LEFT TURN SLOT

NOTE:
IF 6'-0\" F/C-F/C
CANNOT BE PROVIDED
THAN USE CORRUGATED MEDIAN

2



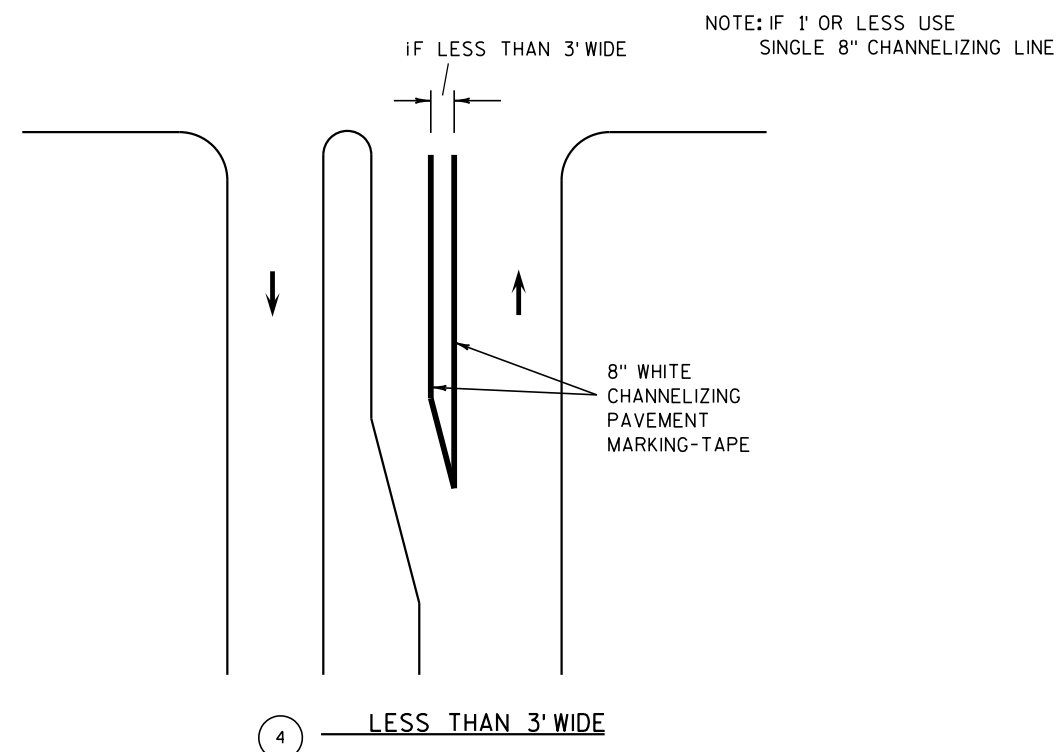
② 3' TO 10' OPTION #1
PREFERRED OVER OPTION #2



③ 3' TO 10' OPTION #2

SLOTTED LEFT TURN LANE TREATMENT

- ① 10' OR GREATER
- ② 3' TO 10' OPTION #1
- ③ 3' TO 10' OPTION #2
- ④ LESS THAN 3'-0"



④ LESS THAN 3' WIDE

PAVEMENT MARKING

SHEET 1 OF 2

PROJECT NO:1000-77-14

HWY: VARIOUS

COUNTY: VARIOUS

CONSTRUCTION DETAIL- SLOTTED LEFT TURN LANES

SHEET

E

FILE NAME : J:\projects\d2_pavmark\d2_10007714\PLMTTURNS2.dgn

PLOT DATE : 04-DEC-2014 10:43

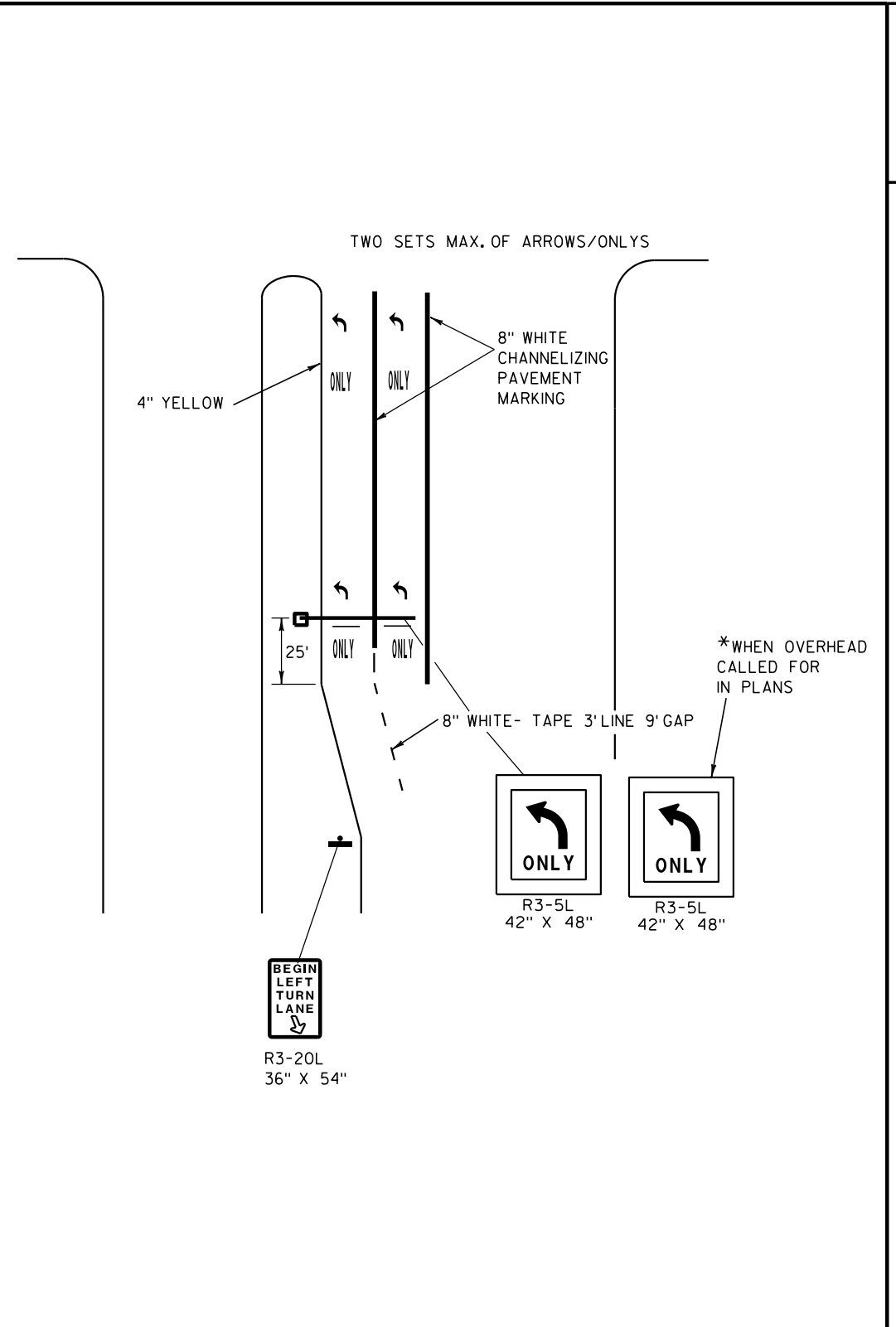
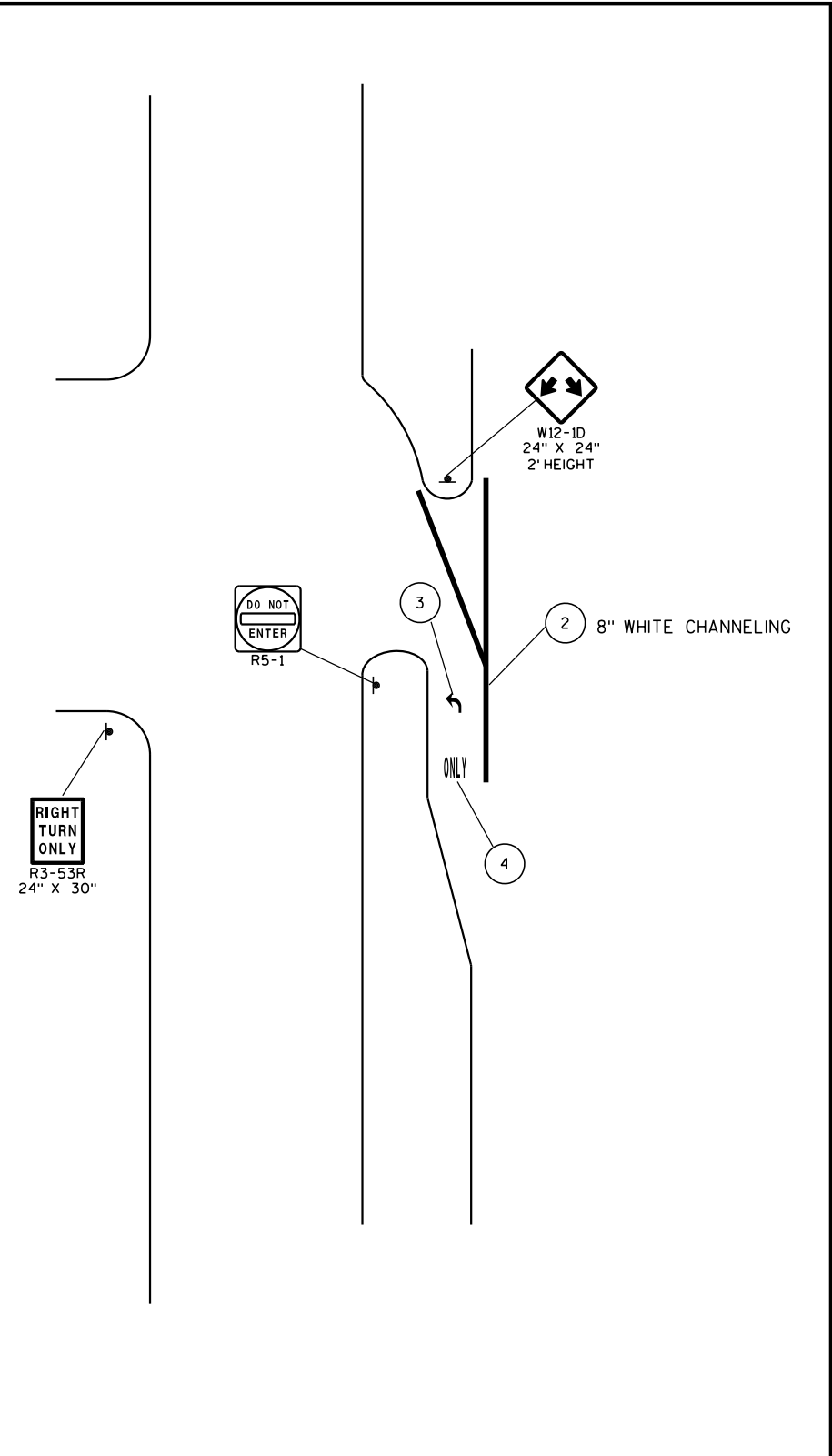
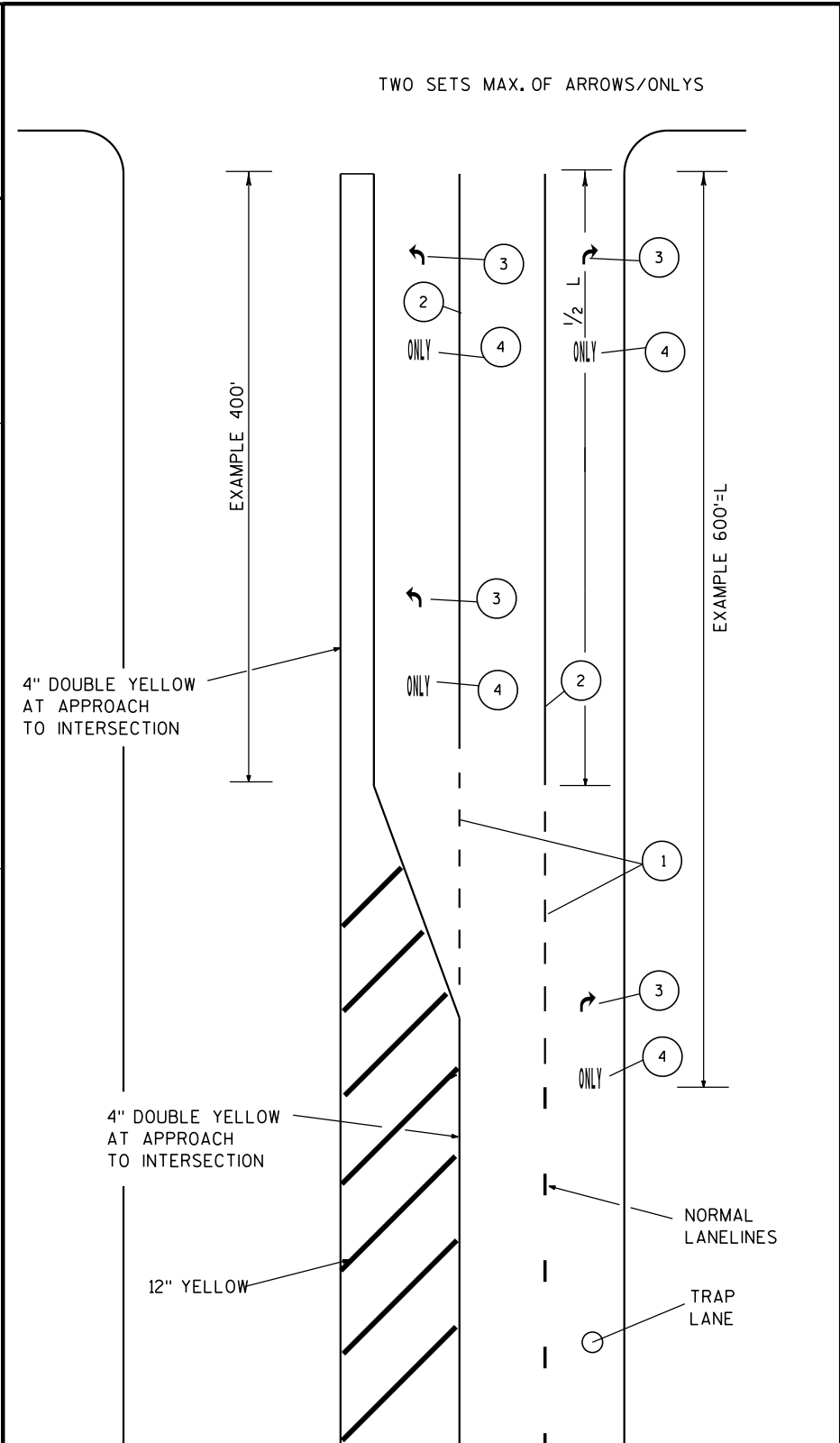
PLOT BY : mscpp1

PLOT NAME :

PLOT SCALE : 200:1

WISDOT/CADDs SHEET 42

2



- 1 8" WHITE (3' LINE, 9' GAP)
- 2 8" SOLID WHITE
- 3 ARROW TYPE 2
- 4 WORD

*CONTACT TRAFFIC OPERATIONS TOM HEYDEL FOR SPEC OR WEBSITE
http://dotnet/dtd_bho/extranet/manuals/index.shtml
 traffic hot topics reference list/special provisions

**SEE REGION MATRIX OF MATERIALS FOR TYPE OF PAVEMENT MARKING PRODUCT TO USE
CONTACT TOM HEYDEL

SHEET 2 OF 2

PROJECT NO: 1000-77-14

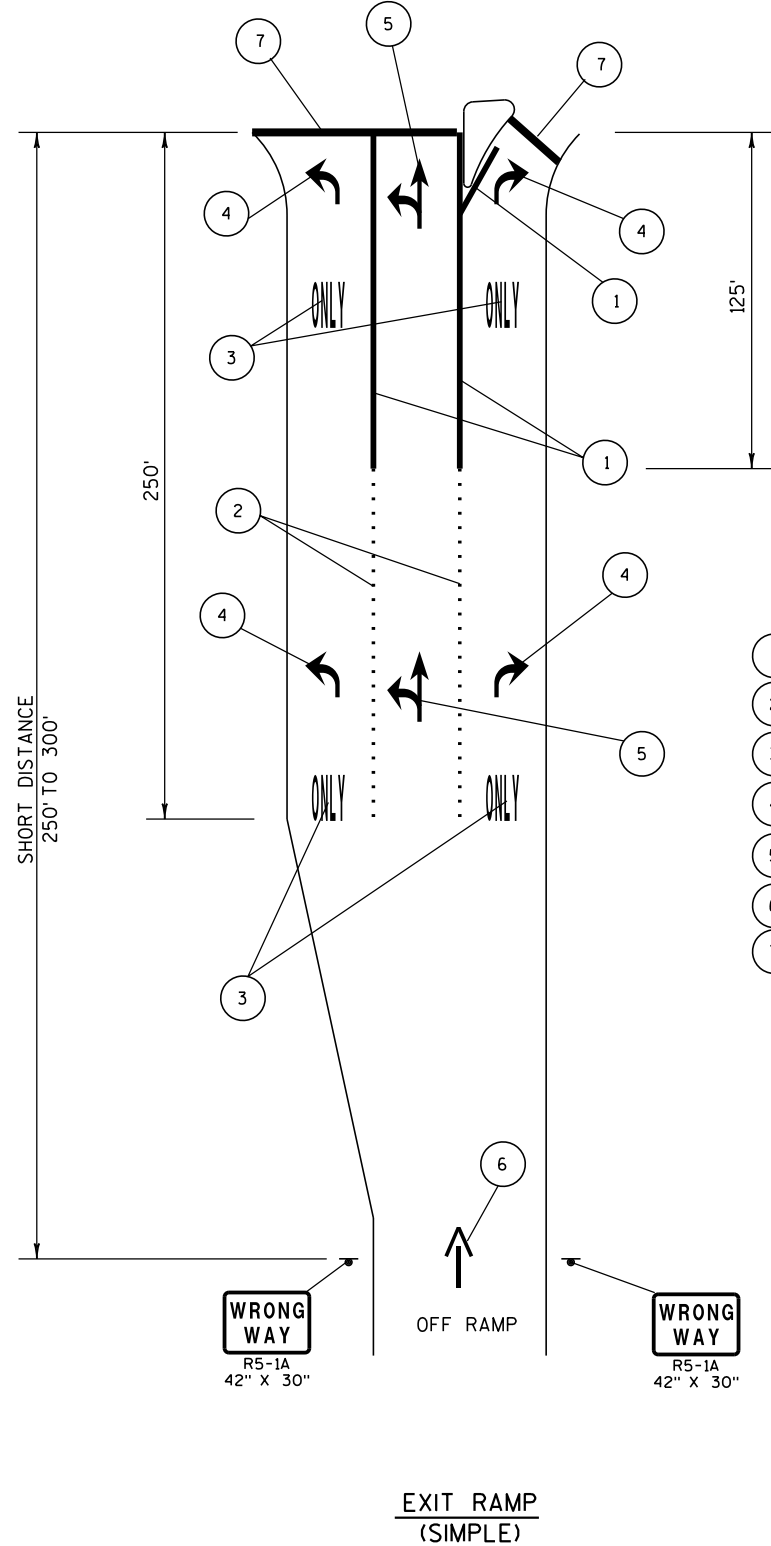
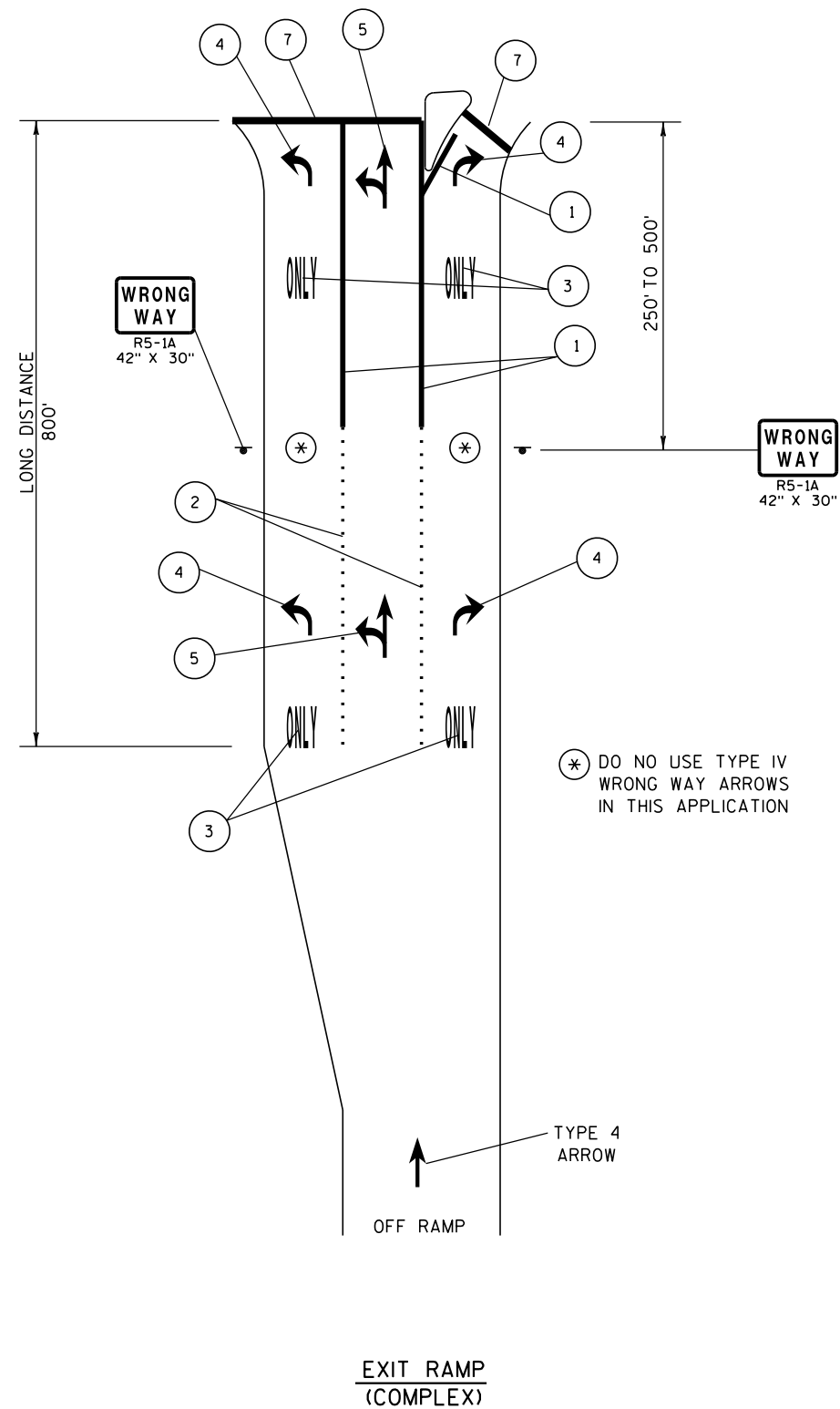
HWY: VARIOUS

COUNTY: VARIOUS

CONSTRUCTION DETAIL-TURN LANE PAVEMENT MARKING

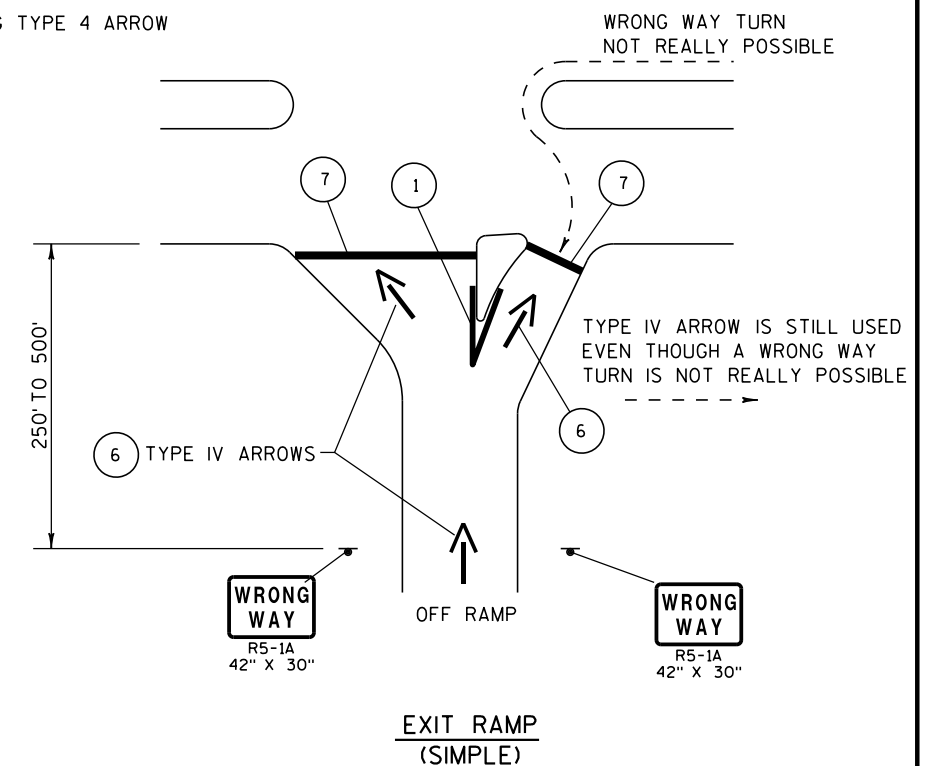
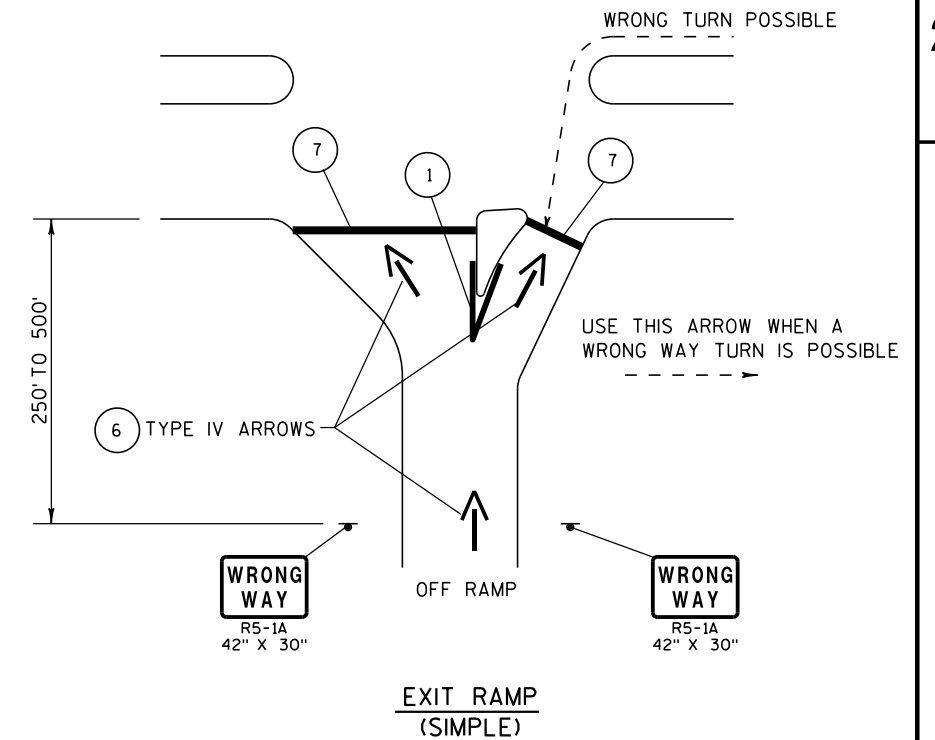
SHEET

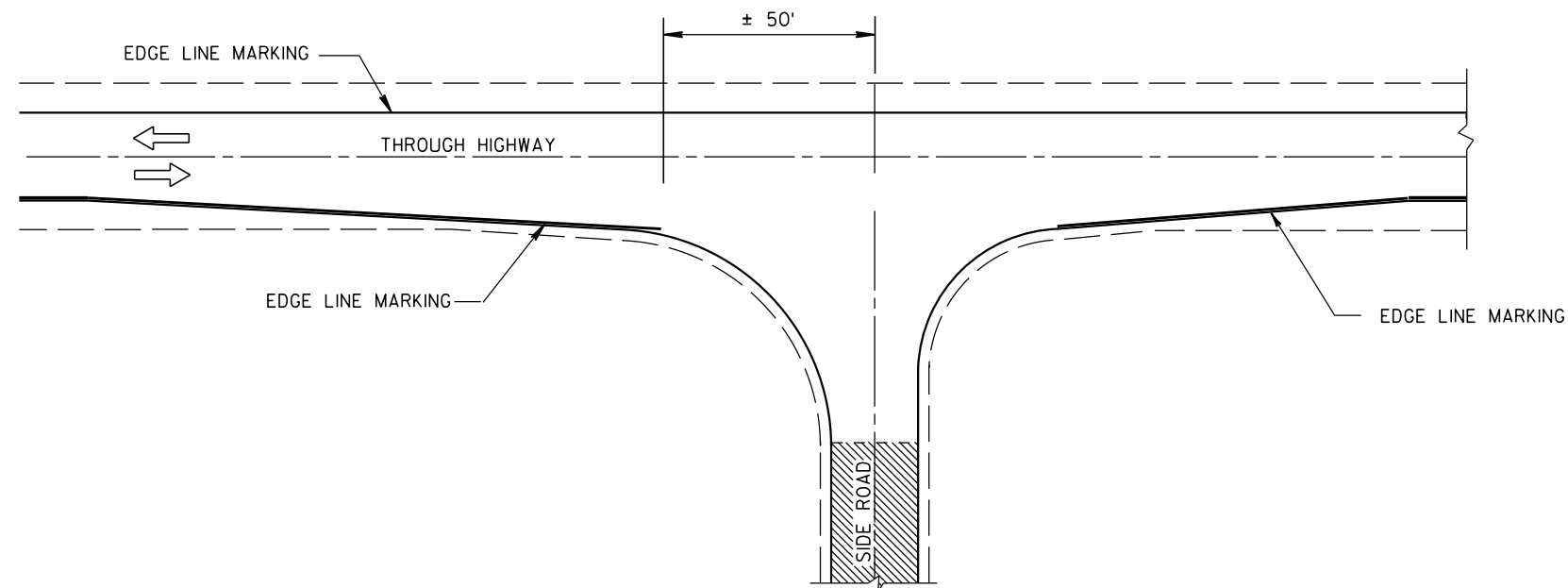
E



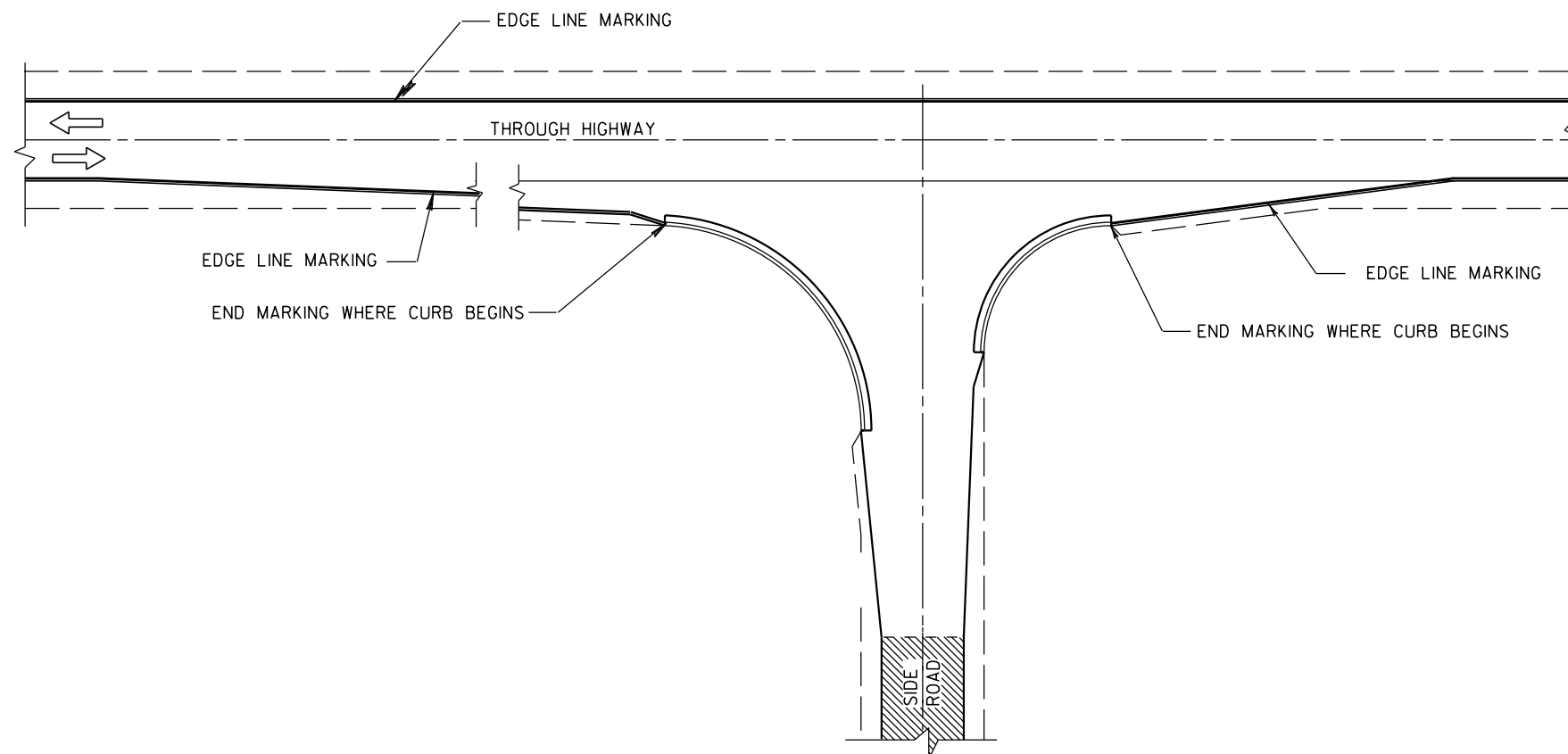
LEGEND

- 1 PAVEMENT MARKING 8" CHANNELIZING WHITE
- 2 PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)
- 3 PAVEMENT MARKING WORDS
- 4 PAVEMENT MARKING TYPE 2 ARROW
- 5 PAVEMENT MARKING TYPE 3 ARROW
- 6 PAVEMENT MARKING TYPE 4 ARROW
- 7 18" STOP BAR

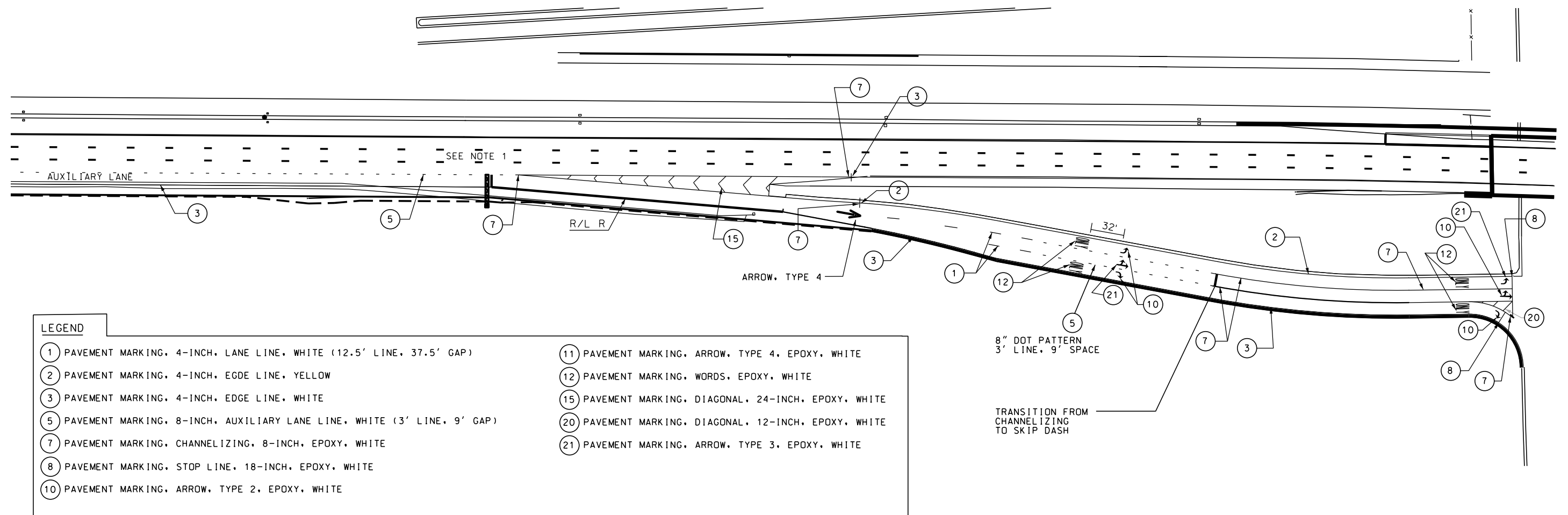




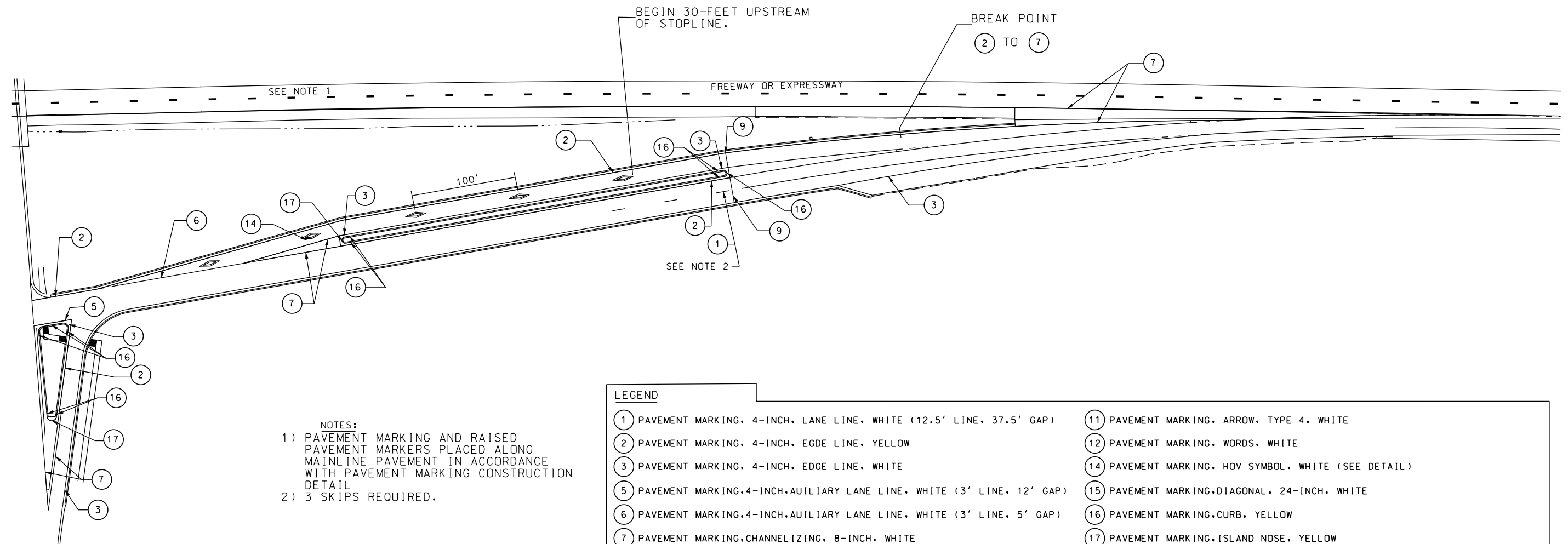
MINOR INTERSECTION WITHOUT CURBS
(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



TYPICAL OFF-RAMP PAVEMENT MARKING WITH MULTIPLE LANES



LEGEND

- | | |
|---|---|
| (1) PAVEMENT MARKING, 4-INCH, LANE LINE, WHITE (12.5' LINE, 37.5' GAP) | (11) PAVEMENT MARKING, ARROW, TYPE 4, WHITE |
| (2) PAVEMENT MARKING, 4-INCH, EDGE LINE, YELLOW | (12) PAVEMENT MARKING, WORDS, WHITE |
| (3) PAVEMENT MARKING, 4-INCH, EDGE LINE, WHITE | (14) PAVEMENT MARKING, HOV SYMBOL, WHITE (SEE DETAIL) |
| (5) PAVEMENT MARKING, 4-INCH, AUXILIARY LANE LINE, WHITE (3' LINE, 12' GAP) | (15) PAVEMENT MARKING, DIAGONAL, 24-INCH, WHITE |
| (6) PAVEMENT MARKING, 4-INCH, AUXILIARY LANE LINE, WHITE (3' LINE, 5' GAP) | (16) PAVEMENT MARKING, CURB, YELLOW |
| (7) PAVEMENT MARKING, CHANNELIZING, 8-INCH, WHITE | (17) PAVEMENT MARKING, ISLAND NOSE, YELLOW |
| (8) PAVEMENT MARKING, STOP LINE, 18-INCH, WHITE | |
| (9) PAVEMENT MARKING, STOP LINE, 18-INCH, WHITE | |
| (10) PAVEMENT MARKING, ARROW, TYPE 2, WHITE | |

TYPICAL RAMP METER AND HOV LANE MARKING

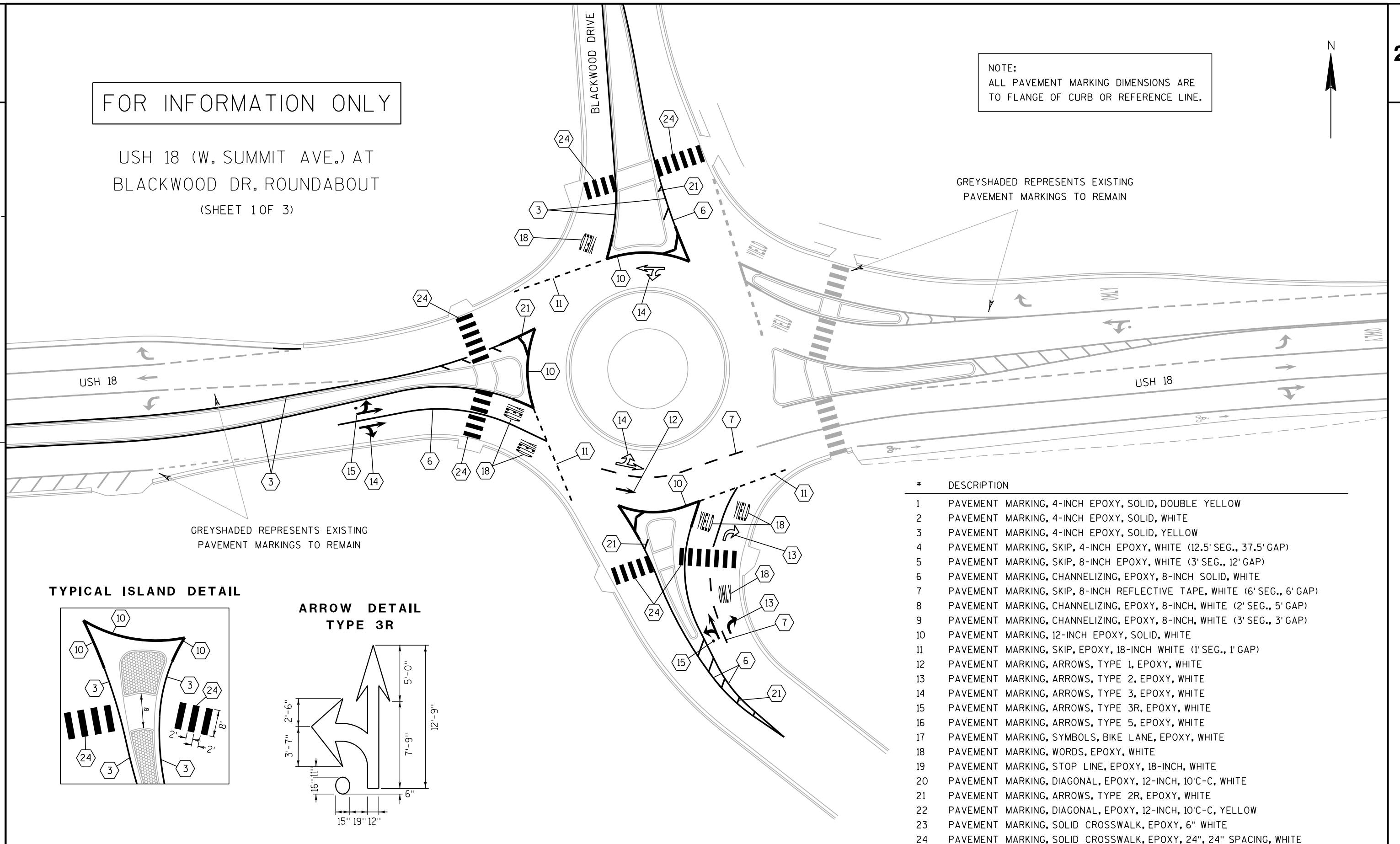
FOR INFORMATION ONLY

USH 18 (W. SUMMIT AVE.) AT
BLACKWOOD DR. ROUNDABOUT
(SHEET 1 OF 3)

NOTE:
ALL PAVEMENT MARKING DIMENSIONS ARE
TO FLANGE OF CURB OR REFERENCE LINE.

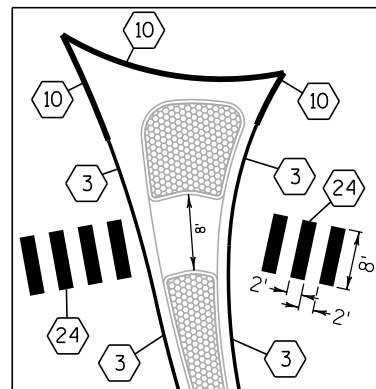
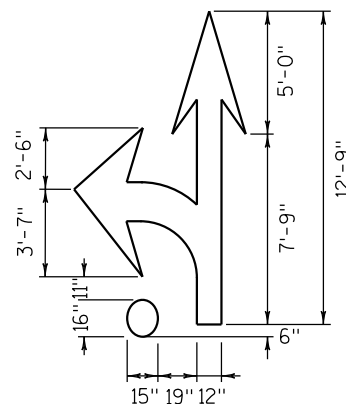


GREYSHADED REPRESENTS EXISTING
PAVEMENT MARKINGS TO REMAIN



GREYSHADED REPRESENTS EXISTING
PAVEMENT MARKINGS TO REMAIN

TYPICAL ISLAND DETAIL

ARROW DETAIL
TYPE 3R

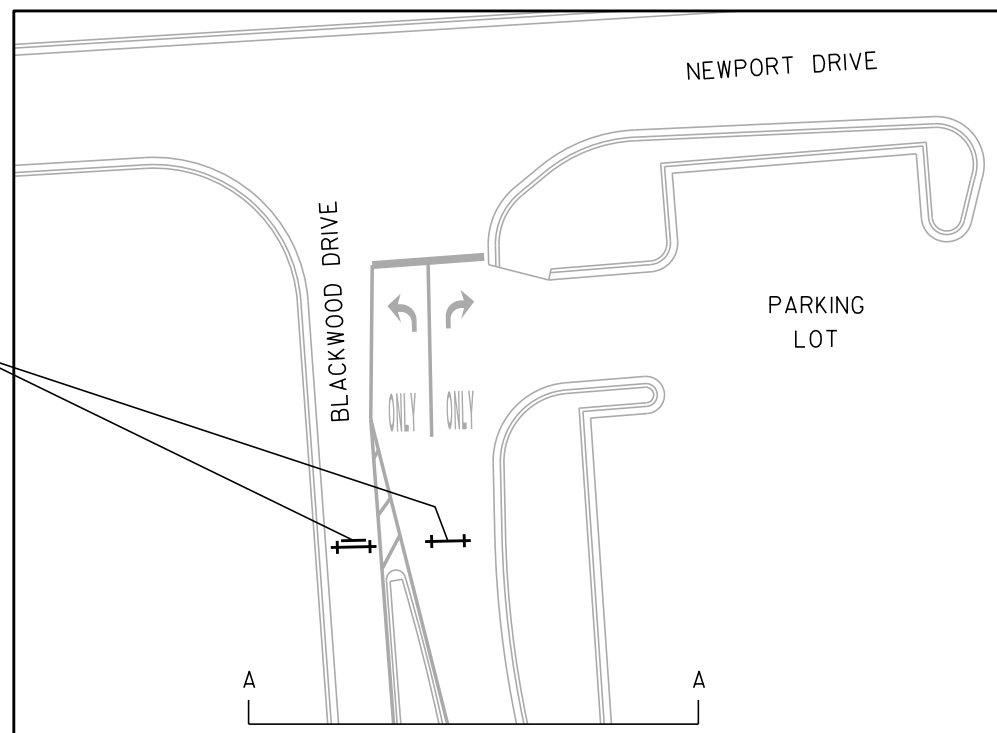
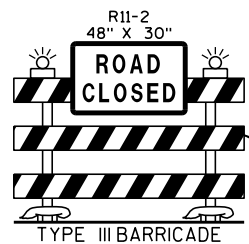
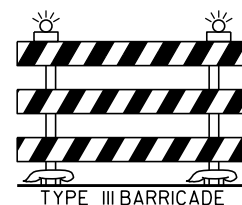
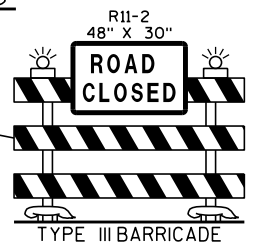
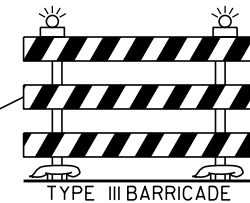
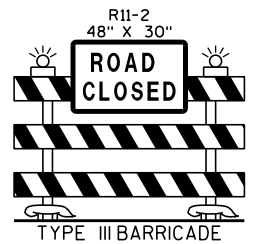
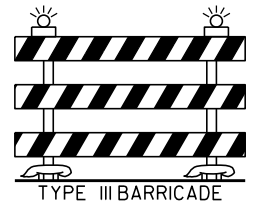
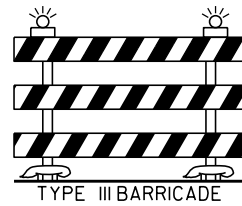
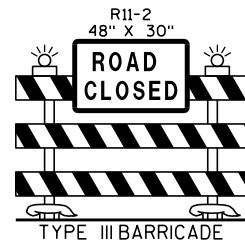
#	DESCRIPTION
1	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, DOUBLE YELLOW
2	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, WHITE
3	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, YELLOW
4	PAVEMENT MARKING, SKIP, 4-INCH EPOXY, WHITE (12.5' SEG., 37.5' GAP)
5	PAVEMENT MARKING, SKIP, 8-INCH EPOXY, WHITE (3' SEG., 12' GAP)
6	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH SOLID, WHITE
7	PAVEMENT MARKING, SKIP, 8-INCH REFLECTIVE TAPE, WHITE (6' SEG., 6' GAP)
8	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH, WHITE (2' SEG., 5' GAP)
9	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH, WHITE (3' SEG., 3' GAP)
10	PAVEMENT MARKING, 12-INCH EPOXY, SOLID, WHITE
11	PAVEMENT MARKING, SKIP, EPOXY, 18-INCH WHITE (1' SEG., 1' GAP)
12	PAVEMENT MARKING, ARROWS, TYPE 1, EPOXY, WHITE
13	PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY, WHITE
14	PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY, WHITE
15	PAVEMENT MARKING, ARROWS, TYPE 3R, EPOXY, WHITE
16	PAVEMENT MARKING, ARROWS, TYPE 5, EPOXY, WHITE
17	PAVEMENT MARKING, SYMBOLS, BIKE LANE, EPOXY, WHITE
18	PAVEMENT MARKING, WORDS, EPOXY, WHITE
19	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH, WHITE
20	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH, 10'C-C, WHITE
21	PAVEMENT MARKING, ARROWS, TYPE 2R, EPOXY, WHITE
22	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH, 10'C-C, YELLOW
23	PAVEMENT MARKING, SOLID CROSSWALK, EPOXY, 6" WHITE
24	PAVEMENT MARKING, SOLID CROSSWALK, EPOXY, 24", 24" SPACING, WHITE

FOR INFORMATION ONLY

USH 18 (W. SUMMIT AVE.) AT
BLACKWOOD DR. ROUNDABOUT
(SHEET 2 OF 3)

LEGEND

- ⊢⊢ TRAFFIC CONTROL BARRICADE, TYPE III
- ⊢⊢ TRAFFIC CONTROL BARRICADE, TYPE II, WITH SIGN



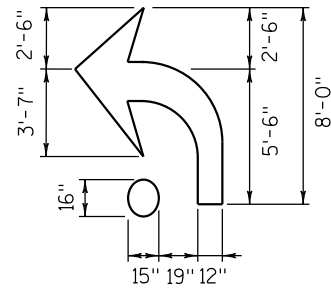
CTH

200'

FOR INFORMATION ONLY

STH 38 AT CTH K
ROUNDAABOUT
(SHEET 1 OF 3)

ARROW DETAIL
TYPE 2R



PROJECT LIMIT 520' WEST
OF CENTER OF ROUNDAABOUT

PROJECT LIMIT 550' NORTH
OF CENTER OF ROUNDAABOUT

PROJECT LIMIT 390' EAST
OF CENTER OF ROUNDAABOUT

#	DESCRIPTION
1	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, DOUBLE YELLOW
2	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, WHITE
3	PAVEMENT MARKING, 4-INCH EPOXY, SOLID, YELLOW
4	PAVEMENT MARKING, SKIP, 4-INCH EPOXY, WHITE (12.5' SEG., 37.5' GAP)
5	PAVEMENT MARKING, SKIP, 8-INCH EPOXY, WHITE (3' SEG., 12' GAP)
6	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH SOLID, WHITE
7	PAVEMENT MARKING, SKIP, 8-INCH REFLECTIVE TAPE, WHITE (6' SEG., 6' GAP)
8	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH, WHITE (2' SEG., 5' GAP)
9	PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH, WHITE (3' SEG., 3' GAP)
10	PAVEMENT MARKING, 12-INCH EPOXY, SOLID, WHITE
11	PAVEMENT MARKING, SKIP, EPOXY, 18-INCH WHITE (1' SEG., 1' GAP)
12	PAVEMENT MARKING, ARROWS, TYPE 1, EPOXY, WHITE
13	PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY, WHITE
14	PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY, WHITE
15	PAVEMENT MARKING, ARROWS, TYPE 3R, EPOXY, WHITE
16	PAVEMENT MARKING, ARROWS, TYPE 5, EPOXY, WHITE
17	PAVEMENT MARKING, SYMBOLS, BIKE LANE, EPOXY, WHITE
18	PAVEMENT MARKING, WORDS, EPOXY, WHITE
19	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH, WHITE
20	PAVEMENT MARKING, ARROWS, TYPE 2R, EPOXY, WHITE
21	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH, 10'C-C, WHITE
22	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH, 10'C-C, YELLOW
23	PAVEMENT MARKING, SOLID CROSSWALK, EPOXY, 6" WHITE
24	PAVEMENT MARKING, SOLID CROSSWALK, EPOXY, 24", 24" SPACING, WHITE



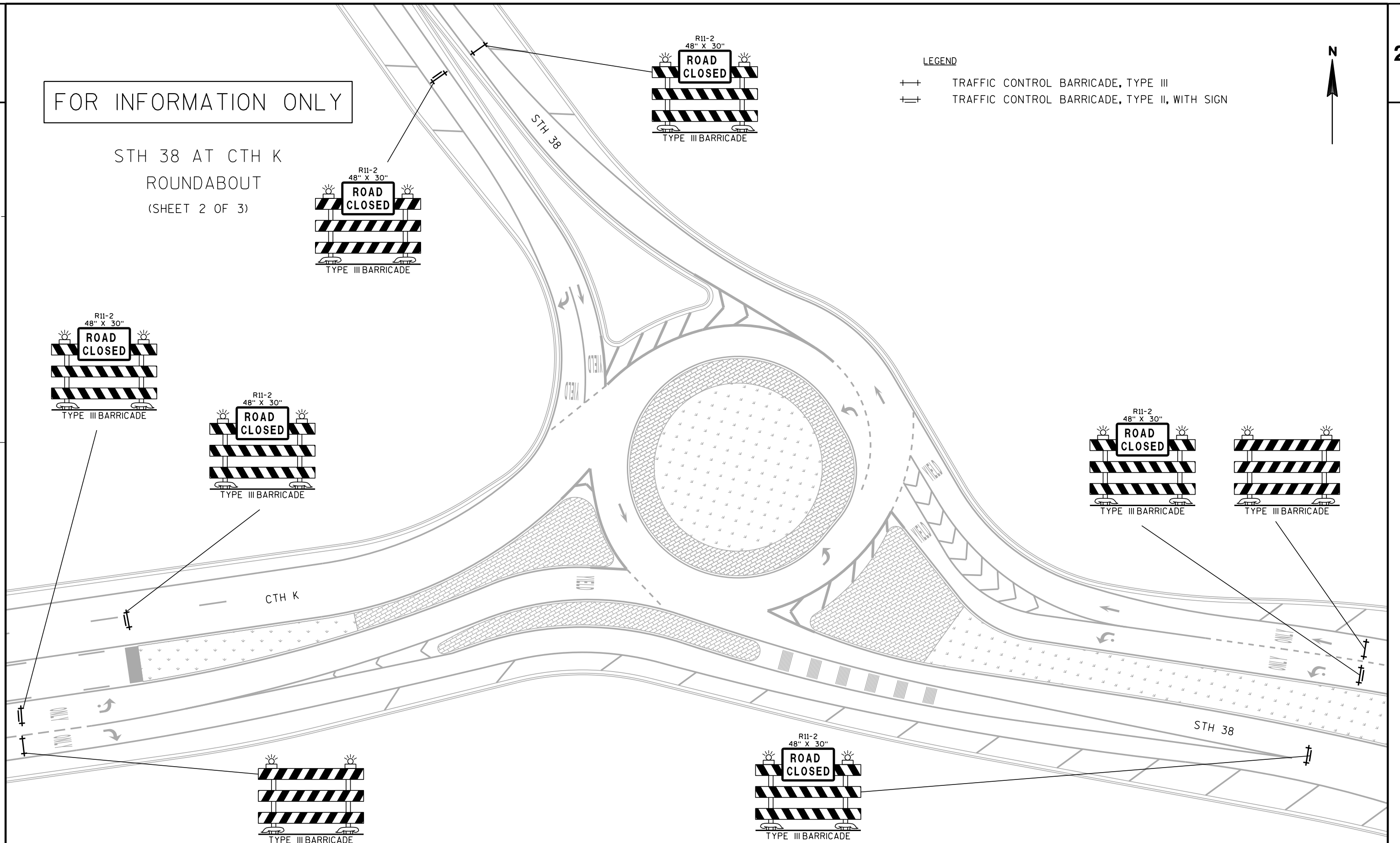
FOR INFORMATION ONLY

STH 38 AT CTH K
ROUNDAABOUT
(SHEET 2 OF 3)

LEGEND

- ⊢⊢ TRAFFIC CONTROL BARRICADE, TYPE III
⊢⊢ TRAFFIC CONTROL BARRICADE, TYPE II, WITH SIGN

N

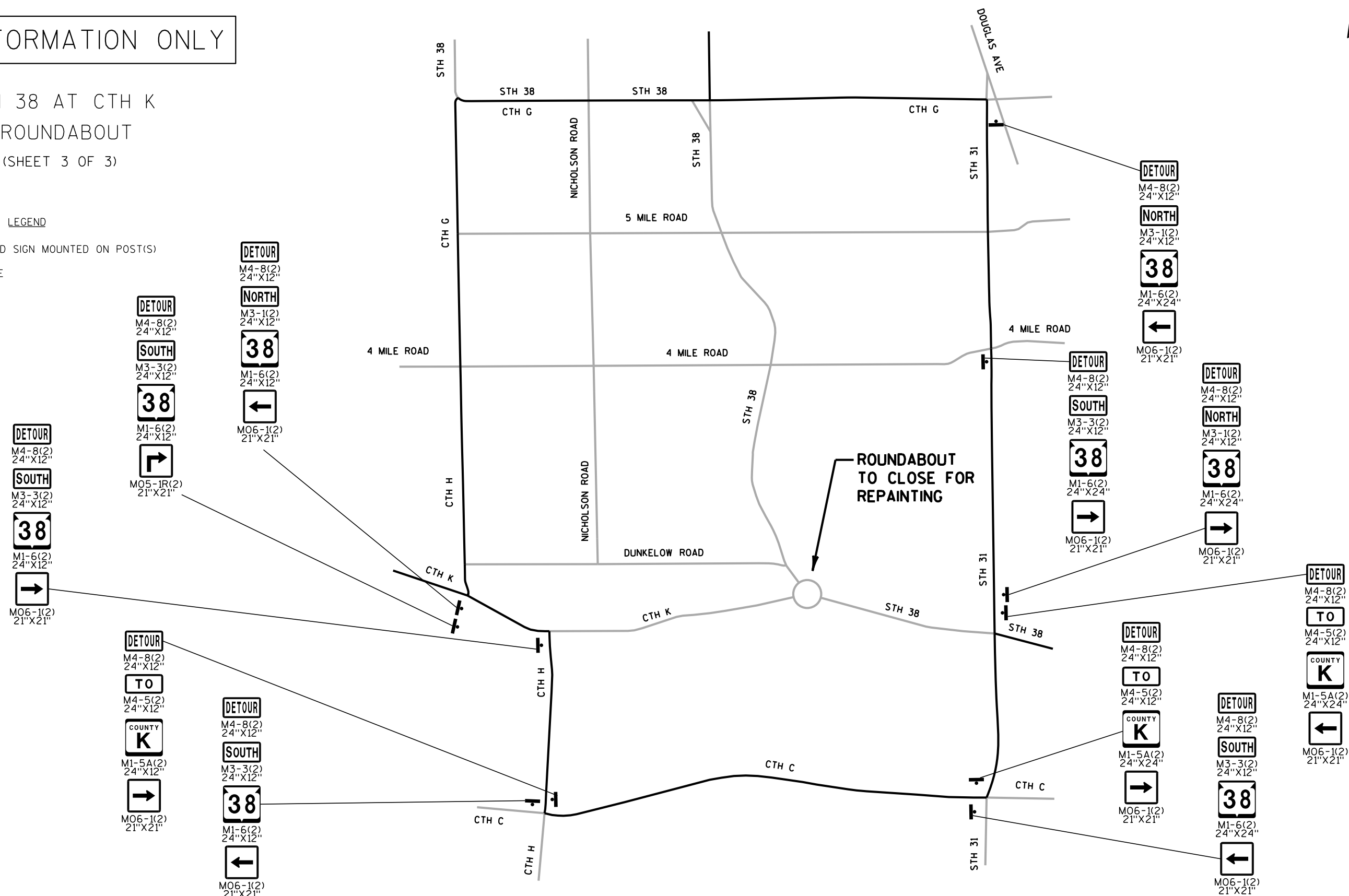


1

STH 38 AT CTH K
 ROUNDABOUT
 (SHEET 3 OF 3)

☐ PROPOSED SIGN MOUNTED ON POST(S) _____

(X) SIGN SIZE _____



DATE 18MAR15		E S T I M A T E O F Q U A N T I T I E S			
LINE				1000-77-14	
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	619.1000	Mobilization	EACH	1.000	1.000
0020	643.0100	Traffic Control (project) 001.	EACH	1.000	1.000
		1000-77-14			
0030	646.0106	Pavement Marking Epoxy 4-Inch	LF	6,444.000	6,444.000
0040	646.0126	Pavement Marking Epoxy 8-Inch	LF	1,849.000	1,849.000
0050	647.0156	Pavement Marking Arrows Epoxy Type 1	EACH	18.000	18.000
0060	647.0160	Pavement Marking Arrows Epoxy Type 2R	EACH	3.000	3.000
0070	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	132.000	132.000
0080	647.0170	Pavement Marking Arrows Epoxy Type 3R	EACH	2.000	2.000
0090	647.0176	Pavement Marking Arrows Epoxy Type 3	EACH	112.000	112.000
0100	647.0186	Pavement Marking Arrows Epoxy Type 4	EACH	43.000	43.000
0110	647.0196	Pavement Marking Arrows Epoxy Type 5	EACH	8.000	8.000
0120	647.0256	Pavement Marking Symbols Epoxy	EACH	52.000	52.000
0130	647.0356	Pavement Marking Words Epoxy	EACH	189.000	189.000
0140	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	2,232.000	2,232.000
0150	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	1,150.000	1,150.000
0160	647.0746	Pavement Marking Diagonal Epoxy 24-Inch	LF	8,390.000	8,390.000
0170	647.0766	Pavement Marking Crosswalk Epoxy 6-Inch	LF	2,825.000	2,825.000
0180	647.0796	Pavement Marking Crosswalk Epoxy 24-Inch	LF	272.000	272.000
0190	SPV.0090	Special 01. PAVEMENT MARKING EPOXY	LF	42.000	42.000
		YIELD LINE 24" X24"			

Special Pavement Marking - 2015 Var. Hwy (1000-77-14) SE Region SUMMARY: SUBTOTAL A SUBTOTAL B SUBTOTAL C SUBTOTAL D FINAL QUANTITIES47 MILE	647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	647.0796	646.0126	646.0726	647.0566	647.0566	647.0746	646.0106	647.0170	647.0160	SPV.0090
	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	EPOXY	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng
	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Cross Walk	Cross Walk	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	4-INCH	Epoxy	Epoxy	Epoxy
	Arrow	Arrow	Arrow	Arrow	Arrow	Symbols	Word	Word	Epoxy	Epoxy	Chan.	Diagonal	Stop Line	SKIPs	Diagonal	Edge Line	Arrow	Arrow	Yield Line
	Type 1	Type 2	Type 3	Type 4	Type 5	(Diamonds)	(Only)	(Yield)	6-IN	24-IN	8- IN	12-IN	18-IN	18-IN	24-IN	Lane Line	Type 3R	Type 2R	24" x 24"
	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	E.A.	E.A.	L.F.
	12	105	99	41	8	52	89	68	2825	0	0	980	1753	0	8390	0	0	0	0
	5	4	0	0	0	0	4	5	0	0	1669	130	0	0	0	5900	2	3	42
	1	2	3	0	0	0	1	5	0	272	180	40	0	74	0	544	0	0	0
	0	21	10	2	0	0	17	0	0	0	0	0	405	0	0	0	0	0	0
	18	132	112	43	8	52	111	78	2825	272	1849	1150	2158	74	8390	6444	2	3	42

Special Pavement Marking - 2015

Var. Hwy (1000-77-14)

SE Region

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746
				Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng
				Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Cross Walk	Epoxy	Epoxy	Epoxy	Epoxy
				Arrow	Arrow	Arrow	Arrow	Arrow	Symbols	Word	Word	Epoxy	Chan.	Diagonal	Stop Line	Diagonal
				Type 1	Type 2	Type 3	Type 4	Type 5	(Diamonds)	(Only)	(Yield)	6-IN	8- IN	12-IN	18-IN	24-IN
				E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	L.F.	L.F.	L.F.	L.F.	L.F.
Waukesha Co.	IH 94	STH 16 Inter. To Jefferson Co. Line	15.4	0	4	75	0	8	8	0	68	0	0	940	0	970
Ozaukee Co.	IH-43	STH 32 to Sheboygan Co	17.6	0	5	0	8	0	0	5	0	0	0	0	101	0
Waukesha Co.	USH 41/45	Milwaukee Co. Line to Waukesha Co.Line	3.9	0	1	1	2	0	7	1	0	38	0	0	74	401
Milwaukee Co.	IH 894	STH 36 Inter. To .5 Mi. N ofW. Lincoln Ave Inter.	6.5	0	41	8	19	0	23	39	0	1380	0	0	750	4283
Milwaukee Co.	IH-43	W Lexington Blvd to 400' N of North Ave Bridge	2	12	33	8	7	0	8	24	0	1137	0	0	539	1801
Milwaukee Co.	IH-43	STH 145 (W Fond Du Lac Ave) To Marq. Inter.	1	0	21	7	5	0	6	20	0	270	0	40	289	935
SUBTOTAL A				12	105	99	41	8	52	89	68	2825	0	980	1753	8390

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0356	647.0356	646.0126	646.0726	646.0106	647.0160	SPV.0090
				Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	EPOXY 4-INCH -- ED & LL L.F.	Pav. Mrkng Epoxy Arrow Type 2R E.A.	Pav. Mrkng Epoxy Yield Line 24" x 24" L.F.
Racine	STH 38	STH 38 at CTH K (Northwestern Ave) 3-Leg Roundabout										
		SUBTOTAL B	0.1	5	4	4	5	1669	130	5900	3	42

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0176	647.0170	647.0356	647.0356	647.0796	646.0126	646.0726	646.0106	647.0566
				Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 3R E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 24-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	EPOXY 4-INCH Edge Line Lane Line L.F.	Pav. Mrkng Epoxy SKIPs 18-IN L.F.
Wauk	USH 18	USH 18 (W. Summit Ave) at Blackwood Dr. Roundabout Intersection:												
		SUBTOTAL C	0.1	1	2	3	2	1	5	272	180	40	544	74

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746
				Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.
		A) STH 16 & STH 83 (Hill St) B) STH 16 (WISC.) @ STH 67 , ON/OFF BYPASS INTERCHANGE														
Waukesha	STH 16	A & B	0.4	0	21	10	2	0	0	17	0	0	0	0	405	0
		SUBTOTAL D														

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles
Waukesha Co.	IH 94	STH 16 Inter. To Jefferson Co. Line	15.4

647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746
Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.

Interchange:

CTH T, (N Grandview Blvd)																
	Off ramp WB			6		1			6					24	220	
Approaching	- on ramp WB			6					4				480	96		
	Off ramp EB					1								16	268	
(*) Approaching	- on ramp EB			6					6				460	92		
CTH TT, (Meadowbrock Rd)																
	Off ramp WB			6		2			3					47	138	
Approaching	- on ramp WB			4					4					96		
	Off ramp EB			6		2			3					42	246	
(*) Approaching	- on ramp EB			4					4					104	100	
CTH SS																
	(*) Off ramp WB			4		1			4					18		
Approaching	- on ramp WB		2	4					3					60		
	I94 MainLine WB					4										
	Off ramp EB			6		1			6					38		
Approaching	- on ramp EB			4					4					60		
STH 83																
	Off ramp WB		2	6					9					38		
Approaching	- on ramp WB			5					5					90		
	Off ramp EB			1					1					22		
Approaching	- on ramp EB			5					5					100		
CTH C, (Genesee Street)																
	Off ramp WB															
Approaching	- on ramp WB			1					1							
	Off ramp EB													27		
Approaching	- on ramp EB			1												
CTH P, (N Sawyer Rd) (Round about)																
	Off ramp WB															
Approaching	- on ramp WB					2										
	Off ramp EB															
Approaching	- on ramp EB					2										
CTH 67, (Summit Ave)																
	Off ramp WB															
Approaching	- on ramp WB															
	Off ramp EB														210	
Approaching	- on ramp EB															

Waukesha	IH 94	STH 16 To Jefferson Co. Line	15.4	0	4	75	0	8	8	0	68	0	0	940	0	970	1182
----------	-------	------------------------------	------	---	---	----	---	---	---	---	----	---	---	-----	---	-----	------

(*)- INDICATES THAT NEW MARKINGS ARE ADDED; WISDOT FIELD MANAGER SHALL ASSIST WITH THE LOCATIONS .

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles
Ozaukee	IH 43	STH 32 to Sheboygan Co. Line	17.6

647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746
Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.

REMARKS

Interchange:

CTH "V" & STH 32	
Approaching	Off ramp NB on ramp NB Off ramp SB on ramp SB

			1								19	0
	1					1						
			1								30	0
	1					1						

(*) Add New tye 2, Arrow & Only for Left turn

(*) Add New tye 2, Arrow & Only for Left turn

STH 33 (Omit Interchange)	
Approaching	Off ramp NB on ramp NB Off ramp SB on ramp SB

0	0	0	0		0	0		0	0	0	0	0
0	0	0	0		0	0		0	0	0	0	0
0	0	0	0		0	0		0	0	0	0	0
0	0	0	0		0	0		0	0	0	0	0

STH 32 (W Wisconsin Ave) & CTH "H"	
Approaching	Off ramp NB on ramp NB Off ramp SB on ramp SB

			3								22	
	1					1						
			3								30	
	1					1						

Stop Bar for Right turn (only)

(*) Add New tye 2, Arrow & Only for Left turn

Stop Bar for Right turn (only)

(*) Add New tye 2, Arrow & Only for Left turn

Co. Line Rd , Q	
Approaching	Off ramp NB on ramp NB Off ramp SB on ramp SB

0	0	0	0		0	0		0	0	0	0	0
0	0	0	0		0	0		0	0	0	0	0
0	0	0	0		0	0		0	0	0	0	0
	1					1						

(*) Add New tye 2. Arrow & Only for Left turn

Ozaukee	IH 43	STH 32 to Sheboygan Co. Line	17.6
---------	-------	------------------------------	------

0	5	0	8		0	5	0	0	0	0	101	0
---	---	---	---	--	---	---	---	---	---	---	-----	---

(*)- INDICATES THAT NEW MARKINGS ARE ADDED; WISDOT FIELD MANAGER SHALL ASSIST WITH THE LOCATIONS .

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles
Waukesha Co.	USH 41/45	Milwaukee Co. Line to Waukesha Co.Line	3.9

647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746	REMARKS
Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	Pav. Mrkng	
Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	Epoxy	
Arrow	Arrow	Arrow	Arrow	Arrow	Symbols	Word	Word	Cross Walk	Chan.	Diagonal	Stop Line	Diagonal	
Type 1	Type 2	Type 3	Type 4	Type 5	(Diamonds)	(Only)	(Yield)	6-IN	8- IN	12-IN	18-IN	24-IN	
E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	L.F.	L.F.	L.F.	L.F.	L.F.	

Interchange:

Pilgrim Rd
Off ramp NB
Approaching - (2ND) on ramp NB
(*) Off ramp SB
Approaching - (*) on ramp SB

			1					38				126
												120
	1	1	1			1					36	155
					7						38	

NEW TYPE 4 ARROW & CROSS WALK MARKINGS

Washington	USH 41	Wauk Co (CTH Q) to Dodge Co (STH 28)	3.9
------------	--------	--------------------------------------	-----

0	1	1	2	0	7	1		38	0	0	74	401
---	---	---	---	---	---	---	--	----	---	---	----	-----

); WISDOT FIELD MANAGER SHALL ASSIST WITH THE LOCATIONS .

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles
Milwaukee	IH 894	STH 36 Inter. Tol .5 Mi. N of W. Lincoln Ave Inter.	6.5

647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746	
Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.	REMARKS

Interchange:	
IH 894/ STH 36	
(1ST) Off ramp WB	
(2ND) Off ramp WB	
Approaching - on ramp WB	
Off ramp EB	
Approaching - on ramp EB	

IH 894 / 60th	
Off ramp WB	
Approaching - on ramp WB	
Off ramp EB	
Approaching - on ramp EB	

IH 894 / CTH U, (76th st)	
Off ramp WB	
Approaching - on ramp EB	

IH 894 / STH 24 (Forest Home)	
Off ramp WB	
Approaching - on ramp EB	

IH 894 / 84TH ST	
Approaching - on ramp WB	
Off ramp EB	

IH 894/ 43 (split to/ from)	
Approaching ; ramp WB (toward Beloit)	
from IH43 (beloit) to NB USH45 Maine line	

IH 894/ 43 (split to/ from)	
Approaching ; I43 ramp WB (toward Beloit)	
from IH43 (beloit) to I894 EB, Maine line	

USH 45/ CTH T (BELOIT ROAD)	
Off ramp NB	
Approaching - on ramp NB	
Off ramp SB	
Approaching - on ramp SB	

CTH NN (W OKLAHOMA AV)	
Approaching - on ramp NB	
Off ramp SB	

NATIONAL AV	
Off ramp NB	
Approaching - on ramp NB	
Off ramp SB	
Approaching - on ramp SB	

W LINCOLN	
Approaching - on ramp NB	
Off ramp SB	

	1		1		1		70			35	104
			2								100
	2					2				27	
	4	2	1			4				36	153
	4				3	4		90		32	

	2	2	1			2		66			24	110
					3			74			21	
	2	2	1			2		70			28	149
					4			90			20	

	4		1			4		96			46	152
					3							34

					1						21	110

			1		4						21	
												135

												400
												1200

												400
												175

			3					70			35	189
	3				3	2		180			64	
	2	2	1			4					36	205
	4				2	3		100			66	

	2					1		95			22	
	3		1			2		90			45	206

			3								34	248
								77			26	
			2								24	93
								112			22	

						2					21	
	2					6		100			44	120
	6		1									

MILWAUKEE	IH 894	STH 36 Inter. Tol .5 Mi. N of W. Lincoln Ave Inter.	6.5	0	41	8	19	0	23	39	0	1380	0	0	750	4283
-----------	--------	---	-----	---	----	---	----	---	----	----	---	------	---	---	-----	------

NEW TYPE 4 ARROW

Chavron Markings
in Gore area only

Chavron Markings
in Gore area only

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles
Milwaukee Co.	IH-43	W Lexington Blvd to 400' N of North Ave Bridge	2

647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746	
Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. L.F.	Pav. Mrkng Epoxy Diagonal L.F.	Pav. Mrkng Epoxy Stop Line L.F.	Pav. Mrkng Epoxy Diagonal L.F.	REMARKS

Interchange:	
W Hampton Ave	
(East Bound)	Off ramp NB
(West Bound)	Off ramp NB
Approaching -	on ramp SB

	6					6					20	290
	6					6		230			51	210
	2					2					18	

STH 57 & 190 (Green bay Ave & Capitol Dr)	
	Off ramp SB
Approaching -	on ramp SB
(exit 76A) 190EB	Off ramp NB
(exit 76B) 190WB	Off ramp NB

			2					88			10	98	Note:New stop bar
					2			50			20		
	190EB		1					40				105	Note: New type 4 Arrow & Cross walk Markings
			2					40				105	

9Th Str	
Approaching -	on ramp SB

											18	
--	--	--	--	--	--	--	--	--	--	--	----	--

Atkinson Ave (exit 75)	
Approaching -	on ramp NB
	Off ramp SB

								20					
								80			35	268	Note:New stop bar & Cross walk

W Keefe Ave	
(Access Rd)	Off ramp NB
(8th Str) Approaching -	on ramp SB

2	2	2	1					90			45	170
								13				

W Locust St	
	Off ramp NB
Approaching -	on ramp NB
	Off ramp SB
Approaching -	on ramp SB

2	3	2				2		106			43	125	NEW CROSS WALK
											20		
	2	2				1		100			47	162	
											17		

W North Ave	
	Off ramp NB
Approaching -	on ramp NB
	Off ramp SB
Approaching -	on ramp SB

2		2	1			1		50			20	90	
					3						30		
6	6					4		120			60	178	Modify two- type2,Arrows
	6				3	2		110			85		Markings incl. North ave WB traffic turning on to I43 SB

Modify two- type2,Arrows

Milwaukee Co.	IH-43	W Lexington Blvd to 400' N of North Ave Bridge	2
---------------	-------	--	---

12	33	8	7		8	24	0	1137	0	0	539	1801
----	----	---	---	--	---	----	---	------	---	---	-----	------

(*)- INDICATES THAT NEW MARKINGS ARE ADDED; WISDOT FIELD MANAGER SHALL ASSIST WITH THE LOCATIONS .

Epoxy Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746
				Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Word (Yield) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.
Milwaukee	IH 43	STH 145 (W Fond du Lac Ave) to Wisconsin Ave Interchange:	1													
STH 145 (W Fond du Lac Ave)																
Approaching - Off ramp NB					3	3				2				15	28	125
Approaching - on ramp NB					2				6	2		120		10	60	
Approaching - Off ramp SB					6	2	1			6		150			51	160
Approaching - on ramp SB					8					8				15	76	
W HIGHLAND AVE																
Approaching - Off ramp NB																
Approaching - on ramp NB						1										
Approaching - Off ramp SB					1	1	1			1					40	100
Approaching - on ramp SB																
N 6TH STR/KILBOURN AVE (TURNELS)																
Northbound (I43) OFF RAMP THRU TURNEL					1		3			1					34	150
Northbound (I43) ON RAMP THRU TURNEL																
SYSTEM RAMP, (S-W)																
IH 43 TO IH 94 (Gore)																200
SYSTEM RAMP, (S-E)																
IH 43 TO IH 794 (Gore)																200
Milwaukee	IH 43	STH 145 (W Fond du Lac Ave) to Wisconsin Ave	1	0	21	7	5	0	6	20	0	270	0	40	289	935

Special Pavement Marking - 2015
Var. Hwy (1000-77-14)
SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles	647.0156	647.0166	647.0176	647.0186	647.0196	647.0256	647.0356	647.0356	647.0766	646.0126	646.0726	647.0566	647.0746	646.0106	647.0160	SPV.0090
				Pav. Mrkng Epoxy Arrow Type 1 E.A.	Pav. Mrkng Epoxy Arrow Type 2 E.A.	Pav. Mrkng Epoxy Arrow Type 3 E.A.	Pav. Mrkng Epoxy Arrow Type 4 E.A.	Pav. Mrkng Epoxy Arrow Type 5 E.A.	Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	Pav. Mrkng Epoxy Word (Only) E.A.	Pav. Mrkng Epoxy Yield (Only) E.A.	Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	Pav. Mrkng Epoxy Chan. 8- IN L.F.	Pav. Mrkng Epoxy Diagonal 12-IN L.F.	Pav. Mrkng Epoxy Stop Line 18-IN L.F.	Pav. Mrkng Epoxy Diagonal 24-IN L.F.	EPOXY 4-INCH Edge Line Lane Line L.F.	Pav. Mrkng Epoxy Arrow Type 2R E.A.	Pav. Mrkng Epoxy Yield Line 24" x 24" L.F.

Racine STH 38 STH 38 at CTH K (Northwestern Ave)
3 LEG- Roundabout
Roundabout Intersection:

B	(Westward LEG of roundabout)
CTH K (NORTHWESTERN AVE)	
LIMITS: 520 FEET FROM CENTER OF ROUNDABOUT	

1	1					2	1		669	20			2000	1	16
---	---	--	--	--	--	---	---	--	-----	----	--	--	------	---	----

C	(Southward LEG of roundabout)
STH 38 (SOUTH/EAST)	
LIMITS: 390 FEET FROM CENTER OF ROUNDABOUT	

3	2					2	2		760	90			1400	2	26
---	---	--	--	--	--	---	---	--	-----	----	--	--	------	---	----

D	(Northward LEG of roundabout)
STH 38 (NORTH)	
LIMITS: 550 FEET FROM CENTER OF ROUNDABOUT	

1	1						2		240	20			2500		
---	---	--	--	--	--	--	---	--	-----	----	--	--	------	--	--

Racine	STH 38	STH 38 at CTH K (Northwestern Ave)	5	4	0	0	0	0	4	5	0	1669	130	0	0	5900	3	42
--------	--------	------------------------------------	---	---	---	---	---	---	---	---	---	------	-----	---	---	------	---	----

NOTE: 12" NOR 8" , DIAGONALS MARKINGS ON THE APPROACHING ROUNDABOUT'S LEGS, ARE NOT TO BE DONE (LOCATED ON SHOULDERS)

Var. Hwy (1000-77-14)

SE Region

INFORMATION ONLY

Wauk	USH 18	
		USH 18 (W. Summit Ave) at Blackwood Dr.
		Roundabout Intersection:
		(Westward LEG of roundabout)
		USH 18 (W. Summit Ave)
		LIMITS: 190 FEET FROM CENTER OF ROUNDABOUT
		(Southward LEG of roundabout)
		Blackwood Dr.
		LIMITS: 210 FEET FROM CENTER OF ROUNDABOUT
		(Northward LEG of roundabout)
		Blackwood Dr.
		LIMITS: 170 FEET FROM CENTER OF ROUNDABOUT
		(Eastward LEG of roundabout) (Omit Markings)
		USH 18 (W. Summit Ave)
		LIMITS: Omit Special Markings (on the eastward leg)

		1	1		2	96	60	25	112	25
--	--	---	---	--	---	----	----	----	-----	----

1	2	1	1	1	2	96	60	15	200	25
---	---	---	---	---	---	----	----	----	-----	----

		1			1	80	60		232	24
--	--	---	--	--	---	----	----	--	-----	----

[illegible]

Wauk	USH 18	USH 18 (W. Summit Ave) at Blackwood Dr.	1	2	3	2	1	5	272	180	40	544	74
------	--------	---	---	---	---	---	---	---	-----	-----	----	-----	----

NOTE: SEE DETAIL DESIGN, ATTACHEMENT

Epoxy Pavement Marking - 2015
Var. Hwy (1000-77-14)

SE Region

INFORMATION ONLY

County	Hwy	Location	Total Miles	647.0156 Pav. Mrkng Epoxy Arrow Type 1 E.A.	647.0166 Pav. Mrkng Epoxy Arrow Type 2 E.A.	647.0176 Pav. Mrkng Epoxy Arrow Type 3 E.A.	647.0186 Pav. Mrkng Epoxy Arrow Type 4 E.A.	647.0196 Pav. Mrkng Epoxy Arrow Type 5 E.A.	647.0256 Pav. Mrkng Epoxy Symbols (Diamonds) E.A.	647.0356 Pav. Mrkng Epoxy Word (Only) E.A.	647.0356 Pav. Mrkng Epoxy Word (Yield) E.A.	647.0766 Pav. Mrkng Cross Walk Epoxy 6-IN L.F.	646.0126 Pav. Mrkng Epoxy Chan. 8- IN L.F.	646.0726 Pav. Mrkng Epoxy Diagonal 12-IN L.F.	647.0566 Pav. Mrkng Epoxy Stop Line 18-IN L.F.	647.0746 Pav. Mrkng Epoxy Diagonal 24-IN L.F.
Waukesha	STH 16	A & B														

Interchange A :

A) STH 16 & STH 83 (Hill St)			
	Off ramp WB		
Approaching	- on ramp WB		
	Off ramp EB		
Approaching	- on ramp EB	0.2	

	3	3	1			3						24	
	4					2						53	
	4	2	1			4						36	
	3					3						48	

Interchange STH 67 & 16 by pass

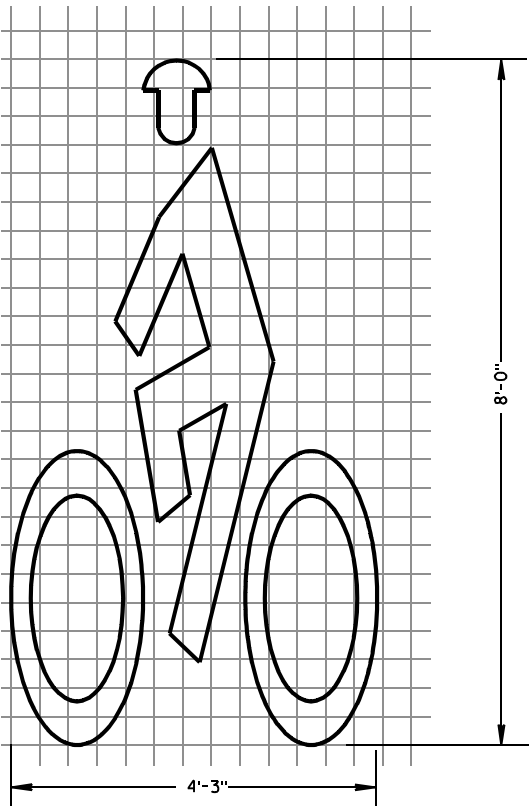
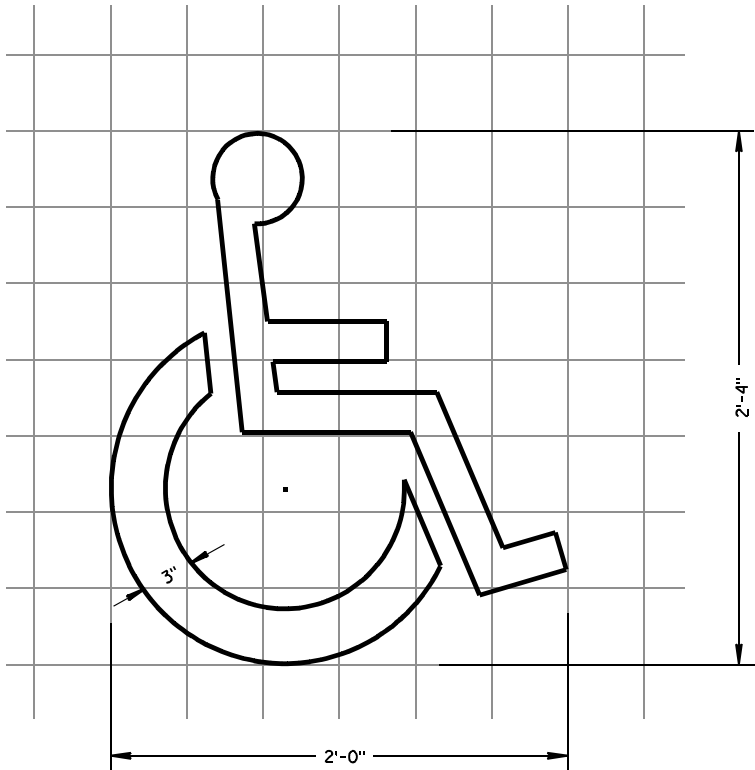
B) STH 16 (WISC.) @ STH 67, ON/OFF BYPASS INTERCHANGE			
	EAST SIGNAL INTERCHANGE MARKINGS		
	WEST SIGNAL INTERCHANGE MARKINGS	0.2	

	5	3				4						144	
	2	2				1						100	

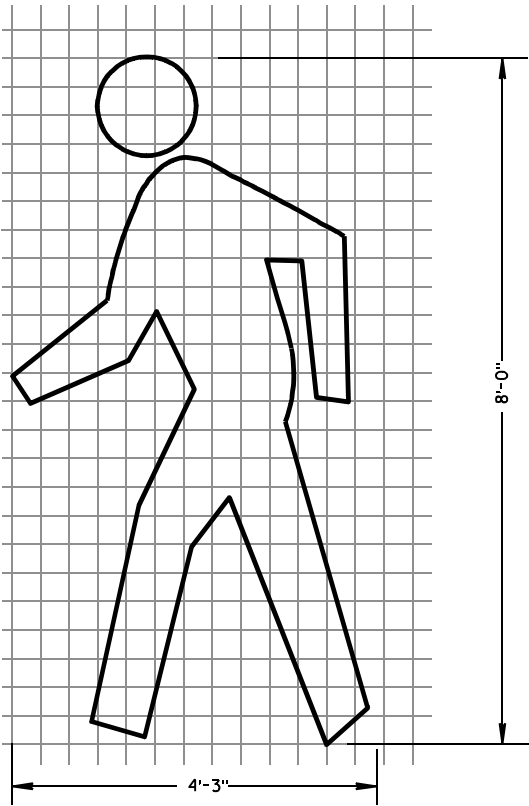
Waukesha	STH 16	A & B	0.4	0	21	10	2	0	0	17	0	0	0	0	405	0
----------	--------	-------	-----	---	----	----	---	---	---	----	---	---	---	---	-----	---

Standard Detail Drawing List

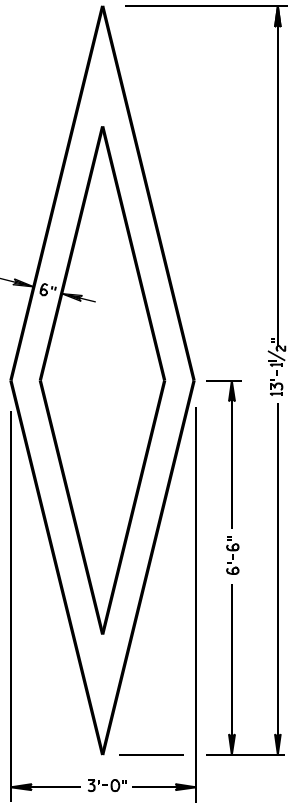
15C07-12A	PAVEMENT MARKING SYMBOLS
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C07-12D	ROUNDABOUT ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-01B	LANE DROP PAVEMENT MARKING
15C31-01C	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C31-01D	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15D30-01	TRAFFIC CONTROL, SIDEWALK CLOSURE
15D37-01	TRAFFIC CONTROL, 2-LANE ROUNDABOUT



BIKE CROSSING SYMBOL



PEDESTRIAN SYMBOL



PREFERENTIAL
LANE SYMBOL

GENERAL NOTES

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

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

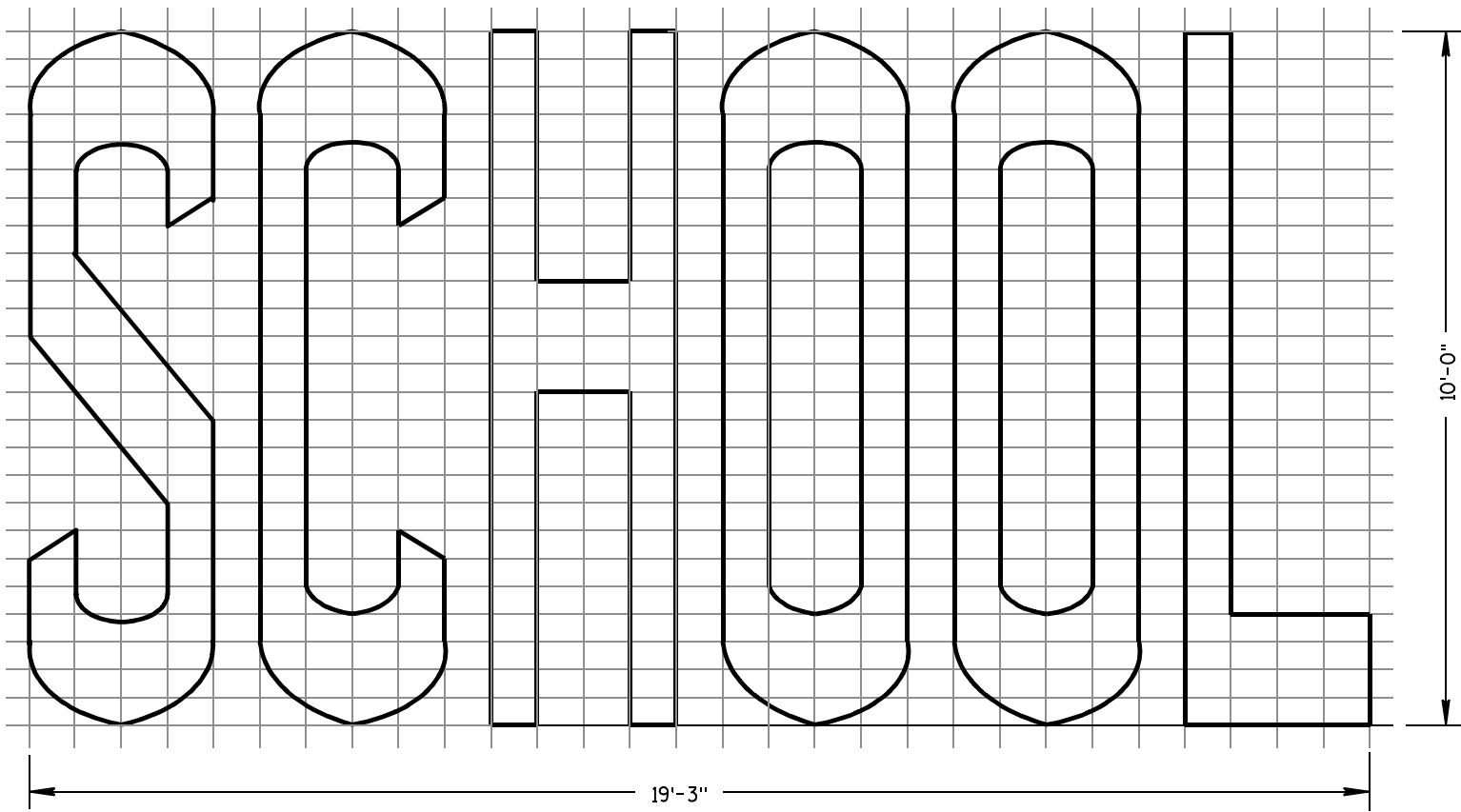
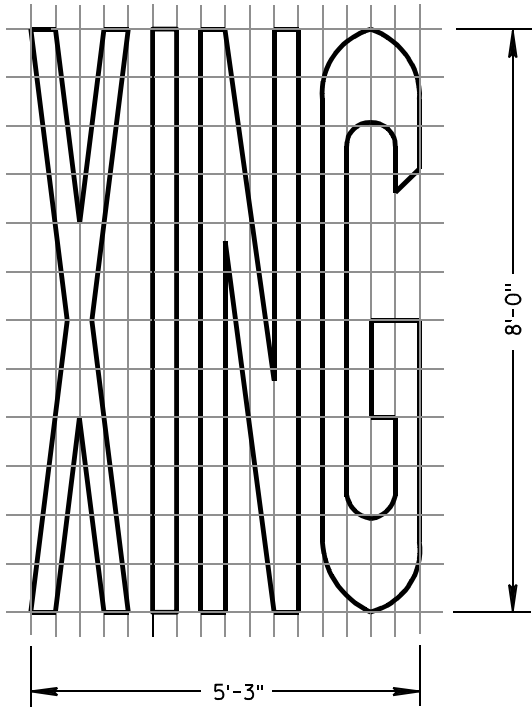
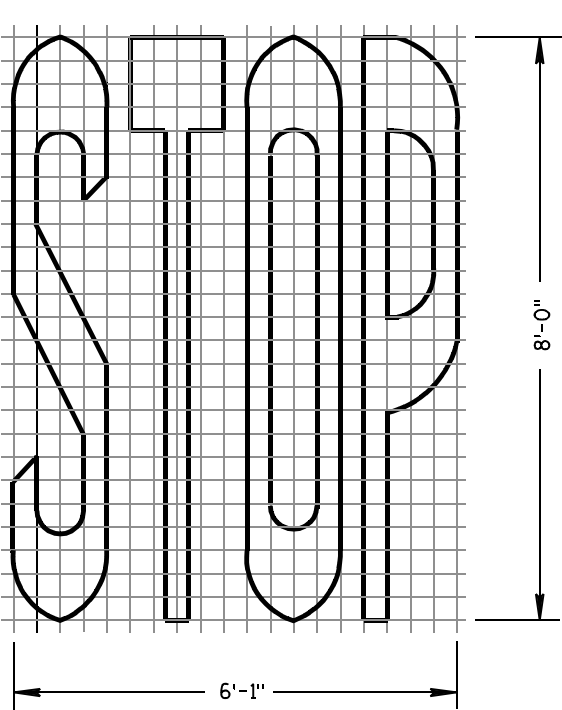
A DETAILED DRAWING OF THE HANDICAPPED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.

PAVEMENT MARKING SYMBOLS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 7/1/11 DATE	/S/ Thomas N. Notbohm STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

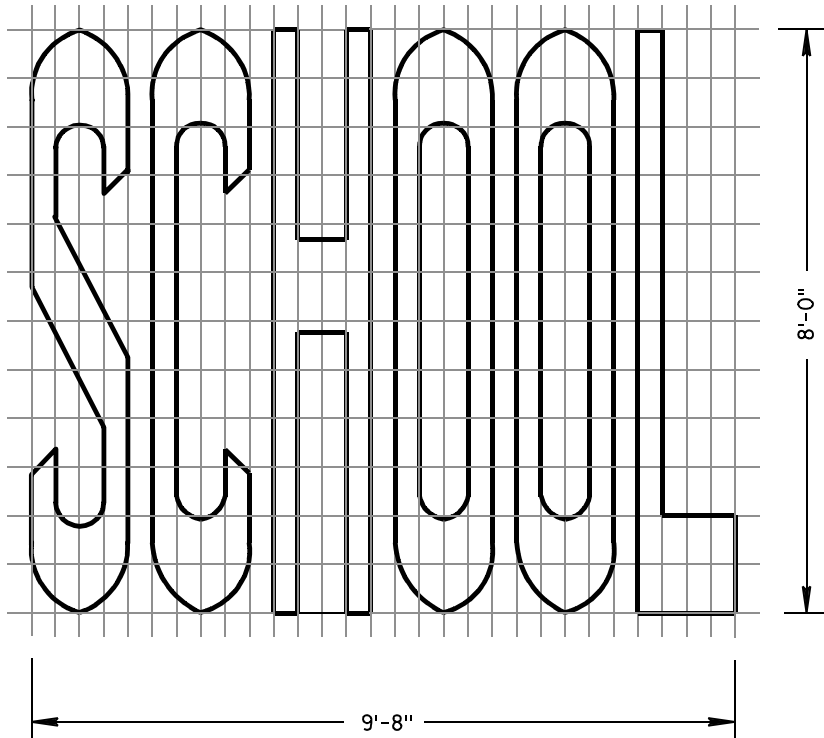
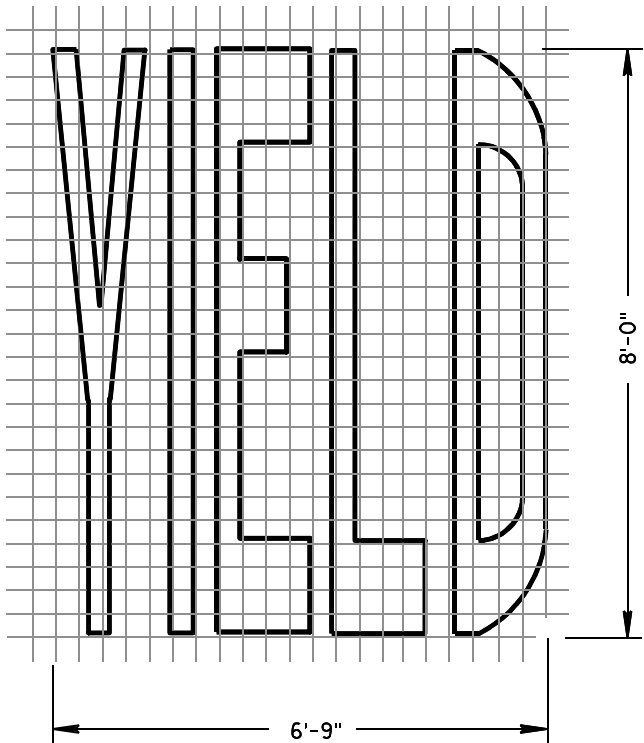
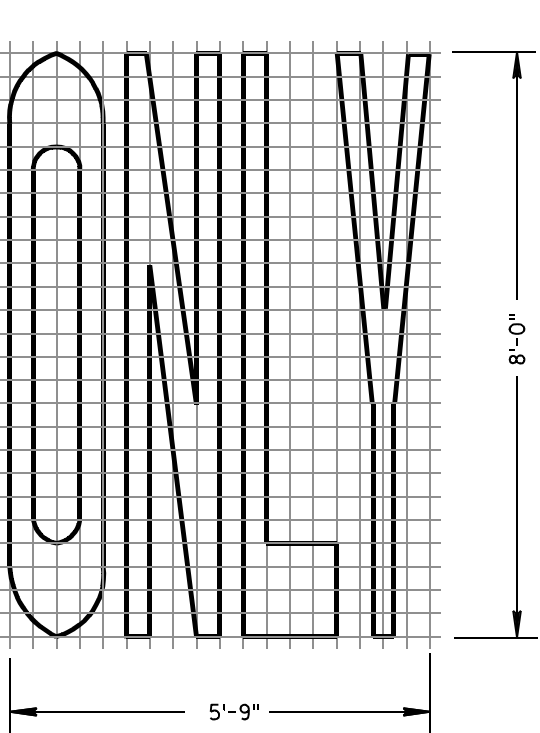
GENERAL NOTES

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

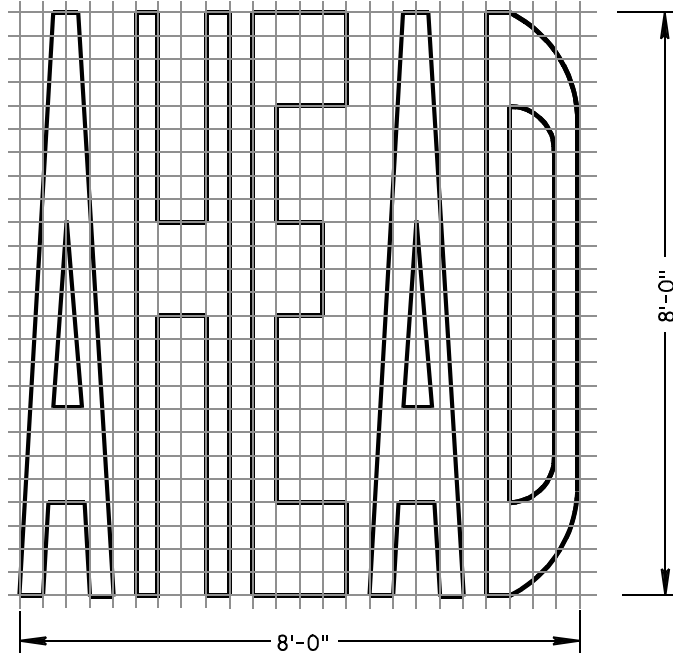
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES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



TWO-LANE



SINGLE-LANE



PAVEMENT MARKING WORDS

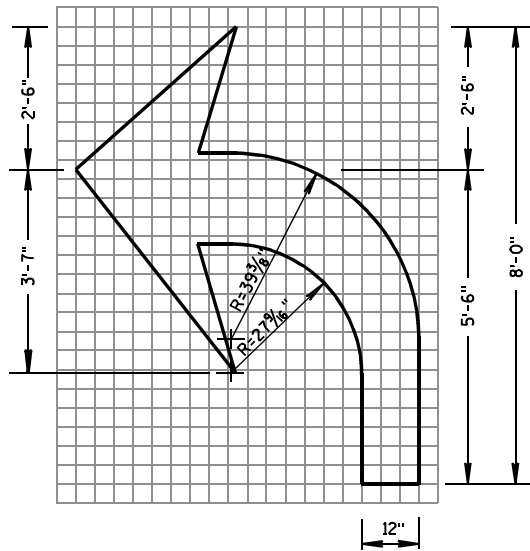
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

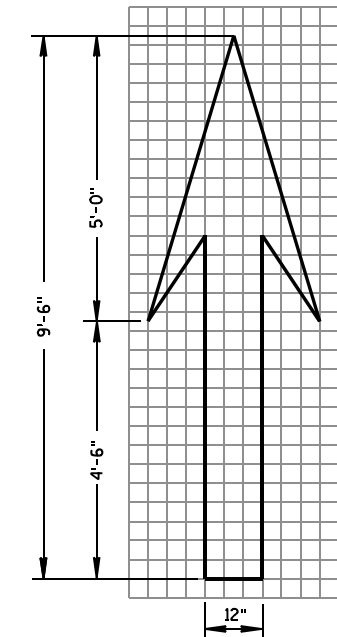
7-1-11
DATE

/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER OF DESIGN

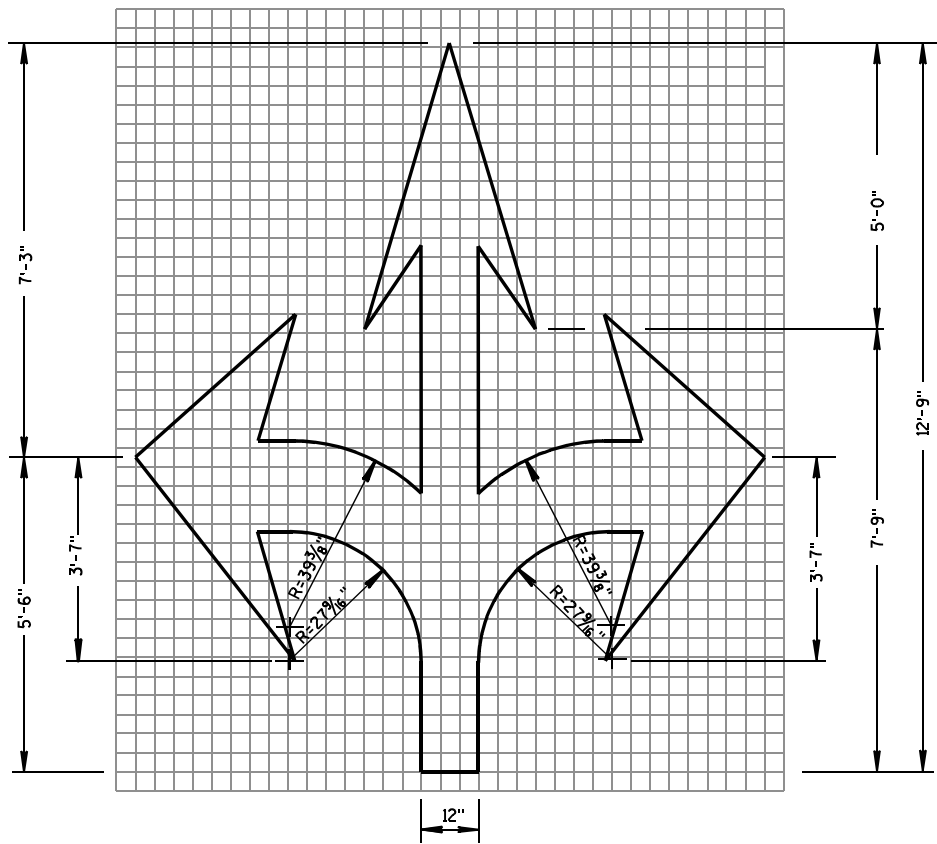
FHWA



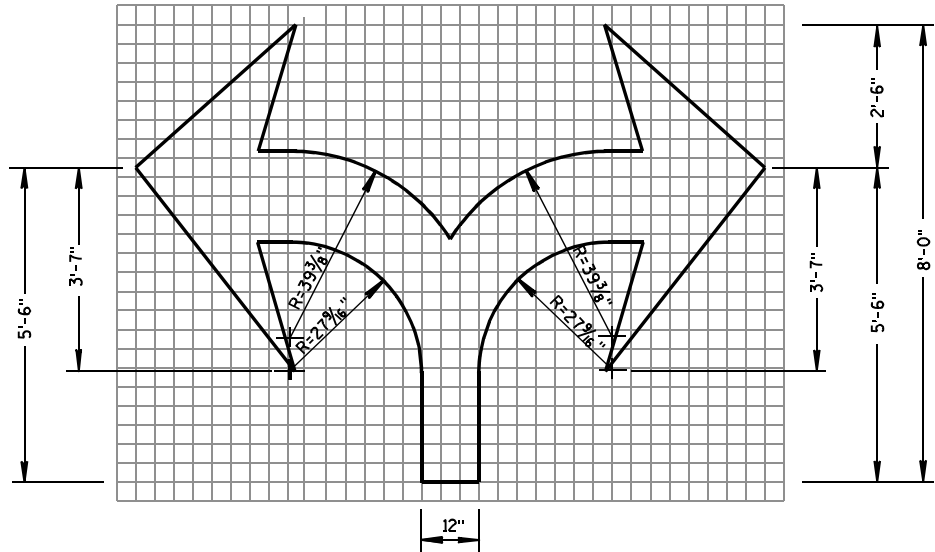
TYPE 2



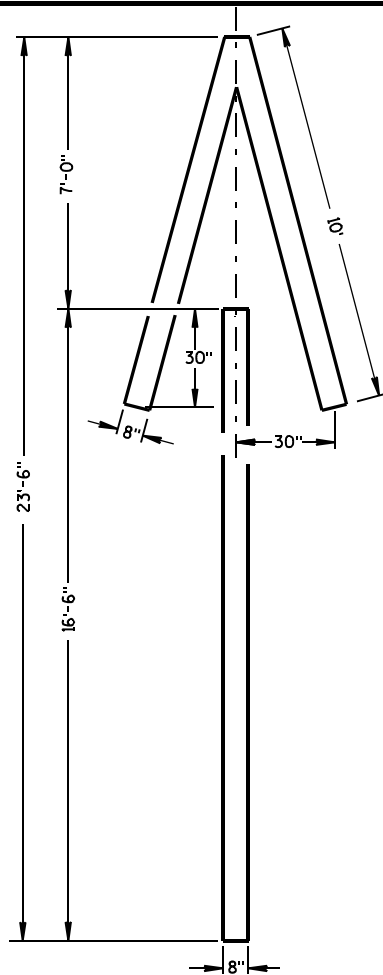
TYPE 1



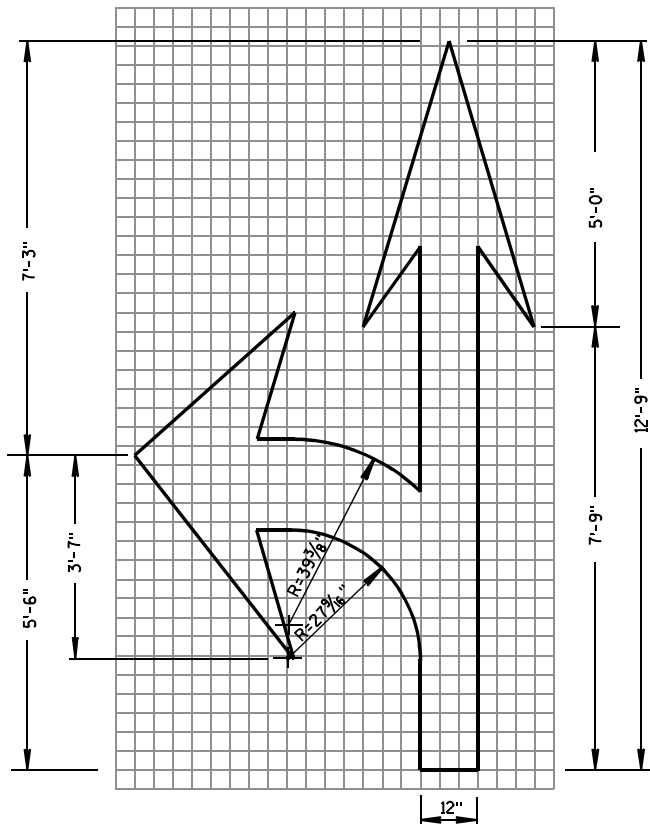
TYPE 6



TYPE 7



TYPE 4

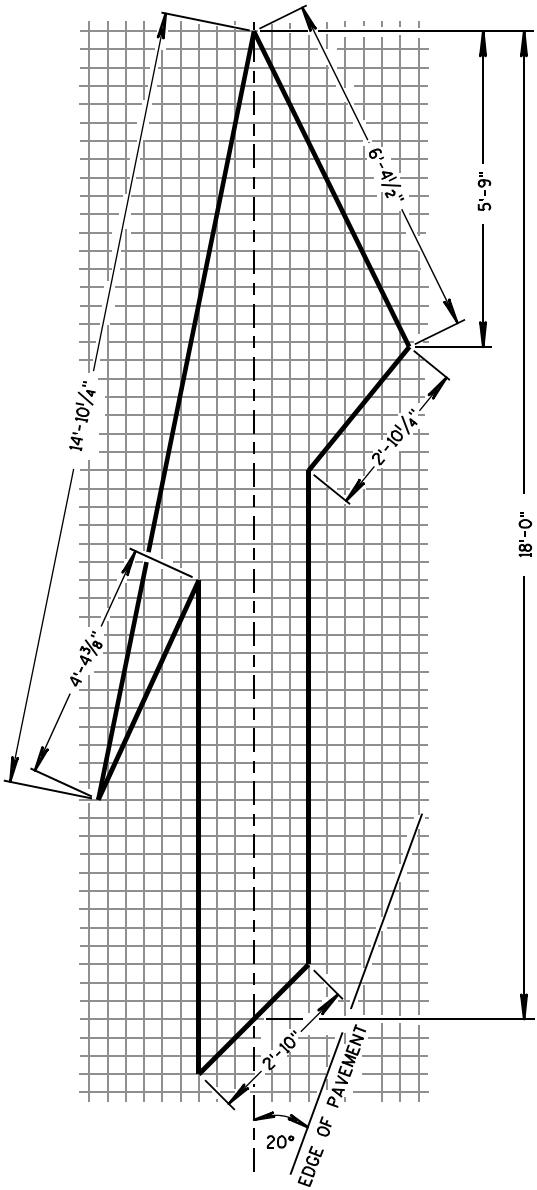


TYPE 3

GENERAL NOTES

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

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.



TYPE 5 LANE DROP ARROW

PAVEMENT MARKING ARROWS

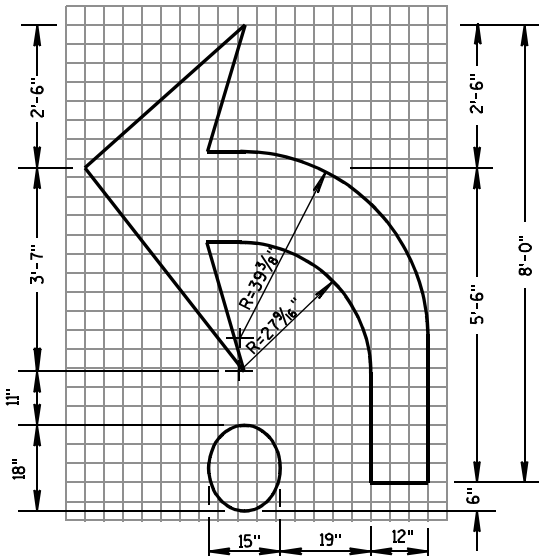
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

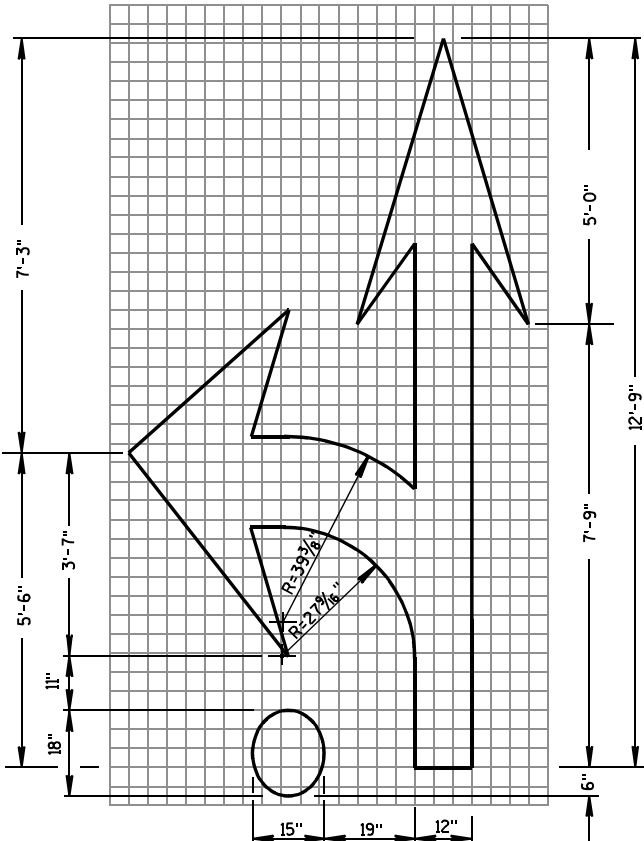
7/1/11
DATE

/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER OF DESIGN

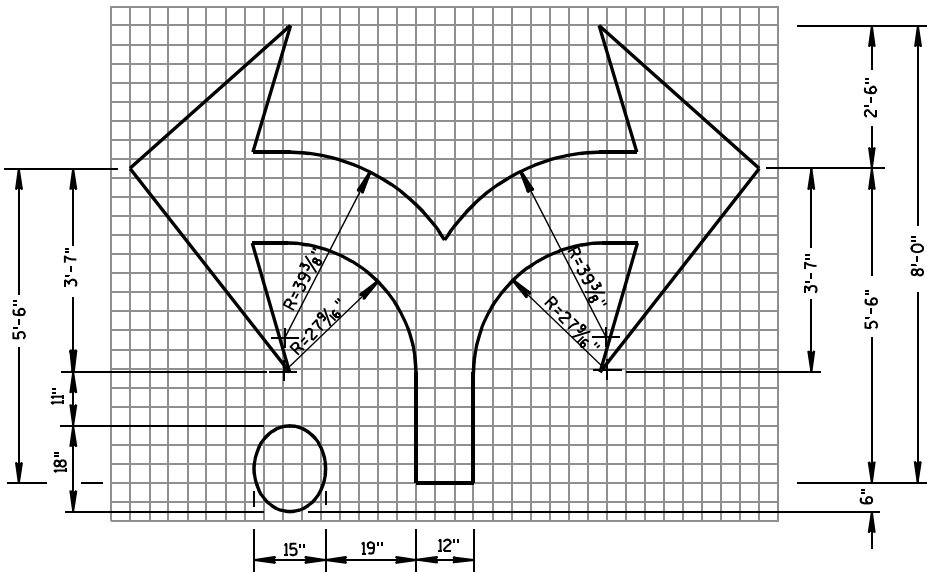
FHWA



TYPE 2R



TYPE 3R

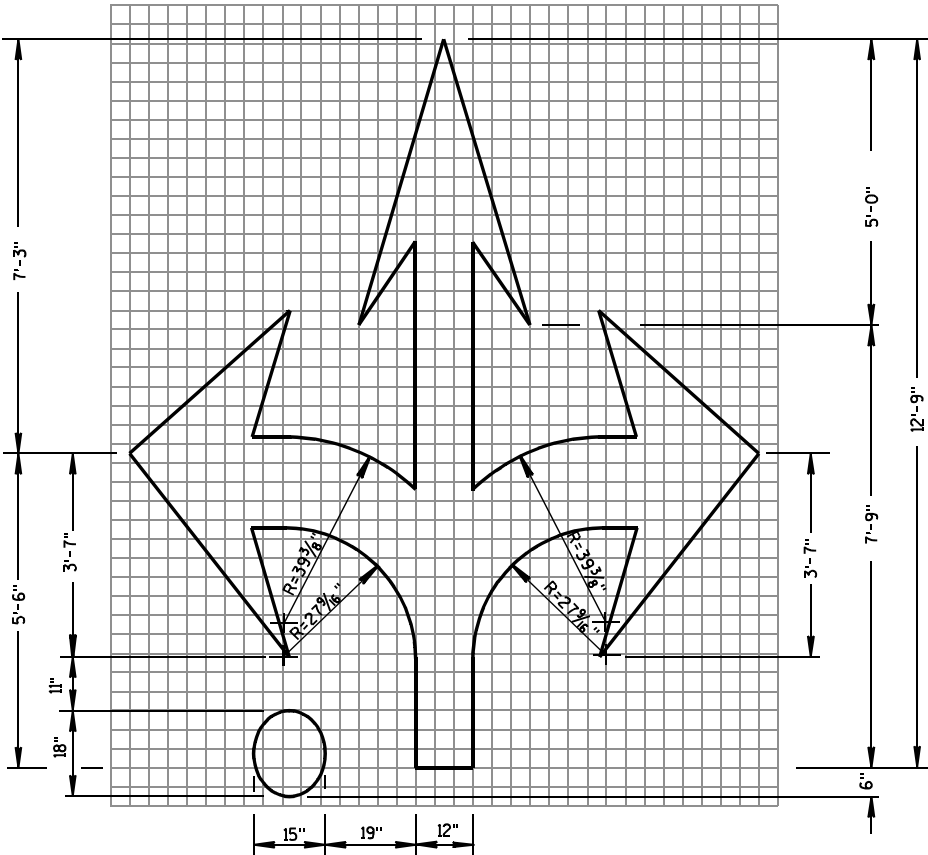


TYPE 7R

GENERAL NOTES

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

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



TYPE 6R

ROUNDBOAT ARROWS

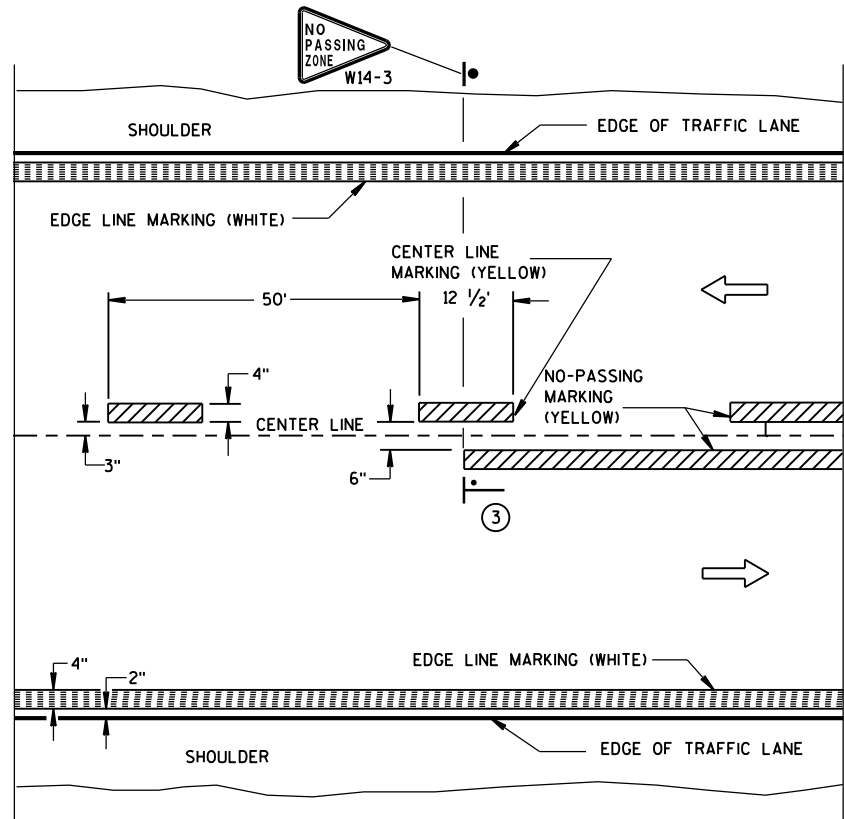
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

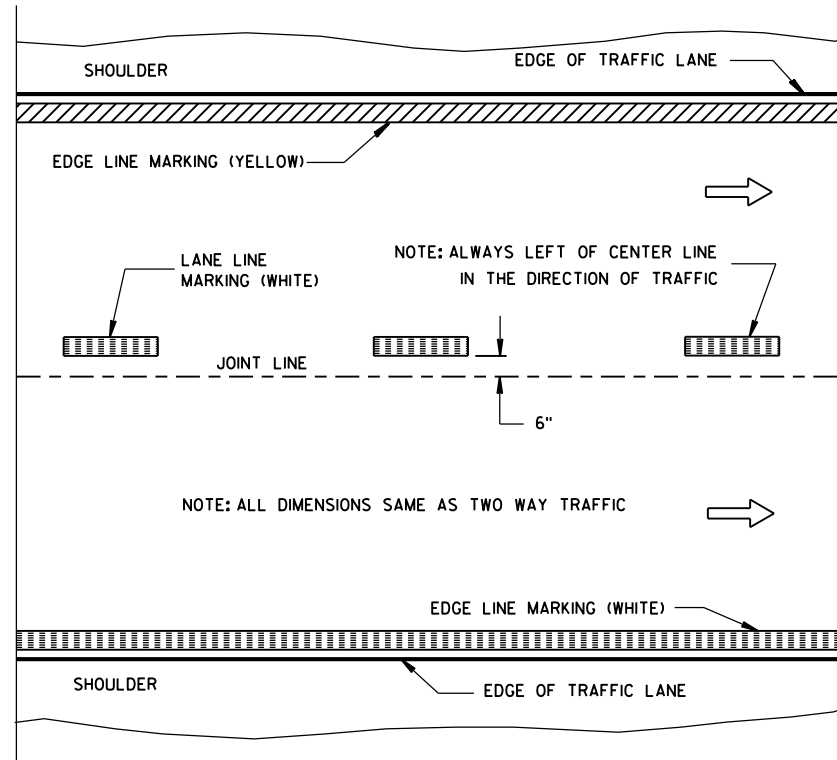
7/1/11
DATE

/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER OF DESIGN

FHWA

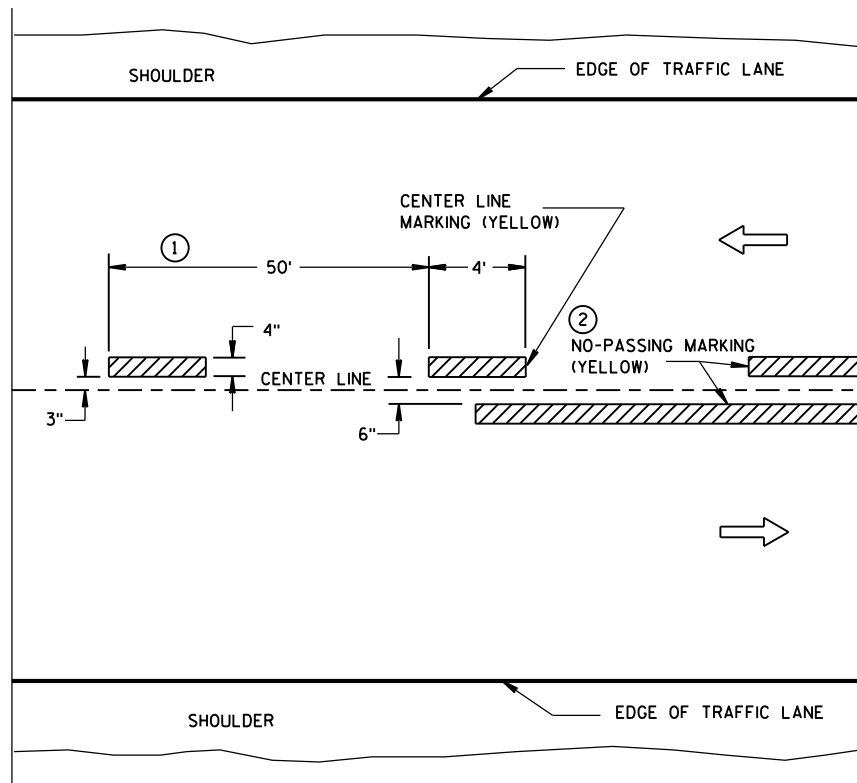


TWO WAY TRAFFIC

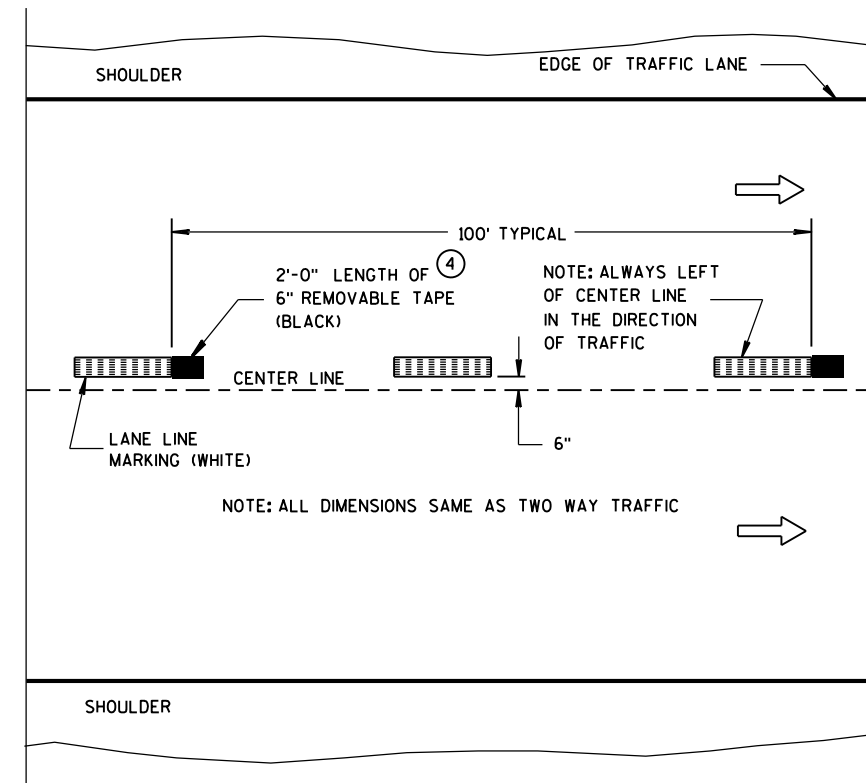


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

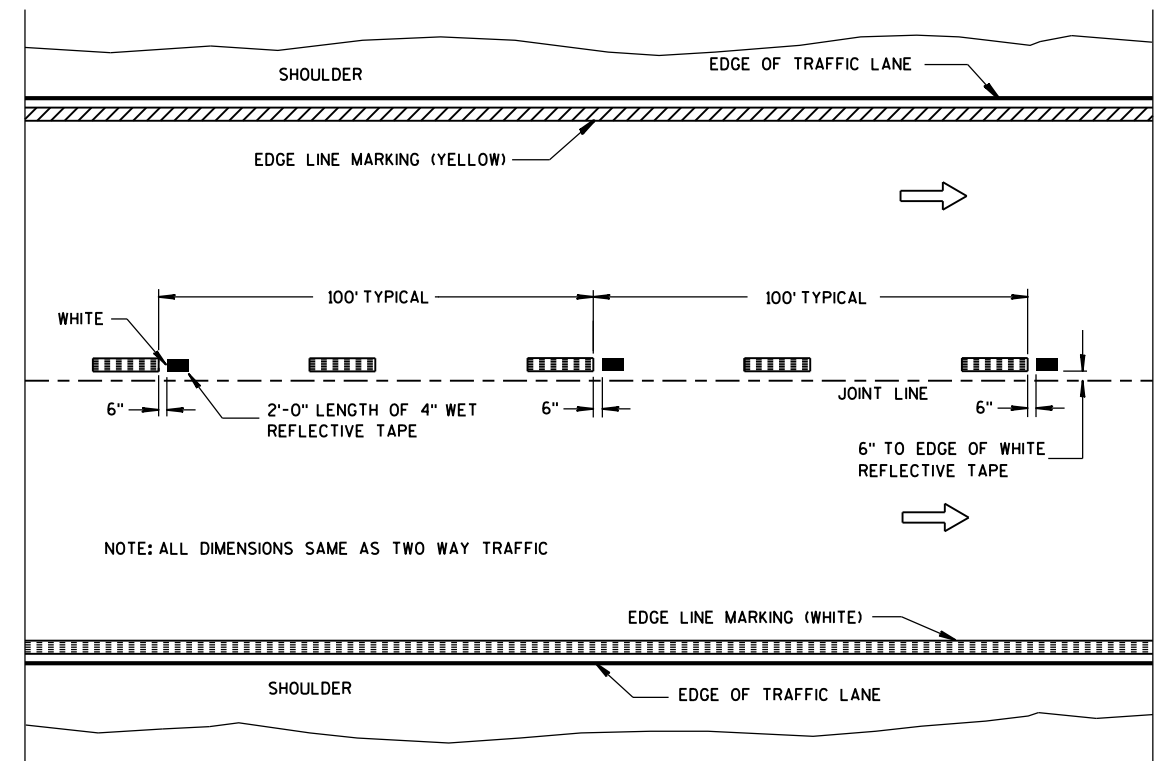
GENERAL NOTES

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

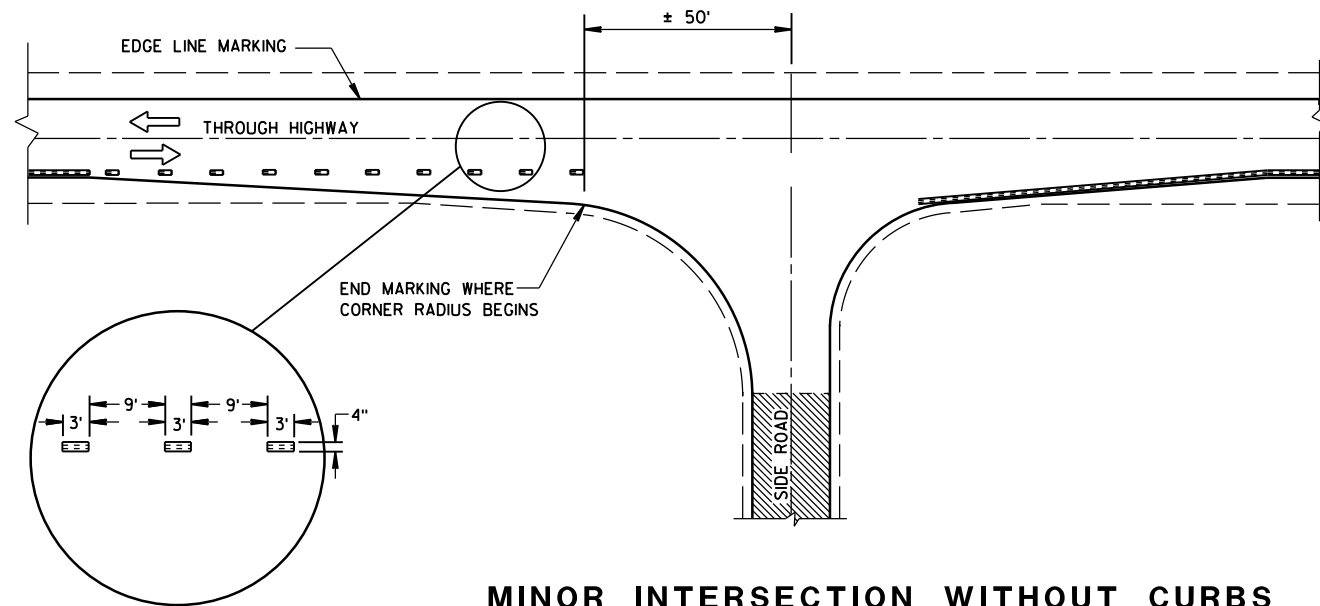
LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

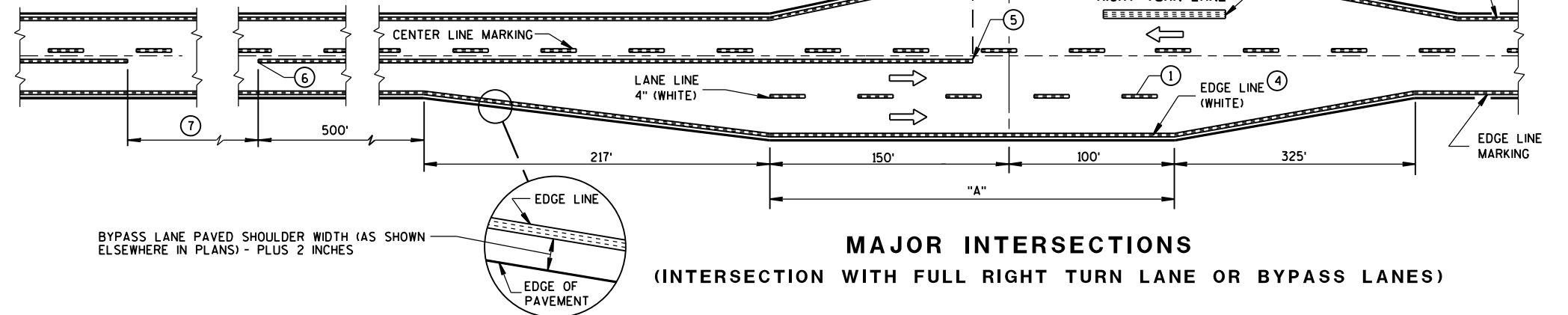
APPROVED
5-13-2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER
FHWA



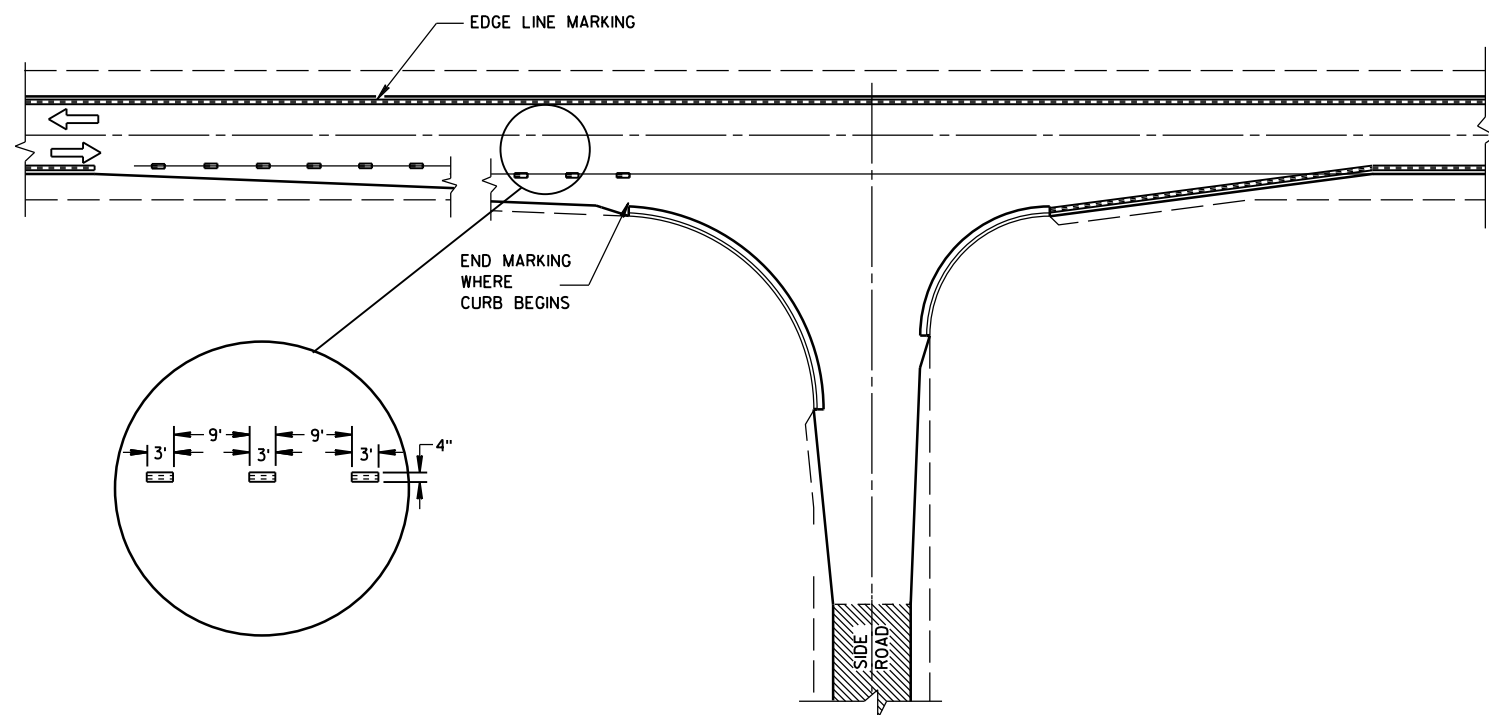
MINOR INTERSECTION WITHOUT CURBS

⑦

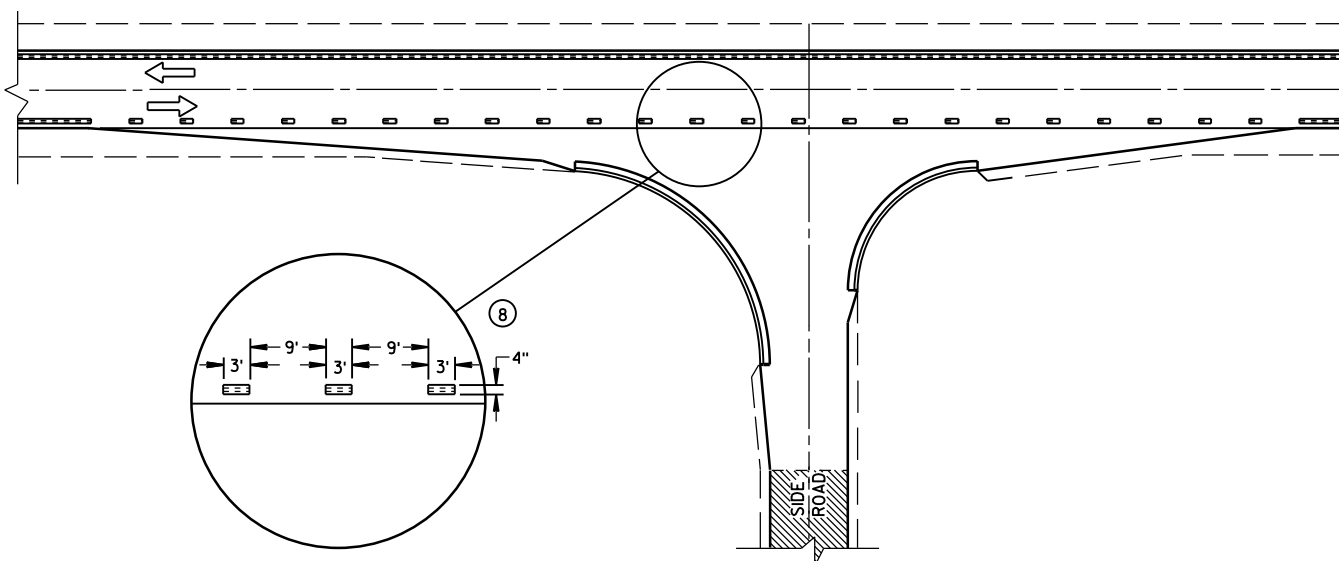
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



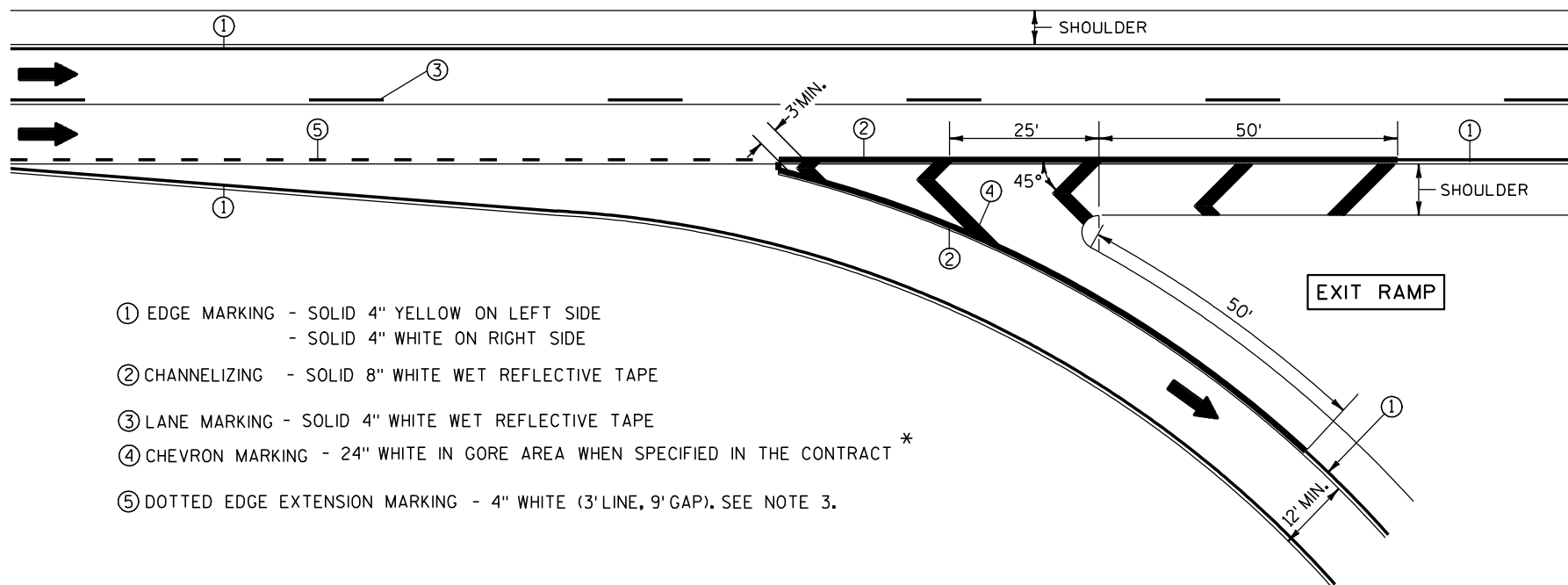
MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
 - ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
 - ③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
 - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
 - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
 - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
 - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
 - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

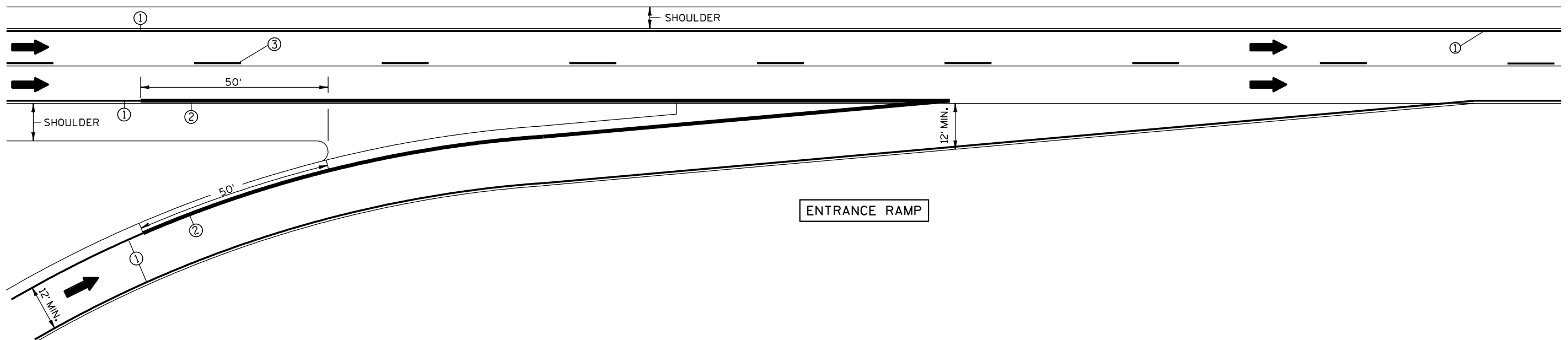


- ① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE
- ② CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE
- ③ LANE MARKING - SOLID 4" WHITE WET REFLECTIVE TAPE
- ④ CHEVRON MARKING - 24" WHITE IN GORE AREA WHEN SPECIFIED IN THE CONTRACT *
- ⑤ DOTTED EDGE EXTENSION MARKING - 4" WHITE (3' LINE, 9' GAP). SEE NOTE 3.

NOTES:

- 1. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- 2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.
- 3. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- 4. RETRACE EXISTING DIAGONAL MARKINGS.

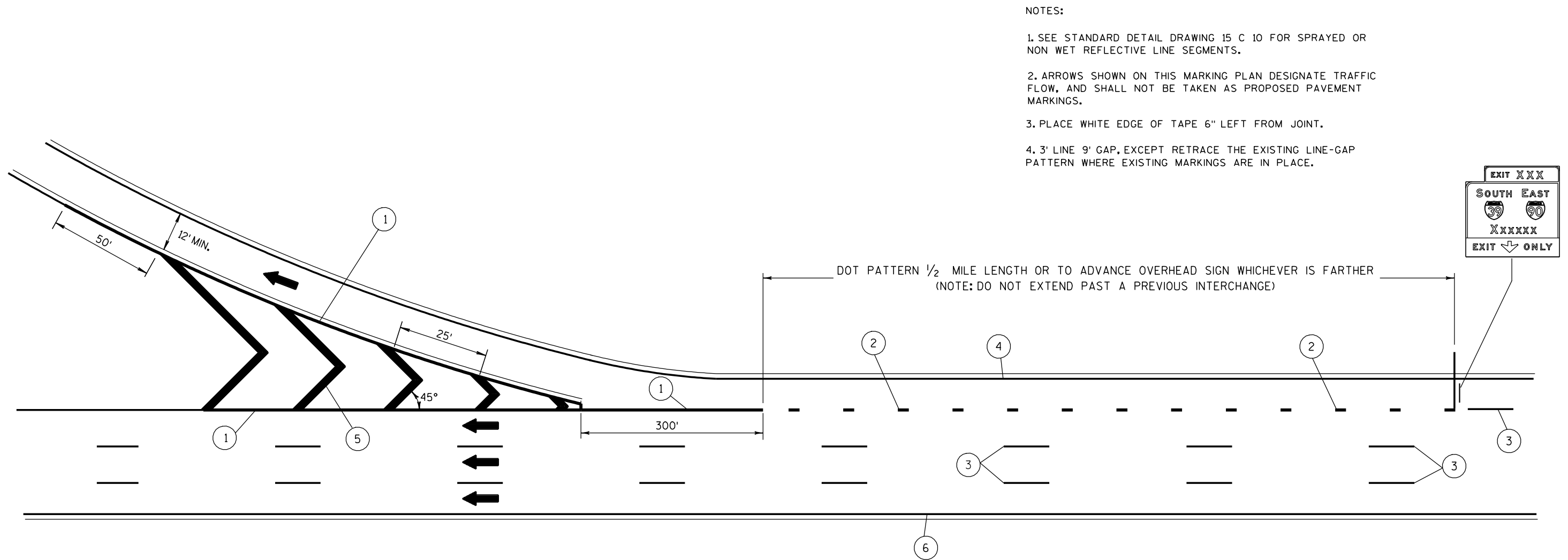
* REFER TO DESIGN NOTES.



ENTRANCE RAMP

PAVEMENT MARKING
(RAMPS AND GORES)

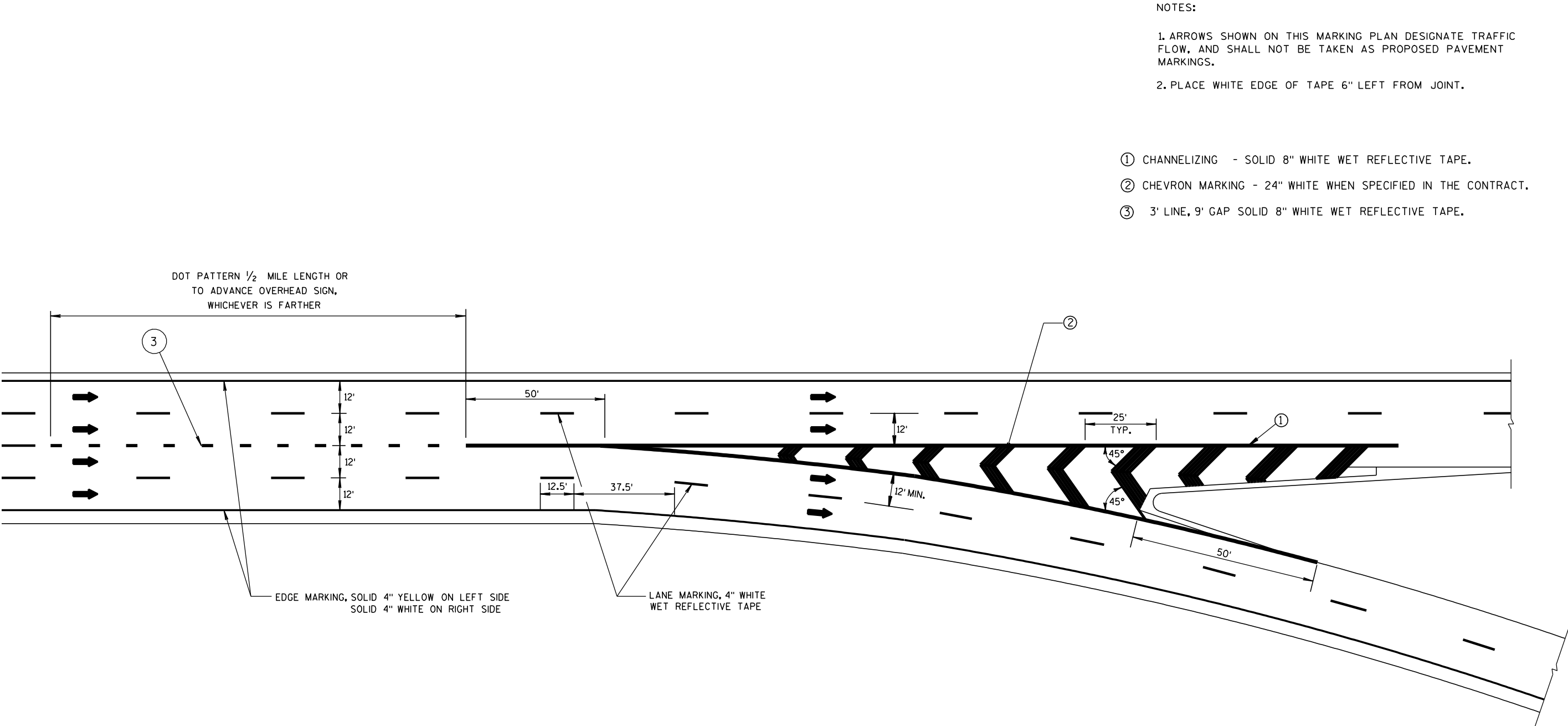
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



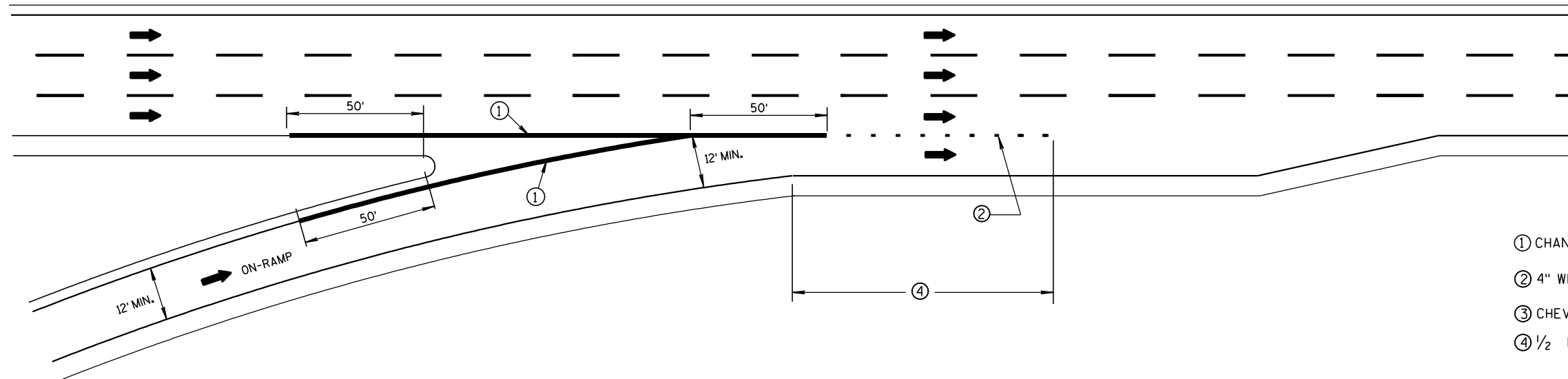
- ① CHANNELIZING - SOLID 8" WHITE WET RELECTIVE TAPE
- ② 3' LINE, 9' GAP SOLID 8" WHITE WET REFLECTIVE TAPE. SEE NOTE 4.
- ③ SOLID 4" WHITE WET REFLECTIVE TAPE
- ④ 4" WHITE EDGELINE
- ⑤ CHEVRON MARKING - 24" WHITE WHEN SPECIFIED IN THE CONTRACT
- ⑥ 4" YELLOW EDGELINE

LANE DROP
PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



- NOTES:
- 1. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
 - 2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.
- ① CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE.
- ② CHEVRON MARKING - 24" WHITE WHEN SPECIFIED IN THE CONTRACT.
- ③ 3' LINE, 9' GAP SOLID 8" WHITE WET REFLECTIVE TAPE.

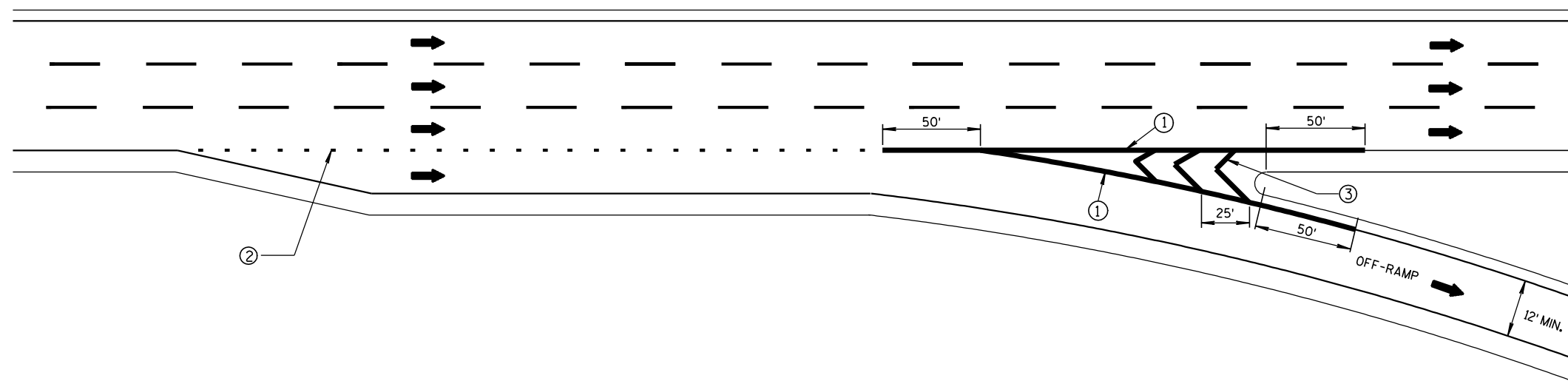
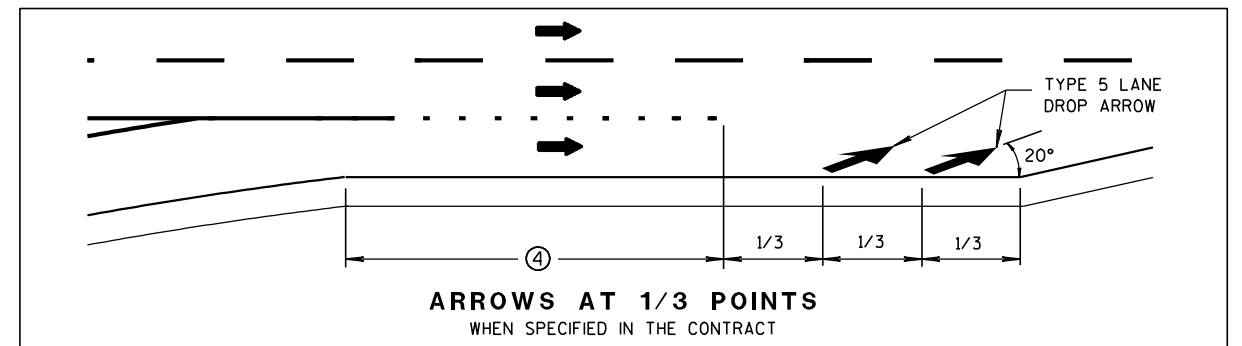


NOTES:

1. AHEAD ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.
3. RETRACE EXISTING DIAGONAL MARKINGS.

- ① CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE IN GORE AREA.
- ② 4" WHITE (3' LINE, 9' GAP).
- ③ CHEVRON MARKING - 24" WHITE WHEN SPECIFIED IN THE CONTRACT.
- ④ 1/2 LENGTH OF FULL WIDTH ACCELERATION LANE.

SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING FOR
PARALLEL ON-RAMP AND
PARALLEL OFF-RAMPSTATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

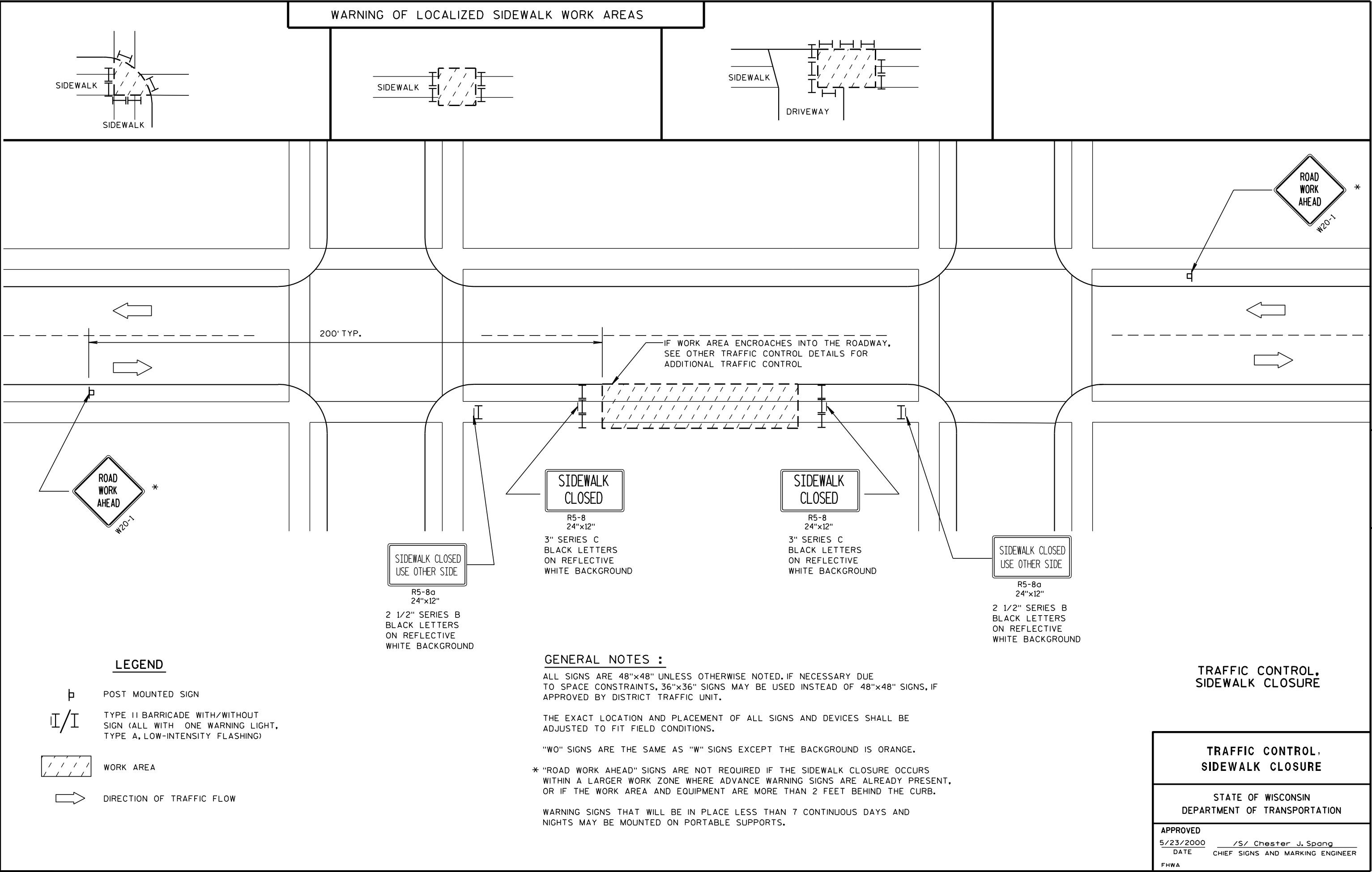
APPROVED

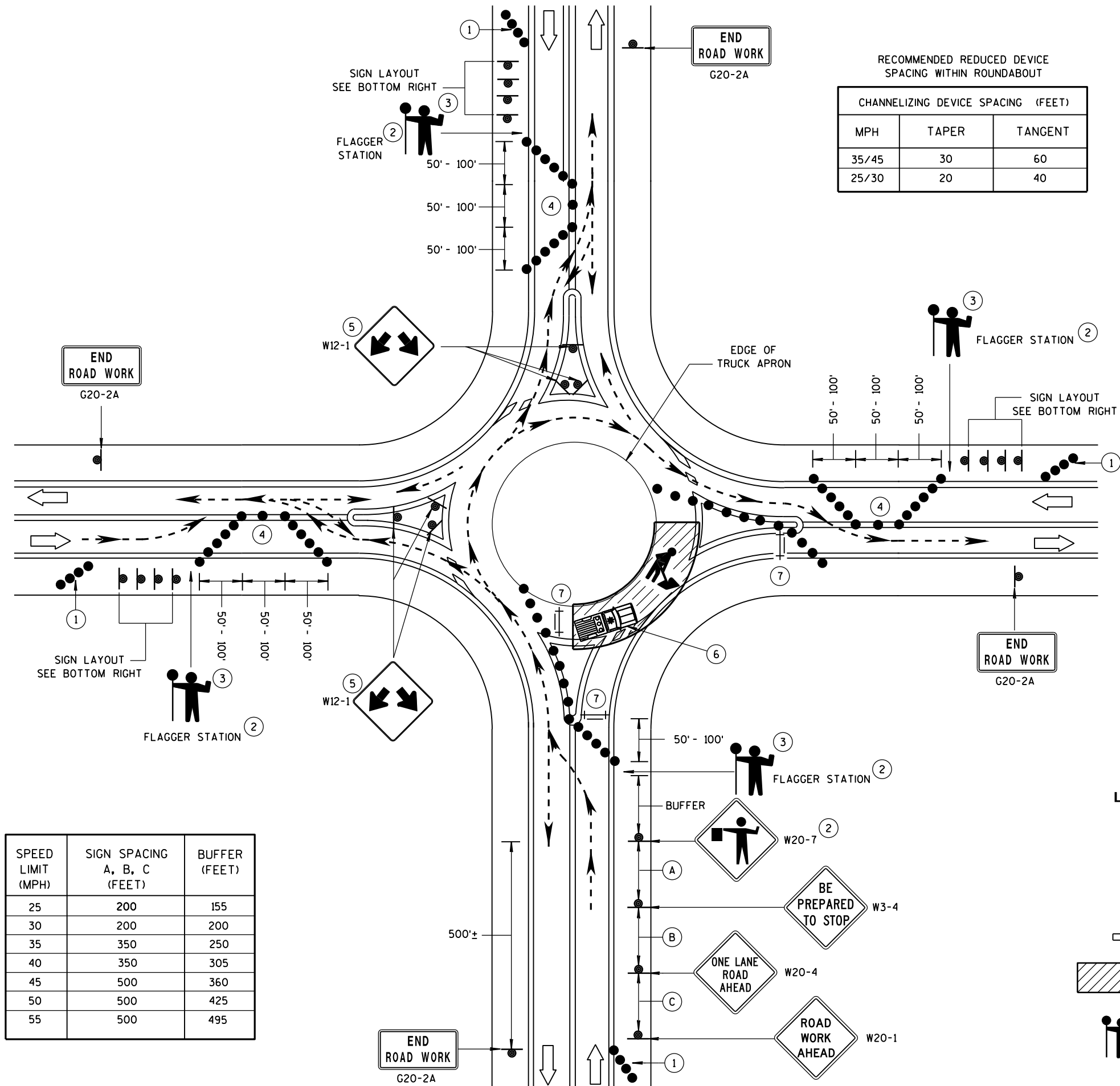
6/23/2011

DATE

FHWA

/S/ Thomas N. Notbohm
STATE TRAFFIC ENGINEER OF DESIGN





SPEED LIMIT (MPH)	SIGN SPACING A, B, C (FEET)	BUFFER (FEET)
25	200	155
30	200	200
35	350	250
40	350	305
45	500	360
50	500	425
55	500	495

END
ROAD WORK
G20-2A

RECOMMENDED REDUCED DEVICE
SPACING WITHIN ROUNDABOUT

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35/45	30	60
25/30	20	40

GENERAL NOTES

ALL SIGNS ARE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS IF APPROVED BY THE ENGINEER.

REMOVE OR COVER CONFLICTING SIGNS.

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

ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME.

FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER.

RADIO COMMUNICATION SHALL BE USED BY ALL FLAGGERS.

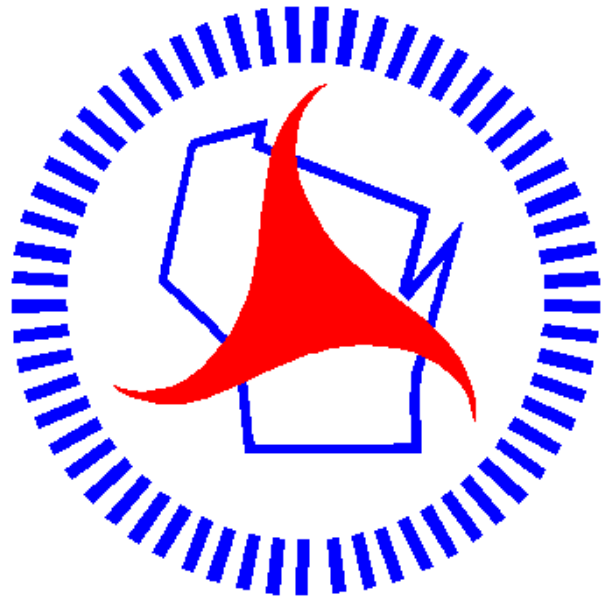
NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S).

- 1 PLACE A MINIMUM OF 4 DRUMS ON THE SHOULDER IN ADVANCE OF THE PCMS IN A TAPER FOR DELINEATION ON ALL APPROACHES TO THE ROUNDABOUT.
- 2 ESTABLISH THE LIMITS OF THE WORK ZONE TO ENSURE THE MAXIMUM POSSIBLE SIGHT DISTANCE TO THE FLAGGER STATION.
- 3 FLAGGERS SHALL BE IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.
- 4 ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.
- 5 GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (W12-1) SIGN.
- 6 BUFFER VEHICLE RECOMMENDED TO SHIELD WORK AREA.
- 7 TYPE III BARRICADES WITH ROAD CLOSED SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- || TYPE III BARRICADE WITH ATTACHED SIGN
- ➡ DIRECTION OF TRAFFIC
- ▨ WORK AREA
- 🚧 FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

TRAFFIC CONTROL, 2-LANE ROUNDABOUT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 3-2014 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN
FHWA	



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>