

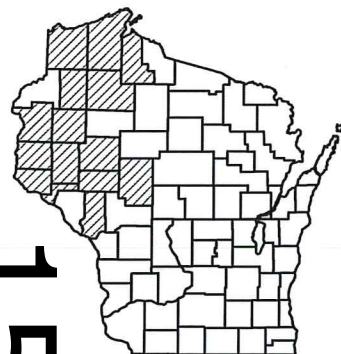
EAU

JUNE 2017

ORDER OF SHEETS

- Section No. 1 Title
Section No. 2 Typical Sections and Details
Section No. 3 Estimate of Quantities
Section No. 3 Miscellaneous Quantities
~~Section No. 4 Right of Way Plat~~
Section No. 5 Plan and Profile
Section No. 6 Standard Detail Drawings
~~Section No. 7 Sign Plates~~
~~Section No. 8 Structure Plans~~
~~Section No. 9 Computer Earthwork Data~~
~~Section No. 9 Cross Sections~~

TOTAL SHEETS = 60



DESIGN DESIGNATION

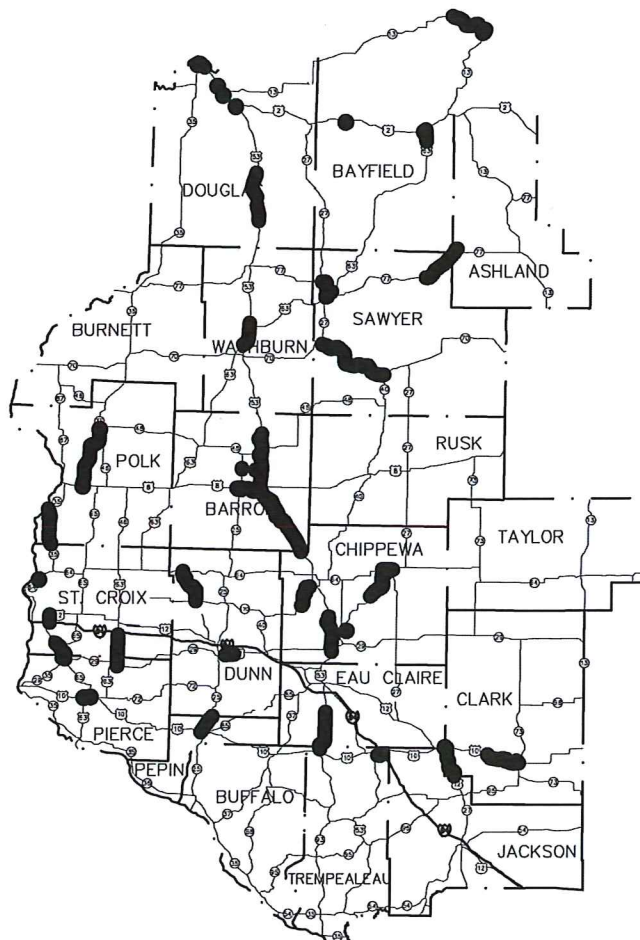
- A.A.D.T. = N/A
A.A.D.T. = N/A
D.H.V. = N/A
D.D. = N/A
T. = N/A
DESIGN SPEED = N/A
ESALS = N/A

CONVENTIONAL SYMBOLS

- PLAN
CORPORATE LIMITS
REFERENCE LINE
COMBUSTIBLE FLUIDS
UTILITIES
ELECTRIC
FIBER OPTIC
GAS
SANITARY SEWER
STORM SEWER
TELEPHONE
WATER
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY REHABILITATION - MAINTENANCE PROJECT
NW REGION, PAVEMENT MARKING 2017
VARIOUS HIGHWAYS
NW REGION WIDE

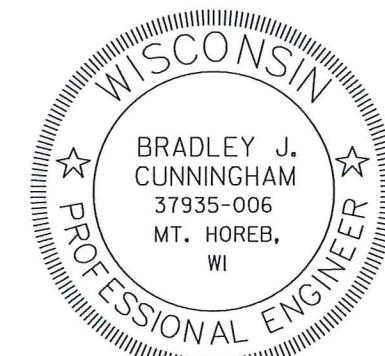
STATE PROJECT NUMBER
1000-18-11



LAYOUT
SCALE 0 20.0 40.0 MI.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1000-18-11	WISC 2017324	1

ORIGINAL PLANS PREPARED BY
KL Engineering
[A] Better Experience



2-20-2017
(Date) *Bradley J. Cunningham*
(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor N/A
Designer KL ENGINEERING/WISDOT
Project Manager MOHAMAD HAYEK
Regional Examiner JENNIFER OLDENBURG
Regional Supervisor MARK FLOEDERER

APPROVED FOR THE DEPARTMENT
DATE: 2/21/17 *[Signature]*
(Signature)

E

NORTHWEST REGION TRAFFIC CONTACT

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WISCONSIN DEPARTMENT OF TRANSPORTATION
5009 USH 53 SOUTH
EAU CLAIRE, WI 54701
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WISCONSIN DEPARTMENT OF TRANSPORTATION
718 W. CLAIREMONT AVE
EAU CLAIRE, WI 54701
PHONE (715) 836-3919

SGT. BRIAN ERICKSON - SPEED ENFORCEMENT BARS
ST CROIX COUNTY
5005 USH 53 SOUTH
EAU CLAIRE, WI 54701
PHONE (715) 839-3800
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SGT. P. KRAETKE - SPEED ENFORCEMENT BARS
DOUGLAS COUNTY
W7102 GREEN VALLEY ROAD
SPOONER, WI 54801
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NORTHWEST REGION DNR CONTACTS

(CHIPPEWA, CLARK, DUNN, EAU CLAIRE, PEPIN,
PIERCE, ST. CROIX)
CHRIS WILLGER
DNR WEST CENTRAL REGION HQ
1300 WEST CLAIREMONT STREET
EAU CLAIRE, WI 54701
(715) 839-1609

(ASHLAND, BAYFIELD, SAWYER, WASHBURN, PRICE)
SHAWN HASELEU
DNR NORTHERN REGION HQ
810 WEST MAPLE STREET
SPOONER, WI 54801
(715) 635-4228

(TREMPEALEAU)
KAREN KALVELAGE
DNR SERVICE CENTER
3550 MORMON COULEE ROAD
LACROSSE, WI 54601
(608) 785-9115

(DOUGLAS, POLK, BARRON)
AMY CRONK
DNR NORTHERN REGION HQ
810 WEST MAPLE STREET
SPOONER, WI 54801
(715) 635-4229

RAILROAD NOTES

RAILROAD INSURANCE AND COORDINATION REQUIRED FOR ANY AND ALL WORK AT-GRADE
RAILROAD CROSSINGS. WORK ON THIS CONTRACT INVOLVES PAVEMENT MARKING NEAR RAILROAD
CROSSINGS OWNED OWNED BY THE FOLLOWING RAILROAD COMPANIES. SEE SPECIAL PROVISIONS
FOR CONTRACT INFORMATION.

- UNION PACIFIC RAILROAD COMPANY
- WISCONSIN CENTRAL LTD
- BNSF RAILROAD COMPANY

GENERAL NOTES

- 1) THE DEPARTMENT WILL MEASURE REMOVING PAVEMENT MARKINGS BY THE LINEAR FOOT OF
4-INCH WIDE LINE. IF REMOVING 8-INCH LINE, DOUBLE THE QUANTITY.
- 2) THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE
PLANS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO
DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE
AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.
- 3) THE CONTRACTOR SHALL FURNISH MATERIALS FROM THE WISCONSIN DEPARTMENT OF
TRANSPORTATION APPROVED LISTS.
- 4) THE CONTRACTOR AT NO TIME SHALL CLOSE OFF AN ENTIRE RAMP. RAMPS MUST BE
DONE ONE HALF AT A TIME.
- 5) PAINTED SURFACES SHALL BE FREE OF DEBRIS AS STATED IN SECTION 646 OF THE
WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- 6) PAVEMENT MARKINGS SHALL NOT BE PAINTED THROUGH SIGNALIZED INTERSECTIONS OR
THROUGH INTERSECTIONS WHERE TWO STATE TRUNK HIGHWAYS JUNCTION.
- 7) DASHES PAINTED THRU INTERSECTION SHALL MATCH THE EXISTING CYCLE.
- 8) IF ASSIGNED TO PAINT A RAMP, PAINT BOTH SIDES OF THE GORE, GORES ARE PAINTED
WITH RAMPS.



LONG LINE WORK TIMES / TRAFFIC CONTROL / LANE CLOSURE "CONTINUED ONTO NEXT PAGE"

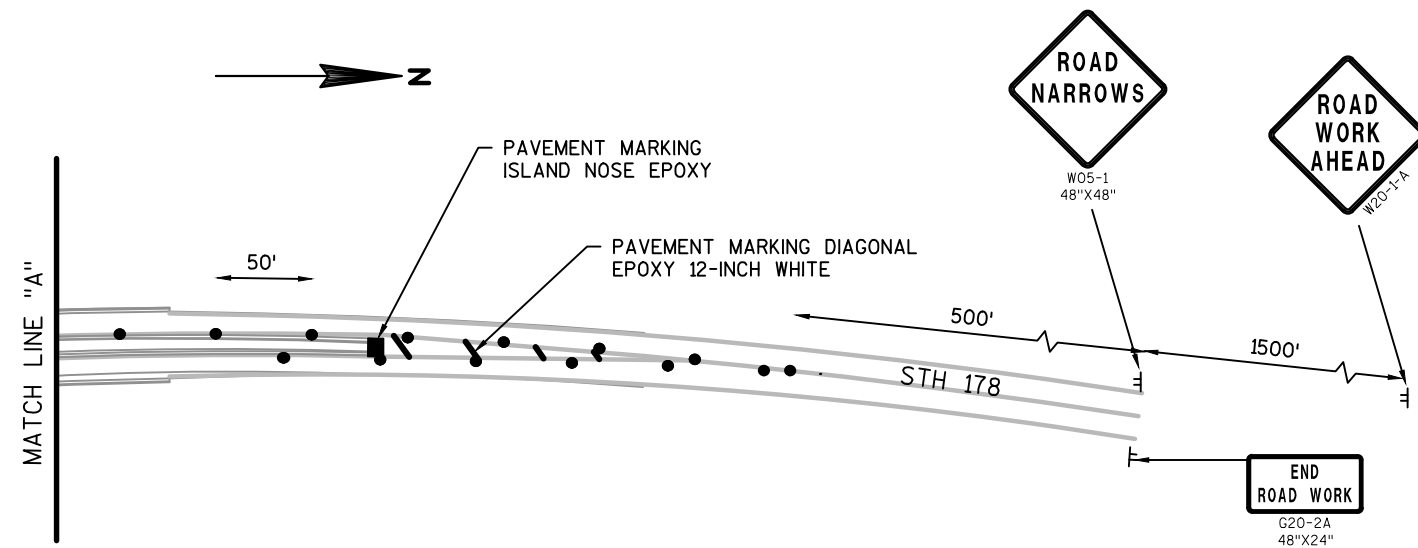
MAP						PAINTING ALLOWED		PAINTING ALLOWED		PAINTING ALLOWED		TRAFFIC CONTROL	WISCONSIN LANE CLOSURE SYSTEM
REF#	MILES	COUNTY	HWY	BEGIN	END	NO TIME RESTRICTIONS	MONDAY 9 AM - 3 PM	THUR FRIDAY 9 PM - 5 AM	SUNDAY THUR THURSDAY 11 PM - 5 AM	SUNDAY THUR THURSDAY 11 PM - 5 AM	SIGN PCMS	ADVANCE NOTIFICATION 3 BUSINESS DAYS	
801	16.7	BARRON	USH 53 NB & SB	1220' NORTH OF CHIPPEWA / BARRON CO LINE INCL RAMP: REST AREA / CHETEK EXIT 126 / USH 8 BARRON EXIT 135	1075' NORTH OF MILE POST 136	X	--	--	--	--	--	X	
802	12.2	BARRON	USH 53 NB & SB	1075' NORTH OF MILE POST 136 LANE LINES & EXIT / ENTRY GORES ARE TAPE / DO NOT PAINT INCL RAMP:CTH O EXIT 140 / STH 48 EXIT 143	580' SOUTH OF 26TH AVE / ASPHALT	X	--	--	--	--	--	X	
803	4.0	BARRON	USH 8	WYE ST / BARRON	CTH O / EAST OF BARRON	--	X	X	--	--	--	X	
804	----	BARRON	USH 53	CTH O EXIT 140 / RICE LAKE	2 ROUNDABOUTS ON CTH O BETWEEN RAMP	--	--	--	X	X	X	X	
805	5.0	WASHBURN	USH 53 NB & SB	MILE POST 169 / CTH A EAST LANE LINES / EXIT & ENTRY GORES / TURN LANES ARE TAPE / DO NOT PAINT INCL: MEDIAN + OVERS AT CTH E & USH 63	MILE POST 174 / 1425' SOUTH OF WHALEN RD	X	--	--	--	--	--	X	
806	14.4	POLK	STH 35	USH 8 / ST CROIX FALLS INCLD: RAMP ONTO WESTBOUND USH 8 / ST CROIX FALLS	800 FT SOUTH OF STH 48 EAST / LUCK	X	--	--	--	--	--	X	
807	7.6	POLK	STH 35	POLK / ST CROIX CO LINE	STH 243 / OSCEOLA	--	X	X	--	--	--	X	
808	9.9	SAWY/ASHLAND	STH 77	1900' NORTH OF SCHEERS RD / EAST OF HAYWARD	320' NORTH OF CTH M / CTH GG / CLAM LAKE	X							
808A	3.6	SAWYER	STH 27	USH 63 NORTH / STH 77 EAST / HAYWARD	STH 77 WEST	--	X	X	--	--	--	--	
809	18.0	SAWYER	STH 27	STH 70 WEST	STH 40 SOUTH / RADISSON	X	--	--	--	--	--	--	
810	1.1	SAWYER	USH 63	FLORIDA AVE / HAYWARD	PAR LANE / HAYWARD / END OF DVD HWY	--	--	X	--	--	--	X	
811	2.6	BAYFIELD	USH 63	STH 118 EAST	USH 2	X	--	--	--	--	--	--	
812	1.0	BAYFIELD	STH 13	BRESETTE HILL RD / RED CLIFF	NORTH END OF RED CLIFF / END OF CURB & GUTTER	X	--	--	--	--	--	--	
813	6.7	BAYFIELD	STH 13	OLD HWY K (1.6 MILES NORTH OF RED CLIFF)	370' SOUTH OF ECHO VALLEY RD	X	--	--	--	--	--	--	
814	3.9	DOUGLAS	USH 53 SB ONLY	110' SOUTH OF MILE POST 200 (2 MILES SOUTH OF SOLON SPRINGS)	150' NORTH OF MILE POST 196 (SOUTH OF SNOWBERRY RD)	X	--	--	--	--	--	--	
815	6.0	DOUGLAS	USH 53 SB ONLY	NORTH END OF BRIDGE DECK / 1270' NORTH OF HARROUN RD	2000' SOUTH OF MILE POST 202 / SOLON SPRING AIRPORT	X	--	--	--	--	--	--	
816	1.7	DOUGLAS	USH 53	USH 2 WEST / SUPERIOR	BLATNIK BRIDGE BRIDGE DECK/ WISCONSIN SIDE INCL: MEDIAN + OVER AT CATLIN AVE / SUPERIOR	--	--	X	--	--	--	X	
601	8.3	DUNN	STH 79	STH 170 / BOYCEVILLE	STH 64 / CONNORSVILLE	X	--	--	--	--	--	--	
602	2.5	DUNN	USH 12	RED CEDAR ST / MENOMONIE	2000' EAST OF CTH B NORTH / ASPHALT	X	--	--	--	--	--	--	
603	7.8	CLARK	USH 10	1160' EAST OF BACHELORS AVE	STH 73 SOUTH / STH 95 WEST / NEILLSVILLE	X	--	--	--	--	--	--	
604	-----	CLARK	USH 10	CTH B EAST / BUSINESS USH 10	SEE PAINTED MEDIAN ISLAND MODIFICATION/ DRAWING	X	--	--	--	--	--	--	
605	6.7	CLARK	USH 12	USH 10 EAST JCT	CLARK / JACKSON CO LINE	X	--	--	--	--	--	--	
606	7.5	CHIPPEWA	USH 53 NB & SB	40TH AVE OVERPASS / USH 53 SB OFF RAMP TO STH 29 WEST INCLD: 4 RAMP AT CTH B / EXIT 102 / TILDEN BUS 29 & CTH S RAMP PAINT ONLY MAINLINE SIDE OF 8" GORES	MAINTNEANCE + OVER 633' NORTH OF MILE POST 103/ TILDEN	--	X	X	--	--	--	X	

LONG LINE WORK TIMES / TRAFFIC CONTROL / LANE CLOSURE

MAP						PAINTING ALLOWED		PAINTING ALLOWED		PAINTING ALLOWED		TRAFFIC CONTROL	WISCONSIN LANE CLOSURE SYSTEM
REF#	MILES	COUNTY	HWY	BEGIN	END	NO TIME RESTRICTIONS	MONDAY THUR 9 AM - 3 PM	FRIDAY SUNDAY THUR 9 PM - 5 AM	THURSDAY SUNDAY THUR 11 PM - 5 AM	THURSDAY SUNDAY THUR 11 PM - 5 AM	SIGN PCMS	ADVANCE NOTIFICATION 3 BUSINESS DAYS	
607	----	CHIPPEWA	USH 53	CTH M / EXIT 118 / NEW AUBURN	2 RAMPS / OFF & ON SB RAMPS	X	--	--	--	--	--	X	
608	1.8	PIERCE	USH 10	265' WEST OF USH 63 SOUTH / WEST OF ELLSWORTH	STH 65 NORTH / MAPLE ST. / ELLSWORTH	X	--	--	--	--	--	--	
609	2.0	PIERCE	USH 63	STH 29 EAST	PIERCE / ST CROIX CO LINE	--	--	--	--	--	--	X	
610	0.7	PIERCE	STH 29	CEMETARY RD / 830TH AVE / ROUNDABOUT / RIVER FALLS / NORTH END OF RA	STH 35 NORTH	--	X	X	--	--	--	X	
611	3.7	PIERCE	STH 35	STH 29 EAST / RIVER FALLS INCLD: 4 RAMPS AT STH 65 / RIVER FALLS	1175' SOUTH OF CTH U / RADIO RD OFF RAMP LANE LINES / EXIT & ENTRY GOES / ARE TAPE DO NOT PAINT	--	X	X	--	--	--	--	
612	1.8	ST CROIX	USH 12	1 94 EB ON / OFF RAMPS / EXIT 4	370' EAST OF CTH U / ASPHALT	--	X	X	--	--	--	--	
613	3.9	ST CROIX	USH 63	PIERCE / ST CROIX CO LINE	520' SOUTH OF 47TH AVE / SOUTH OF 1 94	X	--	--	--	--	--	X	
614	1.0	TREMPEALEAU	USH 10	START OF DVD HWY / 370' WEST OF ROSE LN / OSSEO (CONCRETE) INCLD: 4 RAMPS AT USH 10 / EXIT 88 / OSSEO PCMS ON 1 94 MAINLINE	END OF DVD HWY / 1000' EAST OF INDUSTRIAL RD / ASPHALT EXIT & ENTRY GOES ARE TAPE / DO NOT REMOVE OR PAINT	X	--	--	--	--	--	--	
615	4.3	PEPIN	STH 25	USH 10 / WEST OF DURAND	PEPIN / DUNN CO LINE	X	--	--	--	--	--	--	
NPZ 1	19.2	CHIPPEWA TRAVELING NB	STH 178	CTH ZZ 4 TOUCHES - EXTENSIONS	STH 64 / CORNELL	X	--	--	--	--	--	--	
NPZ 2	0.3	CHIPPEWA TRAVELING EB	STH 64	230TH ST 4 TOUCHES - EXTENSION	STH 178 / CORNELL	X	--	--	--	--	--	--	
NPZ 3	5.5	CHIPPEWA TRAVELING NB	STH 40	CTH C 3 TOUCHES - EXTENSION	.86 MILES N OF CTH A	X	--	--	--	--	--	--	
NPZ 4	8.2	EAU CLAIRE TRAVELING NB	STH 93	TREMPEALEAU / EAU CLAIRE COUNTY LINE 7 TOUCHES - EXTENSIONS	BEGIN DIV HWY / CEDAR RD	--	X	--	--	--	--	--	
NPZ 5	1.4	BARRON TRAVELING EB	USH 8	CTH O 3 TOUCHES - EXTENSIONS	USH 53S	--	X	--	--	--	--	--	
NPZ 6	POINT	BARRON TRAVELING EB	STH 25	3.14 MILES NORTH OF 15TH AVE 1 TOUCH - REMOVAL		X	--	--	--	--	--	--	

SPECIAL MARKING WORK TIMES / TRAFFIC CONTROL / LANE CLOSURE "CONTINUED ONTO NEXT PAGE"						
		NO TIME RESTRICTIONS	PAINTING ALLOWED MONDAY THUR FRIDAY 9 AM - 3 PM	PAINTING ALLOWED SUNDAY THUR THURSDAY 9 PM - 5 AM	PAINTING ALLOWED SUNDAY THUR THURSDAY 11 PM - 5 AM	TRAFFIC CONTROL SIGN PCMS
						WISCONSIN LANE CLOSURE SYSTEM ADVANCE NOTIFICATION 3 BUSINESS DAYS
COUNTY	CHIPPEWA					
MAP REFERENCES	CHIPPEWA 62A & 62B	--	--	--	X	X
MAP REFERENCE HWY	178					
MAP REFERENCE SITE ID	CTH S - CHIPPEWA FALLS - ROUNDABOUT					
MAP REFERENCES	CHIPPEWA 14A & 14B	X	--	--	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	CTH B - TILDEN - EXIT 102					
COUNTY	BARRON					
MAP REFERENCE	BARRON 03	--	--	--	X	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	CTH O EXIT 140 - RICE LAKE - ROUNDABOUTS ON CTH O					
MAP REFERENCES	BARRON 12A & 12B	X	--	--	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	53NB & SB BETWEEN MILE POST 129 &132 - NORTH OF CHETEK EXIT 126					
MAP REFERENCES	BARRON 14A & 14B	X	--	--	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	CTH I - CHETEK - EXIT 126					
MAP REFERENCE	BARRON 16A & 16B	X	--	--	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	53NB & SB - RICE LAKE					
MAP REFERENCES	BARRON 17A & 17B	X	--	--	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	STH 48 - RICE LAKE - EXIT 143					
MAP REFERENCES	BARRON 22, 24A, 25, 26, 27, 28, 30A, 31, 33, 35, 36, 37, 38 & 30AA	--	X	X	--	X
MAP REFERENCE HWY	8					
MAP REFERENCE SITE ID	USH 8 - BARRON					
COUNTY	DOUGLAS					
MAP REFERENCE	DOUGLAS 38	X	--	--	--	--
MAP REFERENCE HWY	2					
MAP REFERENCE SITE ID	CTH C - SOUTH OF SUPERIOR					
MAP REFERENCE	DOUGLAS 30A, 30AA, 32A, 33A, 34A, 35A, 36A & 37A	--	X	X	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	USH 53 - SUPERIOR					
MAP REFERENCE	DOUGLAS 30B, 30BB, 31C, 32B, 33B, 34B, 35B, 36B & 37B	--	X	X	--	X
MAP REFERENCE HWY	53					
MAP REFERENCE SITE ID	I-535 SB TO USH 53 SB - SUPERIOR					
MAP REFERENCE	DOUGLAS 1000	X	--	--	--	X
MAP REFERENCE HWY	2					
MAP REFERENCE SITE ID	STATE PATROL WEIGH SCALE FACILITY- SOUTH OF SUPERIOR					
MAP REFERENCE	DOUGLAS 1001					
MAP REFERENCE HWY	2	X	--	--	--	X
MAP REFERENCE SITE ID	1/2 MILE SOUTH OF SUPERIOR REST AREA - SOUTH OF SUPERIOR					
MAP REFERENCE	DOUGLAS 1002	--	--	--	X	X
MAP REFERENCE HWY	535					
MAP REFERENCE SITE ID	SOUTHBOUND I 535 ON BLATNIK BRIDGE - SUPERIOR					
COUNTY	SAWYER					
MAP REFERENCE	SAWYER 11A, 12A, 12B, 12C, 13, 14, 19 & 20	--	--	X	--	X
MAP REFERENCE HWY	63					
MAP REFERENCE SITE ID	USH 63 - HAYWARD					
COUNTY	PIERCE					
MAP REFERENCE	PIERCE 04A & 04B	X	--	--	--	--
MAP REFERENCE HWY	10 & 63					
MAP REFERENCE SITE ID	USH 63S & USH 10 - WEST OF ELLSWORTH					
MAP REFERENCE	PIERCE 10A	X	--	--	--	--
MAP REFERENCE HWY	10 & 65					
MAP REFERENCE SITE ID	STH 65 & USH 10 - S MAPLE ST - ELLSWORTH					

		SPECIAL MARKING WORK TIMES / TRAFFIC CONTROL / LANE CLOSURE							
		NO TIME	PAINTING ALLOWED		PAINTING ALLOWED	PAINTING ALLOWED	TRAFFIC CONTROL	WISCONSIN	
		RESTRICTIONS	MONDAY THUR	FRIDAY	SUNDAY THUR	THURSDAY	SIGN	ADVANCE NOTIFICATION	
			9 AM - 3 PM		9 PM - 5 AM		PCMS	3 BUSINESS DAYS	
COUNTY	CLARK								
MAP REFERENCE	CLARK 04A	X	--		--		--	--	
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	STH 73 - NEILLSVILLE								
MAP REFERENCE	CLARK 05	X	--		--		--	--	
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	CTH B - BUSINESS 10 - NEILLSVILLE								
COUNTY	CLARK								
MAP REFERENCE	CLARK 06	X	--		--		--	--	
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	USH 10 - EAST JCT - EAST OF FAIRCHILD								
COUNTY	BAYFIELD								
MAP REFERENCE	BAYFIELD 04	X	--		--		--	--	
MAP REFERENCE HWY	2								
MAP REFERENCE SITE ID	CTH A NORTH, CTH H SOUTH - IRON RIVER								
MAP REFERENCE	BAYFIELD 10	X	--		--		--	--	
MAP REFERENCE HWY	13								
MAP REFERENCE SITE ID	BLUEBERRY RD - RED CLIFF								
MAP REFERENCE	BAYFIELD 32	X	--		--		--	--	
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	USH 2 WEST OF ASHLAND								
COUNTY	POLK								
MAP REFERENCE	POLK 12	--	X		X		--	X	
MAP REFERENCE HWY	35								
MAP REFERENCE SITE ID	USH 8 WB ON RAMP								
MAP REFERENCE	POLK 30 & 31	--	X		X		--	X	
MAP REFERENCE HWY	35								
MAP REFERENCE SITE ID	OSCEOLA								
MAP REFERENCE	POLK 89	X	--		--		--	--	
MAP REFERENCE HWY	48								
MAP REFERENCE SITE ID	STH 35 SB								
COUNTY	ST. CROIX								
MAP REFERENCE	ST CROIX 1000	X	--		--		--	--	
MAP REFERENCE HWY	64								
MAP REFERENCE SITE ID	WEST OF CTH V								
MAP REFERENCE	ST CROIX 09A, 09B, 10A, 10B, 47A, 47B, 70A, 70B, 71A, 71B, 72A, 72B, 74A, 74B, 80A & 80B	--	X		X		--	--	
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	USH 12 - HUDSON								
COUNTY	TREMPEALEAU								
MAP REFERENCE	TREMPEALEAU 02A & 02B	--	X		X		--	X	
MAP REFERENCE HWY	94								
MAP REFERENCE SITE ID	USH 10 OSSEO EXIT 88								
MAP REFERENCE	TREMPEALEAU 26A, 26B, 27A, 27B, 28A, 28B, 29A, 29B, 30A, 30B, 31A & 31B	X	--		--		--	--	
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	USH 10 - OSSEO								
COUNTY	WASHBURN								
MAP REFERENCE	WASHBURN 08A, 08B, 09A, 09B & 09C	X	--		--		--	X	
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	TREGO								



GENERAL NOTES

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

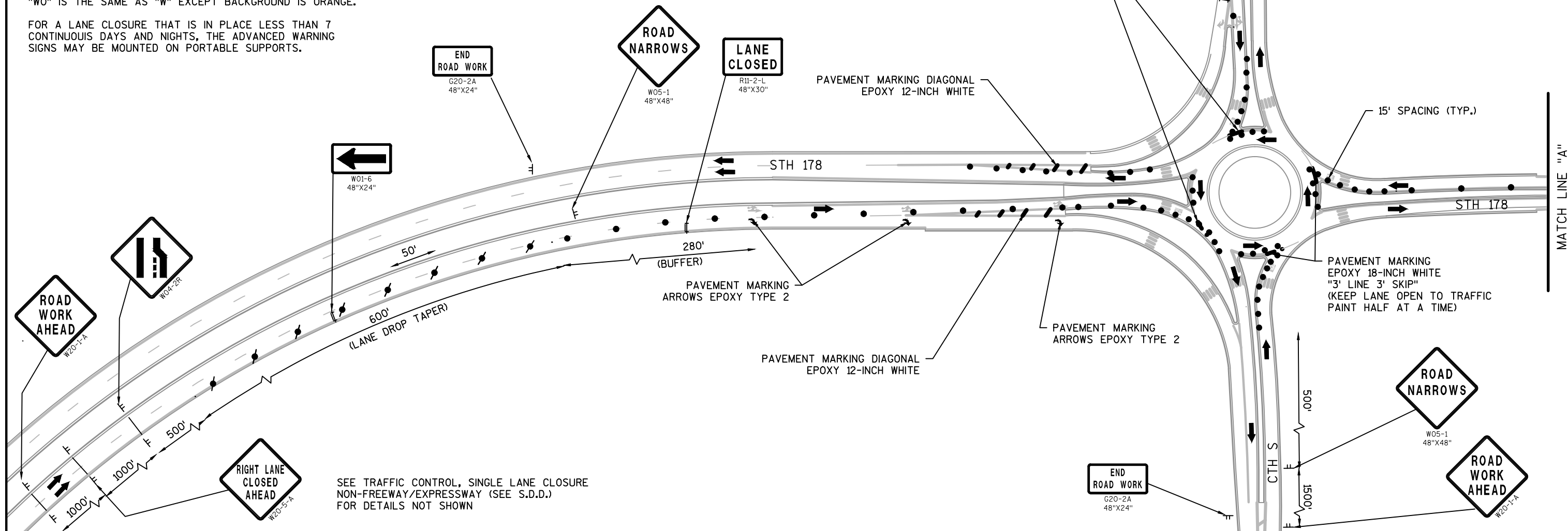
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET DISTANCE TO EXISTING SIGNS.

"WO" IS THE SAME AS "W" EXCEPT BACKGROUND IS ORANGE.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

TRAFFIC CONTROL LEGEND

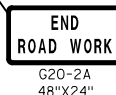
- TRAFFIC CONTROL DRUM
- || BARRICADE TYPE III W/SIGN
- F SIGN ON TEMPORARY SUPPORT
- ← DIRECTION OF TRAFFIC



MATCH LINE "A"

W05-1
48"X48"W20-1-A
48"X48"

1500'

G20-2A
48"X24"

STH 178

TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL DRUM
- ⏏ BARRICADE TYPE III W/SIGN
- ⏏ SIGN ON TEMPORARY SUPPORT
- ➡ DIRECTION OF TRAFFIC

END
ROAD WORKG20-2A
48"X24"LANE
CLOSEDR11-2-L
48"X30"

(TO BE PAINTED UNDER FLAGGING OPERATION)

STH 178

280'

(BUFFER)

600'
(LANE DROP TAPER)

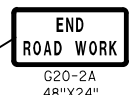
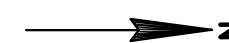
50'

LEFT LANE
CLOSED
AHEADW20-55-A
48"X48"SEE TRAFFIC CONTROL, SINGLE LANE CLOSURE
NON-FREWAY/EXPRESSWAY (SEE S.D.D.)
FOR DETAILS NOT SHOWNPAVEMENT MARKING
EPOXY 18-INCH WHITE
"3' LINE 3' SKIP"
(KEEP LANE OPEN TO TRAFFIC
PAINT HALF AT A TIME)PAVEMENT MARKING
ARROWS EPOXY TYPE 2R
(TO BE PAINTED UNDER FLAGGING OPERATION)PAVEMENT MARKING
ARROWS EPOXY TYPE 2RPAVEMENT MARKING
EPOXY 18-INCH WHITE
"3' LINE 3' SKIP"
(KEEP LANE OPEN TO TRAFFIC
PAINT HALF AT A TIME)W20-1-A
48"X48"W05-1
48"X48"

1500'

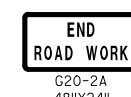
500'

CTH S

END
ROAD WORKG20-2A
48"X24"PAVEMENT MARKING
EPOXY 18-INCH WHITE
"3' LINE 3' SKIP"
(KEEP LANE OPEN TO TRAFFIC
PAINT HALF AT A TIME)

15' SPACING (TYP.)

STH 178

PAVEMENT MARKING
EPOXY 18-INCH WHITE
"3' LINE 3' SKIP"
(KEEP LANE OPEN TO TRAFFIC
PAINT HALF AT A TIME)END
ROAD WORKG20-2A
48"X24"

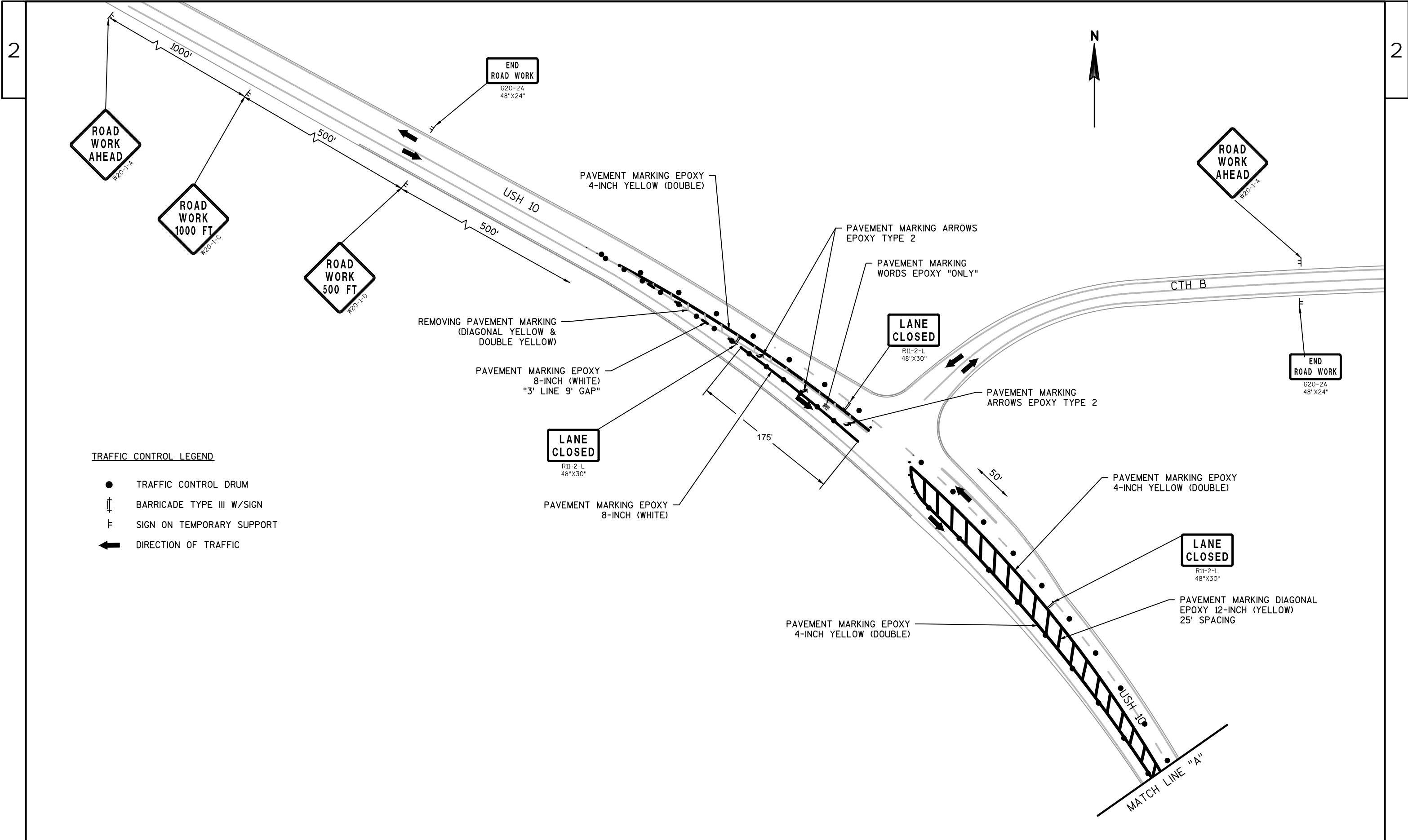
500'

1500'

CTH S

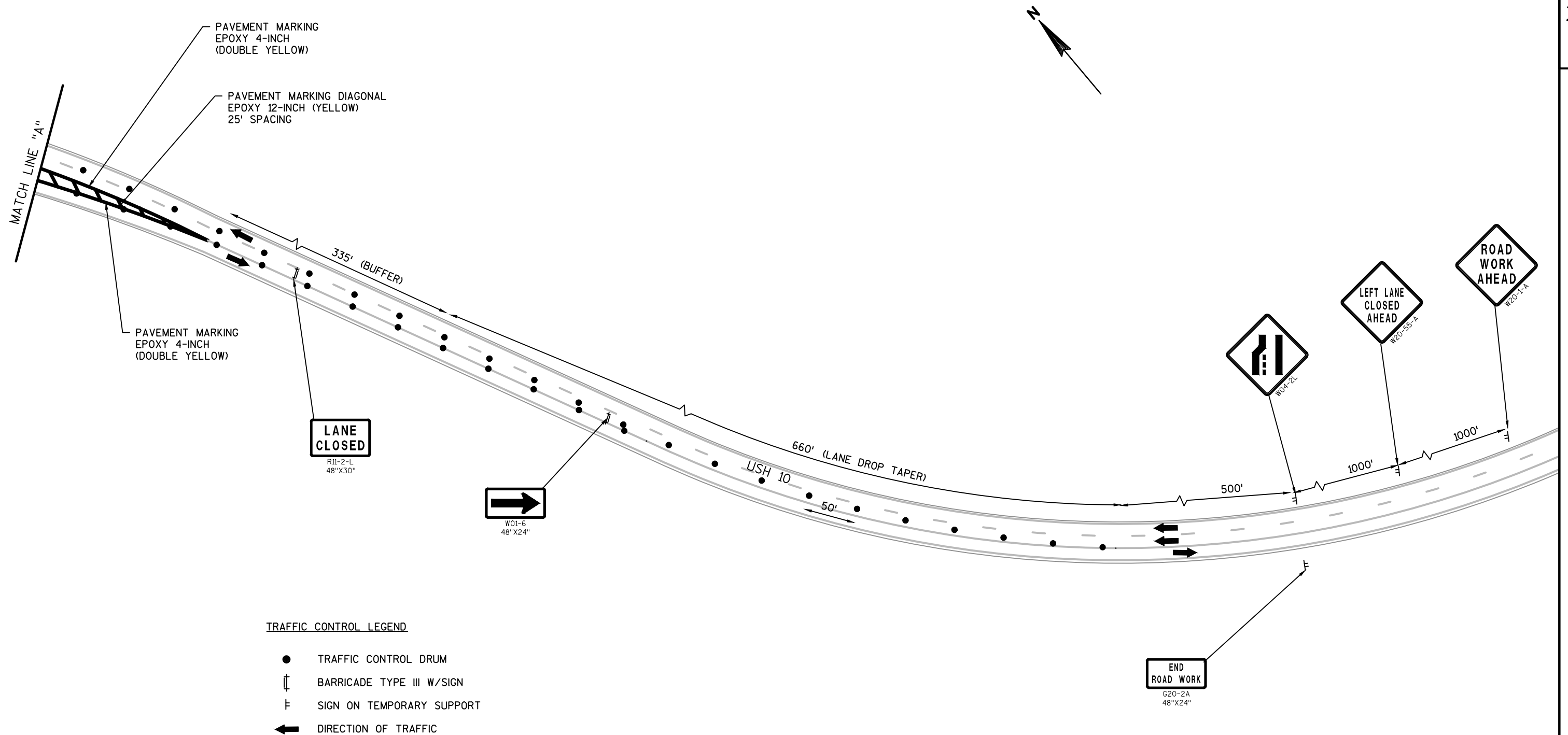
W05-1
48"X48"ROAD
WORK
AHEADW20-1-A
48"X48"

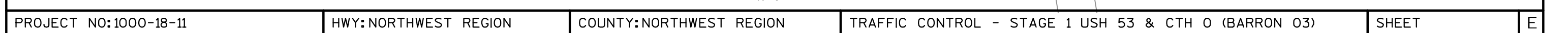
MATCH LINE "A"

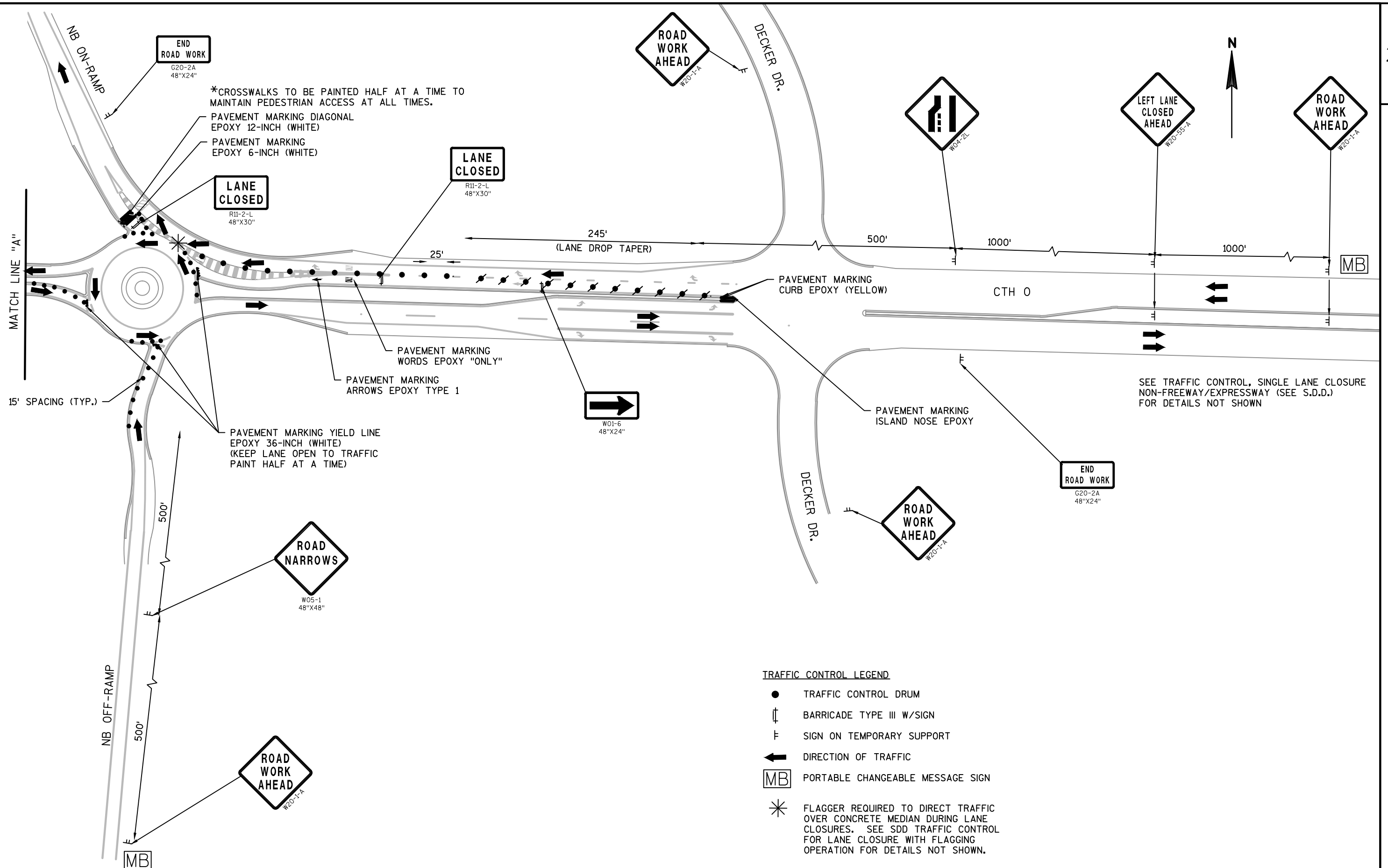


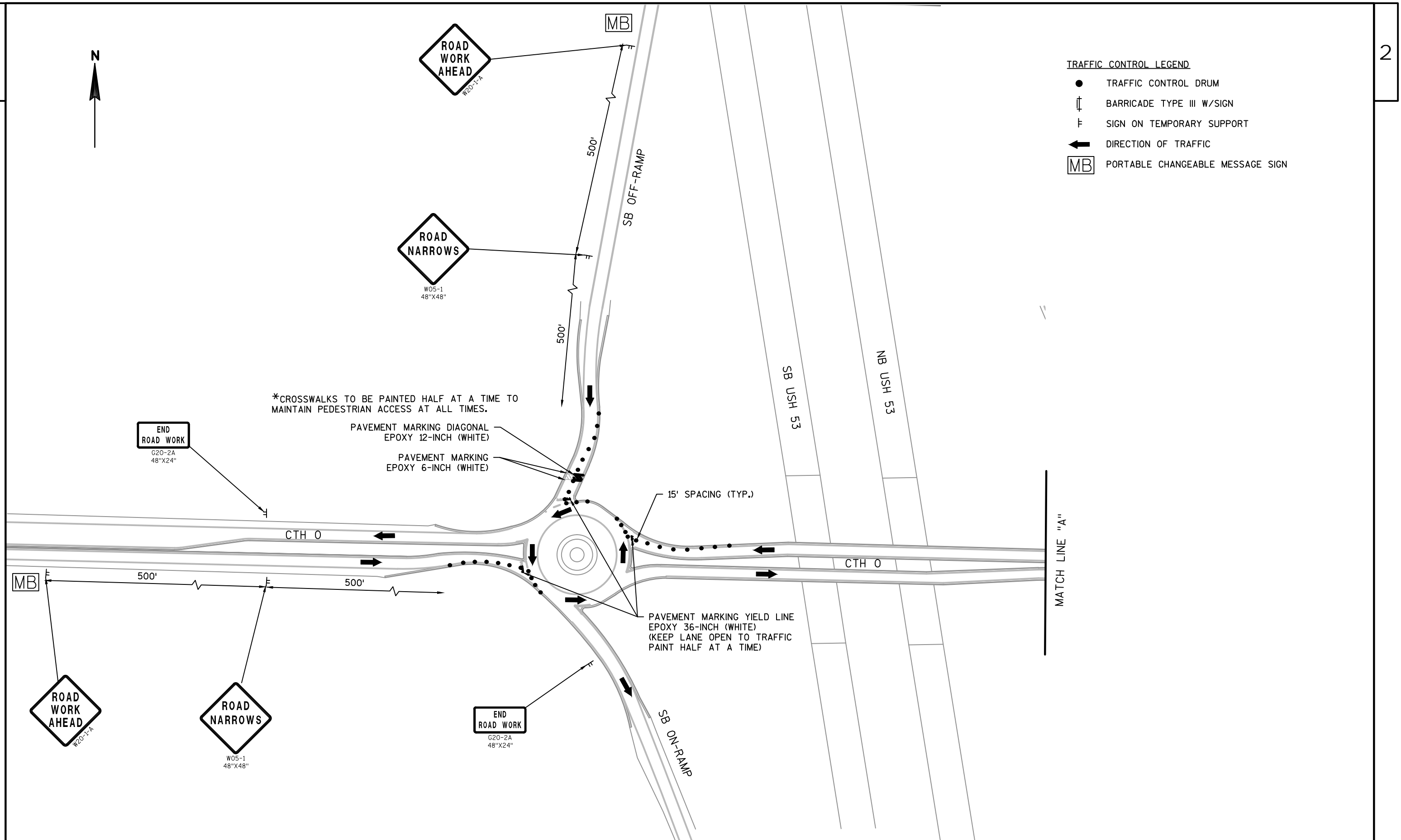
TRAFFIC CONTROL LEGEND

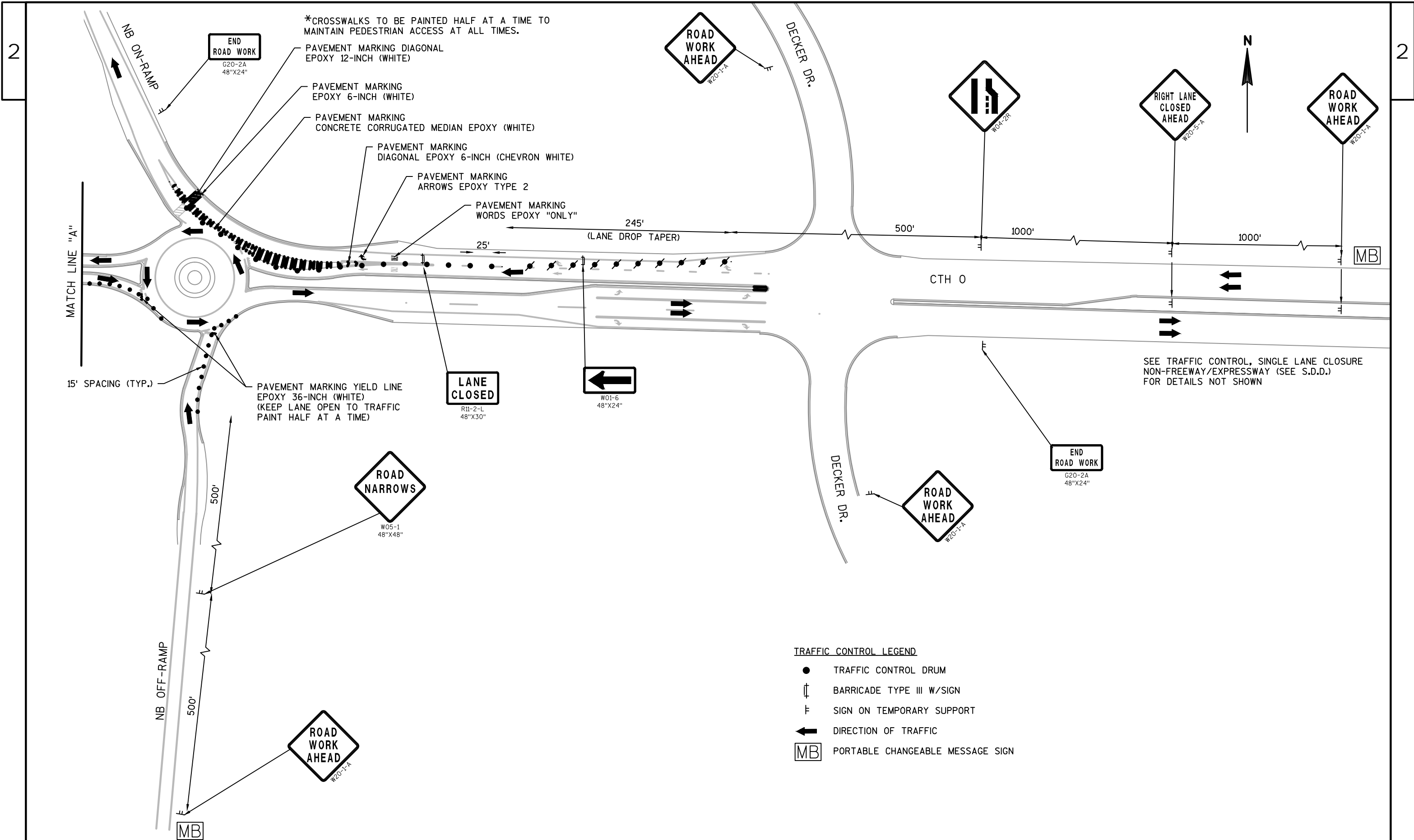
- TRAFFIC CONTROL DRUM
- ⌄ BARRICADE TYPE III W/SIGN
- ⌄ SIGN ON TEMPORARY SUPPORT
- ← DIRECTION OF TRAFFIC











Estimate Of Quantities

1000-18-11					
Line	Item	Item Description	Unit	Total	Qty
0010	619.1000	Mobilization	EACH	1.000	1.000
0020	643.0100	Traffic Control (project) 01. 1000-18-11	EACH	1.000	1.000
0030	643.0300	Traffic Control Drums	DAY	400.000	400.000
0040	643.0420	Traffic Control Barricades Type III	DAY	20.000	20.000
0050	643.0705	Traffic Control Warning Lights Type A	DAY	40.000	40.000
0060	643.0715	Traffic Control Warning Lights Type C	DAY	65.000	65.000
0070	643.0900	Traffic Control Signs	DAY	100.000	100.000
0080	643.1050	Traffic Control Signs PCMS	DAY	10.000	10.000
0090	646.0106	Pavement Marking Epoxy 4-Inch	LF	3,028,038.000	3,028,038.000
0100	646.0116	Pavement Marking Epoxy 6-Inch	LF	100.000	100.000
0110	646.0126	Pavement Marking Epoxy 8-Inch	LF	57,104.000	57,104.000
0120	646.0136	Pavement Marking Epoxy 12-Inch	LF	78.000	78.000
0130	646.0156	Pavement Marking Epoxy 18-Inch	LF	64.000	64.000
0140	646.0600	Removing Pavement Markings	LF	159,112.000	159,112.000
0150	647.0156	Pavement Marking Arrows Epoxy Type 1	EACH	2.000	2.000
0160	647.0160	Pavement Marking Arrows Epoxy Type 2R	EACH	3.000	3.000
0170	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	179.000	179.000
0180	647.0176	Pavement Marking Arrows Epoxy Type 3	EACH	8.000	8.000
0190	647.0356	Pavement Marking Words Epoxy	EACH	71.000	71.000
0200	647.0456	Pavement Marking Curb Epoxy	LF	1,747.000	1,747.000
0210	647.0526	Pavement Marking Yield Line Symbols Epoxy 18-Inch	EACH	91.000	91.000
0220	647.0546	Pavement Marking Yield Line Symbols Epoxy 36-Inch	EACH	28.000	28.000
0230	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	1,739.000	1,739.000
0240	647.0606	Pavement Marking Island Nose Epoxy	EACH	50.000	50.000
0250	647.0706	Pavement Marking Diagonal Epoxy 6-Inch	LF	69.000	69.000
0260	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	3,193.000	3,193.000
0270	647.0746	Pavement Marking Diagonal Epoxy 24-Inch	LF	934.000	934.000
0280	647.0803	Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	LF	480.000	480.000
0290	647.0856	Pavement Marking Concrete Corrugated Median Epoxy	SF	2,392.000	2,392.000

PAVEMENT MARKINGS (LONG LINE MARKINGS) "CONTINUED ONTO NEXT PAGE"						**643.1050						
MAP REF#	MILES	COUNTY	HWY	BEGIN	END	TRAFFIC	646.0106		646.0126		*646.0600	
						CONTROL	PAVEMENT MARKING		PAVEMENT MARKING		REMOVING	
						SIGNS	EPOXY	4-INCH	EPOXY 8-INCH		PAVEMENT	
						PCMS	YELLOW	WHITE	WHITE	YELLOW	MARKINGS	
						DAY	LF	LF	LF	LF	LF	
801	16.7	BARRON	USH 53 NB & SB	1220' NORTH OF CHIPPEWA / BARRON CO LINE INCL RAMPs: REST AREA / CHETEK EXIT 126 / USH 8 BARRON EXIT 135	1075' NORTH OF MILE POST 136	----	195,980	244,480	13,160	----	----	
802	12.2	BARRON	USH 53 NB & SB	1075' NORTH OF MILE POST 136 LANE LINES & EXIT / ENTRY GORES ARE TAPE / DO NOT PAINT INCL RAMPs:CTH O EXIT 140 / STH 48 EXIT 143	580' SOUTH OF 26TH AVE /ASPHALT	----	141,677	141,856	130	----	----	
803	4.0	BARRON	USH 8	WYE ST / BARRON	CTH O / EAST OF BARRON	----	43,420	27,510	2,758	----	----	
804	----	BARRON	USH 53	CTH O EXIT 140 / RICE LAKE	2 ROUNDABOUTS ON CTH O BETWEEN RAMPs	----	1,475	1,405	420	576	----	
805	5.0	WASHBURN	USH 53 NB & SB	MILE POST 169 / CTH A EAST LANE LINES / EXIT & ENTRY GORES / TURN LANES ARE TAPE / DO NOT PAINT INCL: MEDIAN + OVERS AT CTH E & USH 63	MILE POST 174 / 1425' SOUTH OF WHALEN RD	----	51,337	52,330	----	----	----	
806	14.4	POLK	STH 35	USH 8 / ST CROIX FALLS INCLD: RAMP ONTO WESTBOUND USH 8 / ST CROIX FALLS	800 FT SOUTH OF STH 48 EAST / LUCK	----	72,126	136,472	2,498	----	----	
807	7.6	POLK	STH 35	POLK / ST CROIX CO LINE	STH 243 / OSCEOLA	----	34,506	78,393	1,970	----	----	
808	9.9	SAWY/ASHLAND	STH 77	1900' NORTH OF SCHEERS RD / EAST OF HAYWARD	320' NORTH OF CTH M / CTH GG / CLAM LAKE	----	73,167	102,818	201	----	----	
808A	3.6	SAWYER	STH 27	USH 63 NORTH / STH 77 EAST / HAYWARD	STH 77 WEST	----	22,475	36,750	1,460	----	----	
809	18.0	SAWYER	STH 27	STH 70 WEST	STH 40 SOUTH / RADISSON	----	122,066	188,113	197	----	----	
810	1.1	SAWYER	USH 63	FLORIDA AVE / HAYWARD	PAR LANE / HAYWARD / END OF DVD HWY	----	10,245	3,780	955	----	14,980	
811	2.6	BAYFIELD	USH 63	STH 118 EAST	USH 2	----	7,589	27,398	190	----	----	
812	1.0	BAYFIELD	STH 13	BRESETTE HILL RD / RED CLIFF	NORTH END OF RED CLIFF / END OF CURB & GUTTER	----	9,555	----	160	----	9,715	
813	6.7	BAYFIELD	STH 13	OLD HWY K (1.6 MILES NORTH OF RED CLIFF)	370' SOUTH OF ECHO VALLEY RD	----	48,100	70,075	----	----	----	
814	3.9	DOUGLAS	USH 53 SB ONLY	110' SOUTH OF MILE POST 200 (2 MILES SOUTH OF SOLON SPRINGS)	150' NORTH OF MILE POST 196 (SOUTH OF SNOWBERRY RD)	----	19,895	25,200	1,326	----	----	
815	6.0	DOUGLAS	USH 53 SB ONLY	NORTH END OF BRIDGE DECK / 1270' NORTH OF HARROUN RD	2000' SOUTH OF MILE POST 202 / SOLON SPRING AIRPORT	----	31,009	39,561	2,635	----	----	
816	1.7	DOUGLAS	USH 53	USH 2 WEST / SUPERIOR	BLATNIK BRIDGE BRIDGE DECK/ WISCONSIN SIDE INCL: MEDIAN + OVER AT CATLIN AVE / SUPERIOR	----	19,520	22,715	3,080	----	----	
601	8.3	DUNN	STH 79	STH 170 / BOYCEVILLE	STH 64 / CONNORSVILLE	----	55,380	-----	----	----	----	
602	2.5	DUNN	USH 12	RED CEDAR ST / MENOMONIE	2000' EAST OF CTH B NORTH / ASPHALT	----	25,850	29,455	3,135	----	61,575	
603	7.8	CLARK	USH 10	1160' EAST OF BACHELORS AVE	STH 73 SOUTH / STH 95 WEST / NEILLSVILLE	----	49,886	78,340	1,510	----	----	
604	-----	CLARK	USH 10	CTH B EAST / BUSINESS USH 10	SEE PAINTED MEDIAN ISLAND MODIFICATION/ DRAWING	----	----	39	115	----	810	
605	6.7	CLARK	USH 12	USH 10 EAST JCT	CLARK / JACKSON CO LINE	----	48,805	70068	53	----	----	
606	7.5	CHIPPEWA	USH 53 NB & SB	40TH AVE OVERPASS / USH 53 SB OFF RAMP TO STH 29 WEST INCLD: 4 RAMPs AT CTH B / EXIT 102 / TILDEN BUS 29 & CTH S RAMPs PAINT ONLY MAINLINE SIDE OF 8" GORES	MAINTeANCE + OVER 633' NORTH OF MILE POST 103/ TILDEN	----	83360	95162	7490	----	----	
SUBTOTAL						0	1,167,423	1,471,920	43,443	576	87,080	
*ADDITIONAL QUANTITIES SHOWN IN "PAVEMENT MARKING SUMMARY (SPECIAL MARKINGS)"												
**ADDITIONAL QUANTITIES SHOWN IN "TRAFFIC CONTROL"												

PAVEMENT MARKINGS (LONG LINE MARKINGS)											
						**643.1050	646.0106		646.0126		*646.0600
						TRAFFIC	PAVEMENT		PAVEMENT		REMOVING
						CONTROL	MARKING		MARKING		PAVEMENT
						SIGNS	EPOXY 4-INCH		EPOXY 8-INCH		MARKINGS
MAP						PCMS	YELLOW	WHITE	WHITE	YELLOW	
REF#	MILES	COUNTY	HWY	BEGIN	END	DAY	LF	LF	LF	LF	LF
607	----	CHIPPEWA	USH 53	CTH M / EXIT 118 / NEW AUBURN	2 RAMPs / OFF & ON SB RAMPs	----	2066	3776	1690	----	----
608	1.8	PIERCE	USH 10	265' WEST OF USH 63 SOUTH / WEST OF ELLSWORTH	STH 65 NORTH / MAPLE ST. / ELLSWORTH	----	13,430	15,535	505	----	----
609	2.0	PIERCE	USH 63	STH 29 EAST	PIERCE / ST CROIX CO LINE	----	17,333	20,668	320	----	----
610	0.7	PIERCE	STH 29	CEMETARY RD / 830TH AVE / ROUNDABOUT / RIVER FALLS / NORTH END OF RA	STH 35 NORTH	----	4,320	5,860	1,040	----	----
611	3.7	PIERCE	STH 35	STH 29 EAST / RIVER FALLS INCLD: 4 RAMPs AT STH 65 / RIVER FALLS	1175' SOUTH OF CTH U / RADIO RD OFF RAMP LANE LINES / EXIT & ENTRY GORES / ARE TAPE DO NOT PAINT	----	49,976	42,601	1,205	----	----
612	1.8	ST CROIX	USH 12	I 94 EB ON / OFF RAMPs / EXIT 4	370' EAST OF CTH U / ASPHALT	----	17,423	20,902	5,740	----	38,325
613	3.9	ST CROIX	USH 63	PIERCE / ST CROIX CO LINE	520' SOUTH OF 47TH AVE / SOUTH OF I 94	----	26,552	48,898	750	----	----
614	1.0	TREMPEALEAU	USH 10	START OF DVD HWY /370' WEST OF ROSE LN / OSSEO (CONCRETE) INCLD: 4 RAMPs AT USH 10 / EXIT 88 / OSSEO PCMS ON I 94 MAINLINE	END OF DVD HWY / 1000' EAST OF INDUSTRIAL RD / ASPHALT EXIT & ENTRY GORES ARE TAPE / DO NOT REMOVE OR PAINT	2	11,725	17,820	1,835	----	33,215
615	4.3	PEPIN	STH 25	USH 10 / WEST OF DURAND	PEPIN / DUNN CO LINE	----	19,775	43,085	----	----	----
NPZ 1	19.2	CHIPPEWA TRAVELING NB	STH 178	CTH ZZ 4 TOUCHES - EXTENSIONS	STH 64 / CORNELL	----	1,800	----	----	----	----
NPZ 2	0.3	CHIPPEWA TRAVELING EB	STH 64	230TH ST 4 TOUCHES - EXTENSION	STH 178 / CORNELL	----	3,500	----	----	----	----
NPZ 3	5.5	CHIPPEWA TRAVELING NB	STH 40	CTH C 3 TOUCHES - EXTENSION	.86 MILES N OF CTH A	----	258	----	----	----	----
NPZ 4	8.2	EAU CLAIRE TRAVELING NB	STH 93	TREMPEALEAU / EAU CLAIRE COUNTY LINE 7 TOUCHES - EXTENSIONS	BEGIN DIV HWY / CEDAR RD	----	1,150	----	----	----	----
NPZ 5	1.4	BARRON TRAVELING EB	USH 8	CTH O 3 TOUCHES - EXTENSIONS	USH 53S	----	242	----	----	----	----
NPZ 6	POINT	BARRON TRAVELING EB	STH 25	3.14 MILES NORTH OF 15TH AVE 1 TOUCH - REMOVAL		----	----	----	----	----	64
SUBTOTALS						2	169,550	219,145	13,085	0	71,604
*ADDITIONAL QUANTITIES SHOWN IN "PAVEMENT MARKING SUMMARY (SPECIAL MARKINGS)"						0	1,167,423	1,471,920	43,443	576	87,080
**ADDITIONAL QUANTITIES SHOWN IN "TRAFFIC CONTROL"							1,336,973	1,691,065	56,528	576	
TOTALS						2	3,028,038		57,104		158,684

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

COUNTY	CHIPPEWA								
MAP REFERENCE	CHIPPEWA 62A								
MAP REFERENCE HWY	178								
MAP REFERENCE SITE ID	CTH S - CHIPPEWA FALLS - ROUNDABOUT								
					STH 178	STH 178	CTH S	CTH S	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	ROUNDABOUT APPROACH LANE	EACH	3				3
647.0160	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2R	SM-RA-ARROW-2R	ROUNDABOUT APPROACH LANE	EACH	3				3
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	MEDIAN ISLAND	L.F.	25				25
646.0156	PAVEMENT MARKING, EPOXY, 18-INCH	SM-RA-DOTTED EL-W	ROUNDABOUT APPROACH LANE	L.F.	14			16	30
MAP REFERENCE	CHIPPEWA 62B								
MAP REFERENCE HWY	178								
MAP REFERENCE SITE ID	CTH S - CHIPPEWA FALLS - ROUNDABOUT								
					STH 178	STH 178	CTH S	CTH S	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	EACH		1			1
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.		26			26
646.0156	PAVEMENT MARKING, EPOXY, 18-INCH	SM-RA-DOTTED EL-W	ROUNDABOUT APPROACH LANE	L.F.		18	16		34
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	MEDIAN ISLAND	L.F.		16			16
MAP REFERENCE	CHIPPEWA 14A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH B - TILDEN - EXIT 102								
					USH 53	USH 53	CTH B	CTH B	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	43				43
MAP REFERENCE	CHIPPEWA 14B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH B - TILDEN - EXIT 102								
					USH 53	USH 53	CTH B	CTH B	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.		40			40
COUNTY	BARRON								
MAP REFERENCE	BARRON 03								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH O EXIT 140 - RICE LAKE - ROUNDABOUTS ON CTH O								
					USH 53	USH 53	CTH O	CTH O	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0156	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 1	SM-ARROW-1	THROUGH LANE	EACH				1	1
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH				1	1
647.0706	PAVEMENT MARKING DIAGONAL EPOXY, 6-INCH	SM-CHEVRON-W	RIGHT TURN ISLAND	L.F.				8	8
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, EPOXY	SM-CORRUGATED MEDIAN	ROUNDABOUT	S.F.				796	796
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-CROSSWALK-DIAGONALS	OFF RAMP	L.F.		37			37
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-CROSSWALK-DIAGONALS	ON RAMP	L.F.	66				66
646.0116	PAVEMENT MARKING, EPOXY, 6-INCH	SM-CROSSWALK-OUTLINE	OFF RAMP	L.F.		38			38
646.0116	PAVEMENT MARKING, EPOXY, 6-INCH	SM-CROSSWALK-OUTLINE	ON RAMP	L.F.	62				62
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	RIGHT TURN LANE	EACH				1	1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	THROUGH LANE	EACH				1	1
646.0136	PAVEMENT MARKING, EPOXY, 12-INCH	SM-RA-DOTTED EL-W	ROUNDABOUT APPROACH LANE	L.F.	15	15	33	15	78
647.0546	PAVEMENT MARKING, YIELD LINE, EPOXY, 36-INCH	SM-YIELD LINE	ROUNDABOUT	EACH	5	5	10	8	28

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PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
MAP REFERENCE	BARRON 12A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	53NB BETWEEN MILE POST 129 &130 - NORTH OF CHETEK EXIT 126								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY,-24-INCH	SM-AERIAL BARS	SHOULDER	L.F.	NB	SB	EB	WB	QUANTITY
					60				60
MAP REFERENCE	BARRON 12B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	53SB BETWEEN MILE POST 131 & 32 - NORTH OF CHETEK EXIT 126								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.	NB	SB	EB	WB	QUANTITY
						60			60
MAP REFERENCE	BARRON 14A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH I - CHETEK - EXIT 126								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	CTH I	CTH I	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	NB	SB	EB	WB	QUANTITY
					42				42
MAP REFERENCE	BARRON 14B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH I - CHETEK - EXIT 126								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	CTH I	CTH I	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	NB	SB	EB	WB	QUANTITY
						42			42
MAP REFERENCE	BARRON 16A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	53NB BETWEEN MILE POST 145 & 146 -1.6 MILES NORTH OF STH 48 EXIT 143 RICE LAKE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.	NB	SB	EB	WB	QUANTITY
					60				60
MAP REFERENCE	BARRON 16B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	53SB BETWEEN MILE POST 147 & 148 - .7 MILE SOUTH OF 26TH AVE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.	NB	SB	EB	WB	QUANTITY
						60			60
MAP REFERENCE	BARRON 17A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	STH 48 - RICE LAKE - EXIT 143								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	STH 48	STH 48	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	NB	SB	EB	WB	QUANTITY
							19	16	35
MAP REFERENCE	BARRON 17B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	STH 48 - RICE LAKE - EXIT 143								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	STH 48	STH 48	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	NB	SB	EB	WB	QUANTITY
							32		32

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PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
MAP REFERENCE	BARRON 22								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	WYE ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	WYE ST SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			140		140
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			22		22
MAP REFERENCE	BARRON 24A								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	STH 25 SB - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 25 NB	SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH				1	1
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH				1	1
647.0526	PAVEMENT MARKING, YIELD LINE, EPOXY, 18-INCH	SM-YIELD LINE	MAINLINE	EACH			7	7	14
MAP REFERENCE	BARRON 25								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	1ST ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	1ST ST NB	1ST ST SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			2		2
MAP REFERENCE	BARRON 26								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	2ND ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	2ND ST NB	2ND ST SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			2		2
MAP REFERENCE	BARRON 27								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	3RD ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	3RD ST NB	3RD ST SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			2		2
647.0526	PAVEMENT MARKING, YIELD LINE, EPOXY, 18-INCH	SM-YIELD LINE	MAINLINE	EACH			7	7	14
MAP REFERENCE	BARRON 28								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	4TH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	4TH ST NB	4TH ST SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			2		2
MAP REFERENCE	BARRON 30A								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	STH 25 NB - SIXTH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	SIXTH ST NB	STH 25 SB	USH 8 EB	USH 8 WB	TOTAL QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH			3	4	7
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			33	36	69
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH			2	2	4
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			16		16
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			2	2	4

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PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
MAP REFERENCE	BARRON 31								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	7TH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	7TH ST	7TH ST	USH 8	USH 8	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0526	PAVEMENT MARKING, YIELD LINE, EPOXY, 18-INCH	SM-YIELD LINE	MAINLINE	EACH			7	7	14
MAP REFERENCE	BARRON 33								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	10TH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	10TH ST		USH 8	USH 8	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	RIGHT TURN LANE	EACH				2	2
								1	1
MAP REFERENCE	BARRON 35								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	LA SALLE ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	LA SALLE ST		USH 8	USH 8	TOTAL
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH				1	1
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.				37	37
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			12		12
MAP REFERENCE	BARRON 36								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	18TH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	18TH ST	18TH ST	USH 8	USH 8	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH			2	1	3
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH			2	1	3
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			16		16
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH			53	51	104
							3	2	5
MAP REFERENCE	BARRON 37								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	13 1/2 AVE - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT		13 1/2 AVE	USH 8	USH 8	TOTAL
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			45		45
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH			2		2
							1		1
MAP REFERENCE	BARRON 38								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	CTH W - EAST OF BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT		CTH W	USH 8	USH 8	TOTAL
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH			458	235	693
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			1		1
							1		1
MAP REFERENCE	BARRON 30AA								
MAP REFERENCE HWY	8								
MAP REFERENCE SITE ID	STH 25 NB - SIXTH ST - BARRON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 25	SIXTH ST	USH 8	USH 8	TOTAL
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				17	17
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				10	10
								2	2

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
COUNTY	DOUGLAS								
MAP REFERENCE	DOUGLAS 38								
MAP REFERENCE HWY	2								
MAP REFERENCE SITE ID	CTH C - SOUTH OF SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	CTH C SB	USH 2 EB	USH 2 WB	TOTAL QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-STOP	MEDIAN CROSSOVER	EACH			1	1	2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MEDIAN CROSSOVER	L.F.			12	12	24
MAP REFERENCE	DOUGLAS 30A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	USH 53 NB - SUPERIOR TO I-535 NB - DULUTH								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB			TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	10				10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	1				1
MAP REFERENCE	DOUGLAS 30AA								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	USH 53 NB TO STH 35 SB - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB			TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	LEFT TURN LANE	EACH	2				2
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	16				16
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	22				22
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	10				10
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	GORE	L.F.	168				168
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	MEDIAN ISLAND	L.F.	125				125
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	SHOULDER	L.F.	34				34
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	1				1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH	1				1
MAP REFERENCE	DOUGLAS 32A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	2ND AVE - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB	2ND AVE EB	2ND AVE WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	13				13
MAP REFERENCE	DOUGLAS 33A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	E STREET - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB	E STREET EB	E STREET WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	20				20
MAP REFERENCE	DOUGLAS 34A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	N 5TH ST - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB		N 5TH STREET WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	58				58
MAP REFERENCE	DOUGLAS 35A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CATLIN AVE - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB	CATLIN AVE EB		TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	86				86
646.0600	REMOVING PAVEMENT MARKINGS	SM-STOPBAR-18-INCH	MEDIAN CROSSOVER	L.F.			21	26	188

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	DOUGLAS 36A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CLOUGH AVE - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	CLOUGH AVE	CLOUGH AVE	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	35				35
					1				1
MAP REFERENCE	DOUGLAS 37A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	GRAND AVE - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	GRAND AVE	GRAND AVE	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	TWLTL - TWO WAY LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	2				2
					53				53
MAP REFERENCE	DOUGLAS 30B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	I-535 SB TO USH 53 SB - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		31			31
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	MAINLINE	EACH		32			32
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	2				2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-WHITE	MEDIAN ISLAND	L.F.		90			90
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	L.F.		84			84
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	MAINLINE	EACH		1			1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	EACH		1			1
				L.F.		62			62
MAP REFERENCE	DOUGLAS 30BB								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	OFF RAMP TO STH 35 SB - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53			TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	OFF RAMP	EACH	NB	SB	EB	WB	QUANTITY
647.0176	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 3	SM-ARROW-3-R	OFF RAMP	EACH		2			2
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	OFF RAMP	EACH		2			2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	EACH		1			1
				L.F.		26			26
MAP REFERENCE	DOUGLAS 31C								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	BELKNAP ST - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	USH 2	USH 2	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			1		1
							36		36
MAP REFERENCE	DOUGLAS 32B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	2ND AVE - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	2ND AVE	2ND AVE	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
						18			18
MAP REFERENCE	DOUGLAS 33B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	E STREET - SUPERIOR								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	E STREET	E STREET	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
						18			18

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	DOUGLAS 34B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	N 5TH ST - SUPERIOR								
					USH 53	USH 53		N 5TH STREET	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH		1			1
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		31			31
MAP REFERENCE	DOUGLAS 35B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CATLIN AVE - SUPERIOR								
					USH 53	USH 53	CATLIN AVE	CATLIN AVE	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		83			83
MAP REFERENCE	DOUGLAS 36B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CLOUGH AVE - SUPERIOR								
					USH 53	USH 53	CLOUGH AVE	CLOUGH AVE	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		49			49
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH		1			1
MAP REFERENCE	DOUGLAS 37B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	GRAND AVE - SUPERIOR								
					USH 53	USH 53	GRAND AVE	GRAND AVE	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		38			38
MAP REFERENCE	DOUGLAS 1000								
MAP REFERENCE HWY	2								
MAP REFERENCE SITE ID	STATE PATROL WEIGH SCALE FACILITY- SOUTH OF SUPERIOR								
					USH 2	USH 2			TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.				60	60
	NEW INSTALLATION								
	JUST SOUTH OF STH 13 WILL START BY THE STATE PATROL WEIGH								
	SCALE FACILITY ON USH 2								
	CONTACT: SGT BRETT HEINO								
	715-635-2141 EXT 7004 / CELL 715-645-0704								
MAP REFERENCE	DOUGLAS 1001								
MAP REFERENCE HWY	2								
MAP REFERENCE SITE ID	1/2 MILE SOUTH OF SUPERIOR REST AREA - SOUTH OF SUPERIOR								
					USH 2	USH 2			TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.			60		60
	NEW INSTALLATION								
	CONTACT: SGT BRETT HEINO								
	715-635-2141 EXT 7004 / CELL 715-645-0704								
MAP REFERENCE	DOUGLAS 1002								
MAP REFERENCE HWY	535								
MAP REFERENCE SITE ID	SOUTHBOUND I 535 ON BLATNIK BRIDGE - SUPERIOR								
					I 535	I 535			TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.			60		60
	MARKINGS WILL BE INSTALLED ON THE BLATNIK BRIDGE DECK								
	NEW INSTALLATION								
	CONTACT: SGT BRETT HEINO								
	715-635-2141 EXT 7004 / CELL 715-645-0704								

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

COUNTY	SAWYER								
MAP REFERENCE	SAWYER 11A								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	STH 27 SOUTH JCT - HAYWARD				USH 63	USH 63	DAKOTA AVE	STH 27 SOUTH	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	56				56
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	1	1			2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	34	36			70
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH		1			1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH		1			1
MAP REFERENCE	SAWYER 12A								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	STH 27 - STH 77 NORTH JCT - HAYWARD				USH 63	USH 63	STH 27	STH 77	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, EPOXY	SM-CORRUGATED MEDIAN	MEDIAN ISLAND	S.F.	502				502
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH	3				3
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	2				2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	52				52
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	1				1
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	49				49
MAP REFERENCE	SAWYER 12B								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	STH 27 - STH 77 NORTH JCT - HAYWARD				USH 63	USH 63	STH 27 NORTH	STH 77	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		1			1
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH		1			1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH		2			2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.		52			52
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, EPOXY	SM-CORRUGATED MEDIAN	MEDIAN ISLAND	S.F.		704			704
MAP REFERENCE	SAWYER 12C								
MAP REFERENCE HWY	27								
MAP REFERENCE SITE ID	USH 63 - STH 77 NORTH JCT - HAYWARD				STH 27	STH 27	USH 63 NORTH	STH 77	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		3			3
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	1	1			2
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	2	2			4
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.		50			50
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH		4			4
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, EPOXY	SM-CORRUGATED MEDAIN	MEDIAN ISLAND	S.F.		130			130
MAP REFERENCE	SAWYER 13								
MAP REFERENCE HWY	27								
MAP REFERENCE SITE ID	NYMAN AVE - HAYWARD				STH 27	STH 27			TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		2			2
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	RIGHT TURN LANE	EACH		2			2
MAP REFERENCE	SAWYER 14								
MAP REFERENCE HWY	27								
MAP REFERENCE SITE ID	STH 77 WEST - WEST OF HAYWARD				STH 77	STH 27	STH 27		TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.		17			17

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
MAP REFERENCE	SAWYER 19								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	MAIN ST - HAYWARD								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63	USH 63	MAIN ST	MAIN ST	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH	1				1
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	1	1			2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.		46			46
MAP REFERENCE	SAWYER 20								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	KANSAS AVE - HAYWARD								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63	USH 63	KANSAS AVE	KANSAS AVE	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	NB	SB	EB	WB	QUANTITY
					24	24			48
COUNTY	CLARK								
MAP REFERENCE	CLARK 04A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	STH 73 - NEILLSVILLE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 73	GRAND AVE	USH 10	USH 10	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	RIGHT TURN LANE	EACH			2		2
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			1		1
							32		32
MAP REFERENCE	CLARK 05								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	CTH B - BUSINESS 10 - NEILLSVILLE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	CTH B		USH 10	USH 10	TOTAL
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	NB	SB	EB	WB	QUANTITY
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			3		3
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH				574	574
646.0600	REMOVING PAVEMENT MARKINGS FOR REMOVAL OF PAVEMENT MARKINGS SEE DRAWING FOR LONG LINE MAP REF# 604	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			1		1
							80		240
COUNTY	CLARK								
MAP REFERENCE	CLARK 06								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	USH 10 - EAST JCT - EAST OF FAIRCHILD								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 12		USH 12	USH 12	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	NB	SB	EB	WB	QUANTITY
								37	37
COUNTY	PIERCE								
MAP REFERENCE	PIERCE 04A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	USH 63S - WEST OF ELLSWORTH								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63		USH 10	USH 10	TOTAL
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			1	2	3
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			58	169	227
							141	48	189
MAP REFERENCE	PIERCE 04B								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	USH 10 - WEST OF ELLSWORTH								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63		USH 10	USH 10	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	NB	SB	EB	WB	QUANTITY
					40				40

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	PIERCE 10A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	STH 65 - S MAPLE ST - ELLSWORTH								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 65	S MAPLE ST	USH 10	USH 10	TOTAL QUANTITY
647.0156	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 1	SM-ARROW-1	MAINLINE	EACH	NB	SB	EB	WB	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			22	24	46
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			2	2	4
647.0176	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 3	SM-ARROW-3-R	RIGHT TURN LANE	EACH			2	1	3
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH				1	1

MAP REFERENCE	PIERCE 10B								
MAP REFERENCE HWY	65								
MAP REFERENCE SITE ID	USH 10 - S MAPLE ST - ELLSWORTH								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 65	STH 65	USH 10	USH 10	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	NB	SB	EB	WB	2
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	RIGHT TURN LANE	EACH		1			1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.		33			33
647.0176	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 3	SM-ARROW-3-L	MAINLINE	EACH		2			2

COUNTY	BAYFIELD								
MAP REFERENCE	BAYFIELD 04								
MAP REFERENCE HWY	2								
MAP REFERENCE SITE ID	CTH A NORTH, CTH H SOUTH - IRON RIVER								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	CTH H	CTH A	USH 2	USH 2	TOTAL QUANTITY
647.0706	PAVEMENT MARKING, DIAGONAL, EPOXY, 6-INCH	SM-DIAGONAL-WHITE	SHOULDER	L.F.	NB	SB	EB	WB	61
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH			1	1	2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH			1	1	2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.			65	214	279
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH			1		1

MAP REFERENCE	BAYFIELD 10								
MAP REFERENCE HWY	13								
MAP REFERENCE SITE ID	BLUEBERRY RD - RED CLIFF								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 13	STH 13	BLUEBERRY RD	BLUEBERRY RD	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	NB	SB	EB	WB	2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	17	13			30

MAP REFERENCE	BAYFIELD 32								
MAP REFERENCE HWY	63								
MAP REFERENCE SITE ID	USH 2 WEST OF ASHLAND								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63		USH 2	USH 2	TOTAL QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	NB	SB	EB	WB	57

COUNTY	POLK								
MAP REFERENCE	POLK 12								
MAP REFERENCE HWY	35								
MAP REFERENCE SITE ID	USH 8 WB ON RAMP								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT		STH 35	USH 8	USH 8	TOTAL QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.	NB	SB	EB	WB	33

MAP REFERENCE	POLK 30								
MAP REFERENCE HWY	35								
MAP REFERENCE SITE ID	63RD AVE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 35	STH 35	63RD AVE	63RD AVE	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	NB	SB	EB	WB	4
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		2			2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.	98	249			347
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH	2	2			4

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"									
MAP REFERENCE	POLK 31								
MAP REFERENCE HWY	35								
MAP REFERENCE SITE ID	OSCEOLA MEDICAL CENTER ENTRANCE								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	STH 35 NB	STH 35 SB	EB	HOSPITAL ENTRANCE WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	2				2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		2			2
647.0726	PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH	SM-DIAGONAL-YELLOW	MEDIAN ISLAND	L.F.		39			39
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT TURN LANE	EACH	2				2
MAP REFERENCE	POLK 89								
MAP REFERENCE HWY	48								
MAP REFERENCE SITE ID	STH 35 SB								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 63 NB	SECOND SB	STH 48 EB	USH 63 WB	TOTAL QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				20	20
COUNTY	ST. CROIX								
MAP REFERENCE	ST CROIX 1000								
MAP REFERENCE HWY	64								
MAP REFERENCE SITE ID	WEST OF CTH V								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	STH 64 EB	STH 64 WB	TOTAL QUANTITY
647.0803	PAVEMENT MARKING, AERIAL ENFORCEMENT BARS, EPOXY, 24-INCH	SM-AERIAL BARS	SHOULDER	L.F.				60	60
	NEW INSTALLATION ON NEW 4 LANE SECTION OF STH 64 BY HOULTON CONTACT: SGT BRAIN ERICKSON 715-577-7139								
MAP REFERENCE	ST CROIX 09A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	CTH UU - EAST OF HUDSON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	BADLANDS RD NB	CTH UU SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			55		55
MAP REFERENCE	ST CROIX 09B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	CTH UU - EAST OF HUDSON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	BADLANDS RD NB	CTH UU SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				56	56
MAP REFERENCE	ST CROIX 10A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	CTH U - EAST OF HUDSON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	CTH U SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			38		38
MAP REFERENCE	ST CROIX 10B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	CTH U - EAST OF HUDSON								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	CTH U SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	MAINLINE	EACH				1	1
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	MAINLINE	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				45	45

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	ST CROIX 47A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	IH 94WB ON RAMP - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	IH 94 NB	IH 94 SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			104		104
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1

MAP REFERENCE	ST CROIX 47B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	IH 94WB OFF RAMP - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	IH 94 NB	IH 94 SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				34	34
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

MAP REFERENCE	ST CROIX 70A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	RYAN DR - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	RYAN DR NB	LENERTZ RD SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1

MAP REFERENCE	ST CROIX 70B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	LENERTZ RD - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	RYAN DR NB	LENERTZ RD SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

MAP REFERENCE	ST CROIX 71A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	ALDRO RD - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	ALDRO RD SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			39		39
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1

MAP REFERENCE	ST CROIX 71B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	ALDRO RD - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	ALDRO RD SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

MAP REFERENCE	ST CROIX 72A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	DEAD END DRIVEWAY - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	DEAD END RD SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1

MAP REFERENCE	ST CROIX 72B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	CLASSIC DR - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	CLASSIC DR SB	USH 12 EB	USH 12 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	ST CROIX 74A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	BRAKKE DR - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	BRAKKE DR	USH 12	USH 12	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			46		46
MAP REFERENCE	ST CROIX 74B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	BRAKKE DR - NORTH OF IH 94 - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	BRAKKE DR	USH 12	USH 12	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.		SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				36	36
MAP REFERENCE	ST CROIX 80A								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	IH 94EB ON RAMP - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	IH 94	IH 94	USH 12	USH 12	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			40		40
							1		1
MAP REFERENCE	ST CROIX 80B								
MAP REFERENCE HWY	12								
MAP REFERENCE SITE ID	IH 94EB OFF RAMP - EXIT 4								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	IH 94	IH 94	USH 12	USH 12	TOTAL
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	NB	SB	EB	WB	QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				69	69
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				1	1
								37	37
COUNTY	TREMPEALEAU								
MAP REFERENCE	TREMPEALEAU 02A								
MAP REFERENCE HWY	94								
MAP REFERENCE SITE ID	USH 10 OSSEO EXIT 88								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 10	USH 10	IH 94	IH 94	TOTAL
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.	NB	SB	EB	WB	QUANTITY
							61		61
MAP REFERENCE	TREMPEALEAU 02B								
MAP REFERENCE HWY	94								
MAP REFERENCE SITE ID	USH 10 OSSEO EXIT 88								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 10	USH 10	IH 94	IH 94	TOTAL
647.0176	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 3	SM-ARROW-3-L	OFF RAMP	EACH	NB	SB	EB	WB	QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	OFF RAMP	L.F.				1	1
								55	55
MAP REFERENCE	TREMPEALEAU 26A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	ROSE LA - OSSEO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	ROSE LA		USH 10	USH 10	TOTAL
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN EPOXY	SM-CORRUGATED MEDIAN	MEDIAN ISLAND	S.F.	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			130		130
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			10		10
							1		1

3

PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	TREMPEALEAU 26B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	ROSE LA - OSSEO								
					ROSE LA		USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

MAP REFERENCE	TREMPEALEAU 27A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	RADCLIFF ST - OSSEO								
					RADCLIFF ST	RADCLIFF ST	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1

MAP REFERENCE	TREMPEALEAU 27B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	RADCLIFF ST - OSSEO								
					RADCLIFF ST	RADCLIFF ST	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1

MAP REFERENCE	TREMPEALEAU 28A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	EB 94 ON RAMP - OSSEO								
					94 EB OFF RAMP	94 EB OFF RAMP	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.	63				63
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			34		34

MAP REFERENCE	TREMPEALEAU 28B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	94EB OFF RAMP - OSSEO								
						94 EB OFF RAMP	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				47	47
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MEDIAN ISLAND	L.F.				40	40

MAP REFERENCE	TREMPEALEAU 29A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	94 WB OFF RAMP - OSSEO								
					94 WB OFF RAMP	94 WB ON RAMP	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			39		39
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			42		42

MAP REFERENCE	TREMPEALEAU 29B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	94 WB ON RAMP - OSSEO								
					94 WB OFF RAMP	94 WB ON RAMP	USH 10	USH 10	TOTAL
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	SB	EB	WB	QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				62	62
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				35	35

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PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE	TREMPEALEAU 30A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	HILLTOP RD - OSSEO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	HILLTOP RD NB	TRU - GAS RD SB	USH 10 EB	USH 10 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			41		41
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.			41		41
MAP REFERENCE	TREMPEALEAU 30B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	TRU-GAS RD - OSSEO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	HILLTOP RD NB	TRU - GAS RD SB	USH 10 EB	USH 10 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				20	20
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.				43	43
MAP REFERENCE	TREMPEALEAU 31A								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	INDUSTRIAL RD - OSSEO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	INDUSTRIL RD SB	USH 10 EB	USH 10 WB	TOTAL QUANTITY
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.			10		10
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH			1		1
MAP REFERENCE	TREMPEALEAU 31B								
MAP REFERENCE HWY	10								
MAP REFERENCE SITE ID	INDUSTRIAL RD - OSSEO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	NB	INDUSTRIL RD SB	USH 10 EB	USH 10 WB	TOTAL QUANTITY
647.0606	PAVEMENT MARKING, ISLAND NOSE, EPOXY	SM-ISLAND NOSE-YELLOW	MEDIAN ISLAND	EACH				1	1
647.0856	PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, EPOXY	SM-CORRUGATED MEDIAN	MEDIAN ISLAND	S.F.				130	130
647.0456	PAVEMENT MARKING, CURB, EPOXY	SM-CURB-YELLOW	MEDIAN ISLAND	L.F.				10	10
COUNTY	WASHBURN								
MAP REFERENCE	WASHBURN 08A								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH E - TREGO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB	CTH E EB	OAK HILL RD WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	2				2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	2				2
647.0746	PAVEMENT MARKING, DIAGONAL, EPOXY, 24-INCH	SM-CHEVRON-W	RIGHT TURN ISLAND	L.F.	334				334
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH	4				4
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-YIELD	MEDIAN CROSSOVER	EACH			1	1	2
647.0526	PAVEMENT MARKING, YIELD LINE, EPOXY, 18-INCH	SM-YIELD LINE	MEDIAN CROSSOVER	EACH			13	12	25
MAP REFERENCE	WASHBURN 08B								
MAP REFERENCE HWY	53								
MAP REFERENCE SITE ID	CTH E - TREGO								
BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53 NB	USH 53 SB	CTH E EB	OAK HILL RD WB	TOTAL QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH		2			2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		2			2
647.0746	PAVEMENT MARKING, DIAGONAL, EPOXY, 24-INCH	SM-CHEVRON-W	GORE AT EXIT	L.F.		300			300
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH		4			4

3

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PAVEMENT MARKING (SPECIAL MARKINGS) "CONTINUED ONTO NEXT PAGE"

MAP REFERENCE WASHBURN 09A
MAP REFERENCE HWY 53
MAP REFERENCE SITE ID USH 63 - TREGO

BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	USH 63	USH 63	TOTAL
					NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH	2				2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH	2				2
647.0746	PAVEMENT MARKING, DIAGONAL, EPOXY, 24-INCH	SM-CHEVRON-W	RIGHT TURN ISLAND	L.F.	300				300
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH	4				4
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-YIELD	MEDIAN CROSSOVER	EACH			1	1	2
647.0526	PAVEMENT MARKING, YIELD LINE, EPOXY, 18-INCH	SM-YIELD LINE	MEDIAN CROSSOVER	EACH			10	14	24

MAP REFERENCE WASHBURN 09B
MAP REFERENCE HWY 53
MAP REFERENCE SITE ID USH 63 - TREGO

BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53	USH 63	USH 63	TOTAL
					NB	SB	EB	WB	QUANTITY
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-L	LEFT TURN LANE	EACH		2			2
647.0166	PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2	SM-ARROW-2-R	RIGHT TURN LANE	EACH		2			2
647.0356	PAVEMENT MARKING, WORDS, EPOXY	SM-ONLY	LEFT AND RIGHT TURN LANES	EACH		4			4

MAP REFERENCE WASHBURN 09C
MAP REFERENCE HWY 63
MAP REFERENCE SITE ID USH 53 - TREGO

BID ITEM #	DESCRIPTION	SMCODE	MARKING LOCATION	UNIT	USH 53	USH 53		USH 63 S	TOTAL
					NB	SB	EB	WB	QUANTITY
647.0566	PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH	SM-STOPBAR-18-INCH	MAINLINE	L.F.		37			37

PAVEMENT MARKING SUMMARY (SPECIAL MARKINGS)

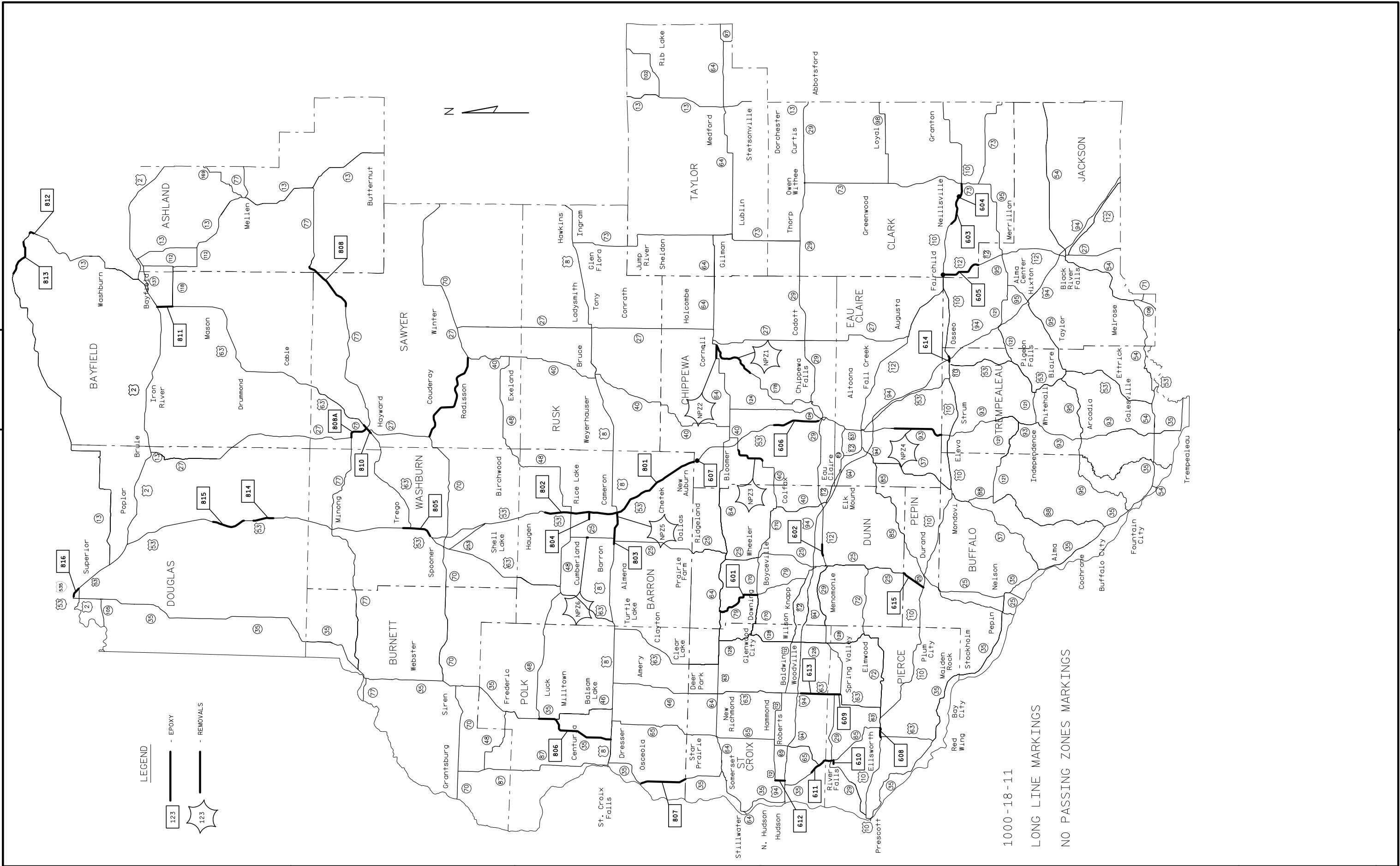
CATEGORY	ITEM NUMBER	BID ITEM DESCRIPTION	TOTALS	UNIT
0010	646.0116	Pavement Marking Epoxy 6-Inch	100	LF
	646.0136	Pavement Marking Epoxy 12-Inch	78	LF
	646.0156	Pavement Marking Epoxy 18-Inch	64	LF
	*646.0600	Removing Pavement Markings	428	LF
	647.0156	Pavement Marking Arrows Epoxy Type 1	2	EACH
	647.0160	Pavement Marking Arrows Epoxy Type 2R	3	EACH
	647.0166	Pavement Marking Arrows Epoxy Type 2	179	EACH
	647.0176	Pavement Marking Arrows Epoxy Type 3	8	EACH
	647.0356	Pavement Marking Words Epoxy	71	EACH
	647.0456	Pavement Marking Curb Epoxy	1,747	LF
	647.0526	Pavement Marking Yield Line Symbols Epoxy 18-Inch	91	EACH
	647.0546	Pavement Marking Yield Line Symbols Epoxy 36-Inch	28	EACH
	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	1,739	LF
	647.0606	Pavement Marking Island Nose Epoxy	50	EACH
	647.0706	Pavement Marking Diagonal Epoxy 6-Inch	69	LF
	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	3,193	LF
	647.0746	Pavement Marking Diagonal Epoxy, 24-Inch	934	LF
	647.0803	Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	480	LF
	647.0856	Pavement Marking Concrete Corrugated Median Epoxy	2,392	SF

*ADDITIONAL QUANTITIES SHOWN IN "PAVEMENT MARKING (LONG LINE MARKINGS)"

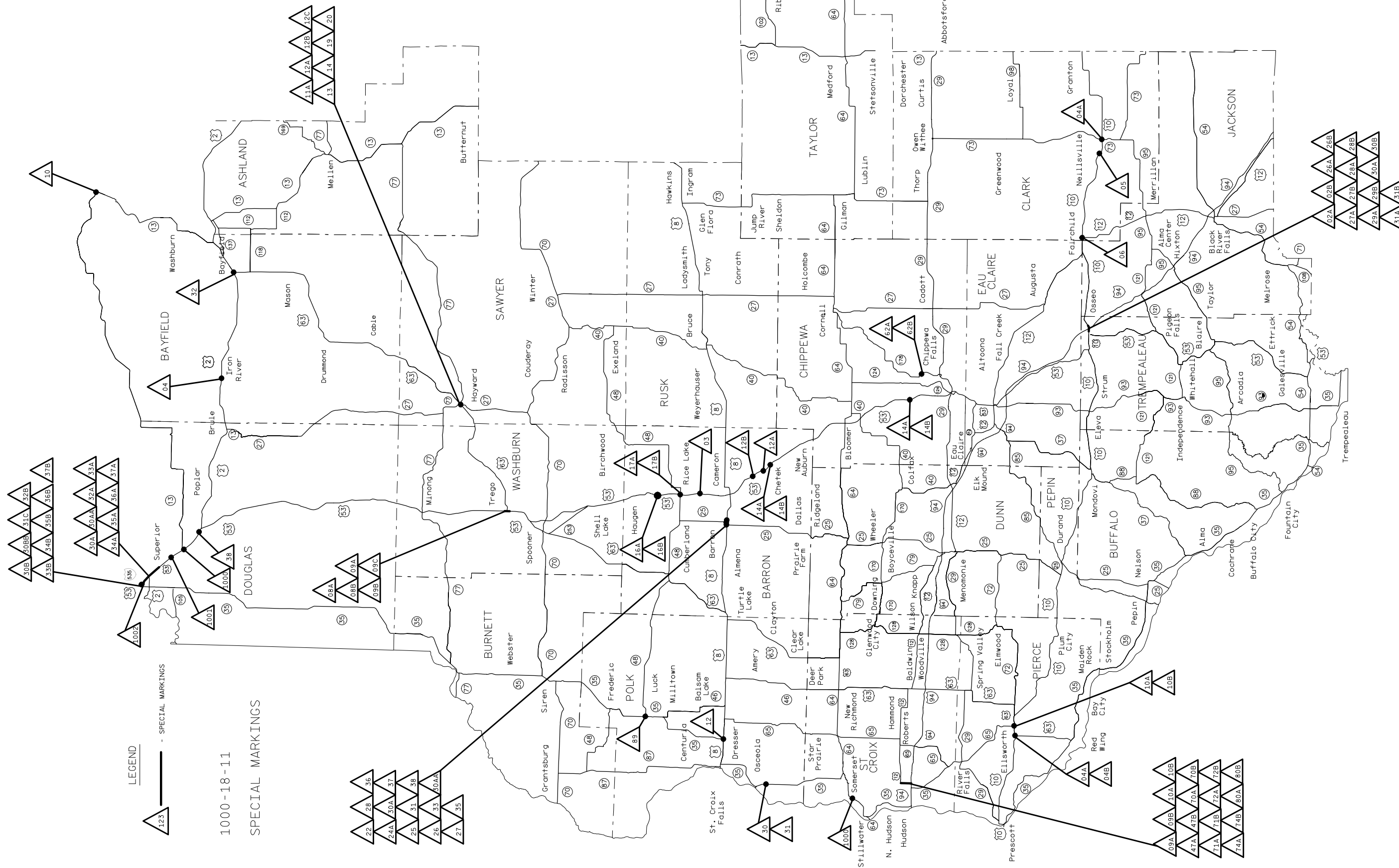
TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0100	643.0300	643.0420	643.0705	643.0715	643.0900	**643.105
			PROJECT	DRUMS	BARRICADES	LIGHTS	LIGHTS	SIGNS	PCMS
			1000-18-11	DAYS	TYPE III	TYPE A	TYPE C	SIGNS	PCMS
			EACH	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
0010	1000-18-11		1	400	20	40	65	100	8

**ADDITIONAL QUANTITIES SHOWN IN "PAVEMENT MARKING SUMMARY (LONG LINE MARKINGS)"

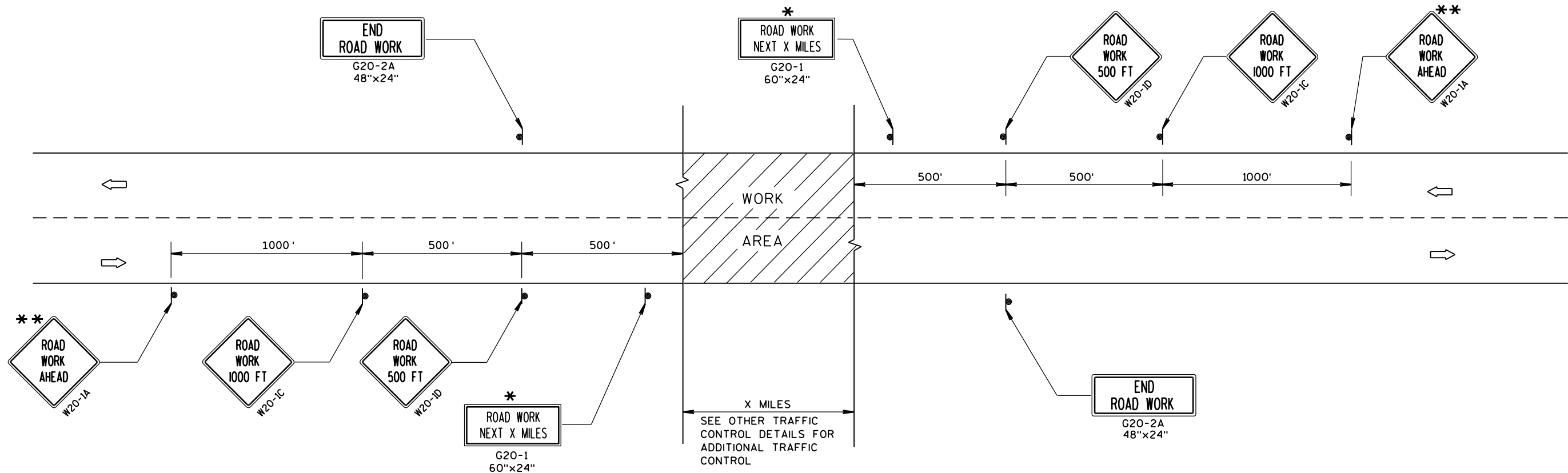


PROJECT NO:1000-18-11	HWY:NORTHWEST REGION	COUNTY:NORTHWEST REGION	PAVEMENT MARKING (LONG LINE & NO PASSING ZONES)	SHEET	E
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Standard Detail Drawing List

15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M. P. H. OR LESS
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C07-13D	ROUNDABOUT ARROWS
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C12-05	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C14-02	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-03	MEDIAN ISLAND MARKING
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-04B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-04C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C31-02A	PAVEMENT MARKING (RAMPS AND GORES)
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D12-06B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-04	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

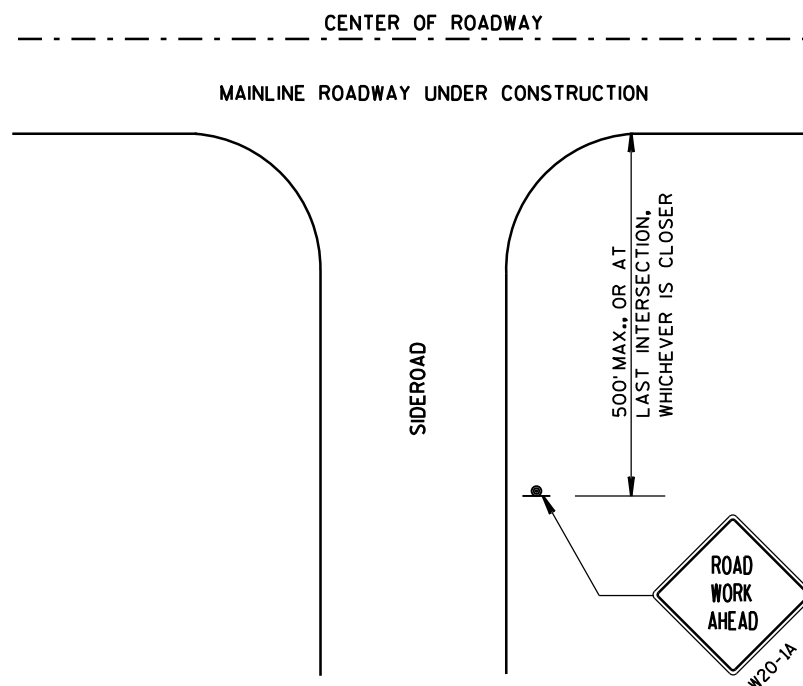
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



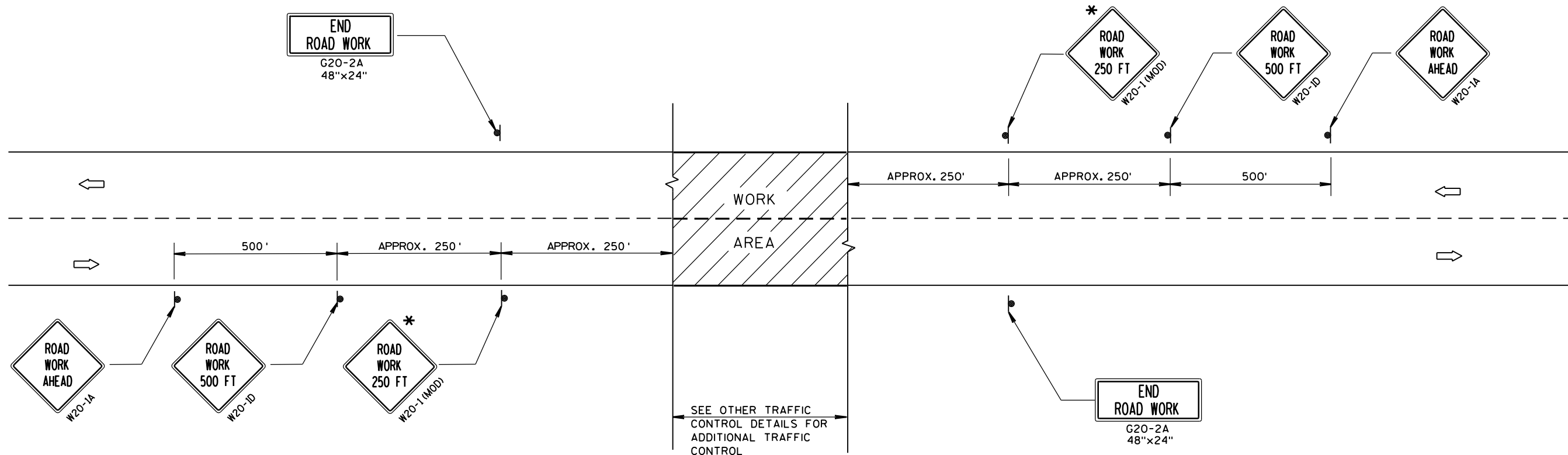
LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE
WARNING SIGNS 45 M.P.H.
OR GREATER TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED	/S/ Peter Amokobe Atepe
DATE	STATEWIDE WORK ZONE TRAFFIC
FHWA	SAFETY ENGINEER



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

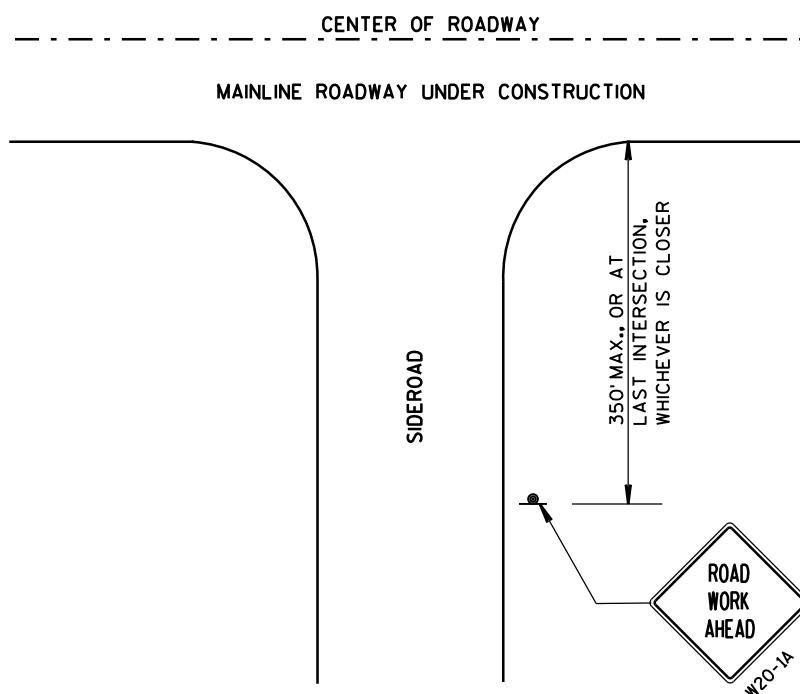
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

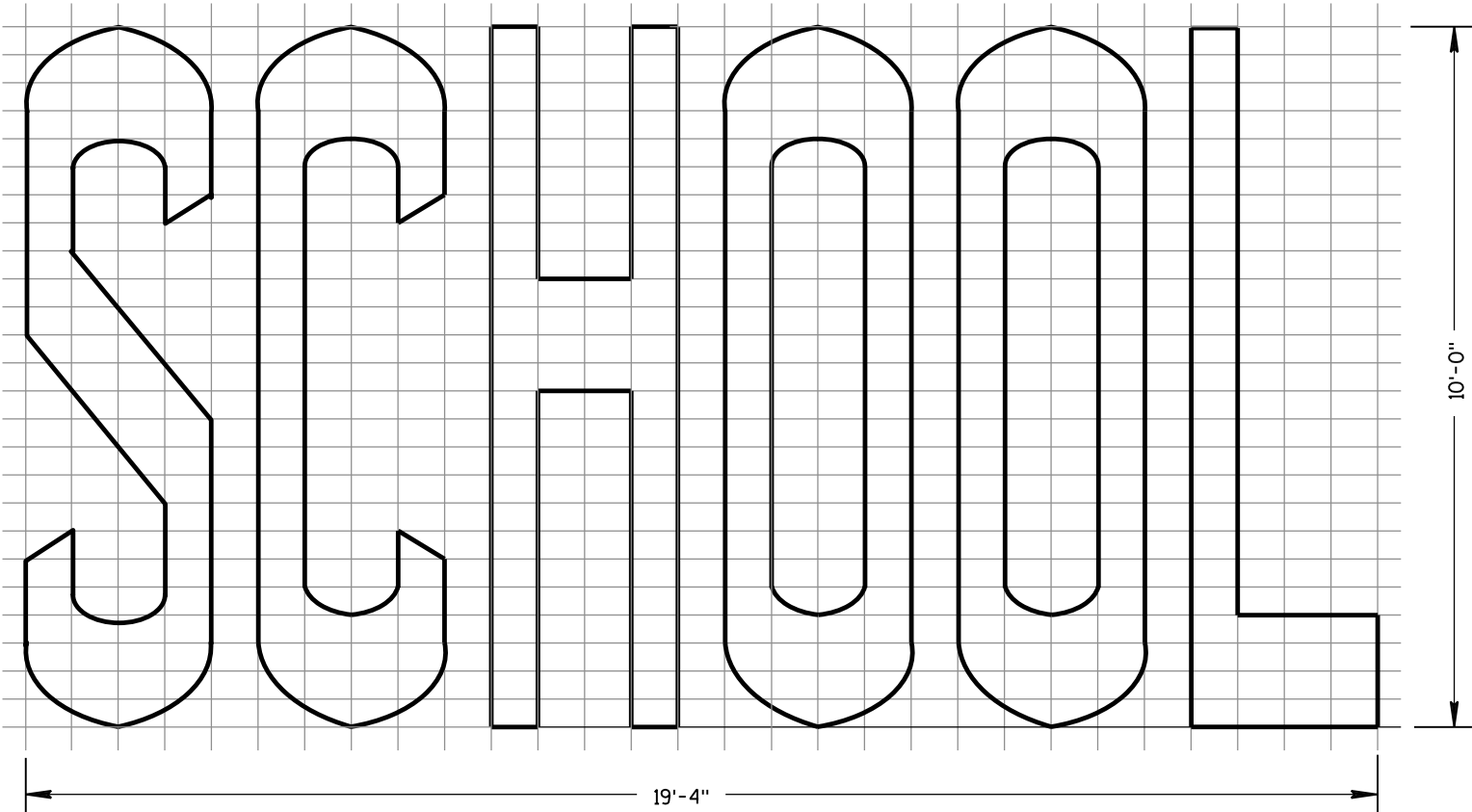
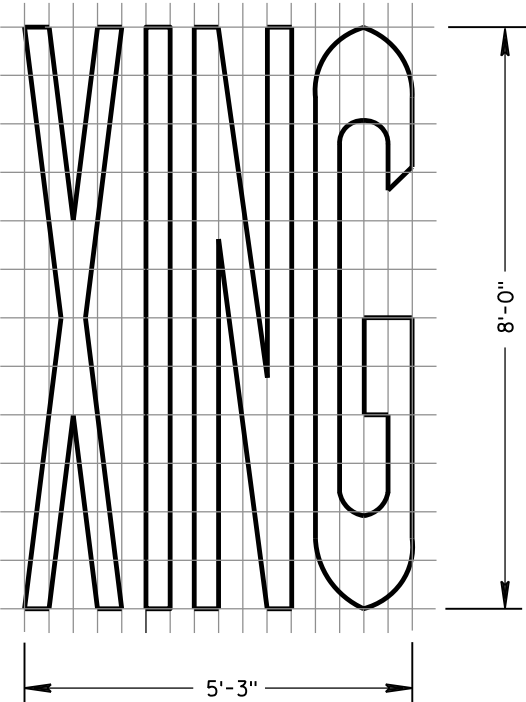
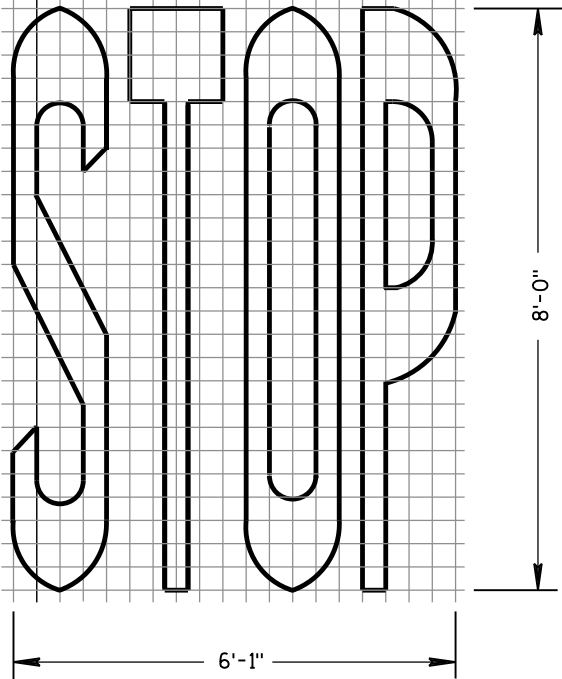
TRAFFIC CONTROL, ADVANCE
WARNING SIGNS 40 M.P.H.
OR LESS TWO-WAY UNDIVIDED
ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

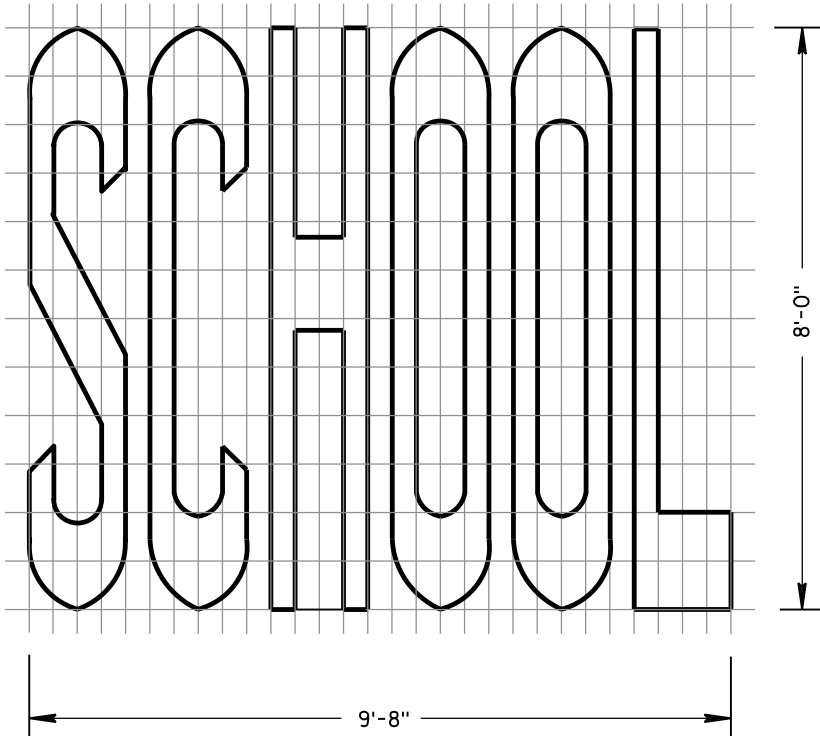
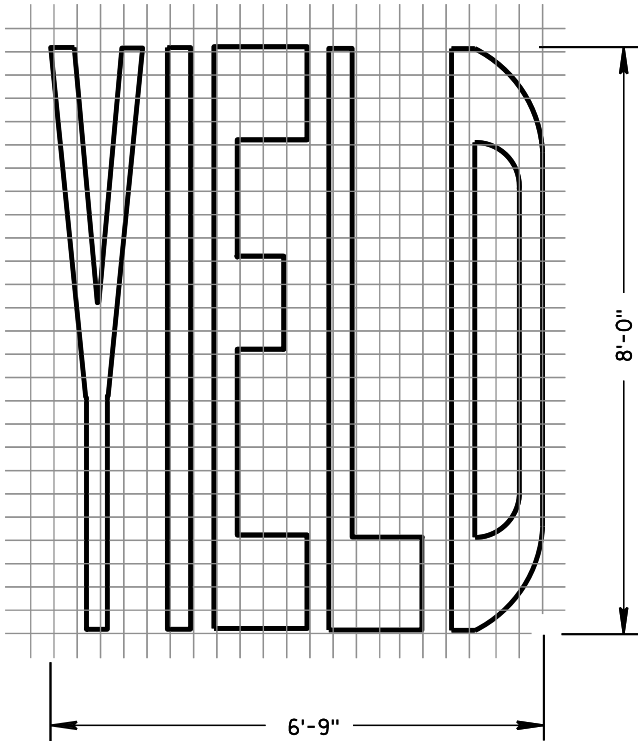
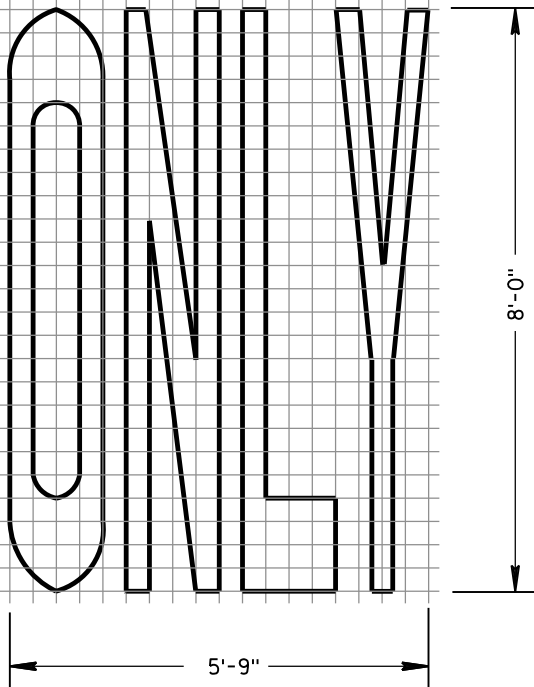
APPROVED	/S/ Peter Amakobe Atepe
DATE	STATEWIDE WORK ZONE TRAFFIC
FHWA	SAFETY ENGINEER

GENERAL NOTES

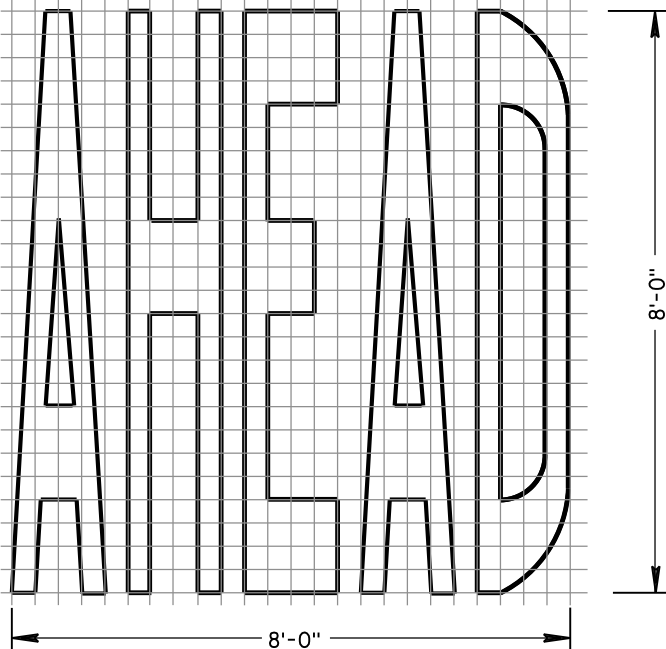
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TWO-LANE



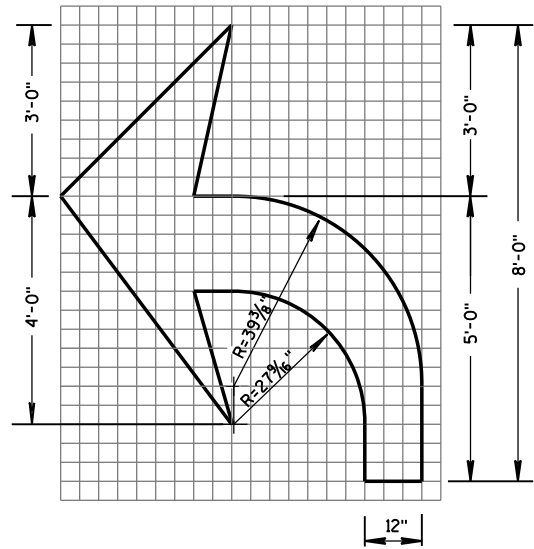
SINGLE-LANE



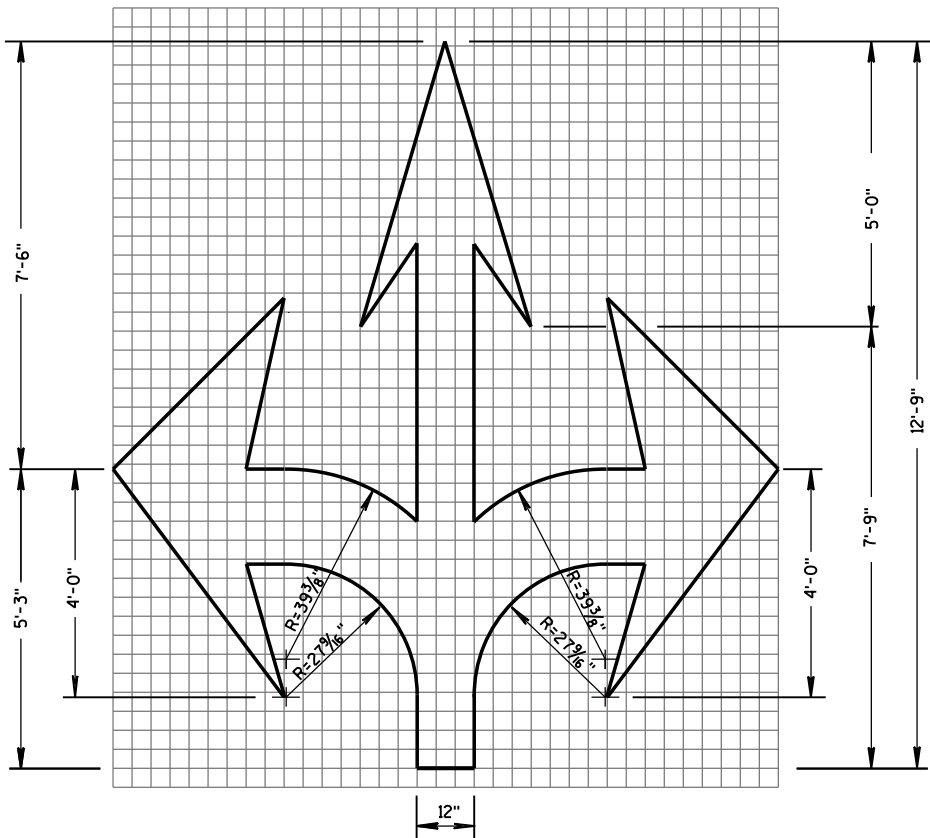
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

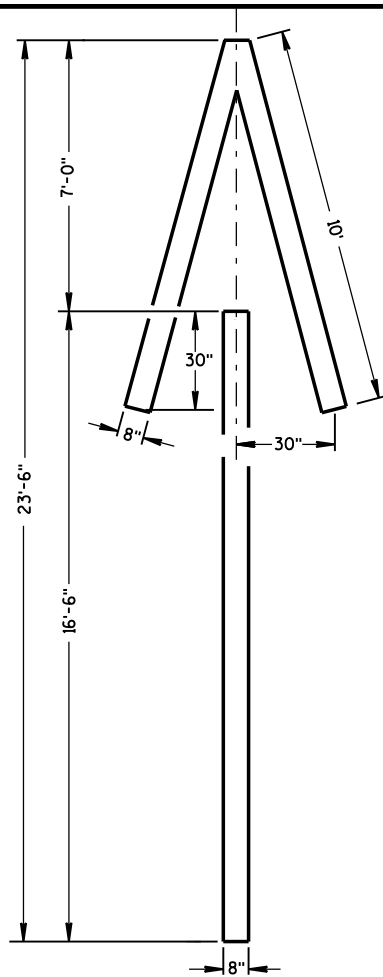
APPROVED
4-18-16 DATE /S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER
FHWA



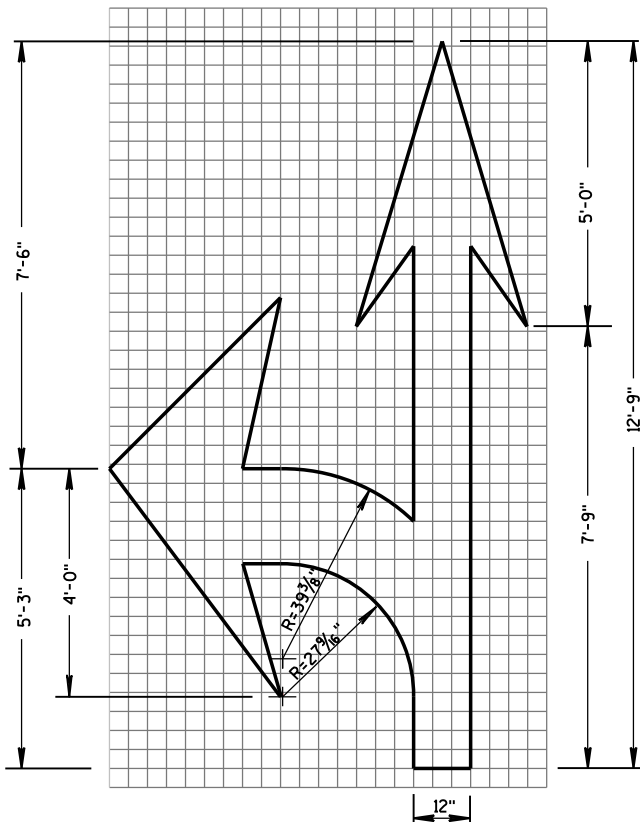
TYPE 2



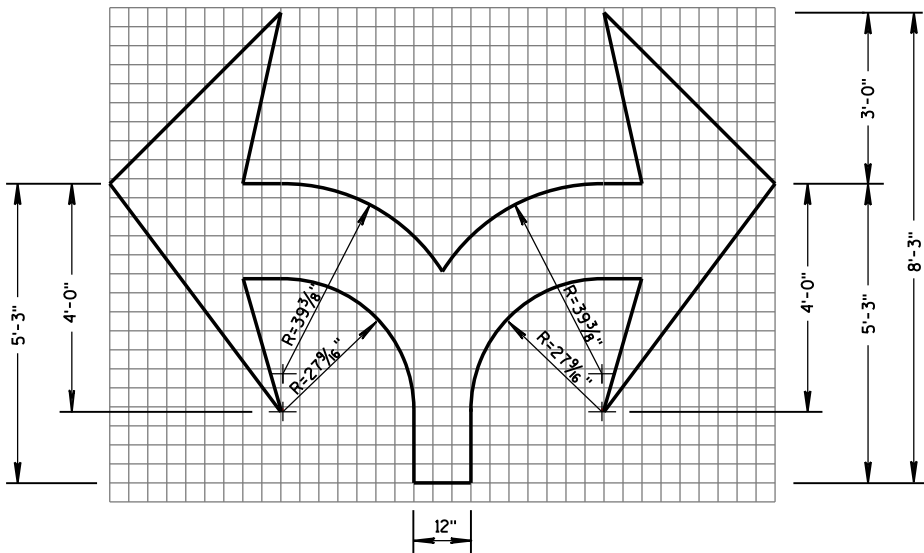
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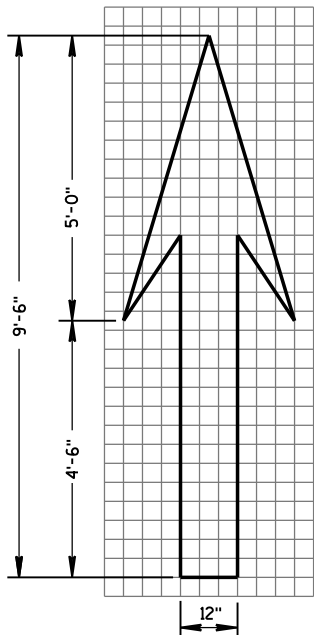
TYPE 4



TYPE 3



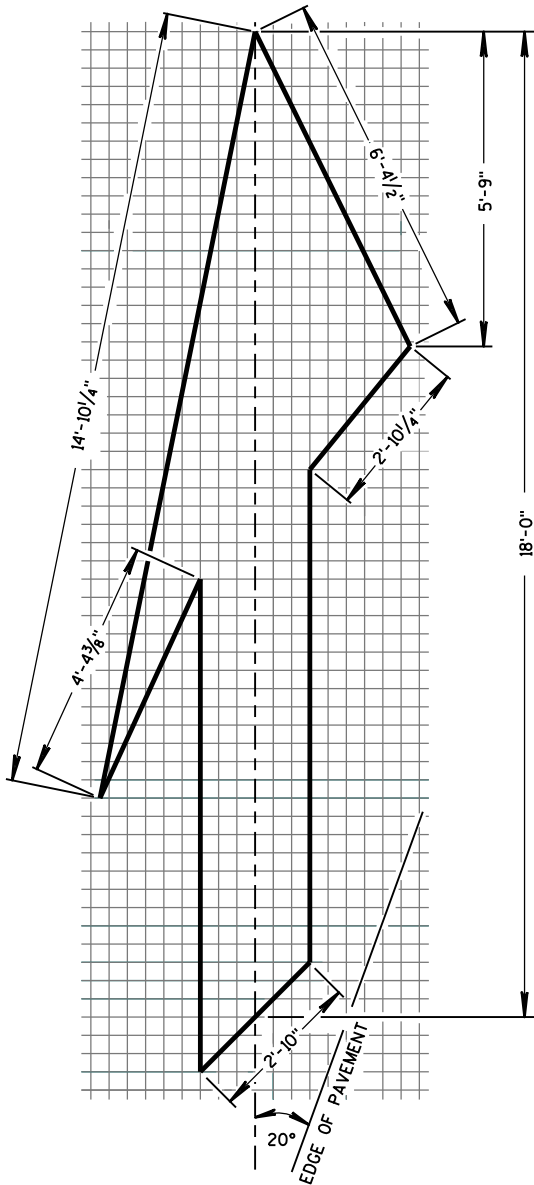
TYPE 7



TYPE 1

GENERAL NOTES

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

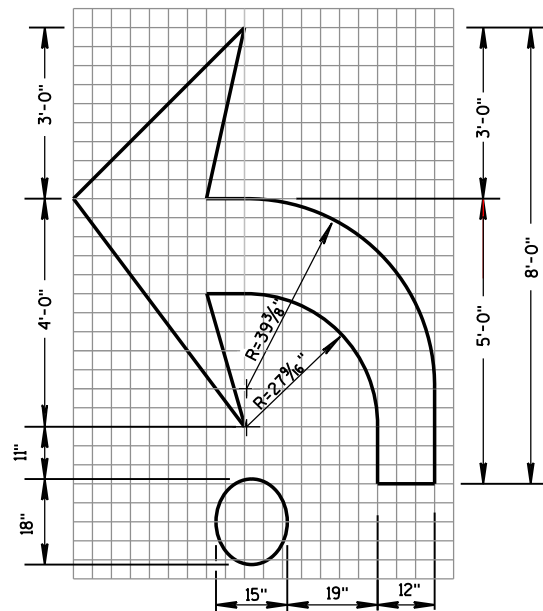


TYPE 5 LANE DROP ARROW

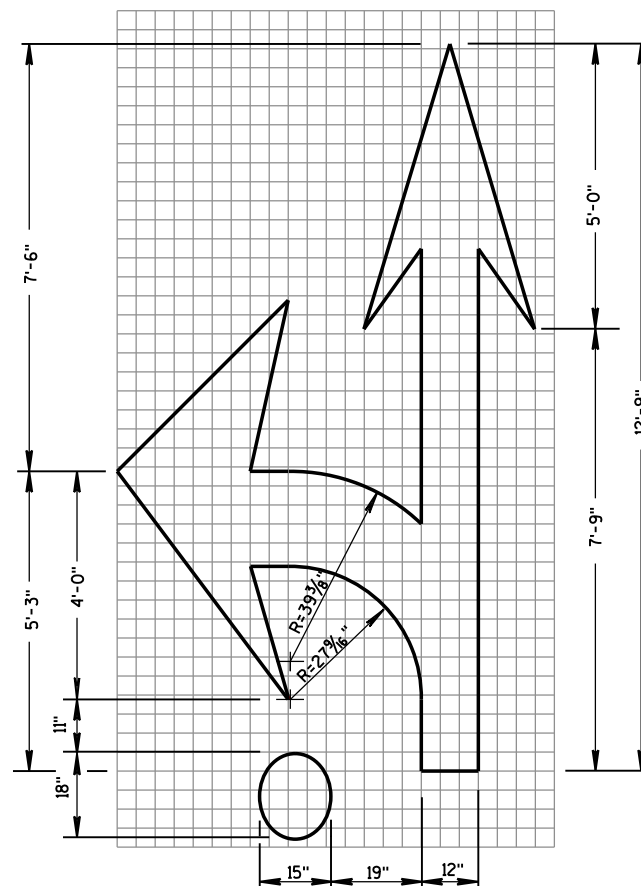
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

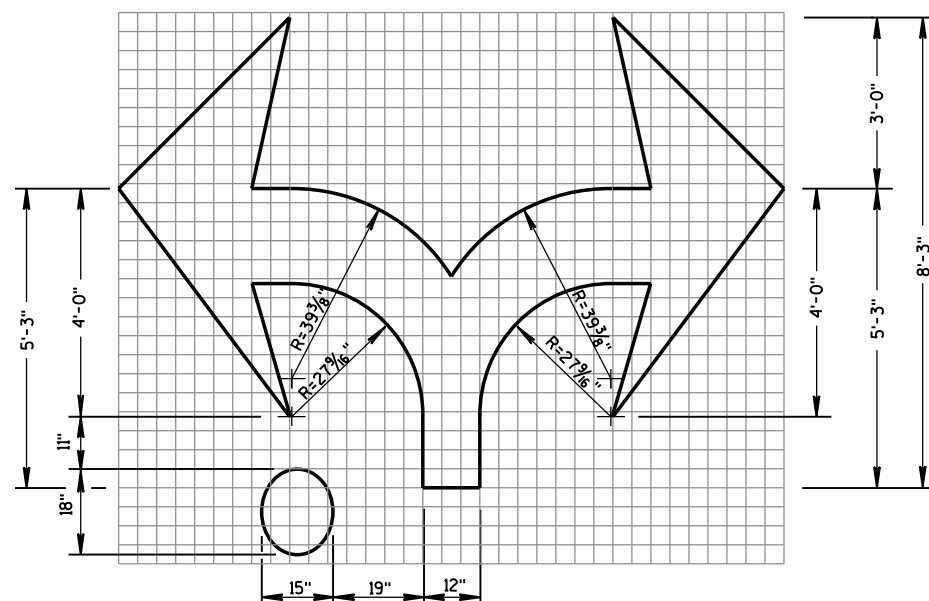
APPROVED
4-18-16 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



TYPE 2R



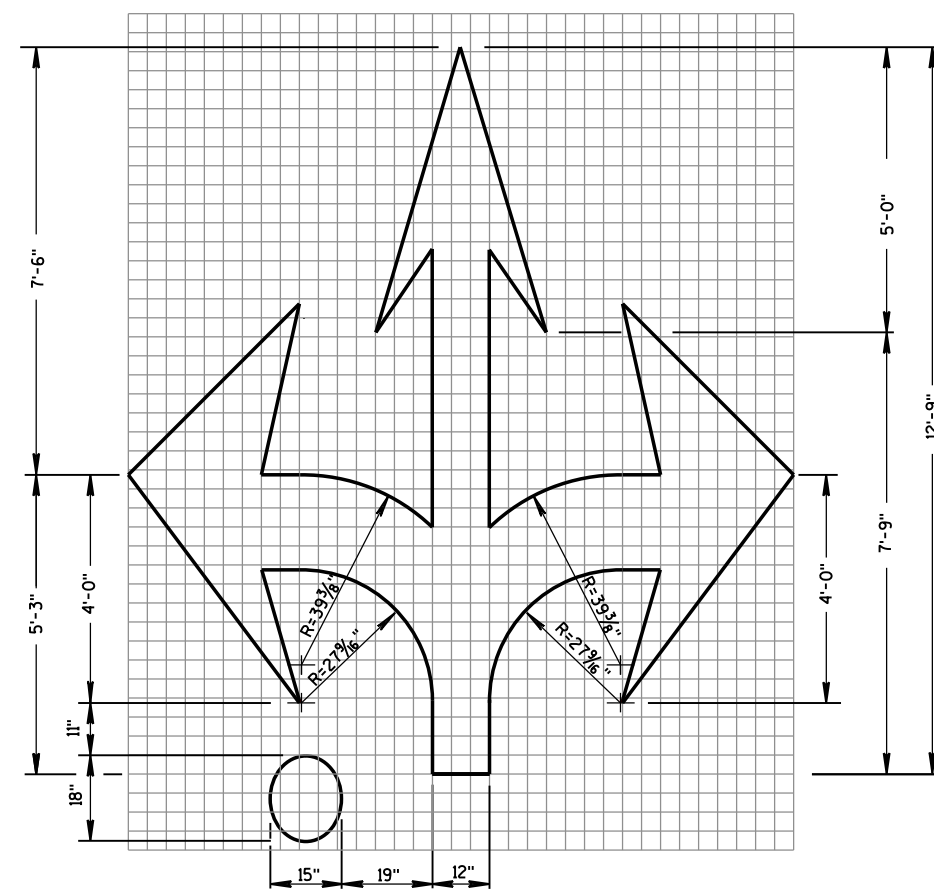
TYPE 3R



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.



TYPE 6R

ROUNABOUT ARROWS

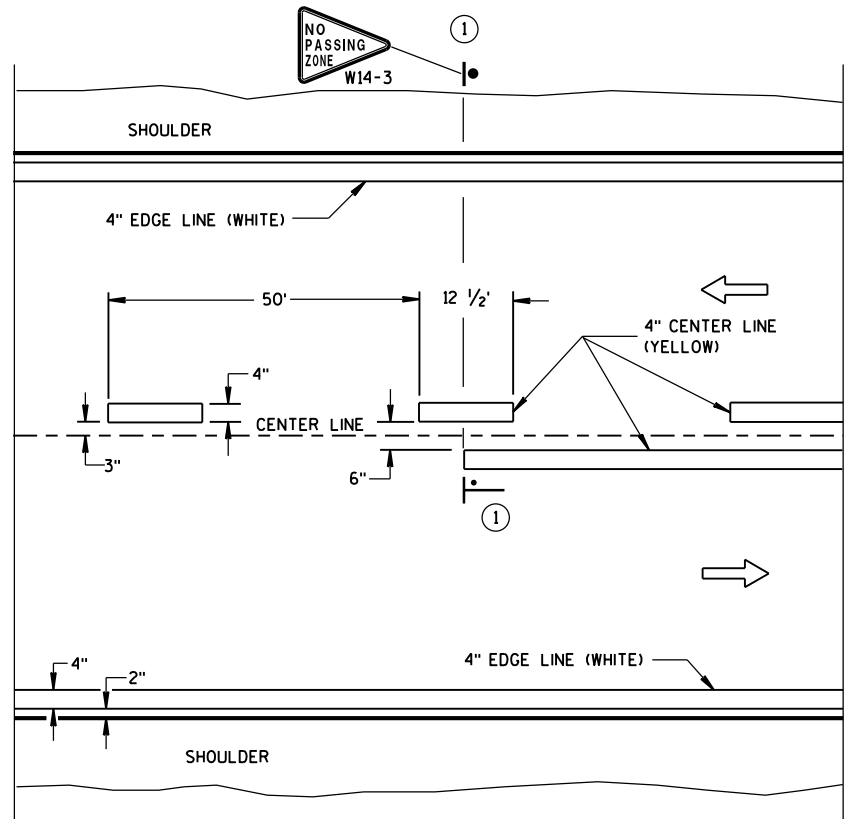
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

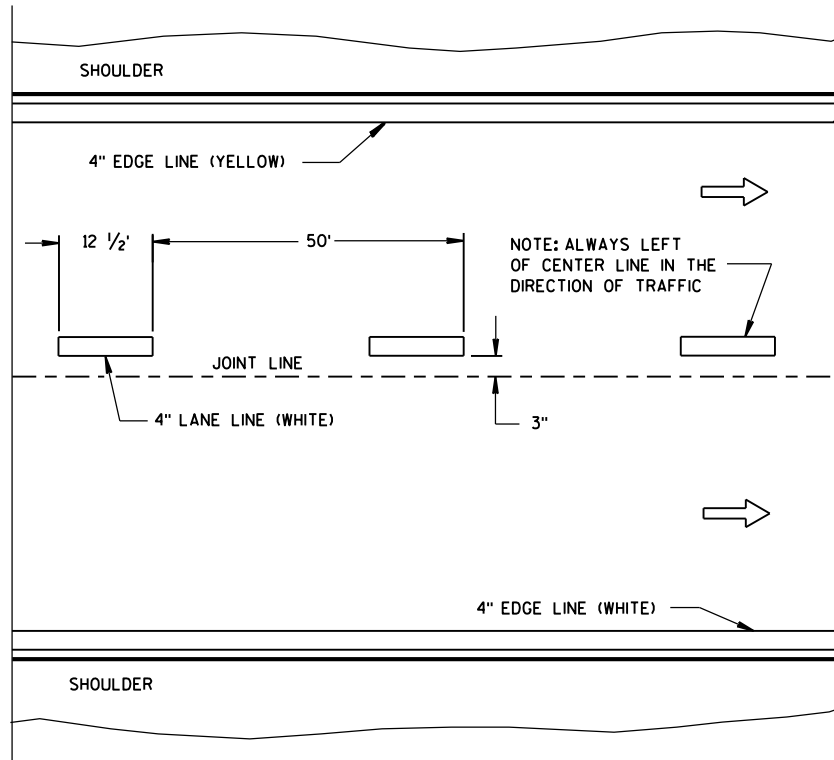
4/18/2016
DATE

FHWA

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

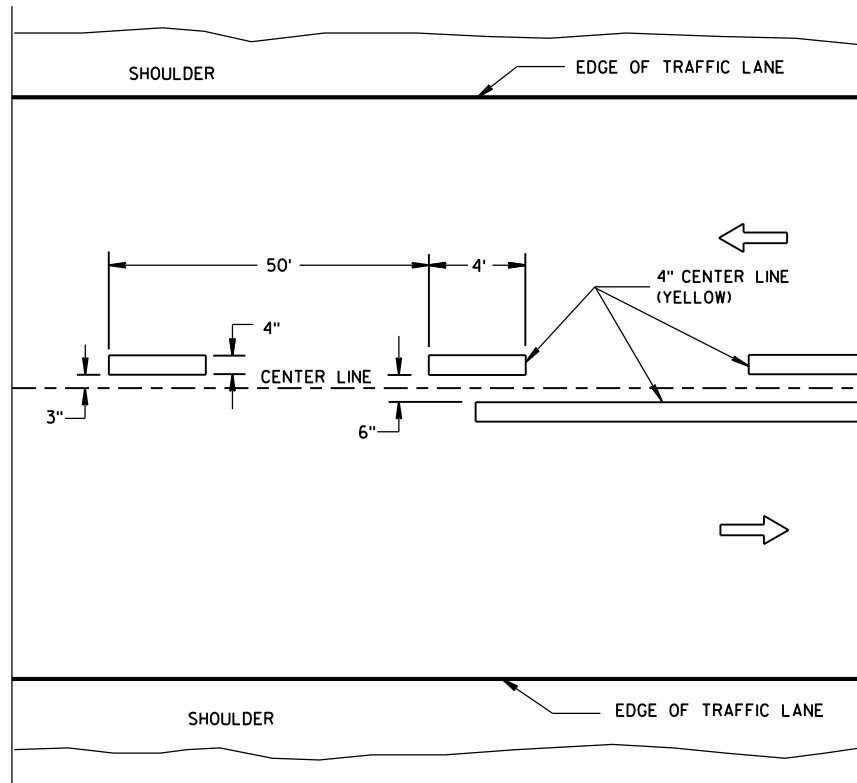


TWO WAY TRAFFIC

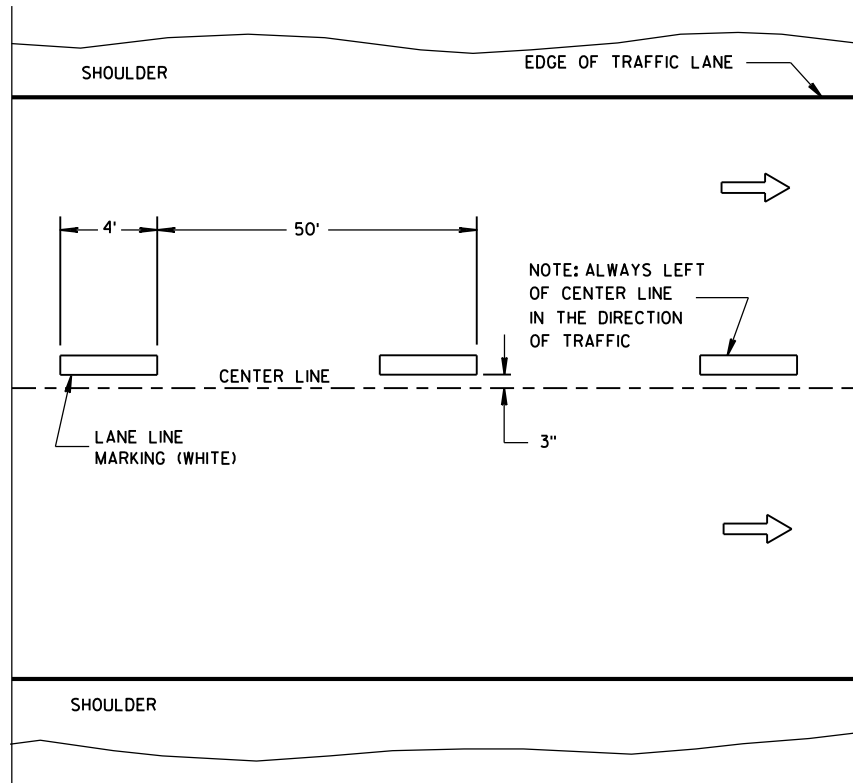


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

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

① NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

LEGEND

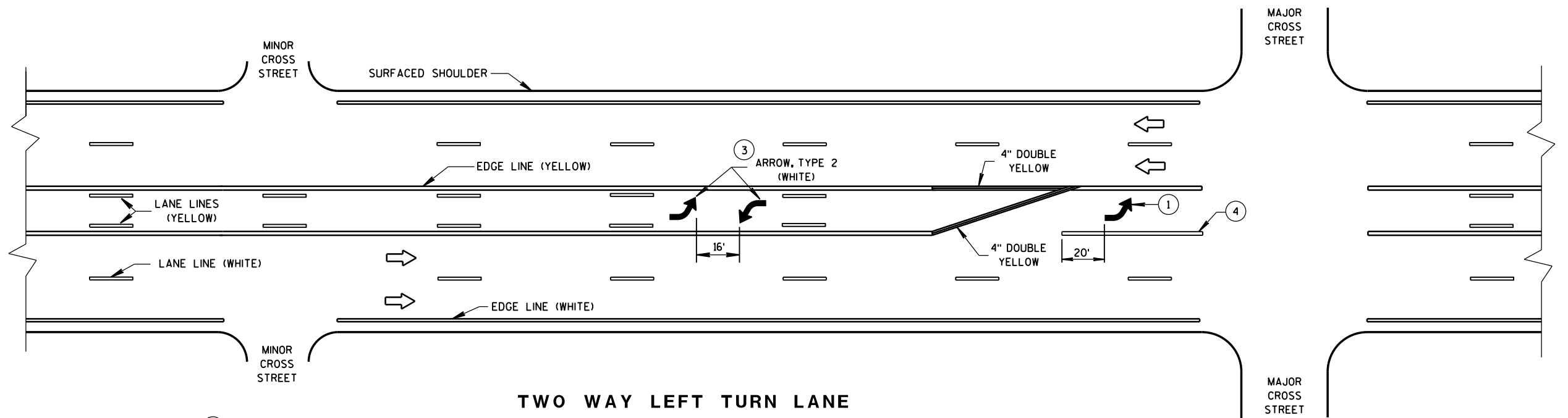
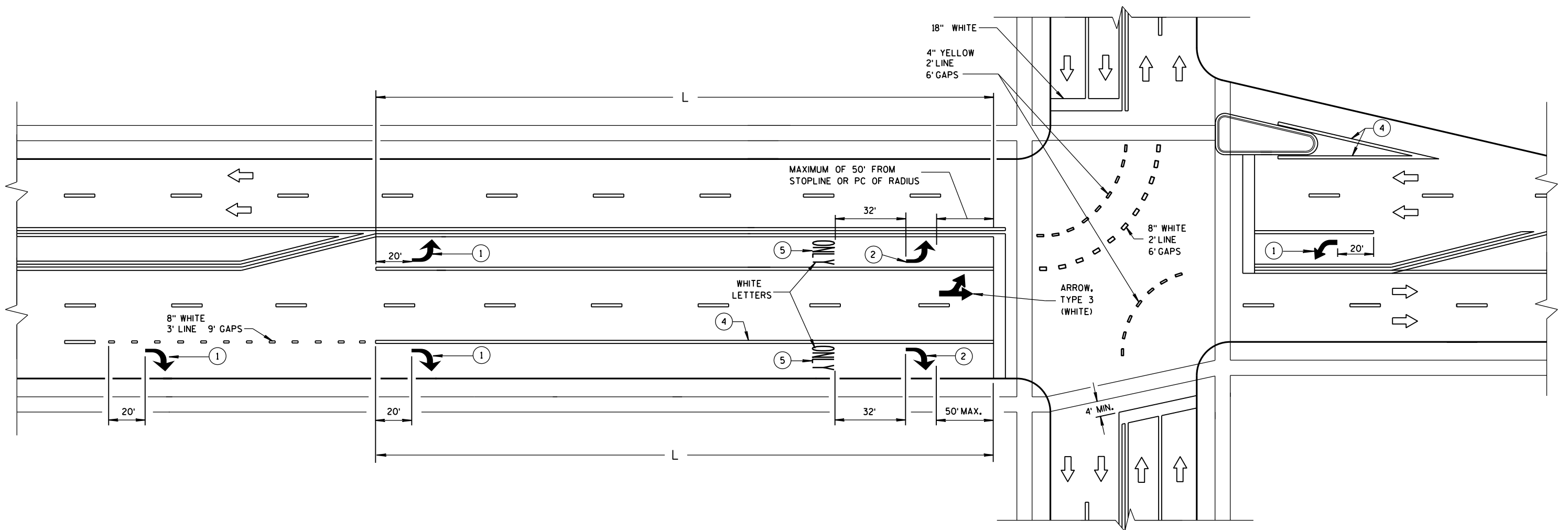
—●— "T" MARKING

● POST MOUNTED SIGN

LONGITUDINAL MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION


APPROVED
Sept., 2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



GENERAL NOTES

- ① REQUIRED ARROW, TYPE 2 (WHITE).
- ② REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.
- ③ A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ④ 8" WHITE
- ⑤ REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

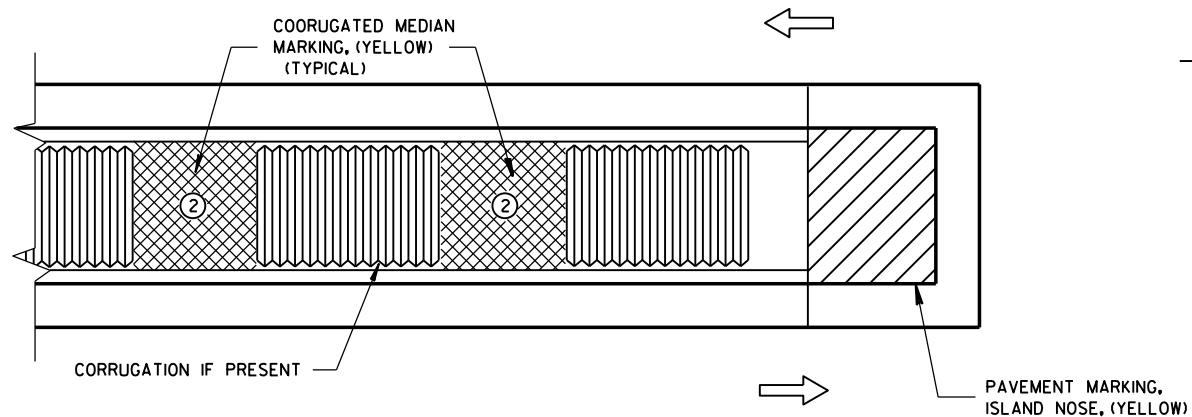
TWO WAY LEFT TURN LANE

NOTE:
ARROW SYMBOL ()
SHOWS DIRECTION OF TRAVEL

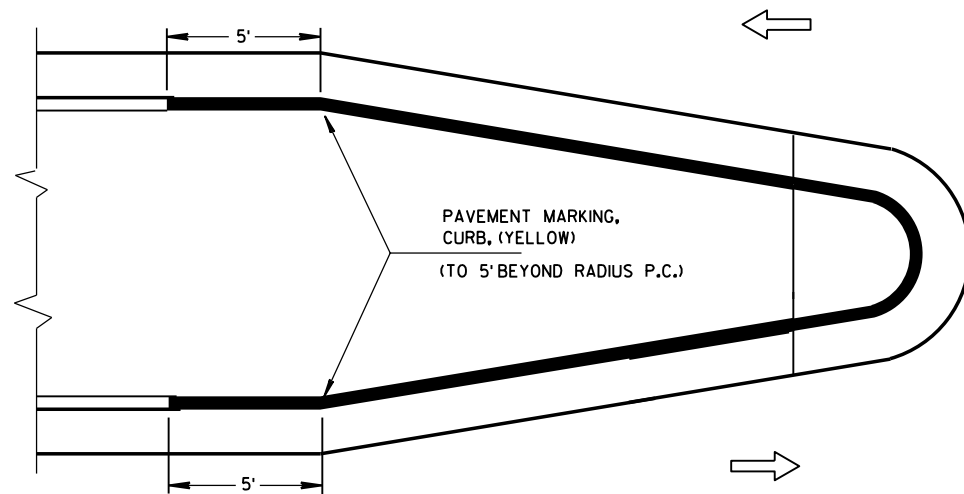
L = LENGTH OF TURN BAY

PAVEMENT MARKING
(TURN LANES)

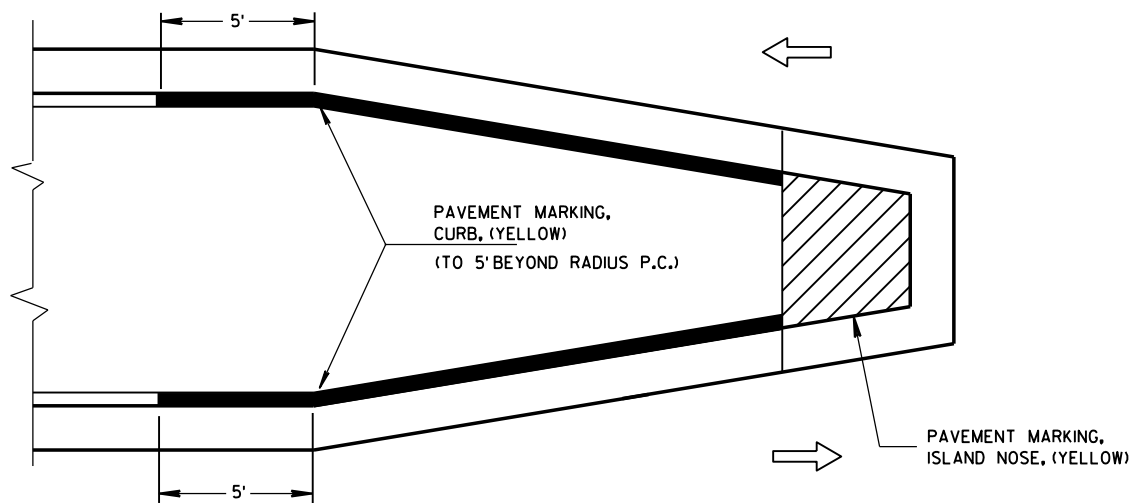
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

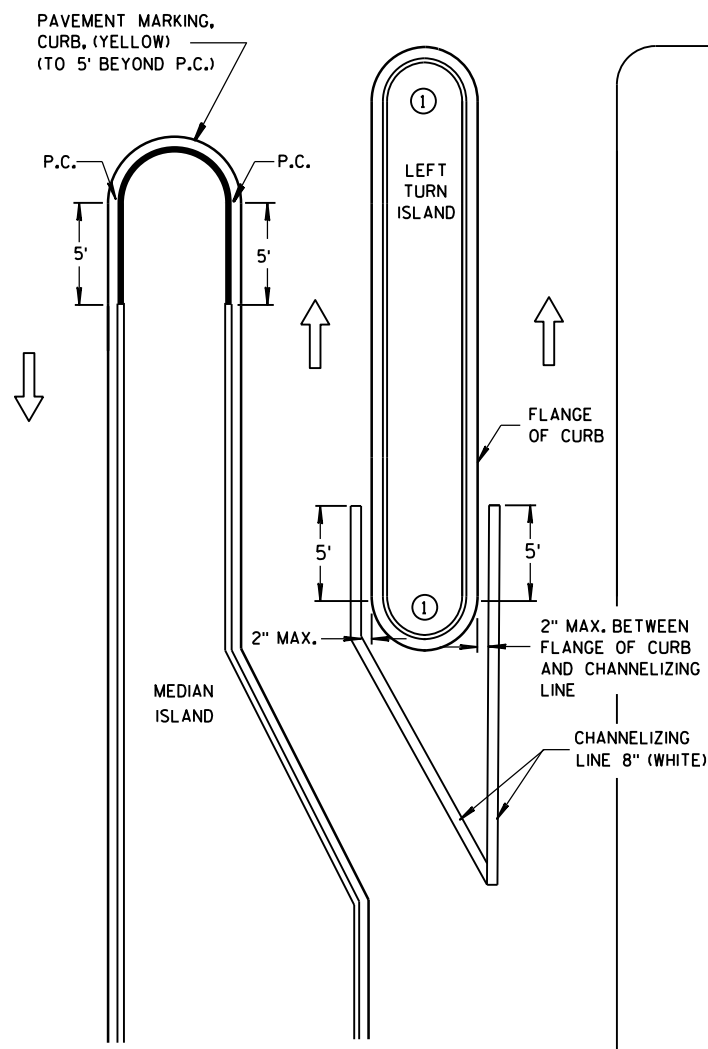


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

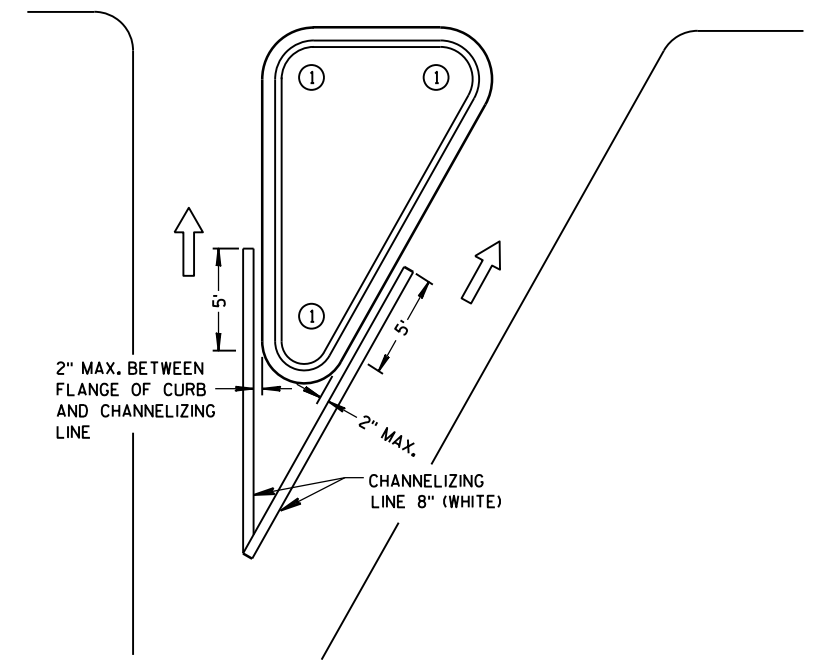
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

- 1 DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- 2 WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING (ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

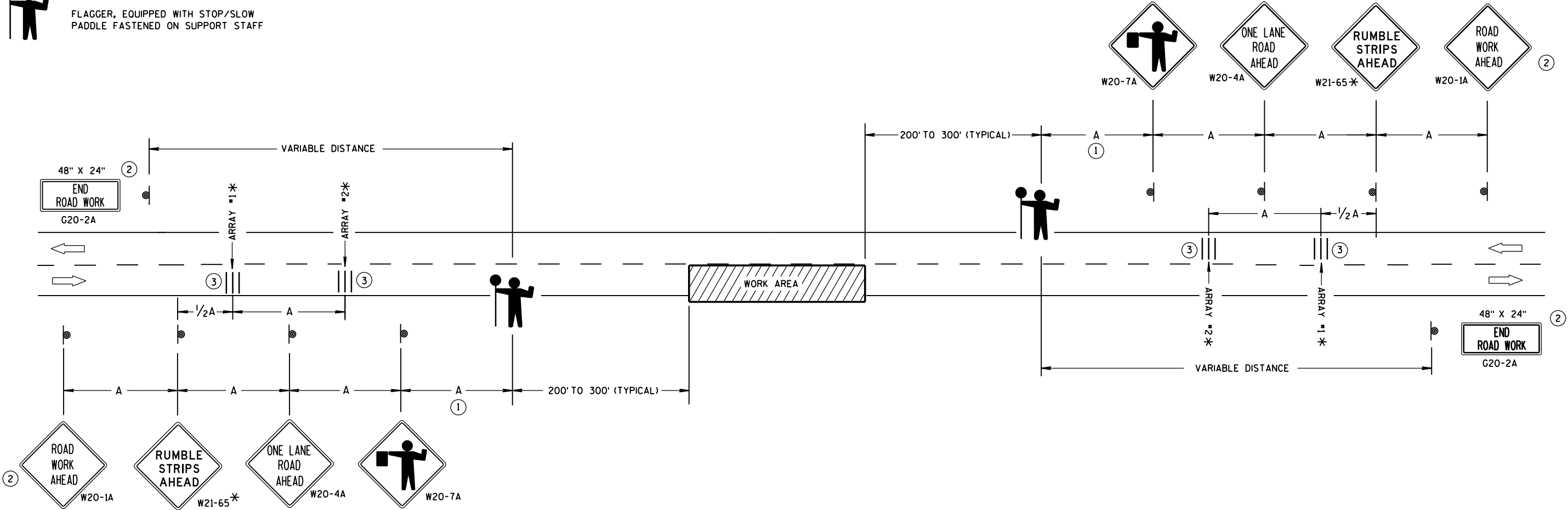
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING A
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING A.



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

"W0" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

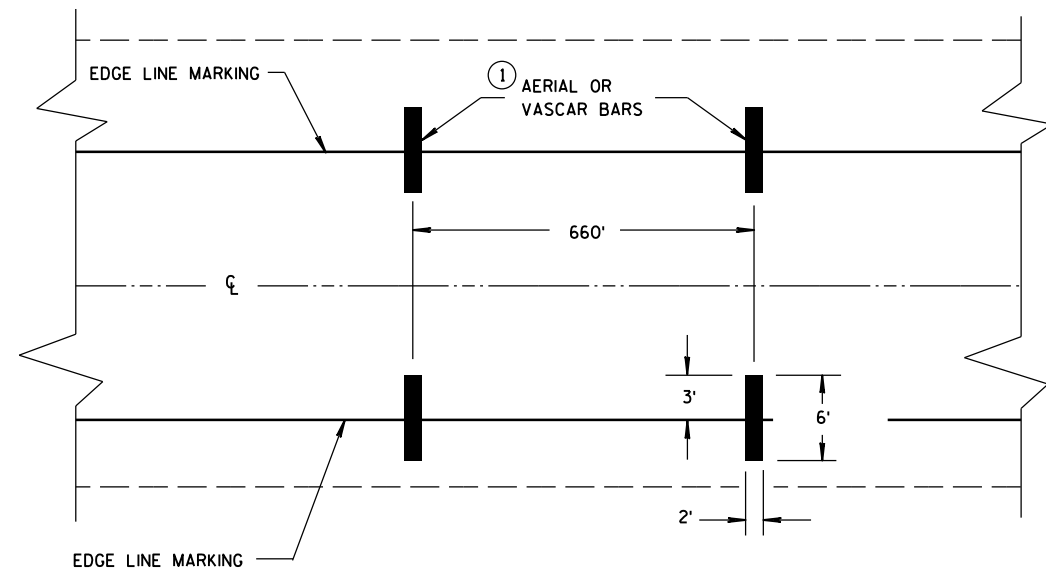
* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

- FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

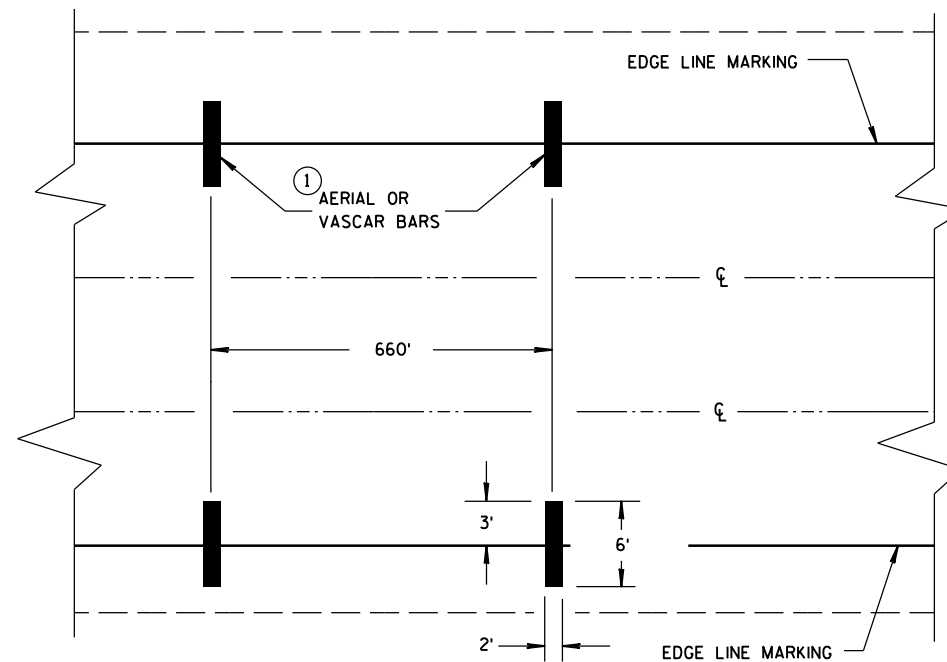
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 /S/ Andrew Heldtke
DATE WORK ZONE ENGINEER
FHWA



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

GENERAL NOTES

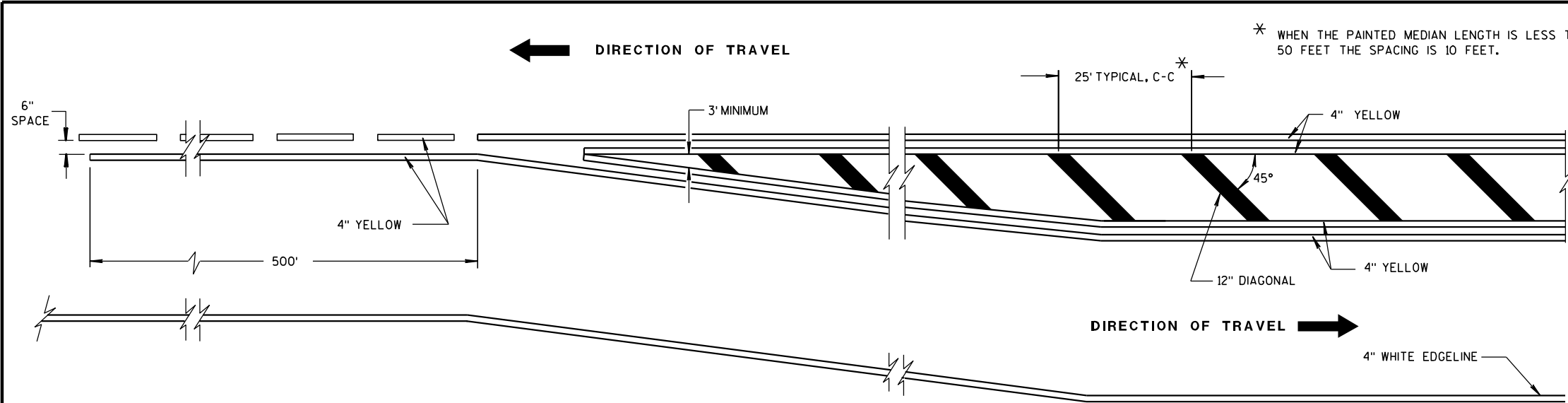
- ① NUMBER OF VASCAR OR AERIAL BARS SHALL BE A MINIMUM OF 2 OR A MAXIMUM OF 5 AT 660' SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.

AERIAL ENFORCEMENT BARS
PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

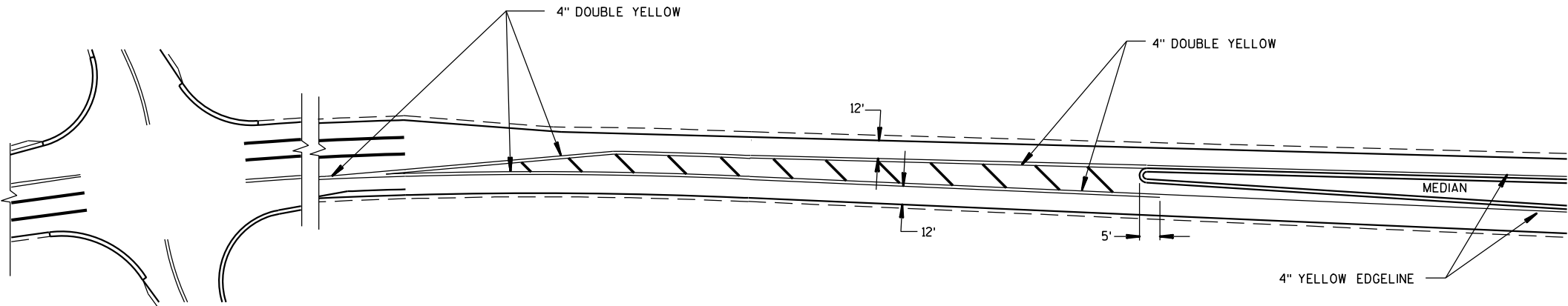
APPROVED
4/18/2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



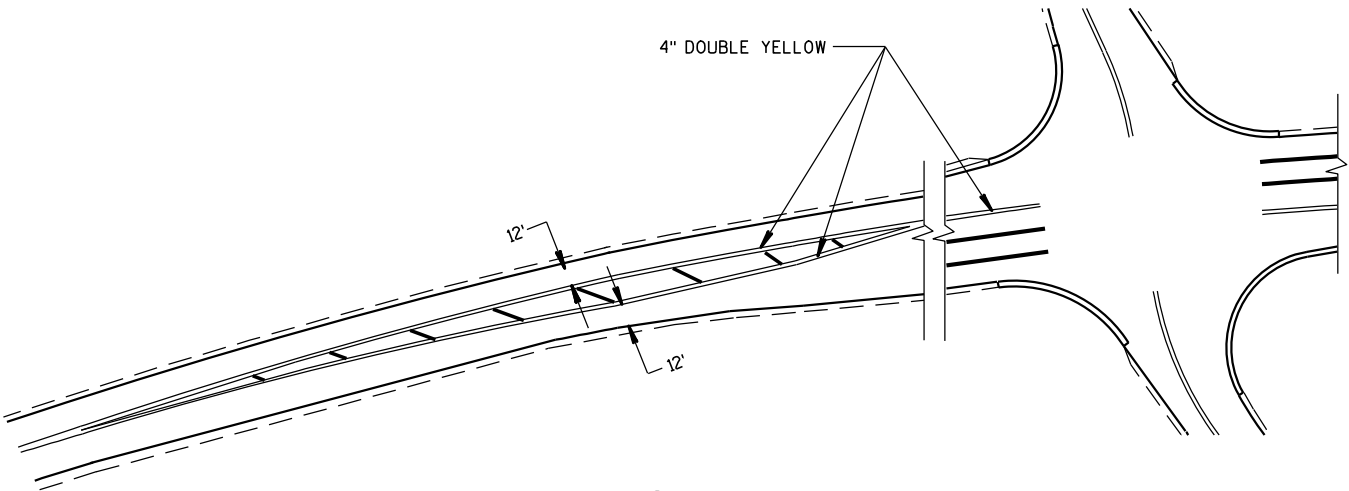
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

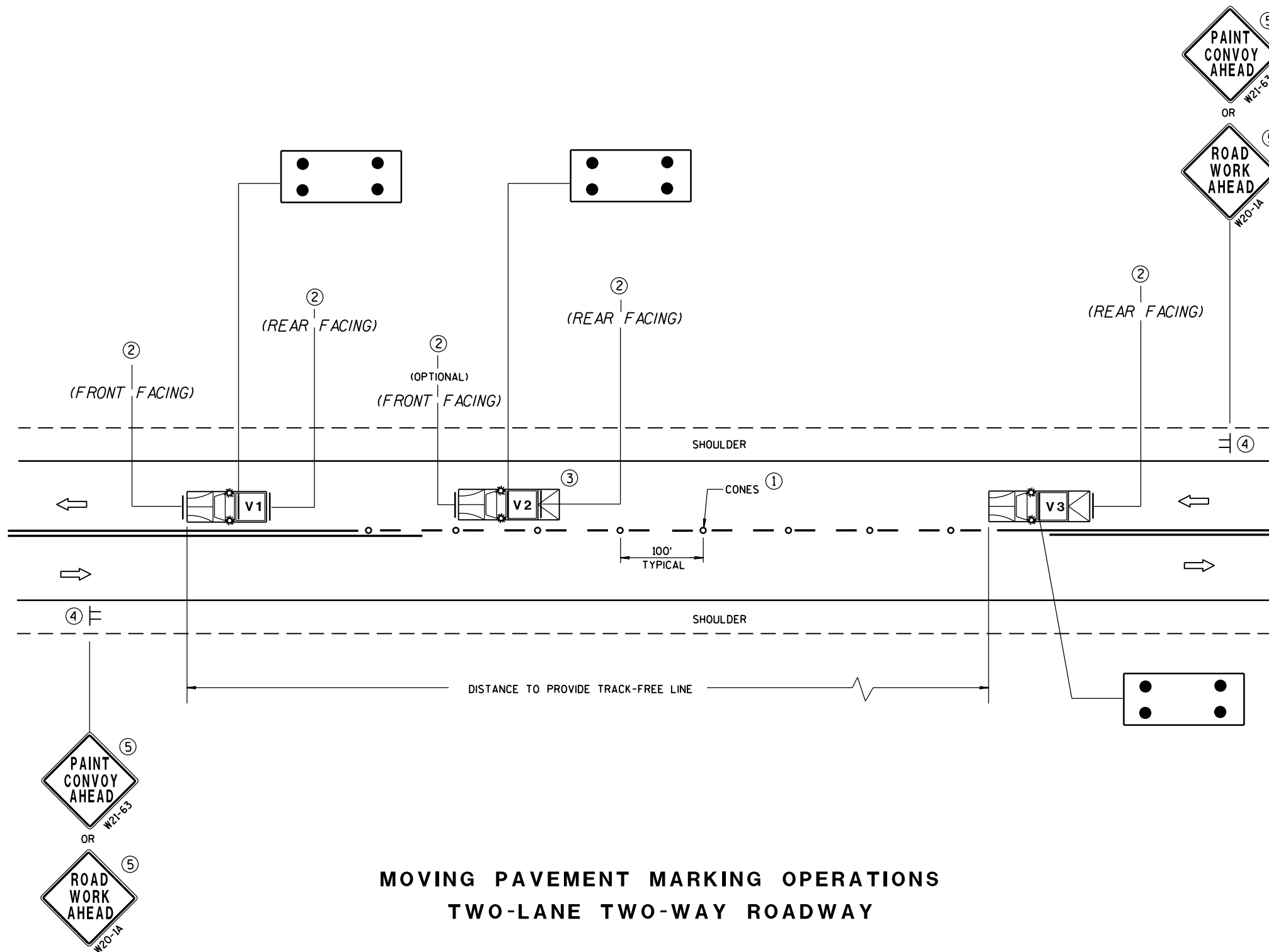


APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Notbohm STATE TRAFFIC ENGINEER OF DESIGN
FHWA	



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

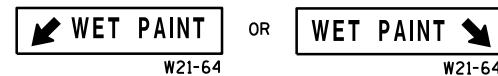
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

CONES

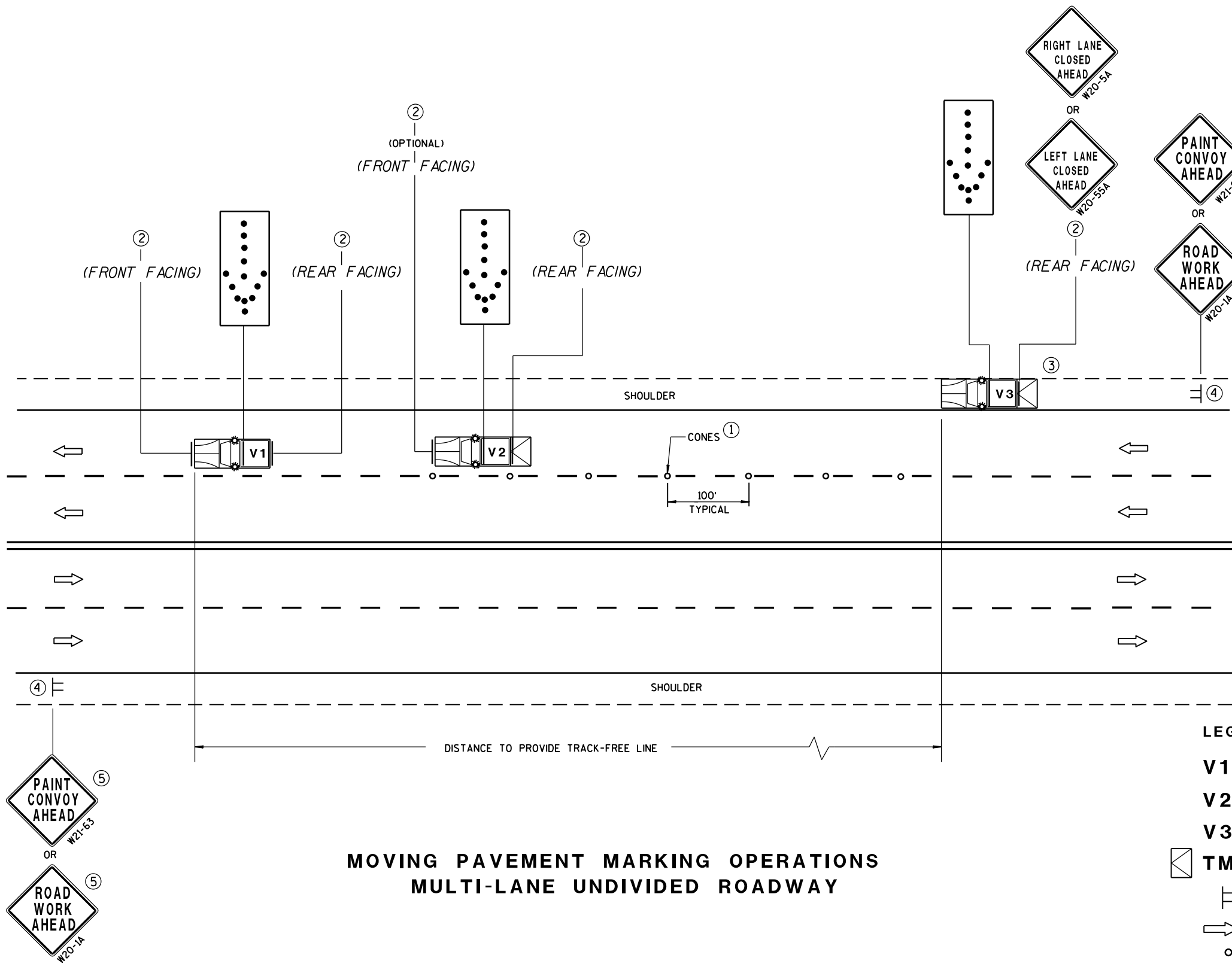
FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
FHWA

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

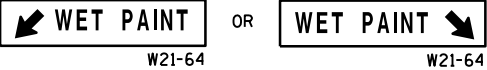


MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

GENERAL NOTES

- ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.
- ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.
- IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.
- ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.
- DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.
- WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.
- USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.
- FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.
- WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.
- THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGE LINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

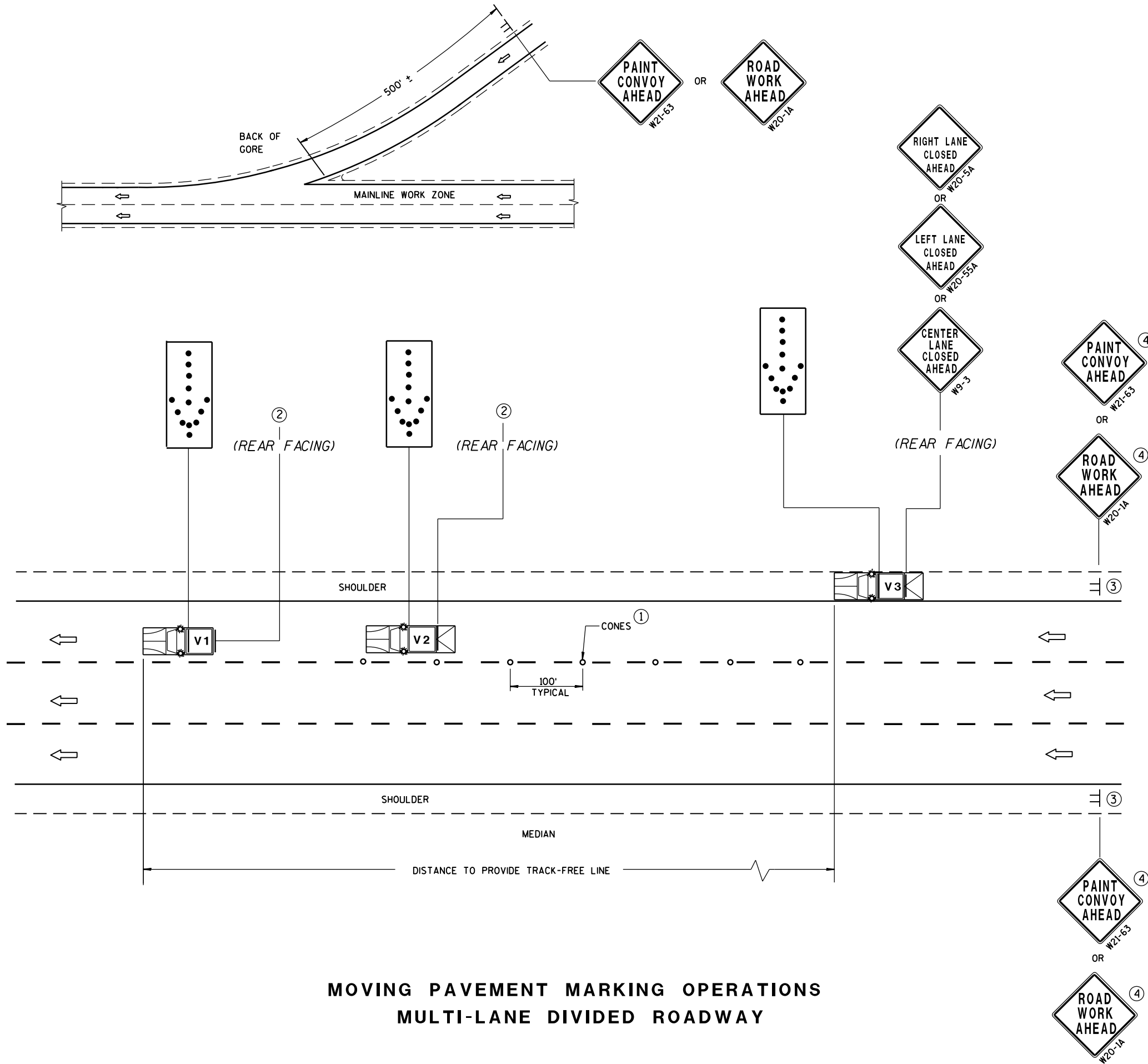


LEGEND

- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
- Sign on temporary support
- Direction of traffic
- Cones
- Flashing arrow panel (merge)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION		
APPROVED	/s/ Peter Amakobe Atepe	
June 2016	DATE	STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA		



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR EDGELINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ④ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

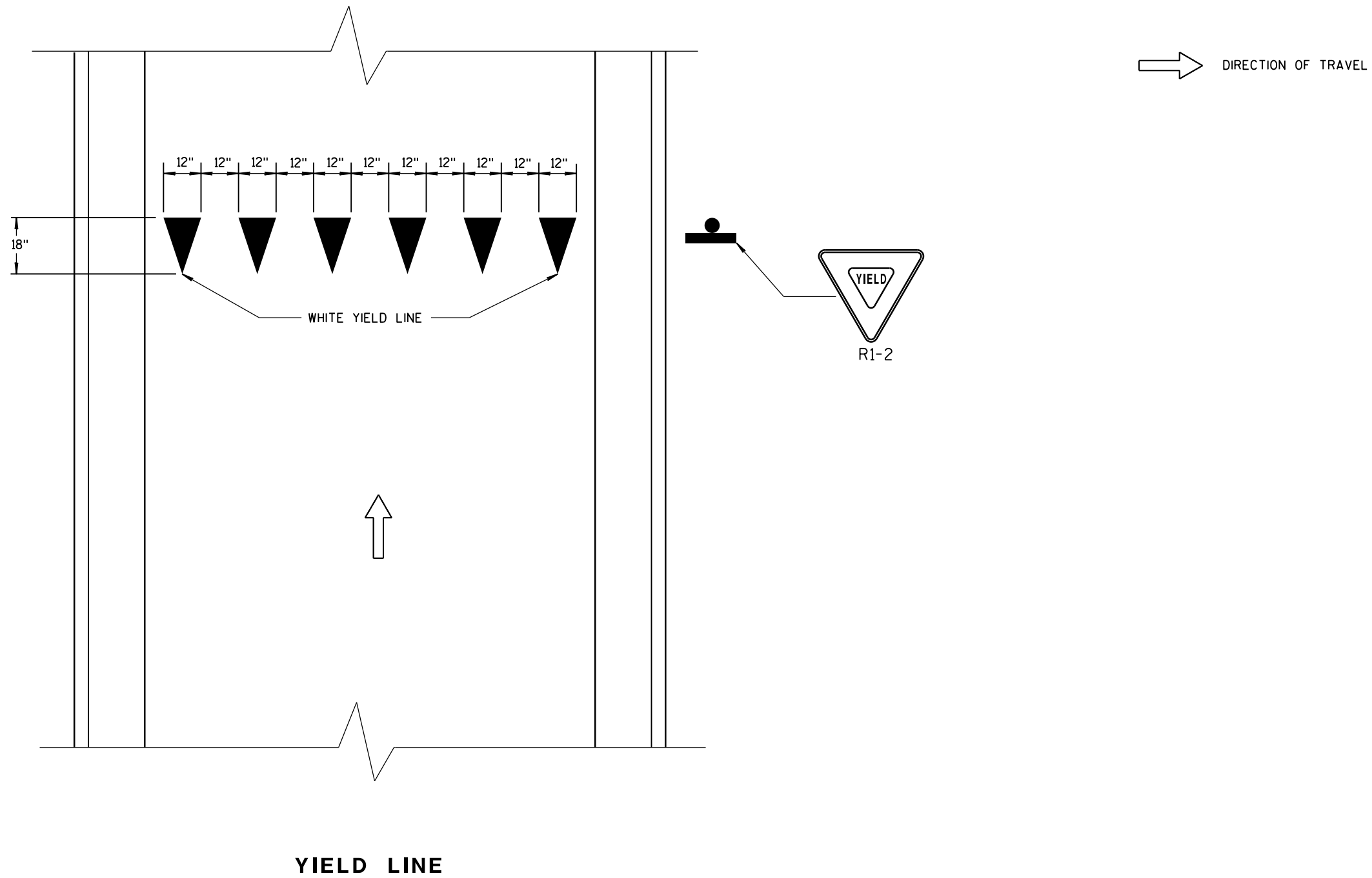
LEGEND

- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONES
- FLASHING ARROW PANEL (MERGE)

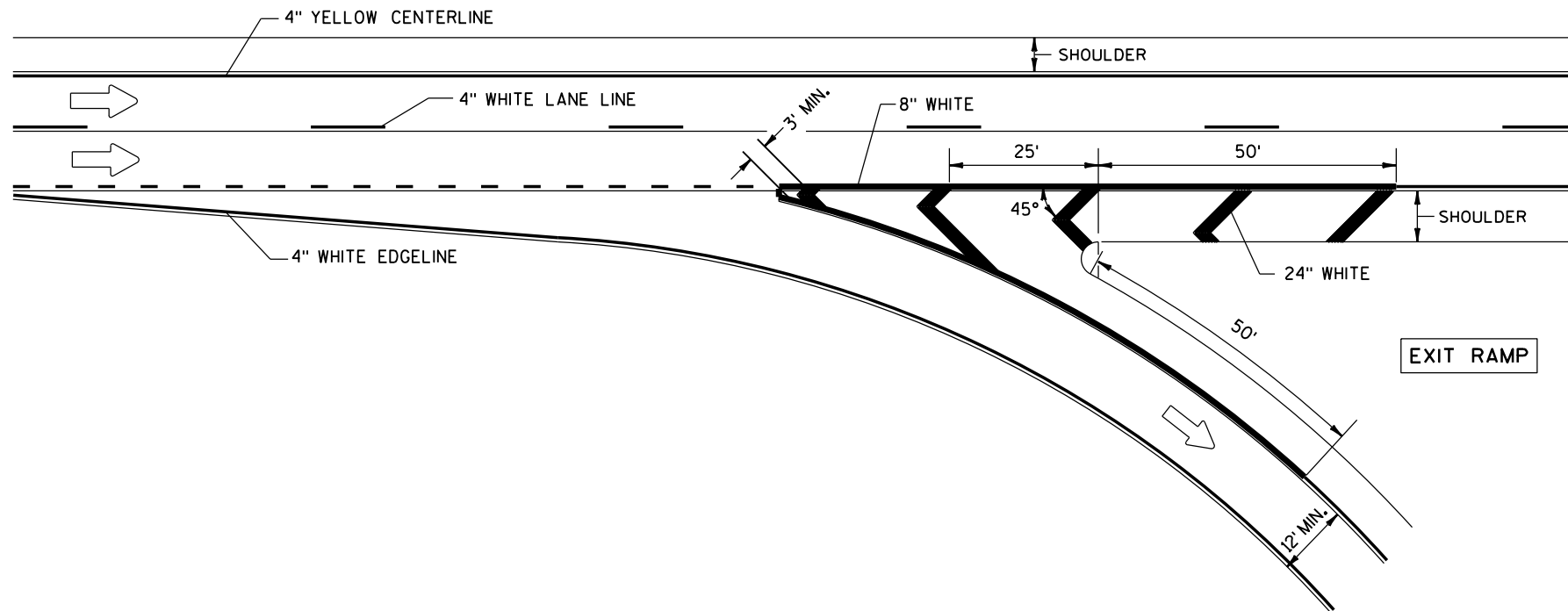
MOVING PAVEMENT MARKING OPERATION
MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 /S/ Peter Amakobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER



YIELD MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>4-18-2016</u> DATE	<u>/S/ Matthew R. Rauch</u> STATE SIGNING AND MARKING ENGINEER
FHWA	



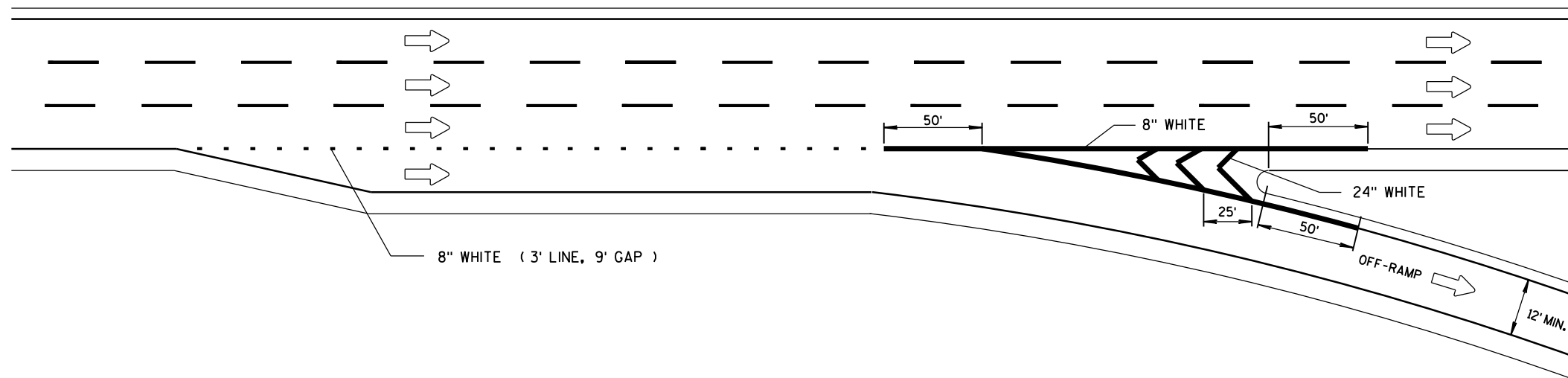
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

→ DIRECTION OF TRAVEL

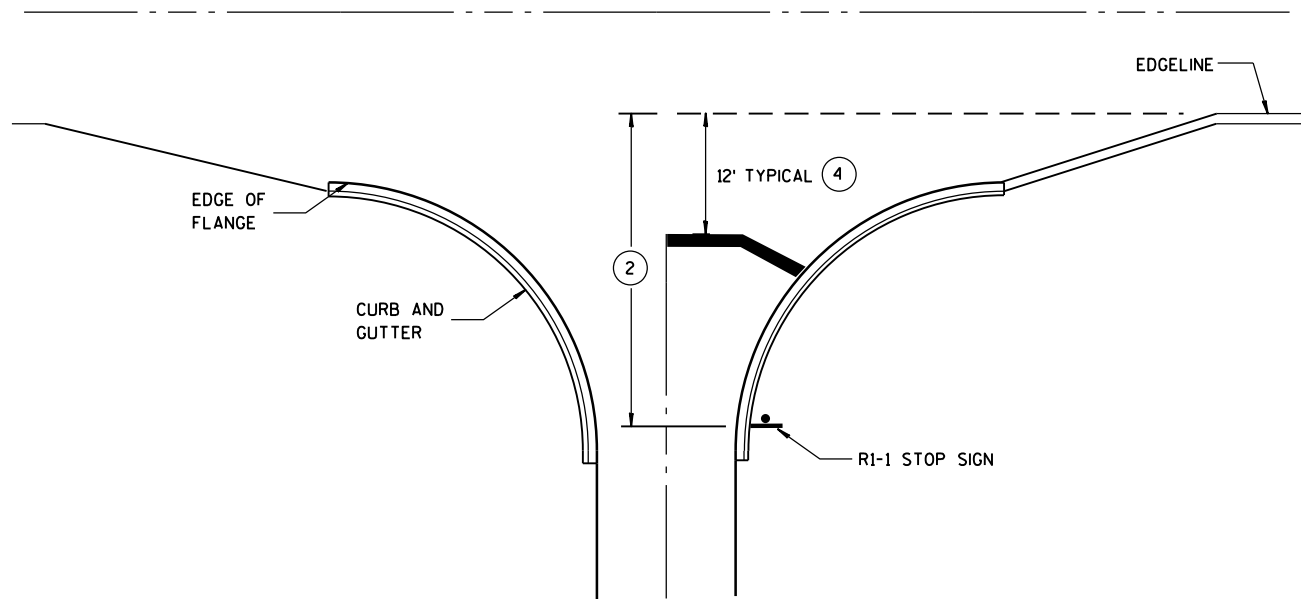
PAVEMENT MARKING FOR EXIT RAMP



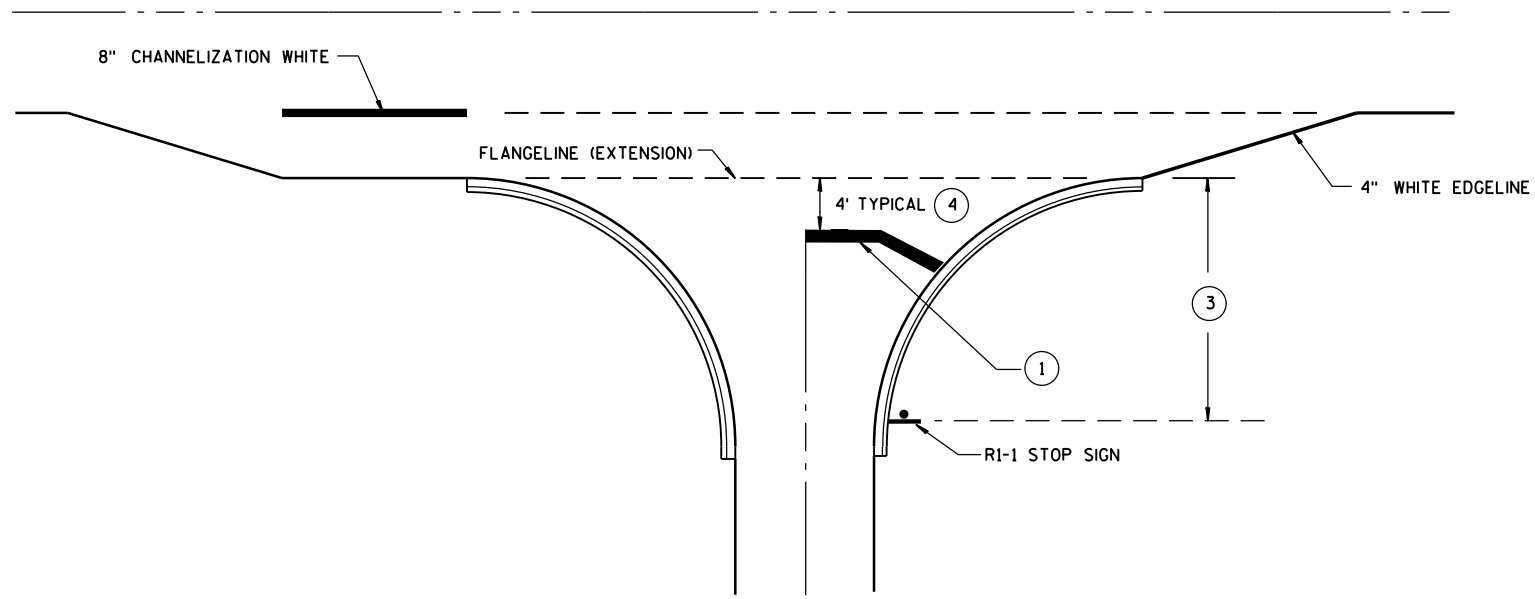
SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING
(RAMPS AND GOES)

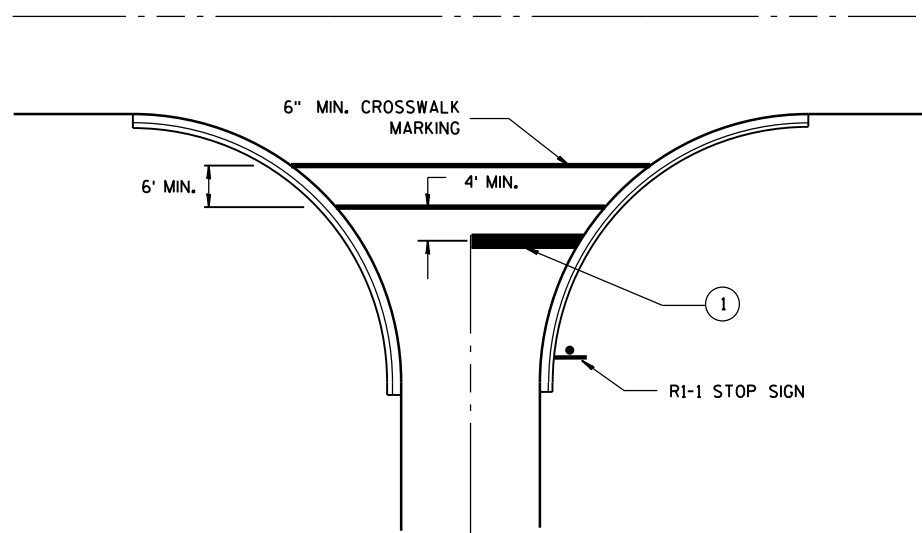
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



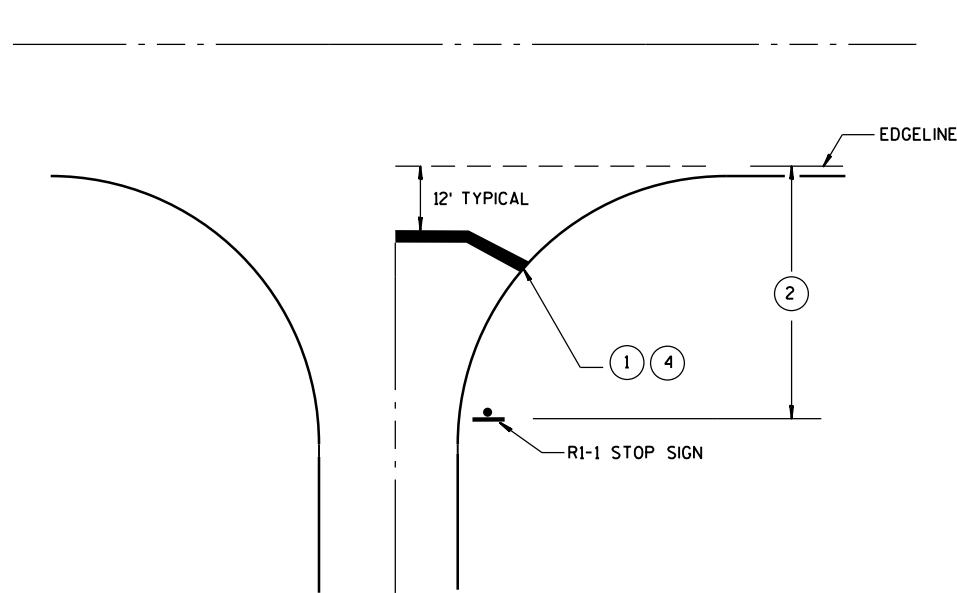
TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH CROSSWALK MARKING

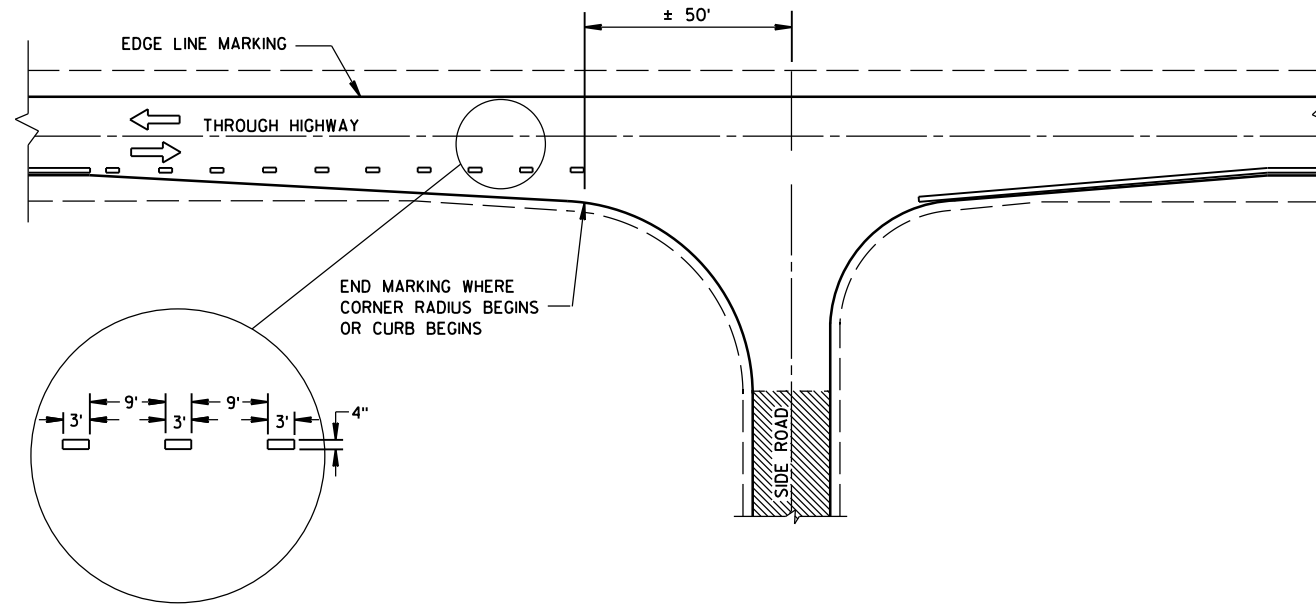


TYPICAL STOP LINE PAVEMENT MARKING
WITHOUT CURB AND GUTTER

GENERAL NOTES

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGE LINE THAN NO STOP LINE IS REQUIRED.
- 3 IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- 4 MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4-18-2016 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	




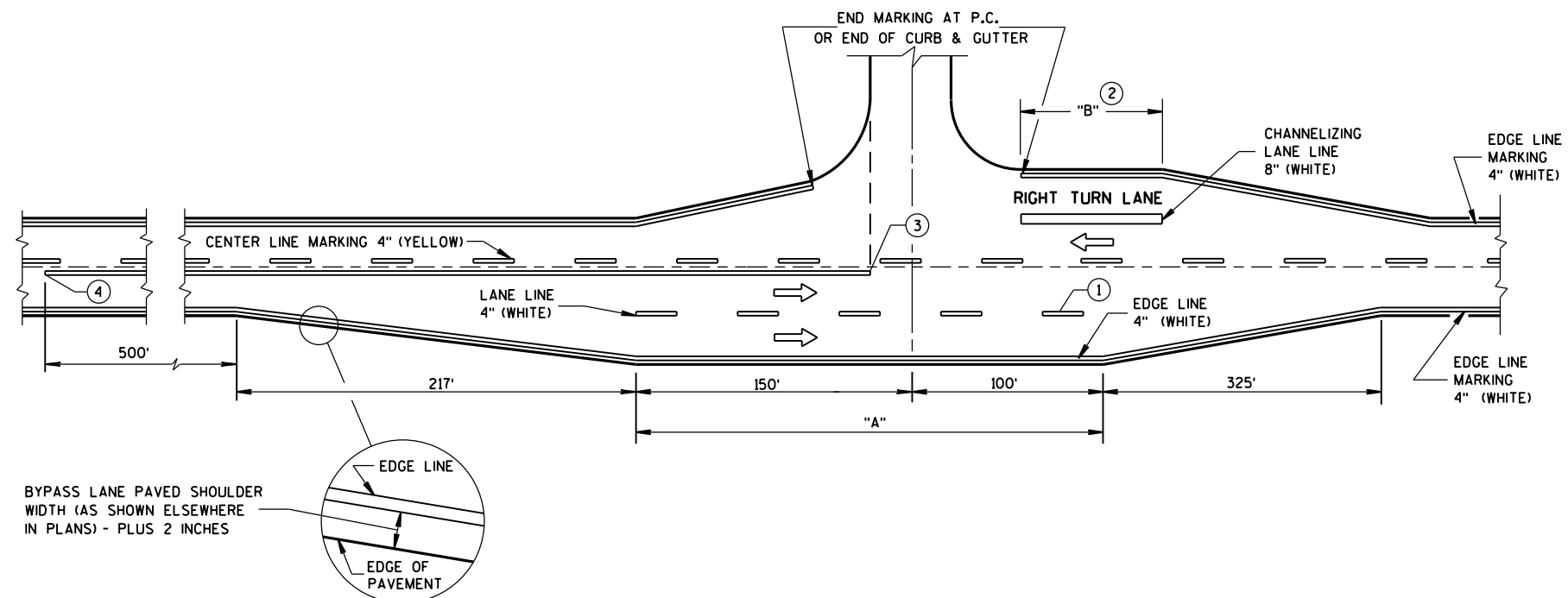
MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- ③ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL



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

**PAVEMENT MARKING
(INTERSECTIONS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"W0" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

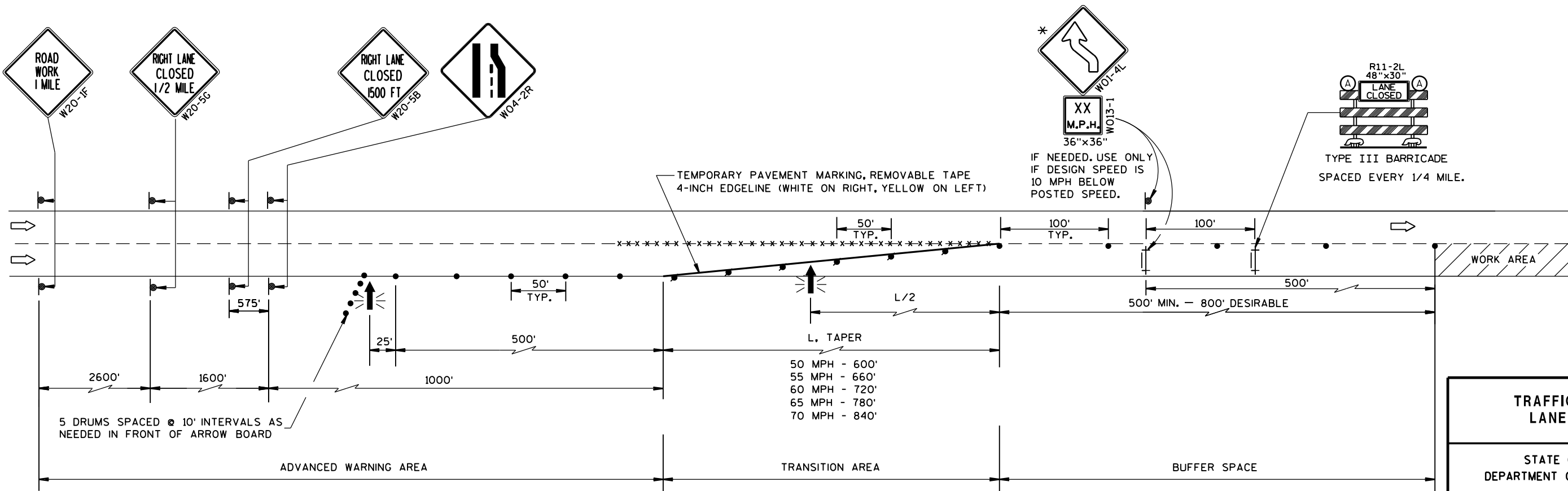
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED March 2016 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"W0" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

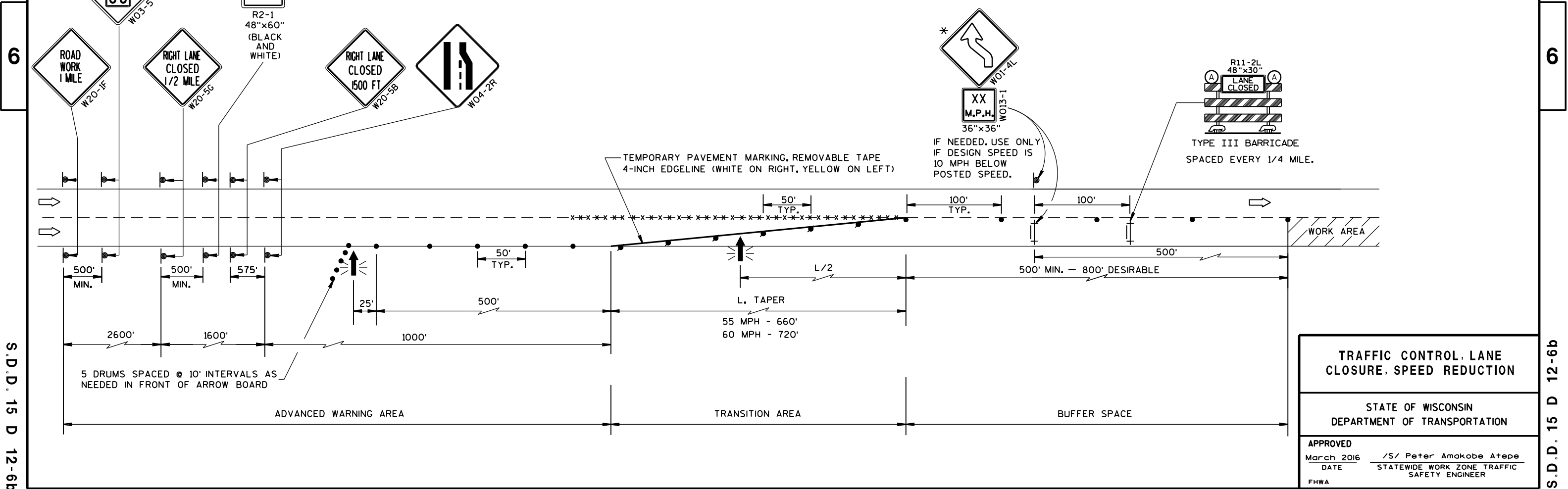
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

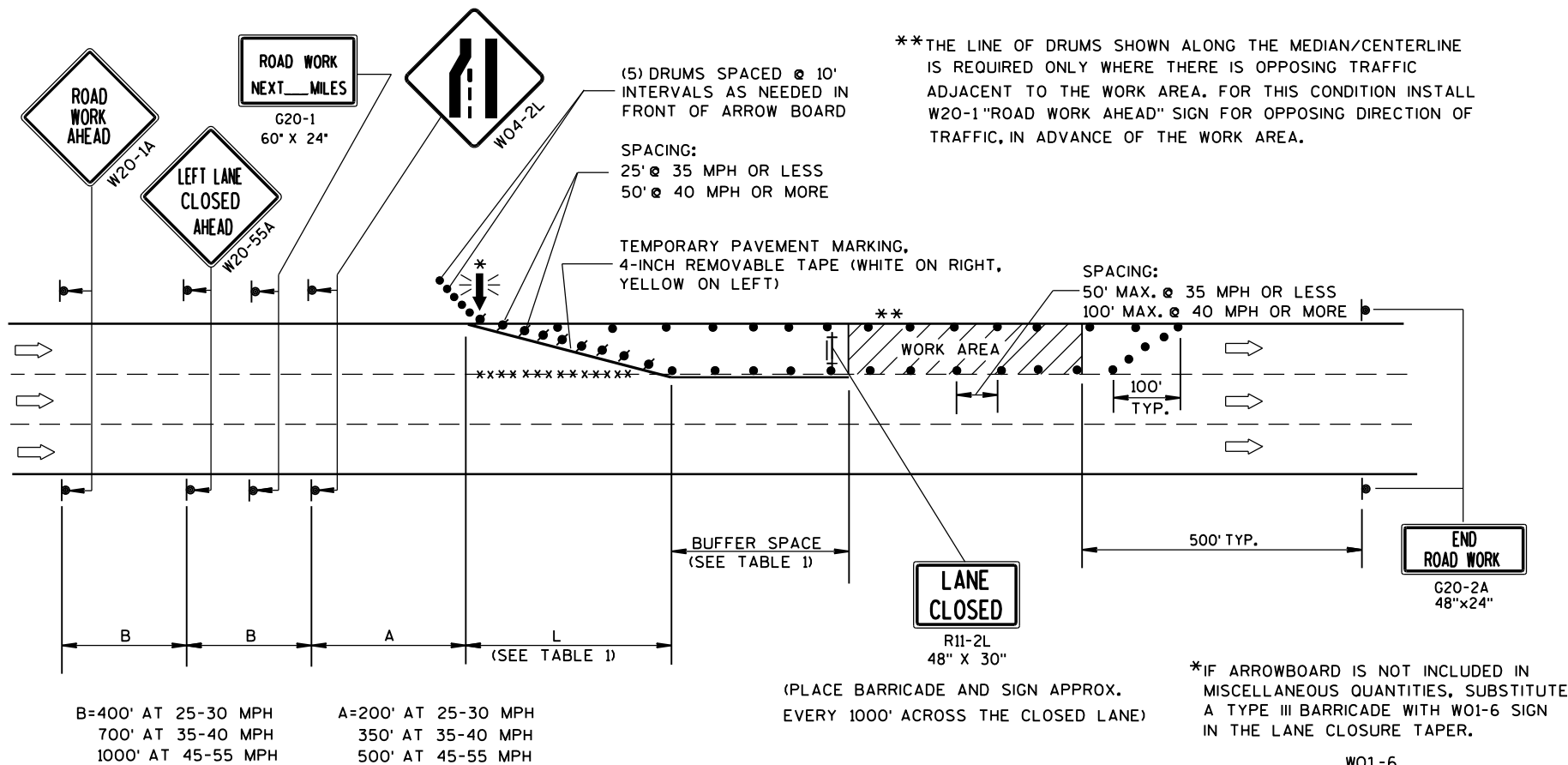
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

** A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIREABLE) BEYOND THE "END OF ROADWORK" SIGN.



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED March 2016 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	



GENERAL NOTES

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

PLACE THE ARROWBOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

TABLE 1
TAPER AND BUFFER SPACE
FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

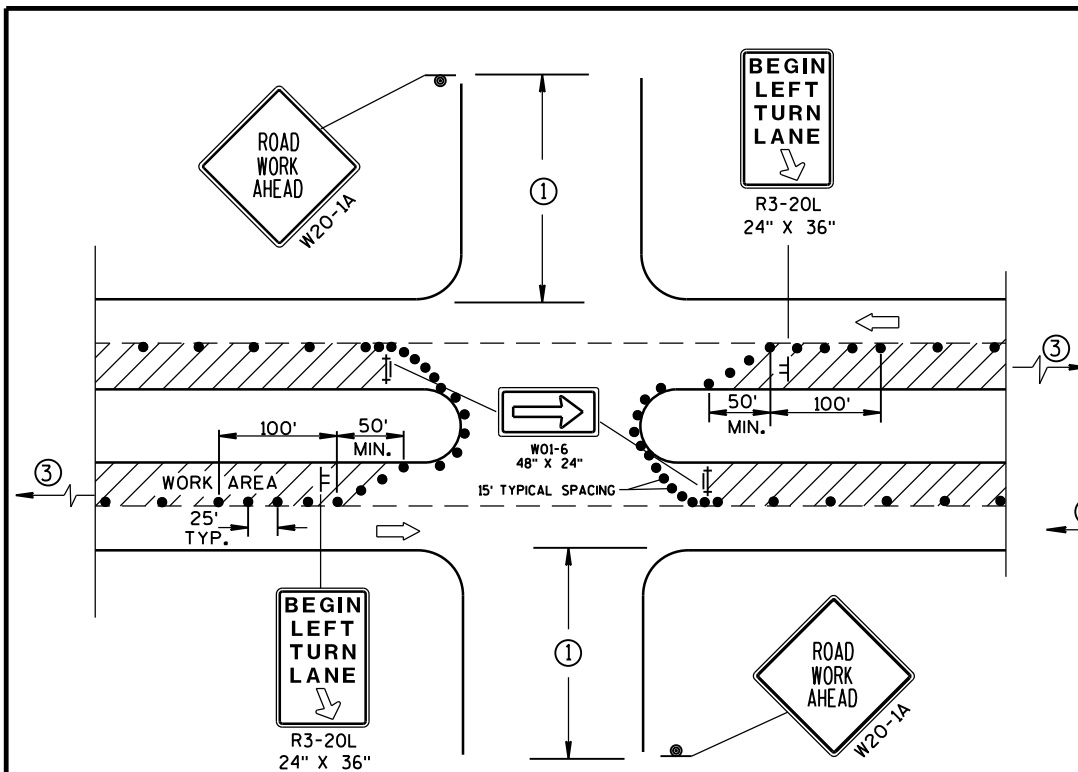
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

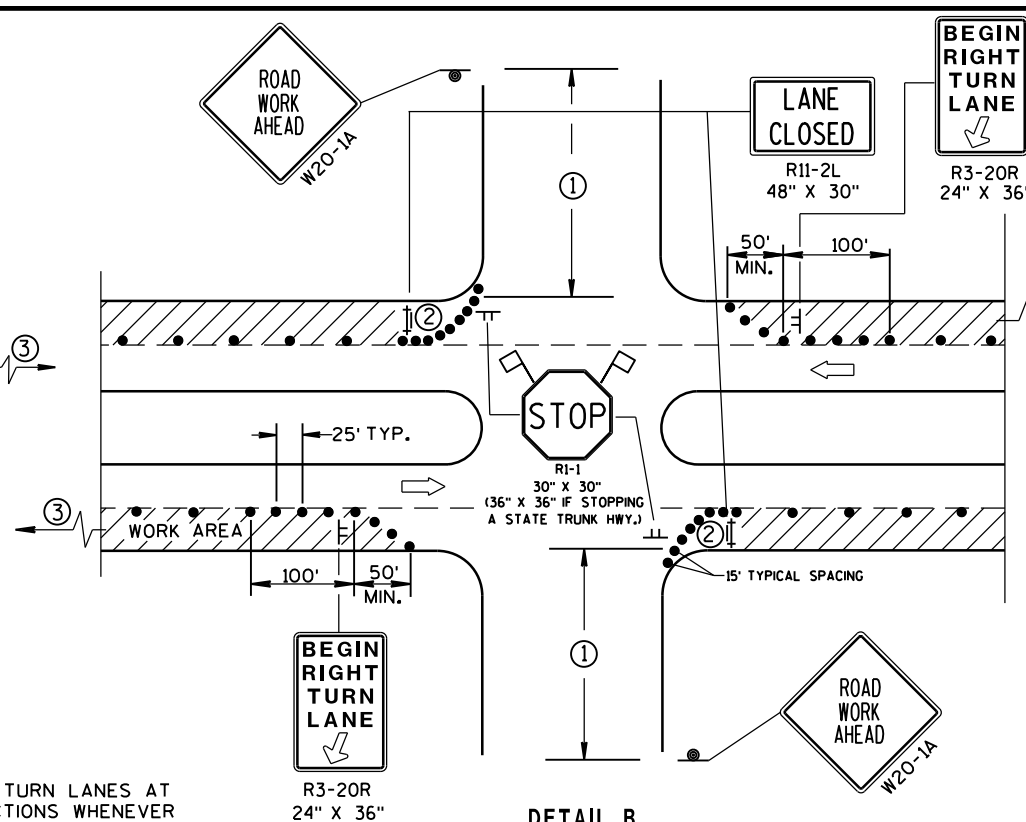
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2016 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	



DETAIL A
FOR LEFT LANE CLOSURE AT
INTERSECTION OR MEDIAN OPENING

PROVIDE TURN LANES AT
INTERSECTIONS WHENEVER
STAGING OF WORK ALLOWS.
TAPER AND TURN LANE
LENGTHS BASED ON FIELD
CONDITIONS AS APPROVED
BY THE ENGINEER.



DETAIL B
FOR RIGHT LANE CLOSURE
AT INTERSECTION

GENERAL NOTES

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

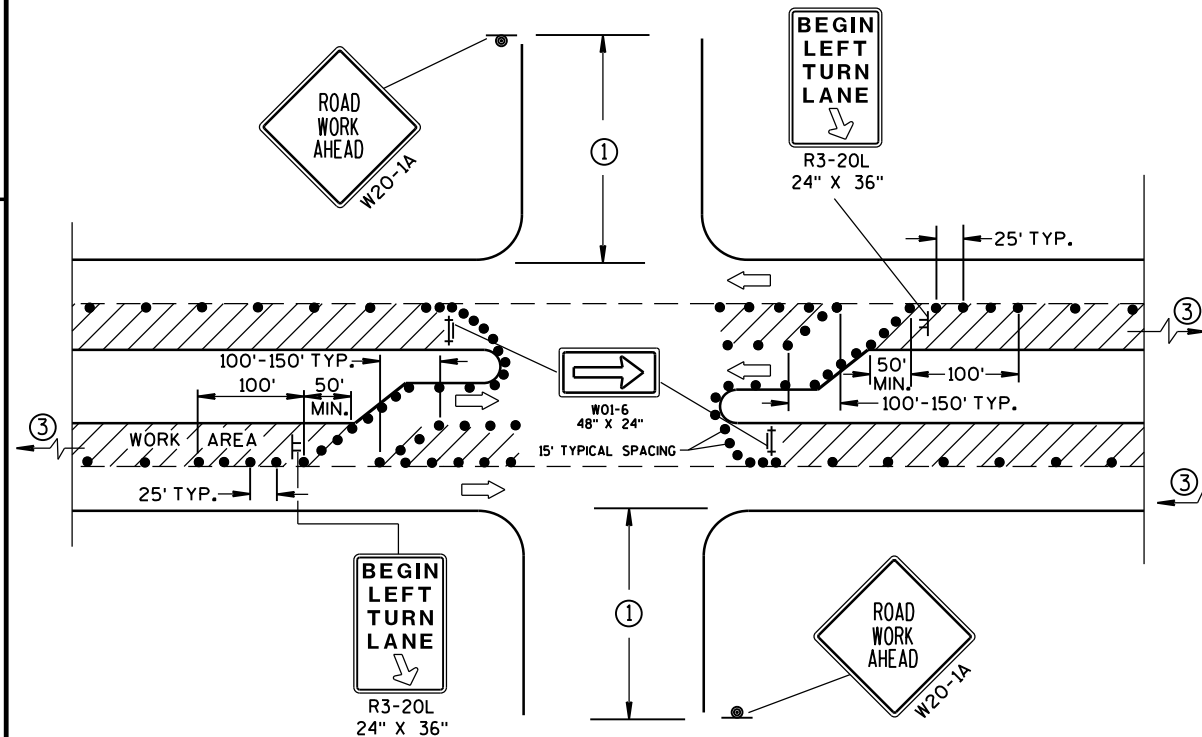
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

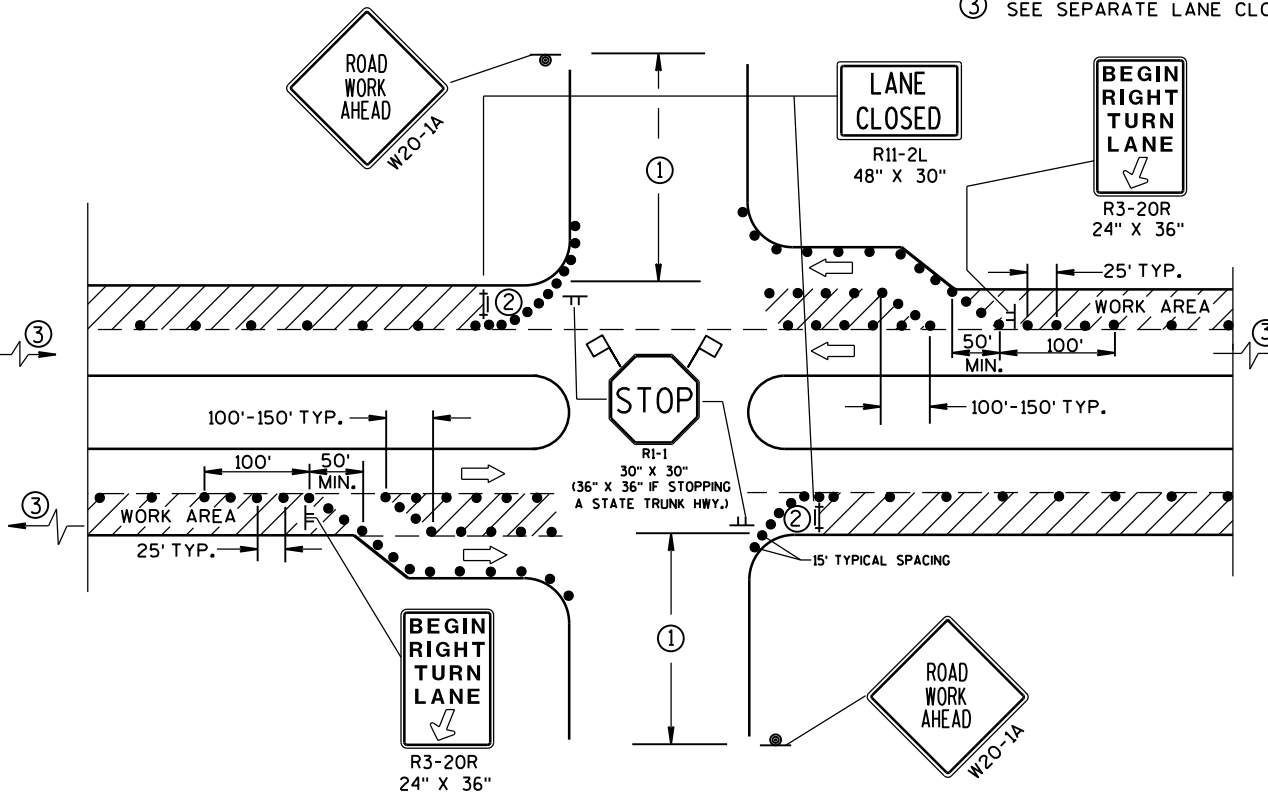
- ① 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35-40 MPH.
200' IF 25-30 MPH.
- ② ALSO USE BARRICADE AND 15-FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.
- ③ SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

LEGEND

- TRAFFIC CONTROL DRUM
- ⊙ SIGN ON PERMANENT SUPPORT
- ⊢ SIGN ON TEMPORARY SUPPORT (5' MIN. MOUNTING HEIGHT)
- ⊢ TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE "A" WARNING LIGHT (FLASHING)
- ➡ DIRECTION OF TRAFFIC
- ⚑ FLAGS, 16" X 16" MIN., (ORANGE)
- ▨ WORK AREA



DETAIL C
FOR LEFT LANE CLOSURE AT INTERSECTION OR
MEDIAN OPENING (WITH LEFT TURN BAY OPEN)



DETAIL D
FOR RIGHT LANE CLOSURE AT INTERSECTION
(WITH RIGHT TURN BAY OPEN)

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 /S/ Peter Anakobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER

GENERAL NOTES

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

TABLE A

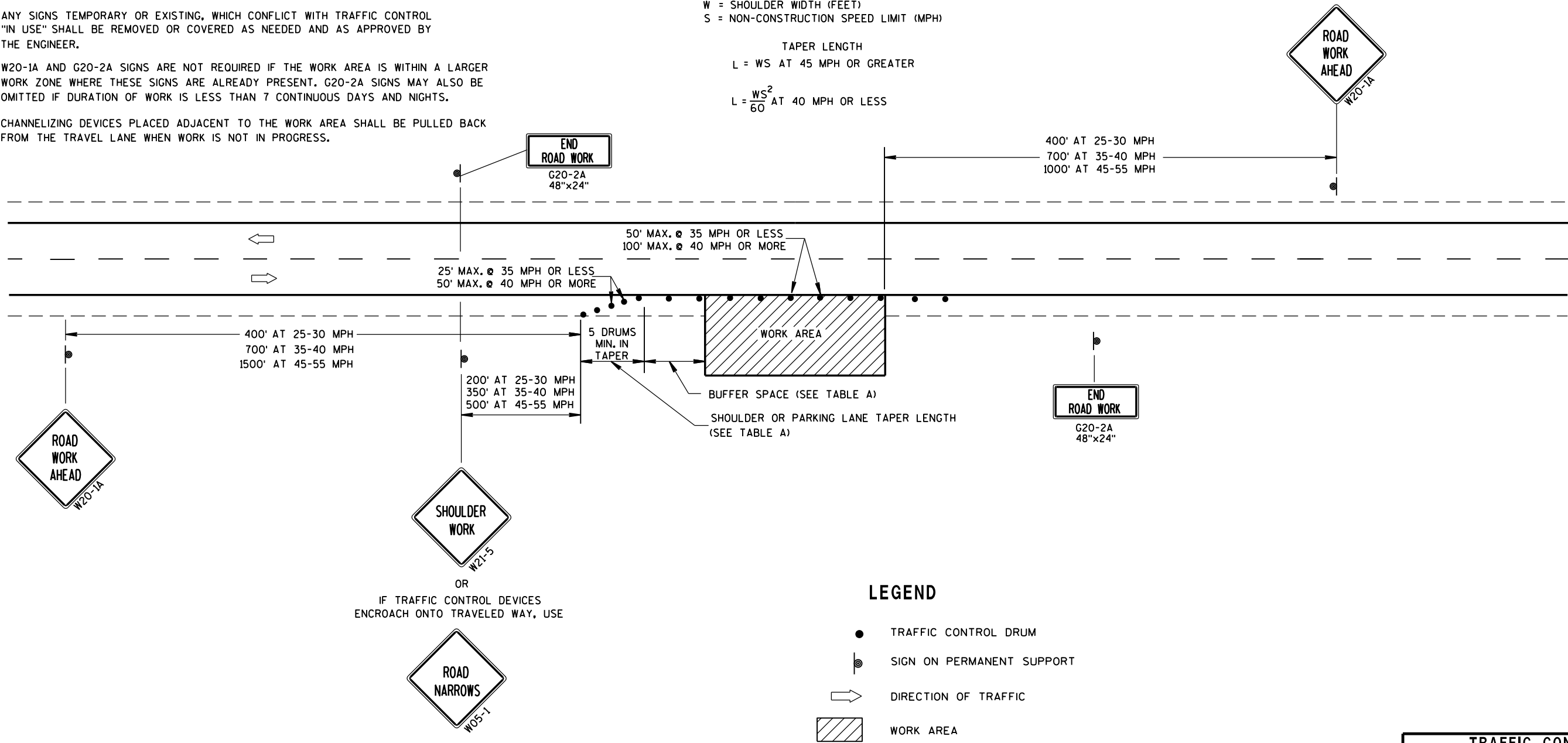
SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH
L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

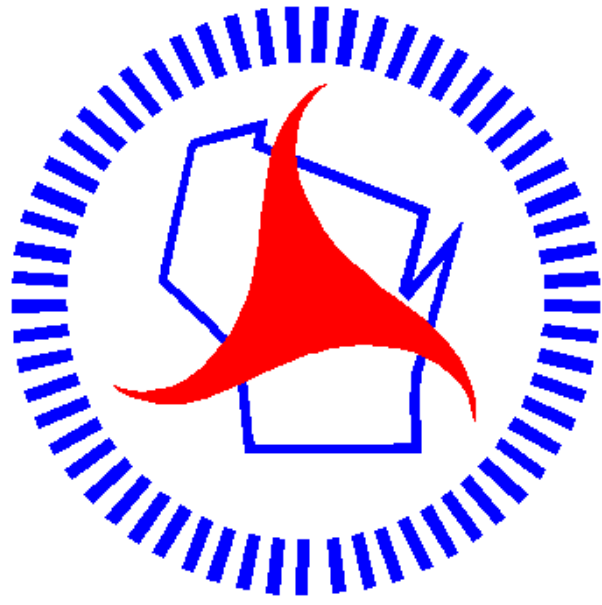
SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

- TRAFFIC CONTROL DRUM
- ⦿ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ▨ WORK AREA

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED July 14, 2015 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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