

GRE

PROJECT ID: 1009-33-29

WITH: N/A

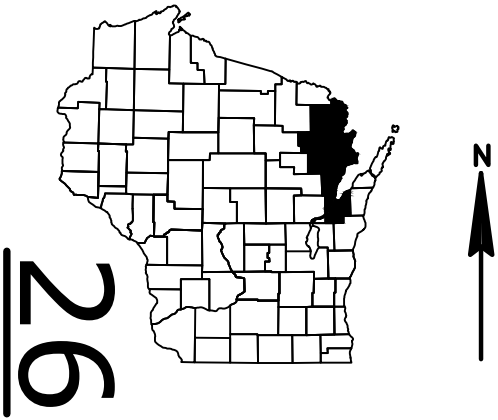
COUNTY: NE REGION WIDE

MARCH 2019

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
<del>Section No.</del>	<del>4</del>	<del>Right of Way Plat</del>
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
<del>Section No.</del>	<del>7</del>	<del>Sign Plates</del>
<del>Section No.</del>	<del>8</del>	<del>Structure Plans</del>
<del>Section No.</del>	<del>9</del>	<del>Computer Earthwork Data</del>
<del>Section No.</del>	<del>9</del>	<del>Gross Sections</del>

TOTAL SHEETS = 40



CONVENTIONAL SYMBOLS

<u>PLAN</u>		<u>PROFILE</u>
CORPORATE LIMITS		GRADE LINE
PROPERTY LINE		ORIGINAL GROUND
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH
EXISTING RIGHT OF WAY		
PROPOSED OR NEW R/W LINE		GRADE ELEVATION
SLOPE INTERCEPT		CULVERT (Profile View)
REFERENCE LINE		<u>UTILITIES</u>
EXISTING CULVERT		ELECTRIC
PROPOSED CULVERT (Box or Pipe)		FIBER OPTIC
COMBUSTIBLE FLUIDS		GAS
		SANITARY SEWER
MARSH AREA		STORM SEWER
		TELEPHONE
WOODED OR SHRUB AREA		WATER
		UTILITY PEDESTAL
		POWER POLE
		TELEPHONE POLE

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY REHABILITATION-MAINTENANCE PROJECT

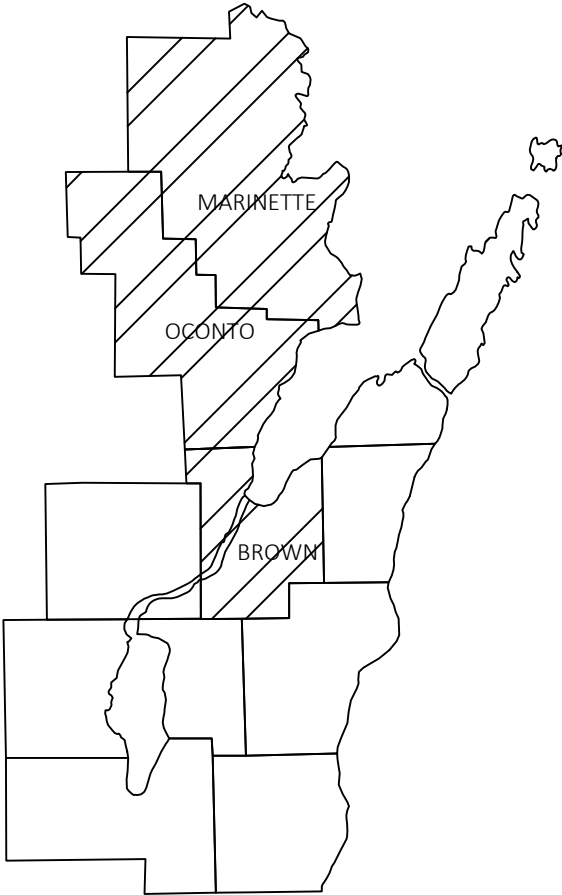
NE REGION WIDE DECK SEALING FY19

VARIOUS ROUTES STH

VARIOUS HIGHWAYS

NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-33-29



SCALE 0 30 MI

TOTAL NET LENGTH OF CENTERLINE = N/A

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-33-29		

GENERAL NOTES

THERE ARE NO UTILITY ADJUSTMENTS NECESSARY TO ACCOMMODATE THE WORK UNDER THIS PROJECT.

DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	B. HARDY
Project Manager	J. ASHAUER
Regional Examiner	
Regional Supervisor	R. WAGNER

APPROVED FOR THE DEPARTMENT

DATE: 1-10-19

Signature

E

TRAFFIC CONTROL NOTES

ARROW BOARDS SHALL BE A MINIMUM TYPE B WITH A SIZE 60"X30".

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSTRUCTED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VEHICLE WHEN WORK IS NOT IN PROGRESS.

SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING FLASHING OSCILLATING OR STROBE LIGHTS.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

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

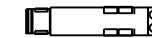
THE LANE CLOSURE IS TYPICAL FOR CLOSING LEFT LANE - REVERSE FOR CLOSING RIGHT LANE.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE VEHICLES FOR A MINIMUM OF 1500' IN FRONT OF SHADOW VEHICLE 1.

MULTIPLE PCMS MAY BE NECESSARY BASED ON ROADWAY GEOMETRICS AND LOCATION OF ENTRANCE RAMP OR SIDE ROADS.

LEGEND

PORTABLE CHANGEABLE MESSAGE BOARD



VEHICLE WITH HIGH-INTENSITY ROTATING FLASHING OSCILLATING OR STROBE LIGHTS



FLASHING ARROW BOARD



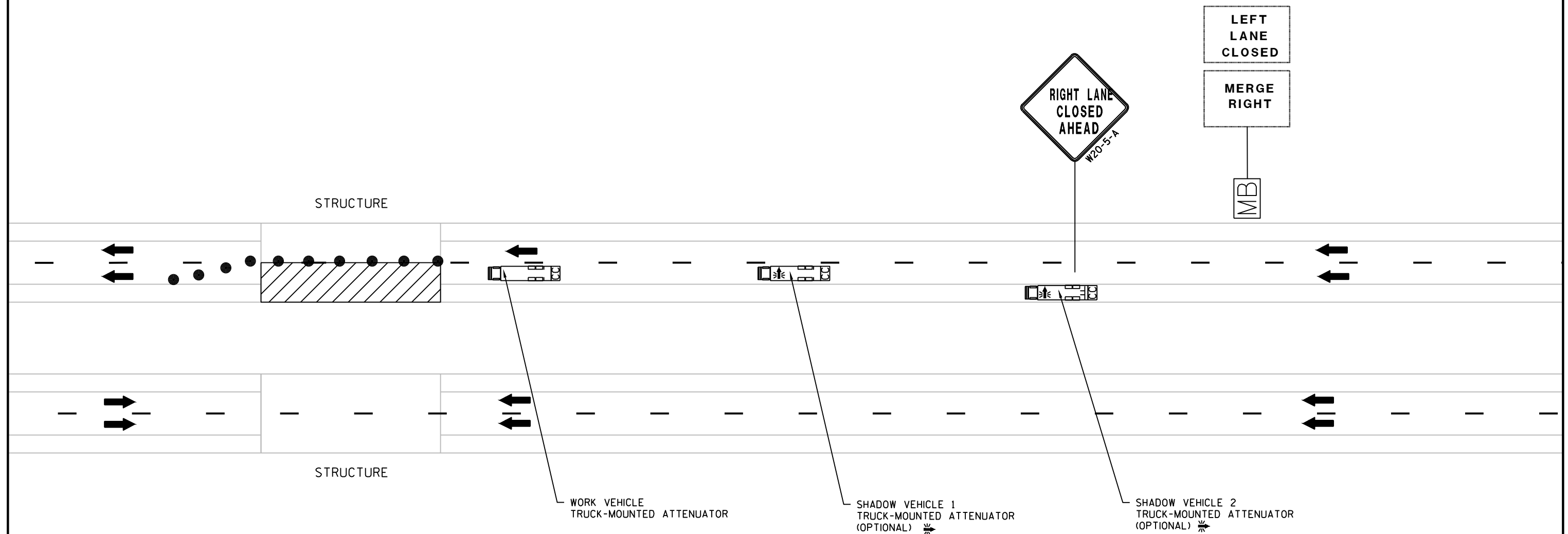
DRUM

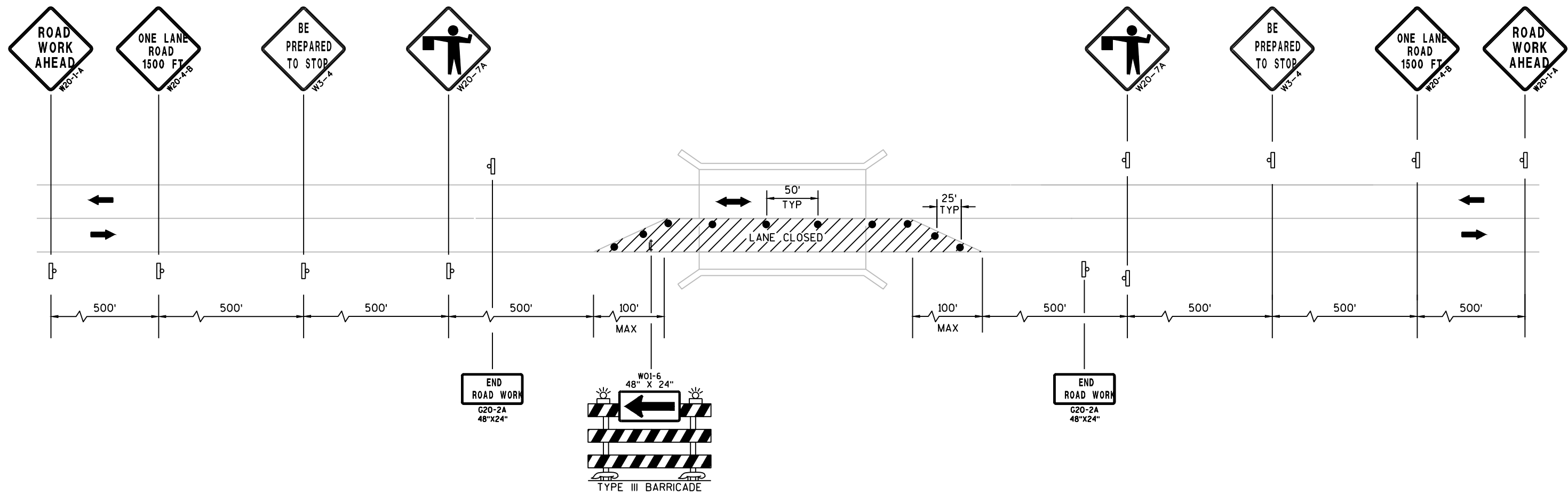


DIRECTION OF TRAFFIC



WORK AREA



TYPICAL LANE CLOSURETRAFFIC CONTROL 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 200' (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

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 DRUM SPACING MAY BE DECREASED TO 50'.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

LEGEND

-  TEMPORARY MOUNTED SIGN
-  TYPE III BARRICADE WITH SIGN
-  DIRECTION OF TRAFFIC
-  DRUM
-  WORK AREA

PROJECT NO:1009-33-29

HWY:VARIOUS

COUNTY:NORTHEAST REGION

TRAFFIC CONTROL

SHEET

E

## TRAFFIC CONTROL NOTES

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

ALL SIGNING INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE INCLUDING PRE-EXISTING SIGNING IN THE VICINITY SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

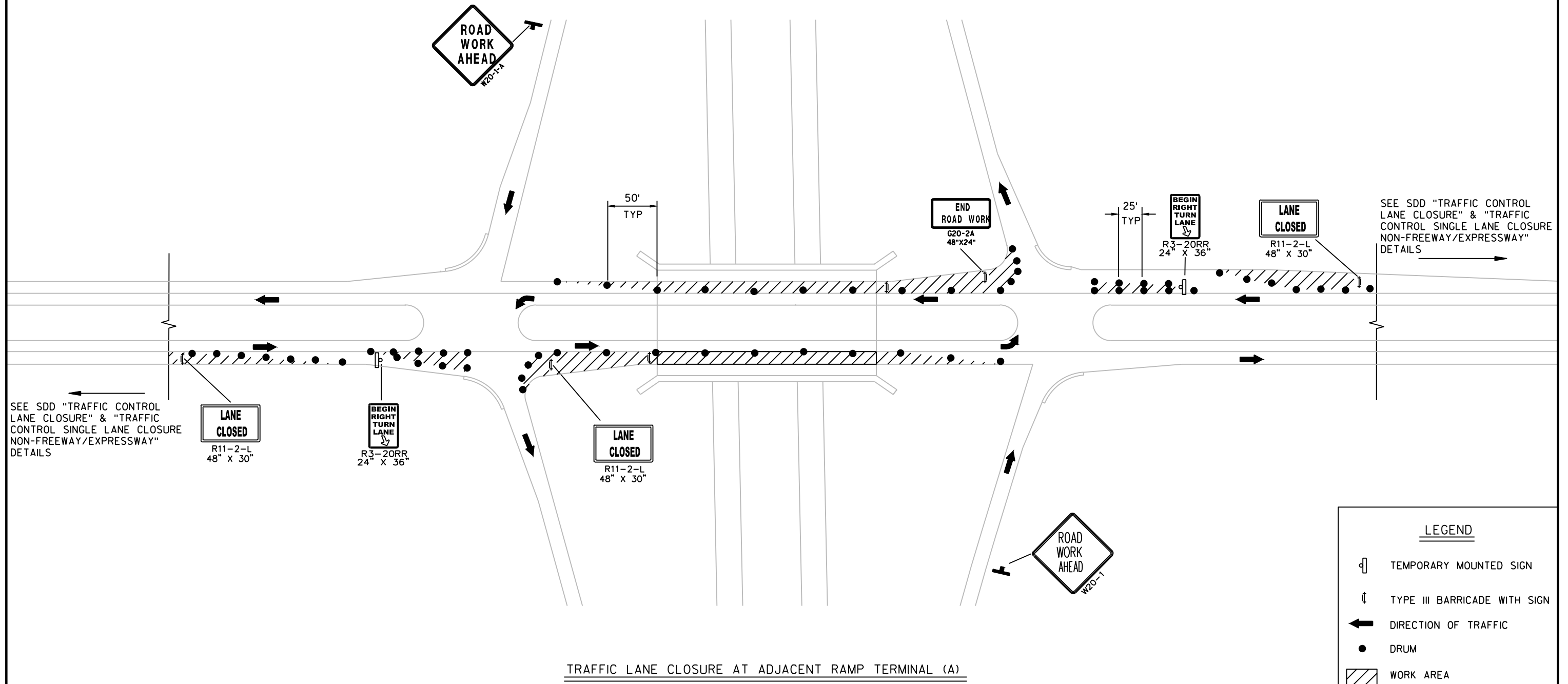
ALL "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH EXISTING SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

ADJUSTMENTS IN BUFFER SPACE SHOULD BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT SHOULD BE  $\frac{1}{2}$  THE LENGTH OF THE TRANSITION AREA.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.



TRAFFIC CONTROL NOTES

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

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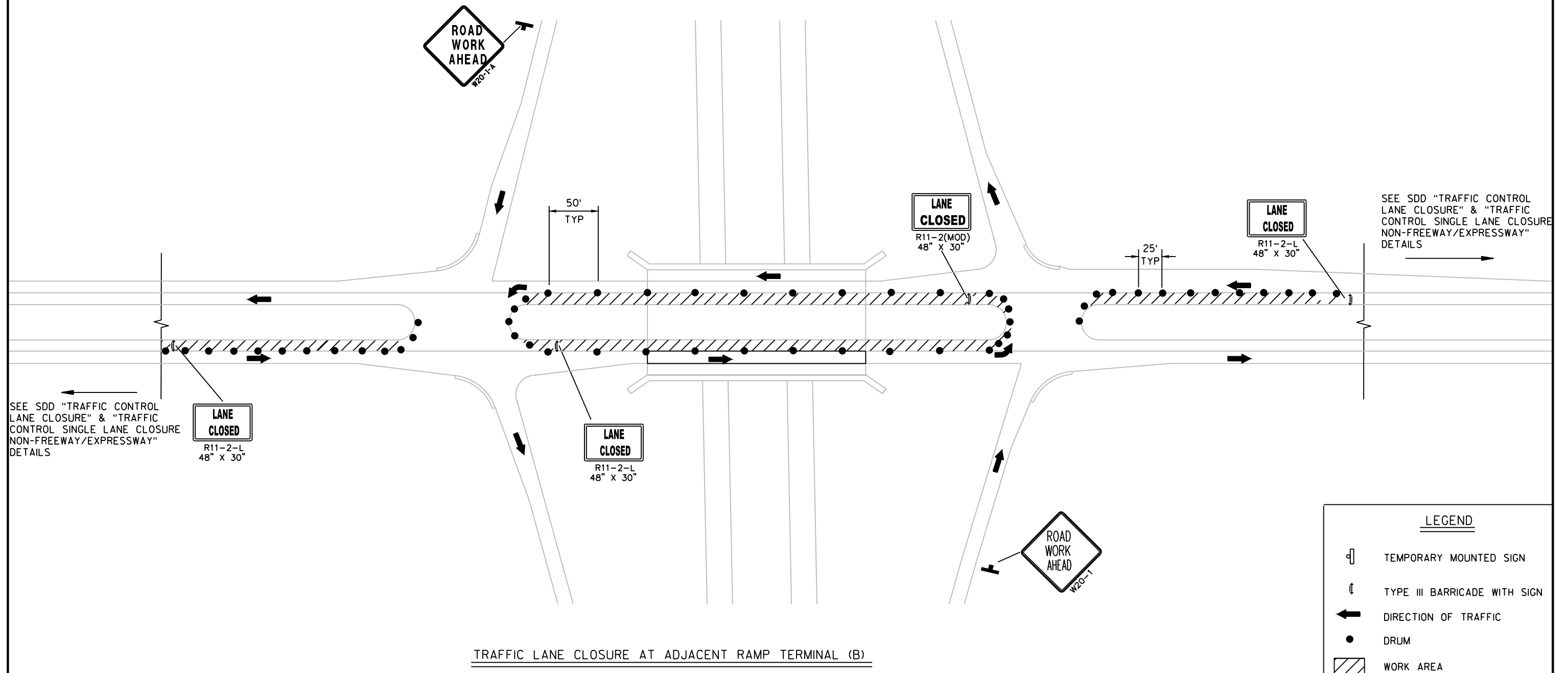
ALL "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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## LEGEND

- TEMPORARY MOUNTED SIGN  
TYPE III BARRICADE WITH SIGN  
DIRECTION OF TRAFFIC  
DRUM  
WORK AREA

SEE SDD "TRAFFIC CONTROL  
LANE CLOSURE" DETAIL

SEE SDD "TRAFFIC CONTROL  
LANE CLOSURE" DETAIL

## STAGE A

## STAGE B

## TRAFFIC CONTROL NOTES

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

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## TRAFFIC LANE CLOSURE AT ADJACENT ENTRANCE RAMP

PROJECT NO:1009-33-29

HWY:VARIOUS

COUNTY:NORTHEAST REGION

TRAFFIC CONTROL

SHEET

E

## LEGEND

- TEMPORARY MOUNTED SIGN  
TYPE III BARRICADE WITH SIGN  
DIRECTION OF TRAFFIC  
DRUM  
WORK AREA

## TRAFFIC CONTROL NOTES

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

ALL SIGNING INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE INCLUDING PRE-EXISTING SIGNING IN THE VICINITY SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

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

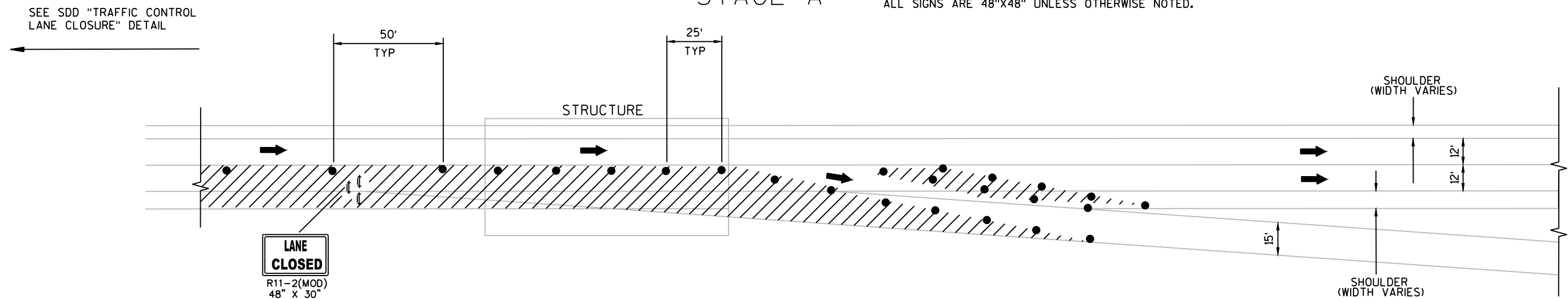
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH EXISTING SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

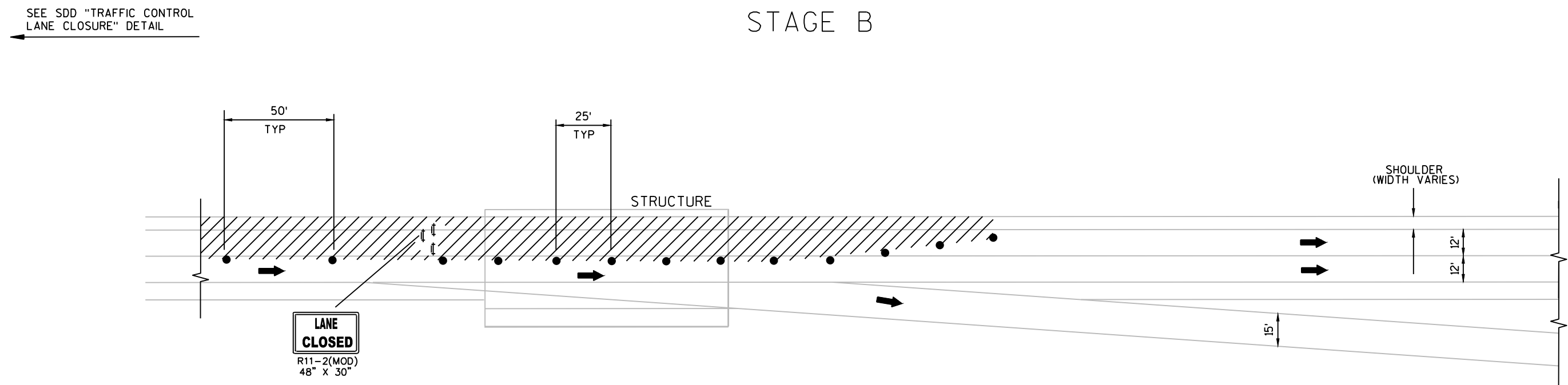
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## STAGE A



## STAGE B



TRAFFIC LANE CLOSURE AT ADJACENT EXIT RAMP

TRAFFIC CONTROL AND WORK RESTRICTIONS

COUNTY	BRIDGE NO.	BRIDGE NAME	ROUTE	ON / OVER HWY	TRAFFIC CONTROL	WORK RESTRICTIONS	WORK RESTRICTIONS	WORK RESTRICTIONS
STH 29 CORRIDOR								
BROWN	B-05-0269-01	FOX RIVER	STH 29 - WALNUT STREET	ON	LANE CLOSURE	MON-FRI: 3PM-6PM		
BROWN	B-05-0269-02	FOX RIVER	STH 29 - WALNUT STREET	ON	LANE CLOSURE	MON-FRI: 3PM-6PM		
BROWN	B-05-0269-03	FOX RIVER	STH 29 - WALNUT STREET	ON	LANE CLOSURE	MON-FRI: 3PM-6PM		

STH 32 CORRIDOR								
BROWN	B-05-0339	FOX RIVER	STH 32	ON	LANE CLOSURE	MON-FRI: 7AM-8PM		
OCONTO	B-42-0025	WAUPEE CREEK	STH 32	ON	FLAGGING OPERATION			
OCONTO	B-42-0028	N. BRANCH OCONTO RIVER	STH 32	ON	FLAGGING OPERATION			

STH 54 CORRIDOR								
BROWN	B-05-0637	MASON ST	STH 54	ON	LANE CLOSURE	MON-FRI: 8AM-9PM		

STH 64 CORRIDOR								
MARINETTE	B-38-0045	S. BRANCH BEAVER CREEK	STH 64	ON	FLAGGING OPERATION			
MARINETTE	B-38-0130	LITTLE PESHTIGO RIVER	STH 64	ON	FLAGGING OPERATION			
MARINETTE	B-38-0131	PESHTIGO RIVER	STH 64	ON	FLAGGING OPERATION			
OCONTO	B-42-0056	PESHTIGO RIVER	STH 64	ON	FLAGGING OPERATION			
OCONTO	B-42-0080	HILLS POND CREEK	STH 64	ON	FLAGGING OPERATION			
OCONTO	B-42-0085	SOUTH BR. OCONTO RIVER	STH 64	ON	FLAGGING OPERATION			
OCONTO	B-42-0086	SOUTH BR. OCONTO RIVER	STH 64	ON	FLAGGING OPERATION			

USH 8 CORRIDOR								
MARINETTE	B-38-0070	KC CREEK	USH 8	ON	FLAGGING OPERATION			
MARINETTE	B-38-0071	S. BRANCH PEMBONWON RIVER	USH 8	ON	FLAGGING OPERATION			
MARINETTE	B-38-0072	S. BRANCH PEMBONWON RIVER	USH 8	ON	FLAGGING OPERATION			

TRAFFIC CONTROL AND WORK RESTRICTIONS

COUNTY	BRIDGE NO.	BRIDGE NAME	ROUTE	ON / OVER HWY	TRAFFIC CONTROL	WORK RESTRICTIONS	WORK RESTRICTIONS	WORK RESTRICTIONS
USH 141 CORRIDOR								
MARINETTE	B-38-0035	MIDDLE INLET CREEK	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0036	UPPER INLET CREEK	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0037	LOWER MIDDLE INLET CREEK	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0048	PESHTIGO RIVER	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0082	S. BRANCH BEAVER CREEK	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0083	PIKE RIVER	USH 141	ON	FLAGGING OPERATION			
MARINETTE	B-38-0091	CTH B	USH 141	OVER	FLAGGING OPERATION			
MARINETTE	B-38-0092	LITTLE PESHTIGO RIVER	USH 141 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0093	LITTLE PESHTIGO RIVER	USH 141 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0094	CTH Q	USH 141	OVER	FLAGGING OPERATION			
MARINETTE	B-38-0095	OLD 141 (CTH CP)	USH 141	OVER	FLAGGING OPERATION			
MARINETTE	B-38-0096	CEDAR SWAMP CREEK	USH 141 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0097	CEDAR SWAMP CREEK	USH 141 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0140	MENOMINEE RIVER	USH 141 - ROOSEVELT RD	ON	FLAGGING OPERATION			
OCONTO	B-42-0043	USH 141 NB	USH 141 SB/USH 41 NB RAMP	OVER	LANE SHIFT			
OCONTO	B-42-0044	USH 141 SB	USH 141 SB/USH 41 NB RAMP	OVER	LANE SHIFT			
OCONTO	B-42-0045	PENSAUKEE RIVER	USH 141 SB	ON	LANE CLOSURE	SUN: 11AM-3PM		
OCONTO	B-42-0046	PENSAUKEE RIVER	USH 141 NB	ON	LANE CLOSURE	FRI: 4PM-6PM		
OCONTO	B-42-0074	OCONTO RIVER	USH 141 NB	ON	LANE CLOSURE	FRI: 4PM-6PM		
OCONTO	B-42-0075	OCONTO RIVER	USH 141 SB	ON	LANE CLOSURE	SUN: 11AM-3PM		
OCONTO	B-42-0076	STH 22	USH 141 NB	ON	LANE CLOSURE	FRI: 4PM-6PM		
OCONTO	B-42-0077	STH 22	USH 141 SB	ON	LANE CLOSURE	SUN: 11AM-3PM		
OCONTO	B-42-0088	CTH A	USH 141	OVER	FLAGGING OPERATION			
OCONTO	B-42-0089	KELLY BROOK	USH 141 NB	ON	LANE CLOSURE			
OCONTO	B-42-0090	KELLY BROOK	USH 141 SB	ON	LANE CLOSURE			
OCONTO	B-42-0091	LITTLE RIVER	USH 141 NB	ON	LANE CLOSURE			
OCONTO	B-42-0092	LITTLE RIVER	USH 141 SB	ON	LANE CLOSURE			

TRAFFIC CONTROL AND WORK RESTRICTIONS

COUNTY	BRIDGE NO.	BRIDGE NAME	ROUTE	ON / OVER HWY	TRAFFIC CONTROL	WORK RESTRICTIONS	WORK RESTRICTIONS	WORK RESTRICTIONS
IH 41 CORRIDOR								
BROWN	B-05-0119	B41 SB RAMP	IH 41	OVER	LANE CLOSURE			
BROWN	B-05-0120	B41 NB RAMP	IH 41	OVER	LANE SHIFT			
BROWN	B-05-0143	STH 172	RAMP IH 41 S - STH 172	ON	LANE CLOSURE	MON-FRI: 7AM-8AM	MON-FRI:3PM-6PM	
BROWN	B-05-0144	STH 172 E	RAMP IH 41 N - STH 172	ON	LANE SHIFT			
BROWN	B-05-0162	CTH S	IH 41	OVER	FLAGGING OPERATION			
BROWN	B-05-0601	ASHWAUBENON CREEK	RAMP NB 41 TO CTH F	ON	LANE SHIFT			
BROWN	B-05-0603	ASHWAUBENON CREEK	IH 41 RAMP SB	ON	LANE CLOSURE	MON-FRI: 7AM-9AM		
BROWN	B-05-0604	ASHWAUBENON CREEK	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0605	ASHWAUBENON CREEK	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0606	CTH EE	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0607	CTH EE	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0608	CTH G	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0609	CTH G	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0610	CTH G	IH 41 SB	ON	LANE CLOSURE			
BROWN	B-05-0611	HANSEN ROAD	IH 41	ON	LANE CLOSURE			
BROWN	B-05-0612	ONEIDA STREET	IH 41 NB	ON	LANE SHIFT	MON-FRI: 6AM-8PM		
BROWN	B-05-0615	GLORY ROAD	IH 41	OVER	FLAGGING OPERATION			
BROWN	B-05-0616	PARKVIEW RD	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0617	PARKVIEW RD	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0618	ONEIDA STREET	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0619	ONEIDA STREET	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0621	PARKVIEW RD	IH 41 NB	ON	LANE CLOSURE	MON-FRI: 6AM-8PM		
BROWN	B-05-0622	STH 172	IH 41 NB	ON	LANE SHIFT			
BROWN	B-05-0623	STH 172	IH 41 NB	ON	LANE SHIFT			
BROWN	B-05-0624	STH 172	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0625	STH 172	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0626	STH 172	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0627	STH 172	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0628	CORMIER ROAD	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0629	CORMIER ROAD	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0630	MORRIS AVE	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0631	MORRIS AVE	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0632	LOMBARDI AVE	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0633	LOMBARDI AVE	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0634	9TH STREET	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0635	9TH STREET	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM

TRAFFIC CONTROL AND WORK RESTRICTIONS

COUNTY	BRIDGE NO.	BRIDGE NAME	ROUTE	ON / OVER HWY	TRAFFIC CONTROL	WORK RESTRICTIONS	WORK RESTRICTIONS	WORK RESTRICTIONS
IH 41 CORRIDOR - CONTINUED								
BROWN	B-05-0638	LARSEN ROAD	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0639	LARSEN ROAD	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0640	GBW R/R	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0641	GBW R/R	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0642	GBW R/R	IH 41 SB	ON	LANE CLOSURE	MON-FRI: 7AM-9AM		
BROWN	B-05-0644	STH 29 / SHAWANO AVE	IH 41 SB	ON	LANE CLOSURE	MON-FRI: 5AM-9PM		
BROWN	B-05-0645	STH 29 / SHAWANO AVE	IH 41 NB	ON	LANE CLOSURE	MON-FRI: 5AM-9PM		
BROWN	B-05-0646	LARSEN ROAD	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0647	LARSEN ROAD	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0654	GBW R/R	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0655	GBW R/R	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0666	MEMORIAL DRIVE	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0667	MEMORIAL DRIVE	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0668	VELP AVE	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0669	VELP AVE	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0672	CN RAILROAD	IH 41 SB RAMP TO VELP AVE	ON	LANE CLOSURE			
BROWN	B-05-0673	CN RAILROAD	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0674	CN RAILROAD	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0675	CN RAILROAD	IH 41 NB FROM VELP AVE	ON	LANE SHIFT	MON-FRI: 3PM-6PM		
BROWN	B-05-0676	IH 43	IH 41 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0677	IH 43	IH 41 NB	ON	LANE CLOSURE	SINGLE: MON-FRI: 7AM-9AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 6AM-8PM
BROWN	B-05-0682	DUCK CREEK	IH 41 SB - IH 141 SB	ON	LANE CLOSURE	SINGLE: MON-FRI: 6AM-8AM	SINGLE: MON-FRI: 2PM-6PM	DUAL: MON-FRI: 5AM-8PM
BROWN	B-05-0684	LAKEVIEW DR	IH 41	OVER	LANE SHIFT			

TRAFFIC CONTROL AND WORK RESTRICTIONS

COUNTY	BRIDGE NO.	BRIDGE NAME	ROUTE	ON / OVER HWY	TRAFFIC CONTROL	WORK RESTRICTIONS	WORK RESTRICTIONS	WORK RESTRICTIONS
USH 41 CORRIDOR								
BROWN	B-05-0312	BROWN ROAD	USH 41	OVER	FLAGGING OPERATION			
BROWN	B-05-0313	NORFIELD ROAD	USH 41	OVER	FLAGGING OPERATION			
BROWN	B-05-0685	LINEVILLE ROAD / CTH M	USH 41	OVER	LANE CLOSURE	MON-FRI: 3PM-6PM		
MARINETTE	B-38-0090	MENOMINEE RIVER	USH 41	ON	LANE CLOSURE	MON-FRI: 2PM-6PM		
MARINETTE	B-38-0101	CTH Y	USH 41	OVER	LANE SHIFT			
MARINETTE	B-38-0102	CN R/R	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0103	CN R/R	USH 41 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0104	HALE ROAD	USH 41	OVER	FLAGGING OPERATION			
MARINETTE	B-38-0105	PESHTIGO RIVER	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0106	PESHTIGO RIVER	USH 41 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0107	CTH B	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0108	CTH B	USH 41 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0109	OLD PESHTIGO RIVER	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0110	OLD PESHTIGO RIVER	USH 41 SB	ON	LANE CLOSURE			
MARINETTE	B-38-0111	CN R/R	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0112	CN R/R	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0113	HAYNES ROAD	USH 41 NB	ON	LANE CLOSURE			
MARINETTE	B-38-0114	HAYNES ROAD	USH 41 SB	ON	LANE CLOSURE			
OCONTO	B-42-0014	PENSAUKEE RIVER	USH 41 NB	ON	LANE CLOSURE			
OCONTO	B-42-0019	LITTLE SUAMICO RIVER	USH 41 SB	ON	LANE CLOSURE	MON-FRI: 5AM-9AM	MON-FRI: 2PM-5PM	
OCONTO	B-42-0042	USH 141 NB	USH 41 SB RAMP	OVER	LANE SHIFT			
OCONTO	B-42-0048	PENSAUKEE RIVER	USH 41 SB	ON	LANE CLOSURE			
OCONTO	B-42-0067	CTH S	USH 41	OVER	FLAGGING OPERATION			
OCONTO	B-42-0068	ALLEN ROAD	USH 41	OVER	FLAGGING OPERATION			
OCONTO	B-42-0070	GEONO BEACH ROAD	USH 41	OVER	FLAGGING OPERATION			
OCONTO	B-42-0071	CTH D	USH 41	OVER	FLAGGING OPERATION			
OCONTO	B-42-0072	OAK ORCHARD ROAD	USH 41	OVER	FLAGGING OPERATION			
OCONTO	B-42-0079	LITTLE SUAMICO RIVER	USH 41 NB	ON	LANE CLOSURE	MON-FRI: 1PM-6PM		
OCONTO	B-42-0110	USH 41 SB RAMP	USH 41 RAMP	OVER	LANE SHIFT			
OCONTO	B-42-0111	OCONTO RIVER	USH 41 SB	ON	LANE CLOSURE			
OCONTO	B-42-0112	OCONTO RIVER	USH 41 NB	ON	LANE CLOSURE			
OCONTO	B-42-0114	STH 22	USH 41 SB	ON	LANE CLOSURE			
OCONTO	B-42-0115	STH 22	USH 41 NB	ON	LANE CLOSURE			
OCONTO	B-42-0116	SOUTH RANGE LINE ROAD	USH 41 SB	ON	LANE CLOSURE			
OCONTO	B-42-0117	SOUTH RANGE LINE ROAD	USH 41 NB	ON	LANE CLOSURE			
OCONTO	B-42-0118	USH 41 SB RAMP	USH 41 SB RAMP	OVER	LANE SHIFT			

Estimate Of Quantities

1009-33-29

Line	Item	Item Description	Unit	Total	Qty
0002	502.3215.S	Protective Surface Treatment Reseal	SY	208,717.000	208,717.000
0004	619.1000	Mobilization	EACH	1.000	1.000
0006	643.1050	Traffic Control Signs PCMS	DAY	80.000	80.000
0008	SPV.0105	Special 01. Traffic Control Backbone Routes	LS	1.000	1.000
0010	SPV.0105	Special 02. Traffic Control 3R Routes	LS	1.000	1.000

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDIAN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	Remarks
0010	BROWN	IH 41	41	B41 SB RAMP	B- 05- 0119	441. 2	358	0	1, 961	2, 319	
0010	BROWN	IH 41	41	B41 NB RAMP	B- 05- 0120	183. 5	157	0	816	973	
0010	BROWN	RAMP IH 41 S - STH 172	41	STH 172	B- 05- 0143	201. 6	172	0	986	1, 158	
0010	BROWN	RAMP IH 41 N - STH 172	41	STH 172 E	B- 05- 0144	229. 1	196	0	789	985	
0010	BROWN	IH 41	41	CTH S	B- 05- 0162	211. 9	172	141	1, 389	1, 702	
0010	BROWN	RAMP NB 41 TO CTH F	41	ASHWAUBENON CREEK	B- 05- 0601	96. 9	95	0	301	396	
0010	BROWN	IH 41 RAMP SB	41	ASHWAUBENON CREEK	B- 05- 0603	88. 1	86	0	352	439	
0010	BROWN	IH 41 SB	41	ASHWAUBENON CREEK	B- 05- 0604	94. 4	96	0	679	775	
0010	BROWN	IH 41 NB	41	ASHWAUBENON CREEK	B- 05- 0605	94. 4	96	0	679	775	
0010	BROWN	IH 41 SB	41	CTH EE	B- 05- 0606	98. 2	108	0	837	945	
0010	BROWN	IH 41 NB	41	CTH EE	B- 05- 0607	98. 2	108	0	837	945	
0010	BROWN	IH 41 SB	41	CTH G	B- 05- 0608	148. 8	151	0	1, 071	1, 222	
0010	BROWN	IH 41 NB	41	CTH G	B- 05- 0609	148. 8	164	0	1, 133	1, 296	
0010	BROWN	IH 41 SB	41	CTH G	B- 05- 0610	148. 6	133	0	859	991	
0010	BROWN	IH 41	41	HANSEN ROAD	B- 05- 0611	375. 5	384	501	1, 836	2, 720	
0010	BROWN	IH 41 NB	41	ONEIDA STREET	B- 05- 0612	214. 0	214	0	932	1, 146	
0010	BROWN	IH 41	41	GLORY ROAD	B- 05- 0615	213. 8	219	317	1, 021	1, 557	
0010	BROWN	IH 41 SB	41	PARKVIEW RD	B- 05- 0616	115. 0	115	0	1, 183	1, 298	
0010	BROWN	IH 41 NB	41	PARKVIEW RD	B- 05- 0617	115. 0	115	0	831	946	
0010	BROWN	IH 41 SB	41	ONEIDA STREET	B- 05- 0618	116. 0	108	0	989	1, 097	
0010	BROWN	IH 41 NB	41	ONEIDA STREET	B- 05- 0619	116. 0	108	0	838	946	
0010	BROWN	IH 41 NB	41	PARKVIEW RD	B- 05- 0621	119. 0	111	0	635	746	
0010	BROWN	IH 41 NB	41	STH 172	B- 05- 0622	167. 0	156	0	720	876	
0010	BROWN	IH 41 NB	41	STH 172	B- 05- 0623	187. 5	175	0	810	985	
0010	BROWN	IH 41 SB	41	STH 172	B- 05- 0624	167. 0	156	0	1, 642	1, 798	
0010	BROWN	IH 41 NB	41	STH 172	B- 05- 0625	167. 0	156	0	1, 201	1, 356	
0010	BROWN	IH 41 SB	41	STH 172	B- 05- 0626	187. 5	175	0	1, 846	2, 021	
0010	BROWN	IH 41 NB	41	STH 172	B- 05- 0627	192. 4	235	0	1, 384	1, 619	
0010	BROWN	IH 41 SB	41	CORMIER ROAD	B- 05- 0628	99. 0	119	0	977	1, 096	
0010	BROWN	IH 41 NB	41	CORMIER ROAD	B- 05- 0629	99. 0	119	0	977	1, 096	
0010	BROWN	IH 41 SB	41	MORRIS AVE	B- 05- 0630	99. 0	119	0	1, 042	1, 161	

BROWN COUNTY SUBTOTAL37, 385

\* SURFACE AREA (INSIDE FACE AND TOP)

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDIAN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	Remarks
0010	BROWN	I H 41 NB	41	MORRIS AVE	B- 05- 0631	99. 0	119	0	976	1, 095	
0010	BROWN	I H 41 SB	41	LOMBARDI AVE	B- 05- 0632	150. 0	160	0	1, 280	1, 440	
0010	BROWN	I H 41 NB	41	LOMBARDI AVE	B- 05- 0633	150. 0	160	0	1, 280	1, 440	
0010	BROWN	I H 41 SB	41	9TH STREET	B- 05- 0634	92. 6	99	0	995	1, 094	
0010	BROWN	I H 41 NB	41	9TH STREET	B- 05- 0635	92. 3	98	0	910	1, 008	
0010	BROWN	STH 54	41	MASON ST	B- 05- 0637	212. 9	199	804	1, 609	2, 612	
0010	BROWN	I H 41 SB	41	LARSEN ROAD	B- 05- 0638	86. 8	91	0	601	692	
0010	BROWN	I H 41 NB	41	LARSEN ROAD	B- 05- 0639	86. 8	91	0	601	692	
0010	BROWN	I H 41 SB	41	GBW R/R	B- 05- 0640	295. 5	309	0	2, 036	2, 344	
0010	BROWN	I H 41 NB	41	GBW R/R	B- 05- 0641	294. 7	308	0	2, 030	2, 338	
0010	BROWN	I H 41 SB	41	GBW R/R	B- 05- 0642	316. 1	283	0	1, 475	1, 758	
0010	BROWN	I H 41 SB	41	STH 29 / SHAWANO AVE	B- 05- 0644	205. 9	198	0	1, 869	2, 067	
0010	BROWN	I H 41 NB	41	STH 29 / SHAWANO AVE	B- 05- 0645	205. 9	198	0	2, 068	2, 266	
0010	BROWN	I H 41 SB	41	LARSEN ROAD	B- 05- 0646	86. 8	78	0	637	714	
0010	BROWN	I H 41 NB	41	LARSEN ROAD	B- 05- 0647	86. 8	78	0	521	598	
0010	BROWN	I H 41 SB	41	GBW R/R	B- 05- 0654	295. 3	264	0	1, 839	2, 103	
0010	BROWN	I H 41 NB	41	GBW R/R	B- 05- 0655	295. 0	264	0	1, 929	2, 193	
0010	BROWN	I H 41 SB	41	MEMORIAL DRIVE	B- 05- 0666	382. 0	388	0	3, 767	4, 155	
0010	BROWN	I H 41 NB	41	MEMORIAL DRIVE	B- 05- 0667	275. 8	280	0	2, 720	3, 000	
0010	BROWN	I H 41 SB	41	VELP AVE	B- 05- 0668	148. 0	151	0	1, 459	1, 610	
0010	BROWN	I H 41 NB	41	VELP AVE	B- 05- 0669	151. 0	154	0	1, 242	1, 396	
0010	BROWN	I H 41 SB RAMP TO VELP AVE	41	CN RAILROAD	B- 05- 0672	1, 012. 0	945	0	4, 048	4, 993	
0010	BROWN	I H 41 SB	41	CN RAILROAD	B- 05- 0673	150. 0	140	0	1, 033	1, 173	
0010	BROWN	I H 41 NB	41	CN RAILROAD	B- 05- 0674	150. 0	140	0	1, 033	1, 173	
0010	BROWN	I H 41 NB FROM VELP AVE	41	CN RAILROAD	B- 05- 0675	150. 0	140	0	455	595	
0010	BROWN	I H 41 SB	41	I H 43	B- 05- 0676	124. 8	116	0	860	976	
0010	BROWN	I H 41 NB	41	I H 43	B- 05- 0677	233. 0	217	0	1, 916	2, 133	
0010	BROWN	I H 41 SB - USH 141 SB	41	DUCK CREEK	B- 05- 0682	503. 6	432	0	14, 932	15, 364	Median parapet gets finished on both sides and the top
0010	BROWN	I H 41	41	LAKEVIEW DR	B- 05- 0684	175. 8	180	0	1, 172	1, 352	
0010	BROWN	USH 41	41	BROWN ROAD	B- 05- 0312	220. 5	179	321	1, 254	1, 754	
0010	BROWN	USH 41	41	NORFIELD ROAD	B- 05- 0313	214. 6	173	134	658	965	
0010	BROWN	USH 41	41	LINEVILLE ROAD / CTH M	B- 05- 0685	163. 0	188	616	1, 232	2, 036	

BROWN COUNTY SUBTOTAL										69, 128	
BROWN COUNTY PREVIOUS SHEET TOTAL										37, 385	
BROWN COUNTY TOTAL										106, 513	
* SURFACE AREA (INSIDE FACE AND TOP)											

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDIAN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	Remarks
0010	MARINETTE	USH 41	41	MENOMINEE RIVER	B- 38- 0090	868. 2	733	1, 479	5, 595	7, 807	
0010	MARINETTE	USH 41	41	CTH Y	B- 38- 0101	265. 6	221	600	2, 007	2, 828	
0010	MARINETTE	USH 41 NB	41	CN R/R	B- 38- 0102	174. 6	142	0	776	918	
0010	MARINETTE	USH 41 SB	41	CN R/R	B- 38- 0103	174. 6	142	0	776	918	
0010	MARINETTE	USH 41	41	HALE ROAD	B- 38- 0104	265. 3	215	0	1, 061	1, 276	
0010	MARINETTE	USH 41 NB	41	PESHTIGO RIVER	B- 38- 0105	454. 5	588	0	2, 020	2, 608	
0010	MARINETTE	USH 41 SB	41	PESHTIGO RIVER	B- 38- 0106	454. 5	369	0	2, 020	2, 389	
0010	MARINETTE	USH 41 NB	41	CTH B	B- 38- 0107	134. 2	109	0	614	723	
0010	MARINETTE	USH 41 SB	41	CTH B	B- 38- 0108	134. 2	109	0	614	723	
0010	MARINETTE	USH 41 NB	41	OLD PESHTIGO RIVER	B- 38- 0109	133. 9	109	0	595	704	
0010	MARINETTE	USH 41 SB	41	OLD PESHTIGO RIVER	B- 38- 0110	133. 9	109	0	744	852	
0010	MARINETTE	USH 41 NB	41	CN R/R	B- 38- 0111	346. 5	281	0	1, 540	1, 821	
0010	MARINETTE	USH 41 NB	41	CN R/R	B- 38- 0112	346. 5	281	0	2, 053	2, 334	
0010	MARINETTE	USH 41 NB	41	HAYNES ROAD	B- 38- 0113	173. 8	141	0	788	929	
0010	MARINETTE	USH 41 SB	41	HAYNES ROAD	B- 38- 0114	173. 8	141	0	788	929	
MARINETTE COUNTY TOTAL										27, 760	
* SURFACE AREA (INSIDE FACE AND TOP)											

3												3
	CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDIAN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	
	0010	OCONTO	USH 41 NB	41	PENSAUKEE RIVER	B- 42- 0014	130. 8	106	0	625	731	
	0010	OCONTO	USH 41 SB	41	LITTLE SUAMICO RIVER	B- 42- 0019	151. 0	129	0	671	800	
	0010	OCONTO	USH 41 SB RAMP	41	USH 141 NB	B- 42- 0042	141. 1	114	0	627	742	
	0010	OCONTO	USH 141 SB/USH 41 NB RAMP	41	USH 141 NB	B- 42- 0043	120. 6	98	0	362	460	
	0010	OCONTO	USH 141 SB/USH 41 NB RAMP	41	USH 141 SB	B- 42- 0044	134. 4	109	0	403	512	
	0010	OCONTO	USH 41 SB	41	PENSAUKEE RIVER	B- 42- 0048	133. 9	109	0	595	704	
	0010	OCONTO	USH 41	41	CTH S	B- 42- 0067	220. 5	179	426	1, 149	1, 754	
	0010	OCONTO	USH 41	41	ALLEN ROAD	B- 42- 0068	214. 6	173	135	658	966	
	0010	OCONTO	USH 41	41	GEONO BEACH ROAD	B- 42- 0070	214. 6	173	135	658	966	
	0010	OCONTO	USH 41	41	CTH D	B- 42- 0071	220. 5	179	426	1, 149	1, 754	
	0010	OCONTO	USH 41	41	OAK ORCHARD ROAD	B- 42- 0072	214. 6	173	133	658	964	
	0010	OCONTO	USH 41 NB	41	LITTLE SUAMICO RIVER	B- 42- 0079	165. 7	134	0	725	860	
	0010	OCONTO	USH 41 RAMP	41	USH 41 SB RAMP	B- 42- 0110	273. 3	222	0	881	1, 102	
	0010	OCONTO	USH 41 SB	41	OCONTO RIVER	B- 42- 0111	717. 9	582	0	3, 510	4, 092	
	0010	OCONTO	USH 41 NB	41	OCONTO RIVER	B- 42- 0112	739. 9	600	0	3, 617	4, 217	
	0010	OCONTO	USH 41 SB	41	STH 22	B- 42- 0114	184. 7	150	0	1, 221	1, 371	
	0010	OCONTO	USH 41 NB	41	STH 22	B- 42- 0115	184. 7	150	0	903	1, 053	
	0010	OCONTO	USH 41 SB	41	SOUTH RANGE LINE ROAD	B- 42- 0116	134. 9	109	0	610	719	
	0010	OCONTO	USH 41 NB	41	SOUTH RANGE LINE ROAD	B- 42- 0117	134. 9	109	0	610	719	
	0010	OCONTO	USH 41 SB RAMP	41	USH 41 SB RAMP	B- 42- 0118	269. 7	219	0	809	1, 028	
	OCONTO COUNTY TOTAL											25, 515
	* SURFACE AREA (INSIDE FACE AND TOP)											

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDI AN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	REMARKS
0020	BROWN	STH 29 - WALNUT STREET	29	FOX RIVER	B- 05- 0269- 01	299. 2	0	704	1, 729	2, 433	
0020	BROWN	STH 29 - WALNUT STREET	29	FOX RIVER	B- 05- 0269- 02	183. 0	0	437	358	795	
0020	BROWN	STH 29 - WALNUT STREET	29	FOX RIVER	B- 05- 0269- 03	176. 5	0	422	1, 020	1, 442	
0020	BROWN	STH 32	32	FOX RIVER	B- 05- 0339	1, 674. 0	0	4, 557	10, 788	15, 345	
BROWN COUNTY TOTAL										20, 015	
* SURFACE AREA (INSIDE FACE AND TOP)											

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDI AN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	REMARKS
0020	MARINETTE	USH 8	8	KC CREEK	B- 38- 0070	53. 4	43	0	210	253	
0020	MARINETTE	USH 8	8	S. BRANCH PEMBONWON RIVER	B- 38- 0071	44. 5	0	0	187	187	
0020	MARINETTE	USH 8	8	S. BRANCH PEMBONWON RIVER	B- 38- 0072	44. 5	0	0	187	187	
0020	MARINETTE	STH 64	64	S. BRANCH BEAVER CREEK	B- 38- 0045	35. 1	0	0	148	148	
0020	MARINETTE	STH 64	64	LITTLE PESHTIGO RIVER	B- 38- 0130	126. 2	102	0	505	607	
0020	MARINETTE	STH 64	64	PESHTIGO RIVER	B- 38- 0131	365. 7	620	0	1, 788	2, 408	
0020	MARINETTE	USH 141	141	MIDDLE INLET CREEK	B- 38- 0035	35. 3	29	0	173	201	
0020	MARINETTE	USH 141	141	UPPER INLET CREEK	B- 38- 0036	35. 3	29	0	173	201	
0020	MARINETTE	USH 141	141	LOWER MIDDLE INLET CREEK	B- 38- 0037	60. 5	49	0	296	345	
0020	MARINETTE	USH 141	141	PESHTIGO RIVER	B- 38- 0048	187. 7	152	0	918	1, 070	
0020	MARINETTE	USH 141	141	S. BRANCH BEAVER CREEK	B- 38- 0082	35. 4	0	0	178	178	
0020	MARINETTE	USH 141	141	PIKE RIVER	B- 38- 0083	89. 4	0	0	462	462	
0020	MARINETTE	USH 141	141	CTH B	B- 38- 0091	242. 3	194	225	1, 669	2, 088	
0020	MARINETTE	USH 141 NB	141	LITTLE PESHTIGO RIVER	B- 38- 0092	100. 1	81	0	448	529	
0020	MARINETTE	USH 141 SB	141	LITTLE PESHTIGO RIVER	B- 38- 0093	100. 1	81	0	448	529	
0020	MARINETTE	USH 141	141	CTH Q	B- 38- 0094	238. 0	372	0	952	1, 324	
0020	MARINETTE	USH 141	141	OLD 141 (CTH CP)	B- 38- 0095	254. 1	205	188	1, 242	1, 635	
0020	MARINETTE	USH 141 NB	141	CEDAR SWAMP CREEK	B- 38- 0096	128. 9	105	0	576	681	
0020	MARINETTE	USH 141 SB	141	CEDAR SWAMP CREEK	B- 38- 0097	128. 9	105	0	576	681	
0020	MARINETTE	USH 141 - ROOSEVELT RD	141	MENOMINEE RIVER	B- 38- 0140	520. 0	463	347	2, 542	3, 352	
MARINETTE COUNTY TOTAL										17, 066	
* SURFACE AREA (INSIDE FACE AND TOP)											

CATEGORY	COUNTY	ROUTE	CORRIDOR	BRIDGE NAME	BRIDGE NO.	LENGTH [FT]	* PARAPETS [SY]	CONCRETE MEDIAN & SIDEWALK [SY]	DECK [SY]	502. 3215. S PROTECTIVE SURFACE TREATMENT RESEAL [SY]	REMARKS
0020	OCONTO	STH 32	32	WAUPEE CREEK	B- 42- 0025	55. 0	45	0	244	289	
0020	OCONTO	STH 32	32	N. BRANCH OCONTO RIVER	B- 42- 0028	119. 8	97	0	532	630	
0020	OCONTO	STH 64	64	PESHTIGO RIVER	B- 42- 0056	79. 8	0	0	336	336	
0020	OCONTO	STH 64	64	HILLS POND CREEK	B- 42- 0080	42. 9	0	0	184	184	
0020	OCONTO	STH 64	64	SOUTH BR. OCONTO RIVER	B- 42- 0085	42. 8	0	0	183	183	
0020	OCONTO	STH 64	64	SOUTH BR. OCONTO RIVER	B- 42- 0086	48. 9	0	0	209	209	
0020	OCONTO	USH 141 SB	141	PENSAUKEE RIVER	B- 42- 0045	103. 2	84	0	594	678	
0020	OCONTO	USH 141 NB	141	PENSAUKEE RIVER	B- 42- 0046	112. 0	91	0	684	775	
0020	OCONTO	USH 141 NB	141	OCONTO RIVER	B- 42- 0074	253. 3	205	0	1, 109	1, 314	
0020	OCONTO	USH 141 SB	141	OCONTO RIVER	B- 42- 0075	177. 8	144	0	778	923	
0020	OCONTO	USH 141 NB	141	STH 22	B- 42- 0076	184. 4	150	0	820	969	
0020	OCONTO	USH 141 SB	141	STH 22	B- 42- 0077	184. 4	150	0	820	969	
0020	OCONTO	USH 141	141	CTH A	B- 42- 0088	242. 0	194	547	1, 667	2, 408	
0020	OCONTO	USH 141 NB	141	KELLY BROOK	B- 42- 0089	109. 4	89	0	486	575	
0020	OCONTO	USH 141 SB	141	KELLY BROOK	B- 42- 0090	109. 4	89	0	486	575	
0020	OCONTO	USH 141 NB	141	LITTLE RIVER	B- 42- 0091	84. 2	0	0	393	393	
0020	OCONTO	USH 141 SB	141	LITTLE RIVER	B- 42- 0092	84. 2	0	0	440	440	
OCONTO COUNTY TOTAL										11, 848	
* SURFACE AREA (INSIDE FACE AND TOP)											

BROWN COUNTY TOTAL 20, 015  
MARINETTE COUNTY TOTAL 17, 066  
OCONTO COUNTY TOTAL 11, 848  
CATEGORY 0020 TOTAL 48, 930  
CATEGORY 0010 TOTAL 159, 787

PROJECT 1009-33-29 TOTAL 208, 717

MOBILIZATION

CATEGORY	ROADWAY	619. 1000 EACH	REMARKS
0010	BACKBONE	0. 75	STRUCTURES ON USH 41, IH 41& STH 54
	TOTAL 0010	0. 75	
0020	3R	0. 25	ALL OTHER STRUCTURES
	TOTAL 0020	0. 25	
1009- 33- 29 TOTAL		1. 0	

TRAFFIC CONTROL (1009- 33- 29)

ROADWAY	SPV. 0105. 01 LS	SPV. 0105. 02 LS	REMARKS
BACKBONE	1		STRUCTURES ON USH 41, IH 41 & STH 54
3R		1	ALL OTHER STRUCTURES
	1	1	

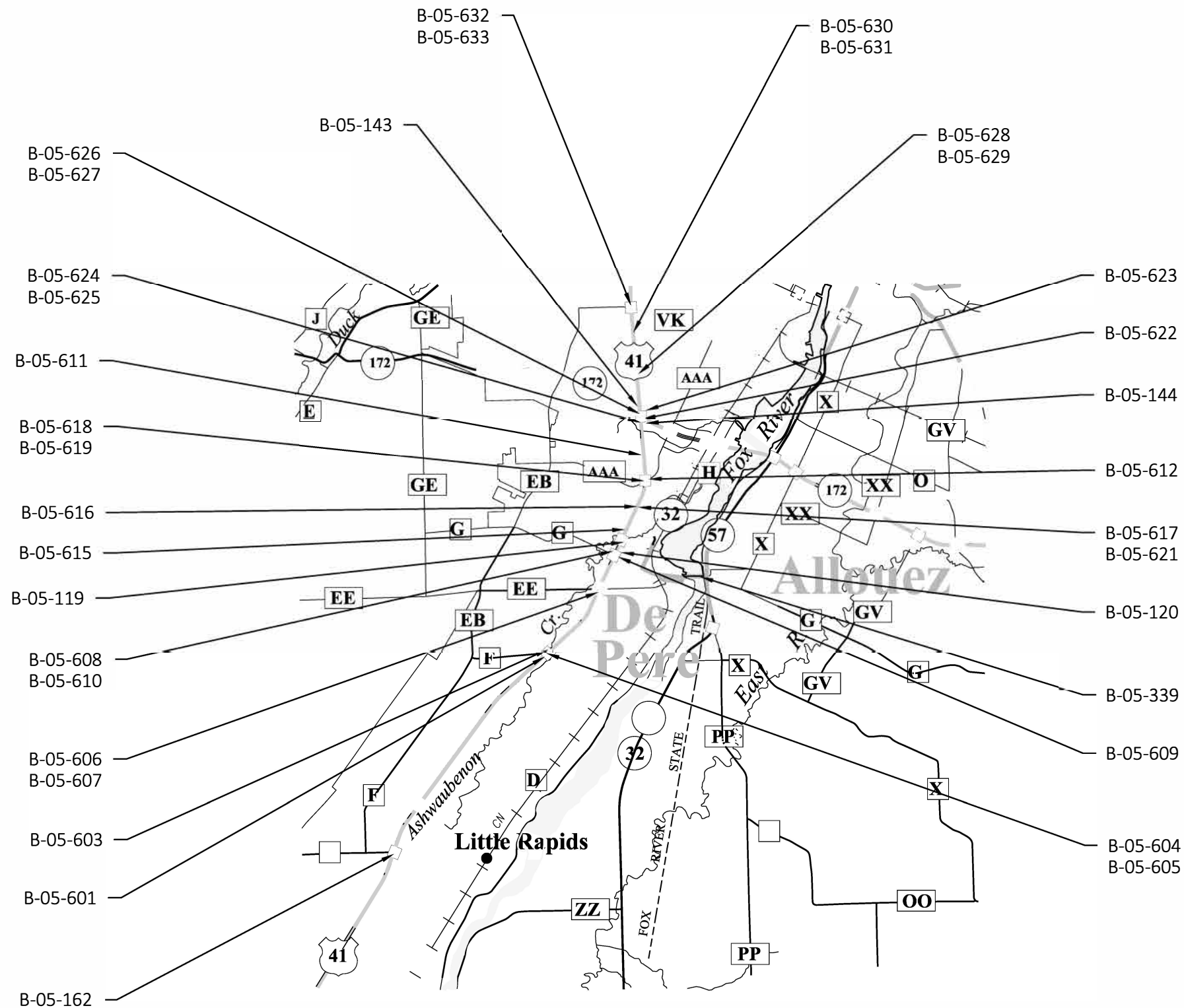
TRAFFIC CONTROL SIGNS PCMS

CATEGORY	ROADWAY	APPROX. SERVICE PERIOD DAYS	NUMBER IN SERVICE	643. 1050 DAY	REMARKS
0010	BACKBONE	11	6	66	USH 41 AND IH 41 SOUTH OF SPLIT
	STH 54	7	2	14	MASON STREET
	TOTAL 0010			80	
1009- 33- 29 TOTAL				80	

NOTE: ADDITIONAL ADVANCED WARNING WILL BE NECESSARY IF LOCAL BRIDGES ARE COMPLETELY CLOSED.  
SEE SPECIAL PROVISIONS FOR LOCATIONS.

5

5



BROWN COUNTY DECK SEALING LOCATION MAP

PROJECT NO:1009-33-29

HWY:VARIOUS

COUNTY:NORTHEAST REGION

PLAN

SHEET

E

FILE NAME : \\GRERTOV\FILPI01\N3PUBLIC\PD5\C3D\10093328\050201\_PN.DWG  
LAYOUT NAME - 050201\_PN

PLOT DATE : 7/24/2018 1:42 PM

PLOT BY : HARDY, BARBARA A

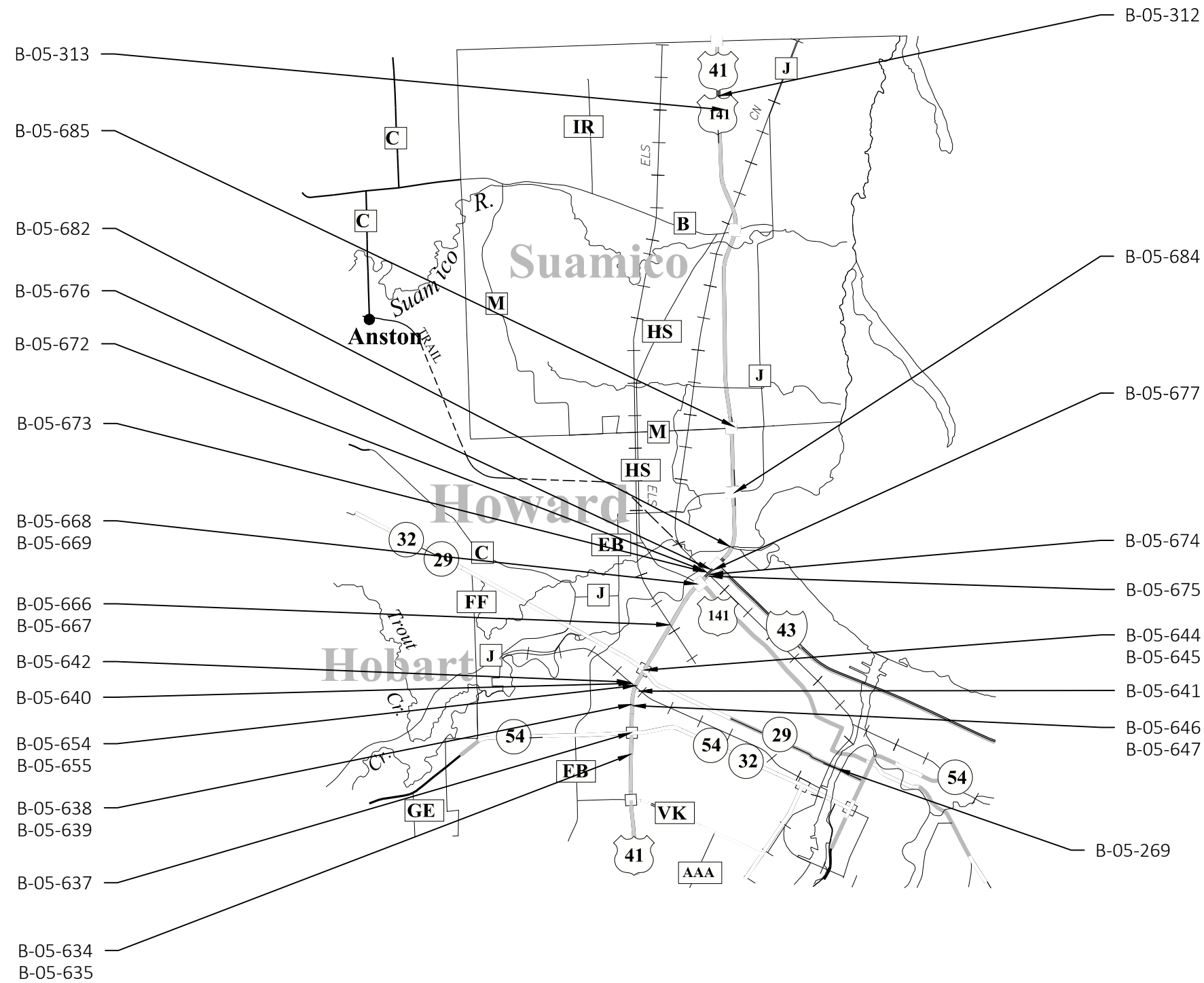
PLOT NAME :

PLOT SCALE : 1 IN:2 MI

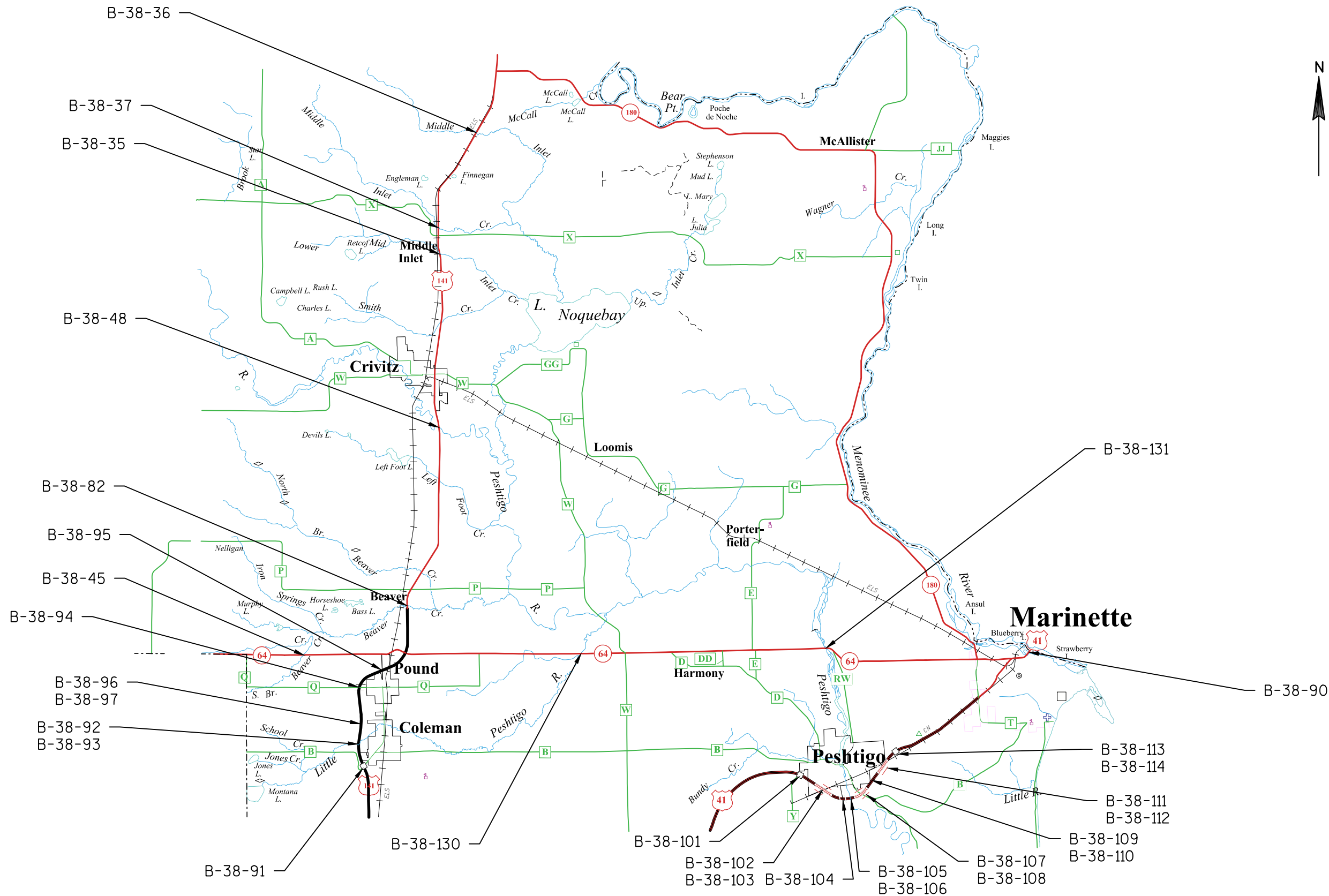
WISDOT/CADDs SHEET 44

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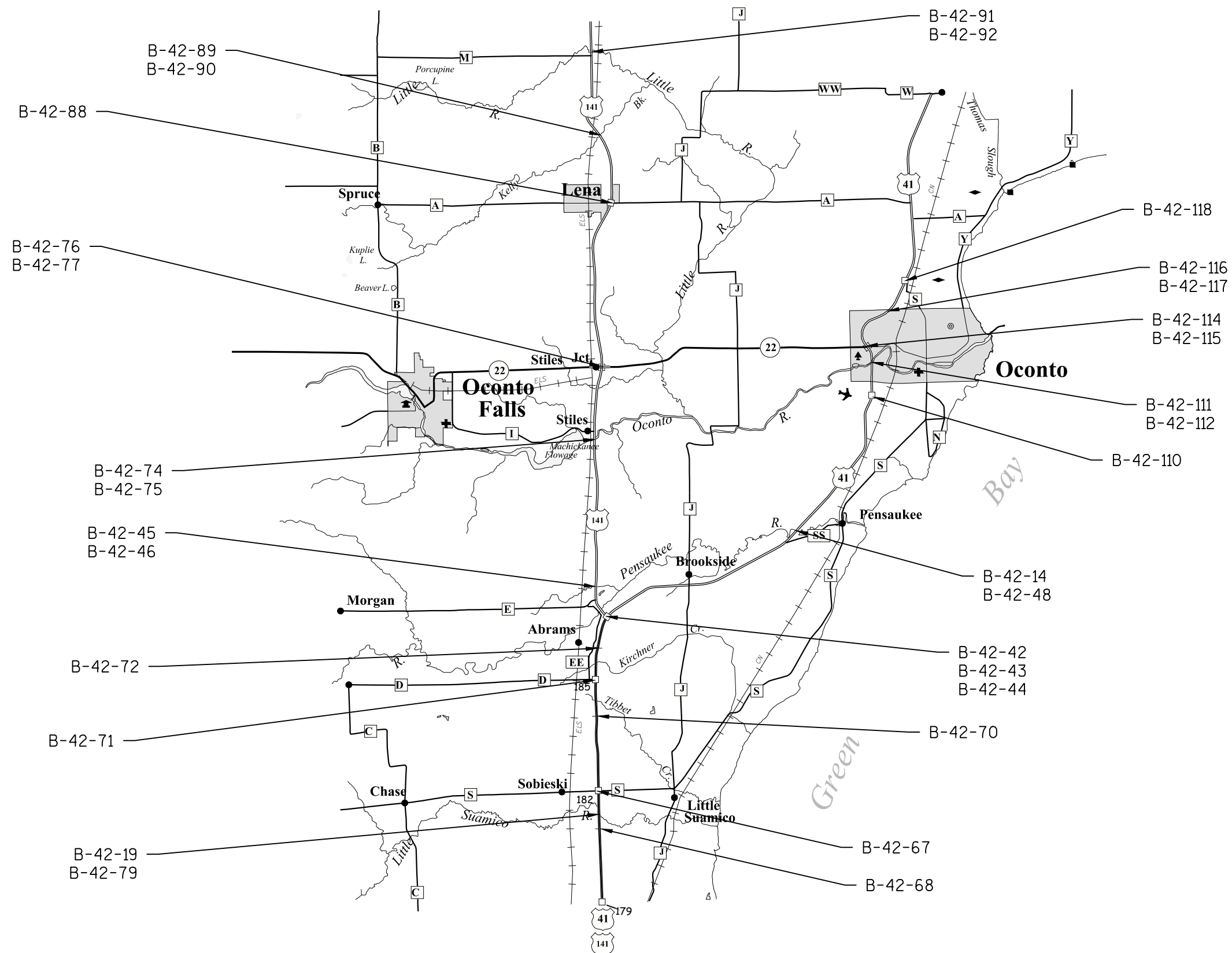


BROWN COUNTY DECK SEALING LOCATION MAP



MARINETTE COUNTY DECK SEALING LOCATION MAP

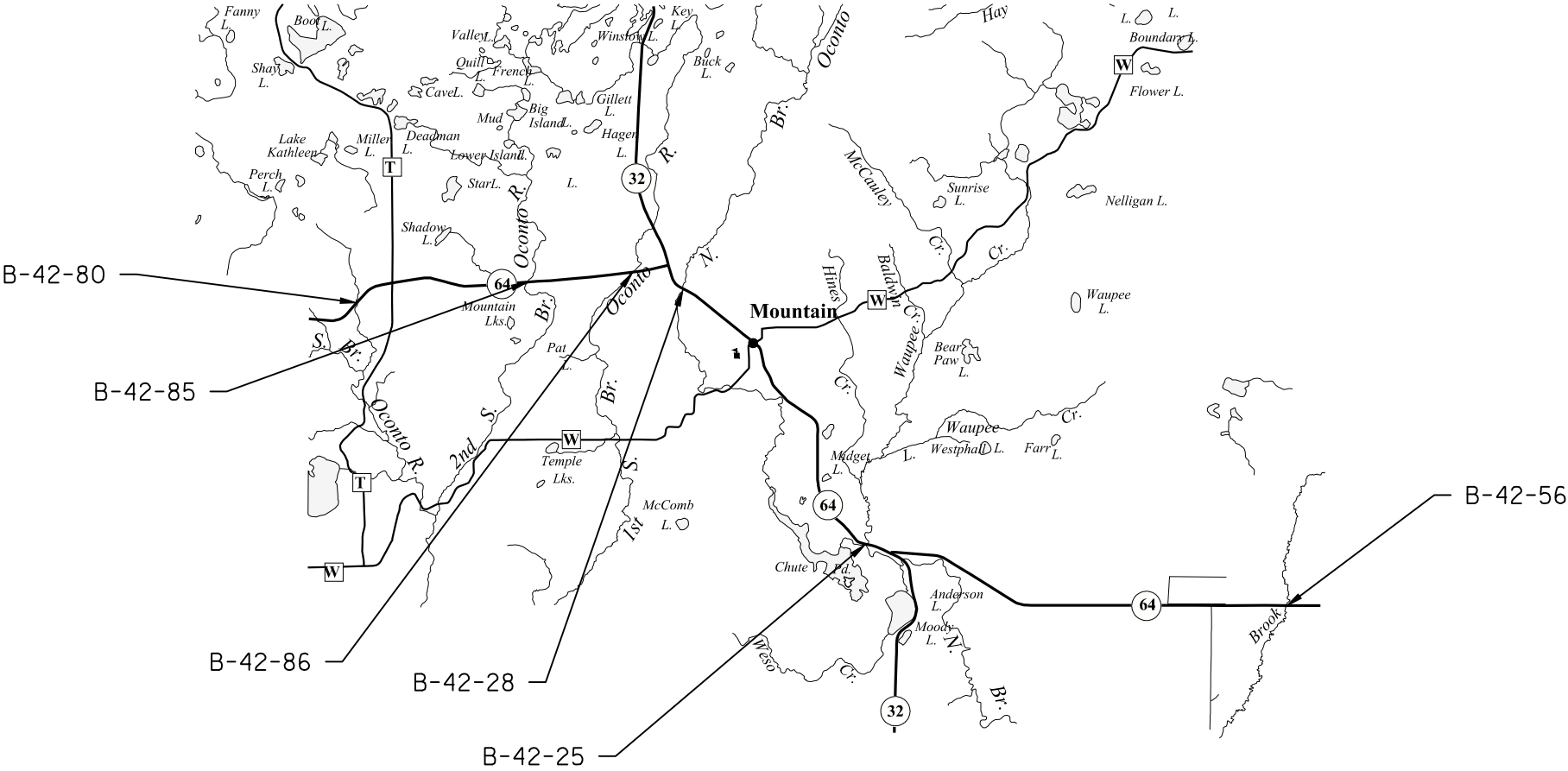




# OCONTO COUNTY DECK SEALING LOCATION MAP

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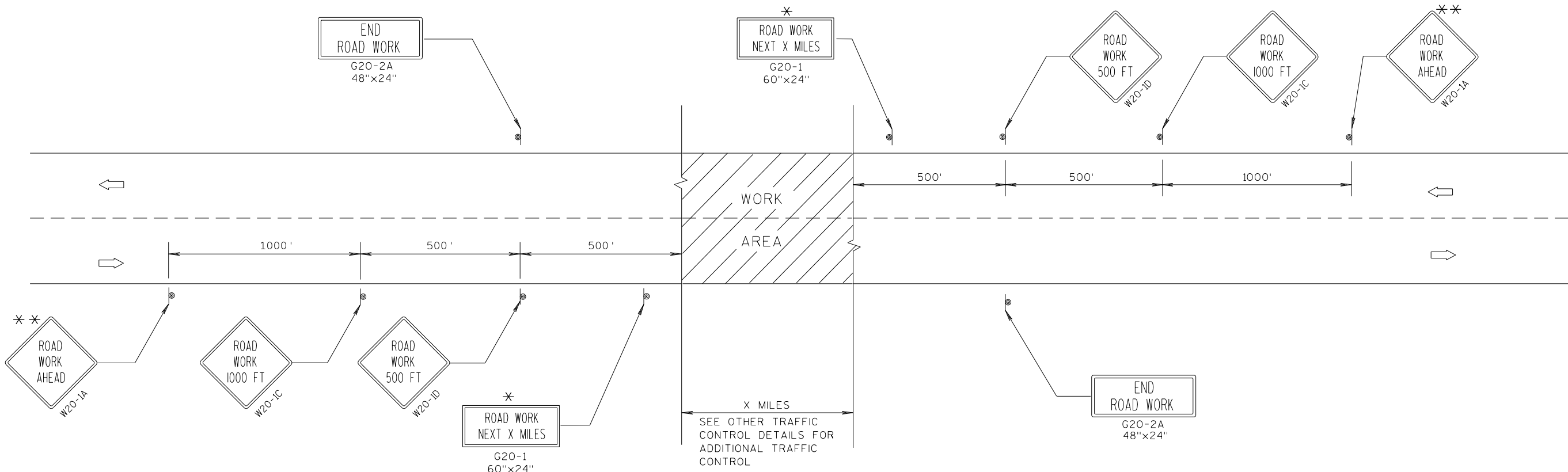
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OCONTO COUNTY DECK SEALING LOCATION MAP

Standard Detail Drawing List

15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C11-07B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-06	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D14-03	TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT-TERM (LESS THAN 24 HOURS)
15D15-04A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D22-03	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY



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.

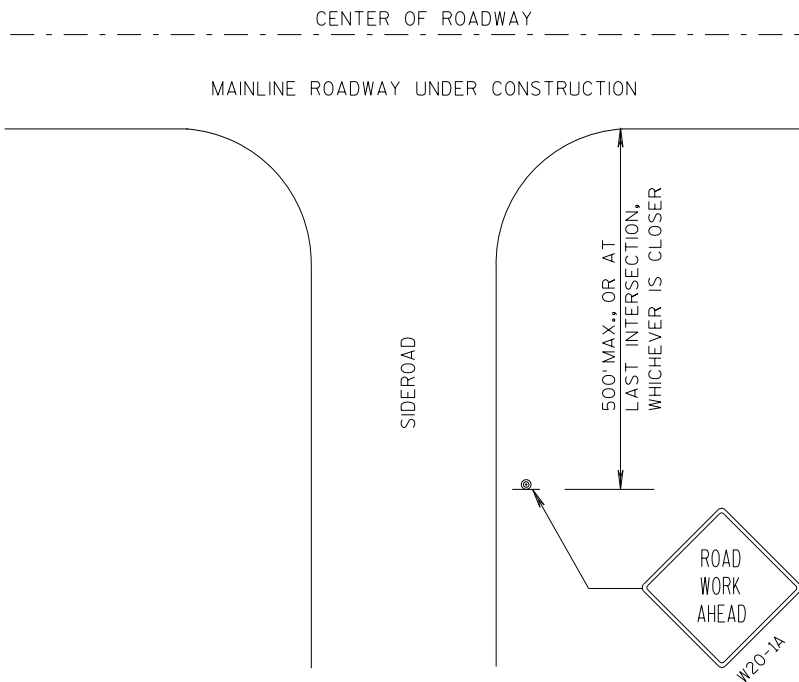
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.



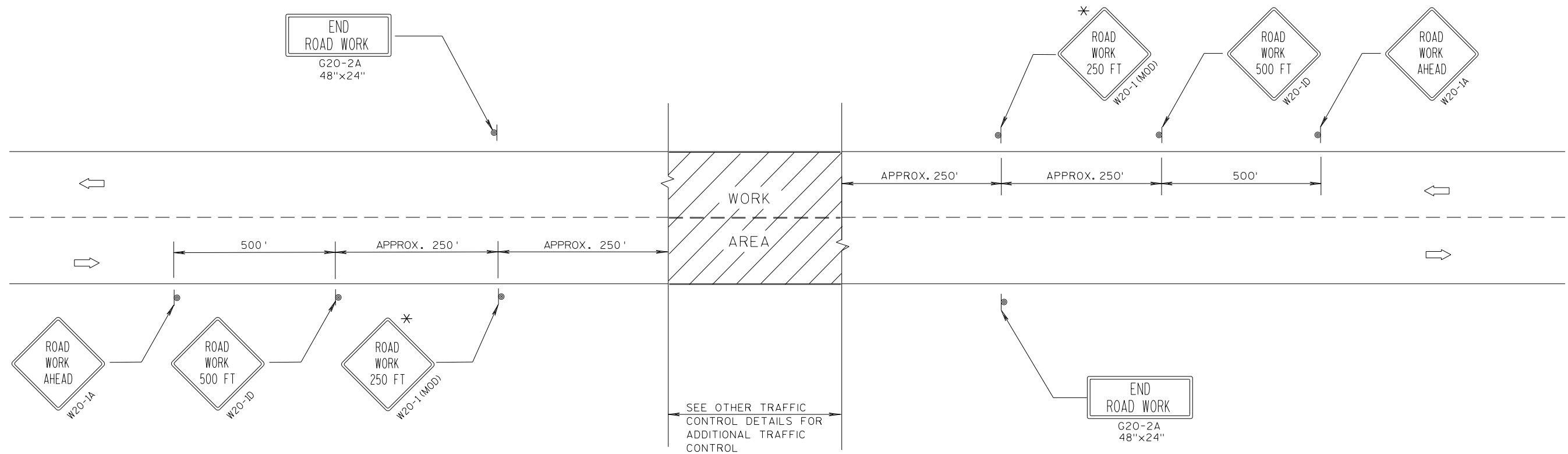
LEGEND

- ⦿ 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  
7/2018 /S/ Andrew Heidtke  
DATE WORK ZONE ENGINEER  
FHWA



### 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.

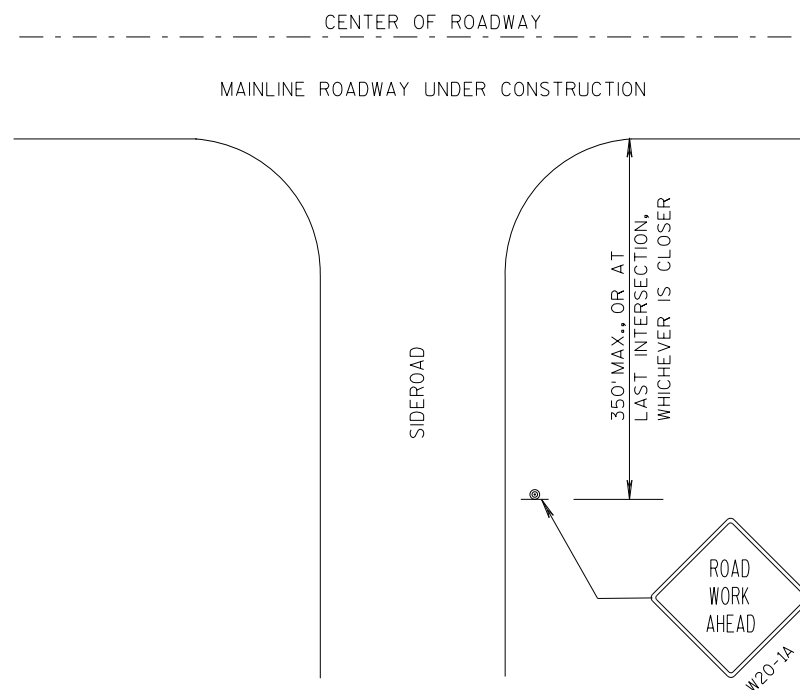
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.



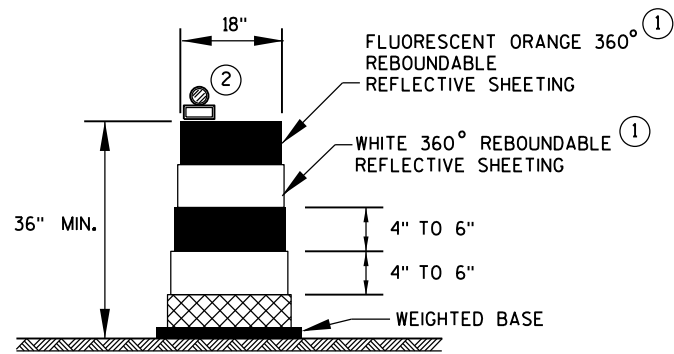
#### LEGEND

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

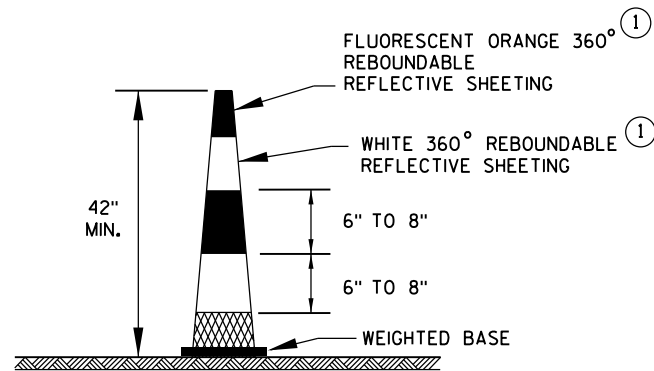
**TRAFFIC CONTROL, ADVANCE  
WARNING SIGNS 40 M.P.H.  
OR LESS TWO-WAY UNDIVIDED  
ROAD OPEN TO TRAFFIC**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
7/2018  
DATE  
/S/ Andrew Heidtke  
WORK ZONE ENGINEER  
FHWA



**DRUM**

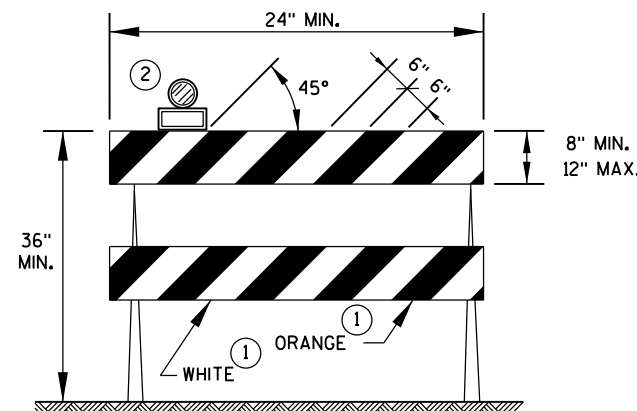


**42" CONE**

DO NOT USE IN TAPERS  
1/2 SPACING OF DRUMS

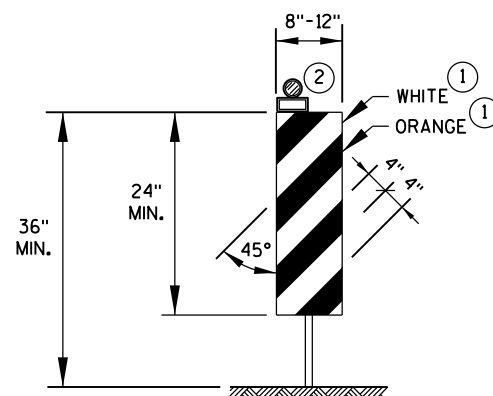
**GENERAL NOTES**

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



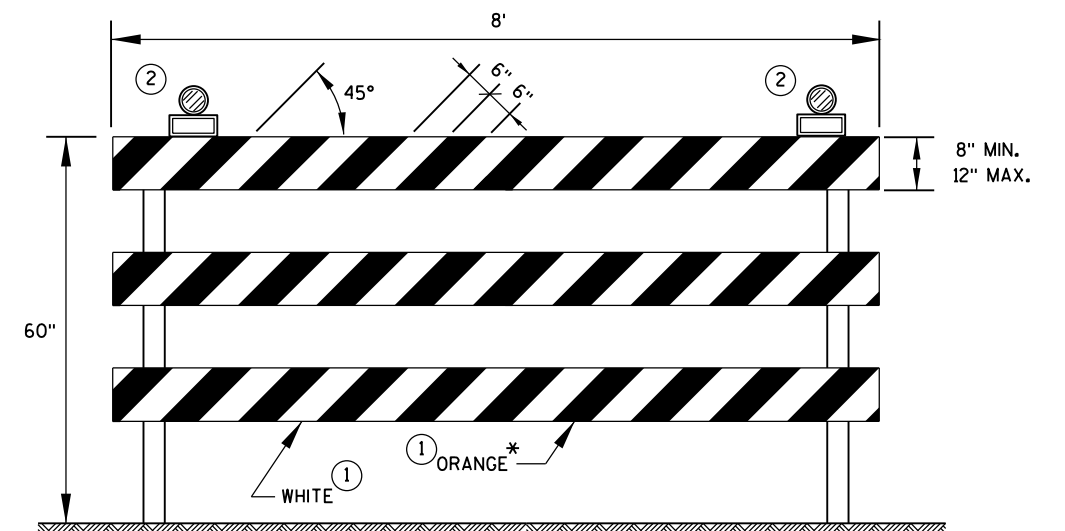
**TYPE 2 BARRICADE**

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.  
ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



**VERTICAL PANEL**

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



**TYPE 3 BARRICADE**

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

\* IF USED FOR A PERMANENT APPLICATION, USE RED SHEETING.

CHANNELIZING DEVICES  
DRUMS, CONES, BARRICADES  
AND VERTICAL PANELS

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2017  
DATE

FHWA

/S/ Andrew Heidtke  
WORK ZONE ENGINEER

LEGEND

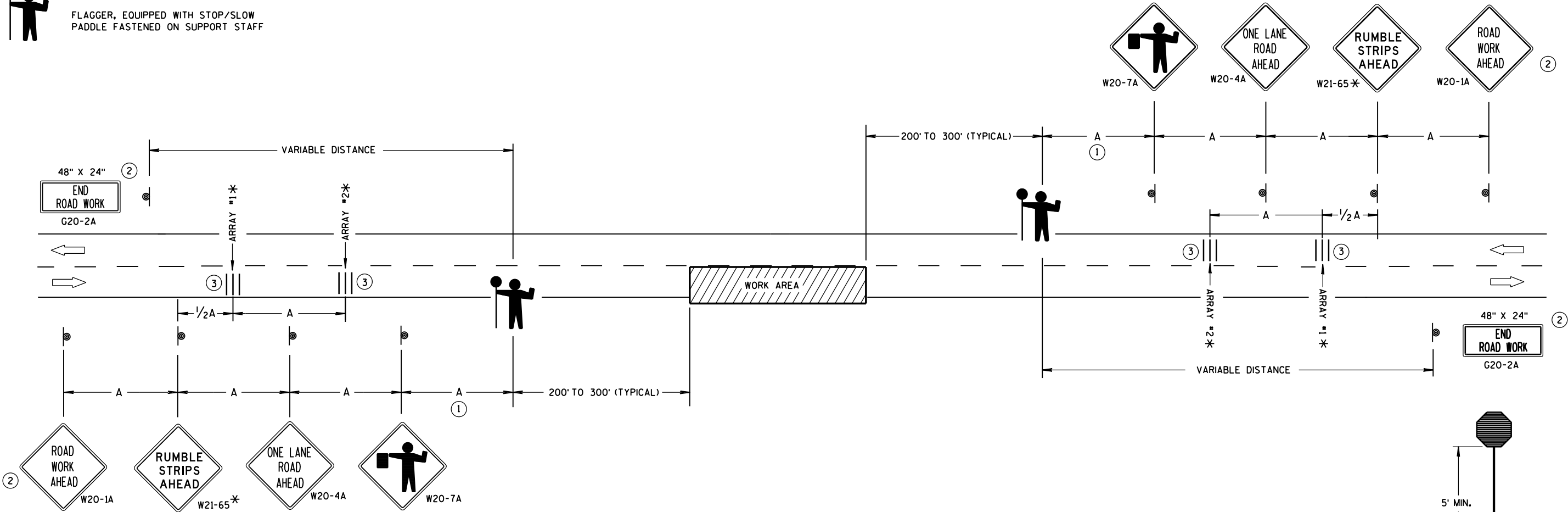
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

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  
June 2017 /S/ Andrew Heldtke  
DATE WORK ZONE ENGINEER  
FHWA

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.

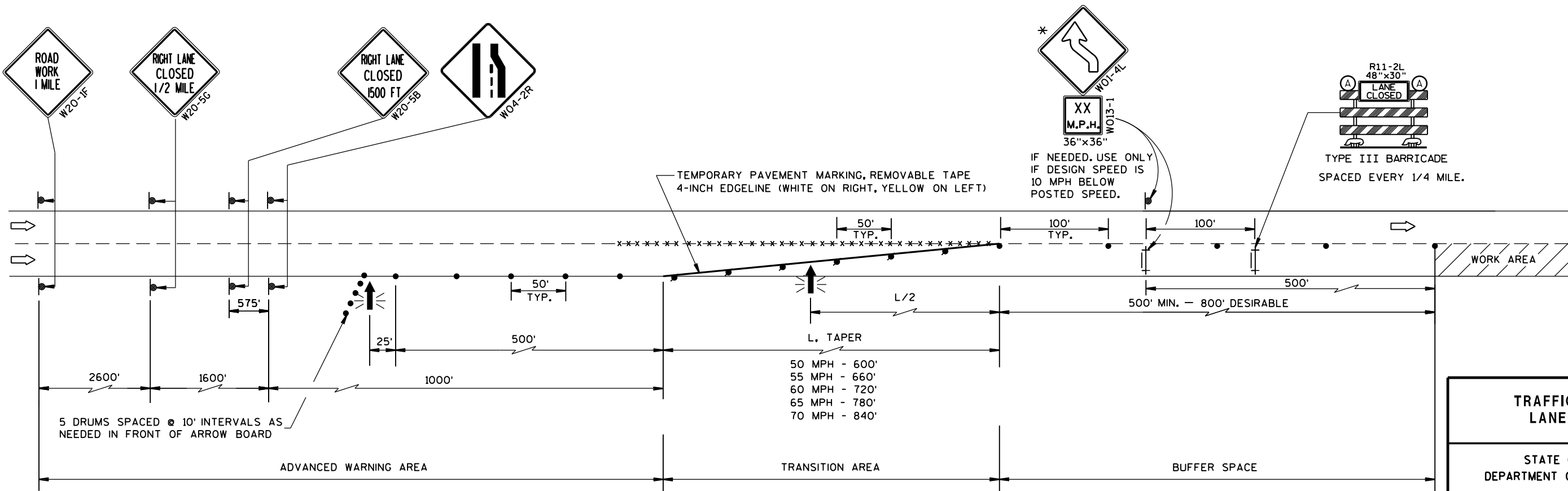
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

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.

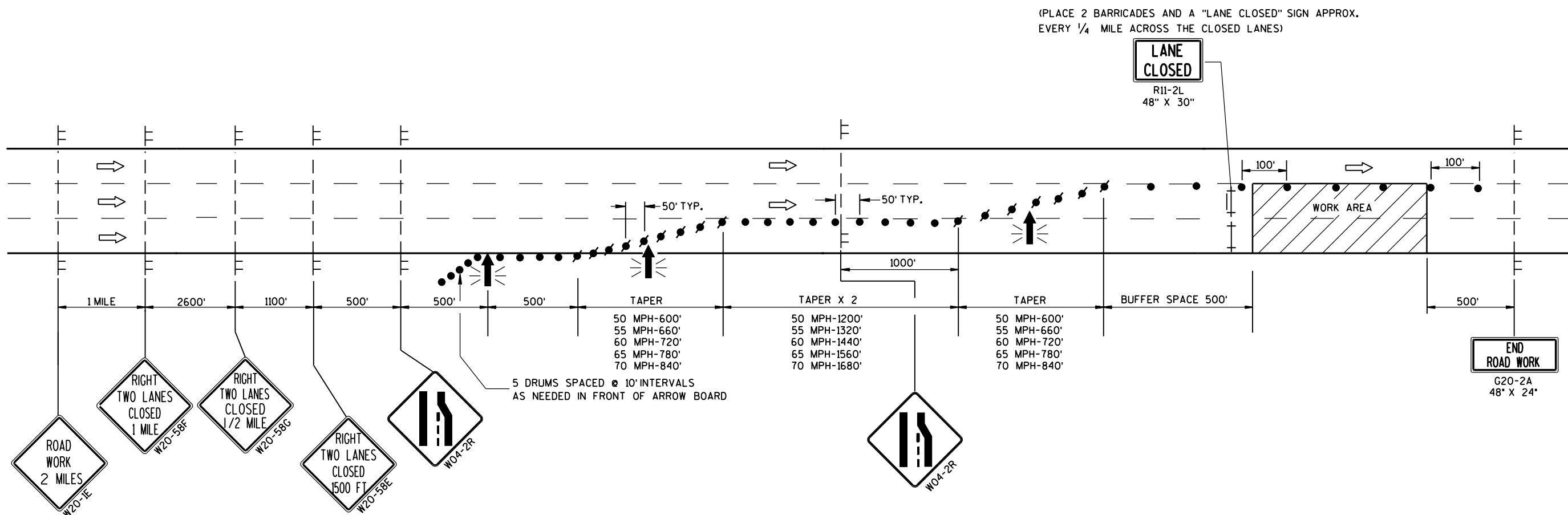
\* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



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
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA



## GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

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 MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

"WO" SIGNS ARE THE SAME AS "W" SIGNS 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.

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

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

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

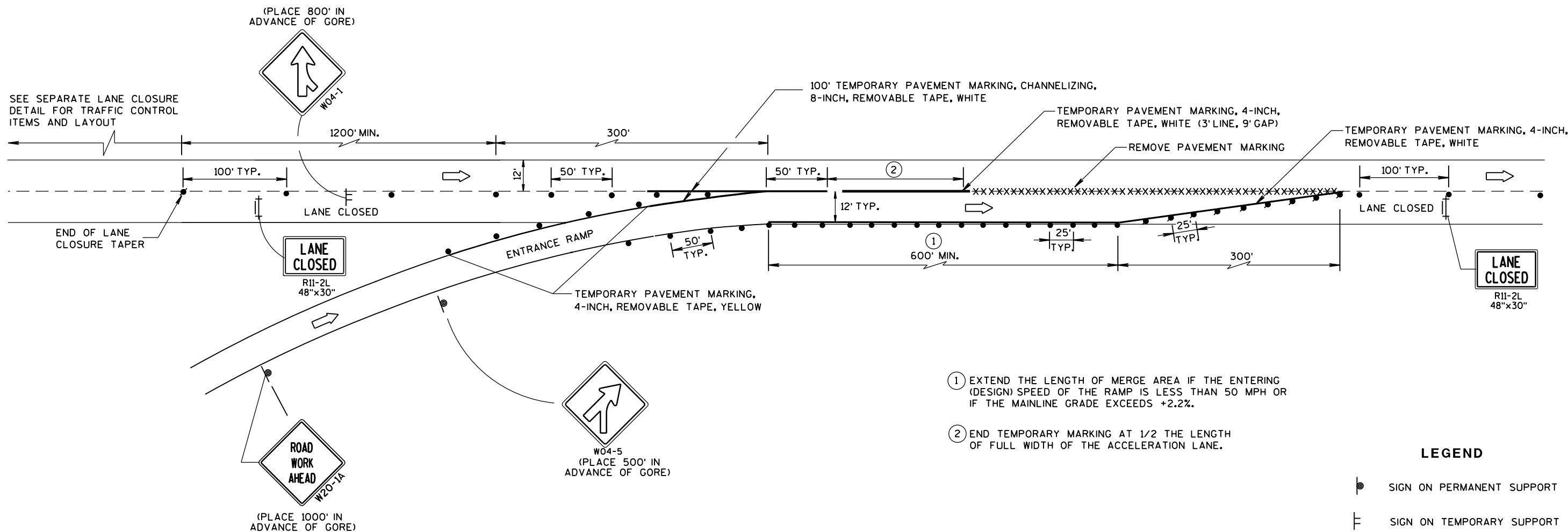
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

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

TRAFFIC CONTROL. TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY. SHORT TERM (LESS THAN 24 HOURS)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED July 14, 2015 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN RIGHT LANE CLOSURE



PARALLEL ENTRANCE RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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 MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

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. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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.

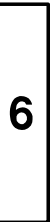
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

LEGEND

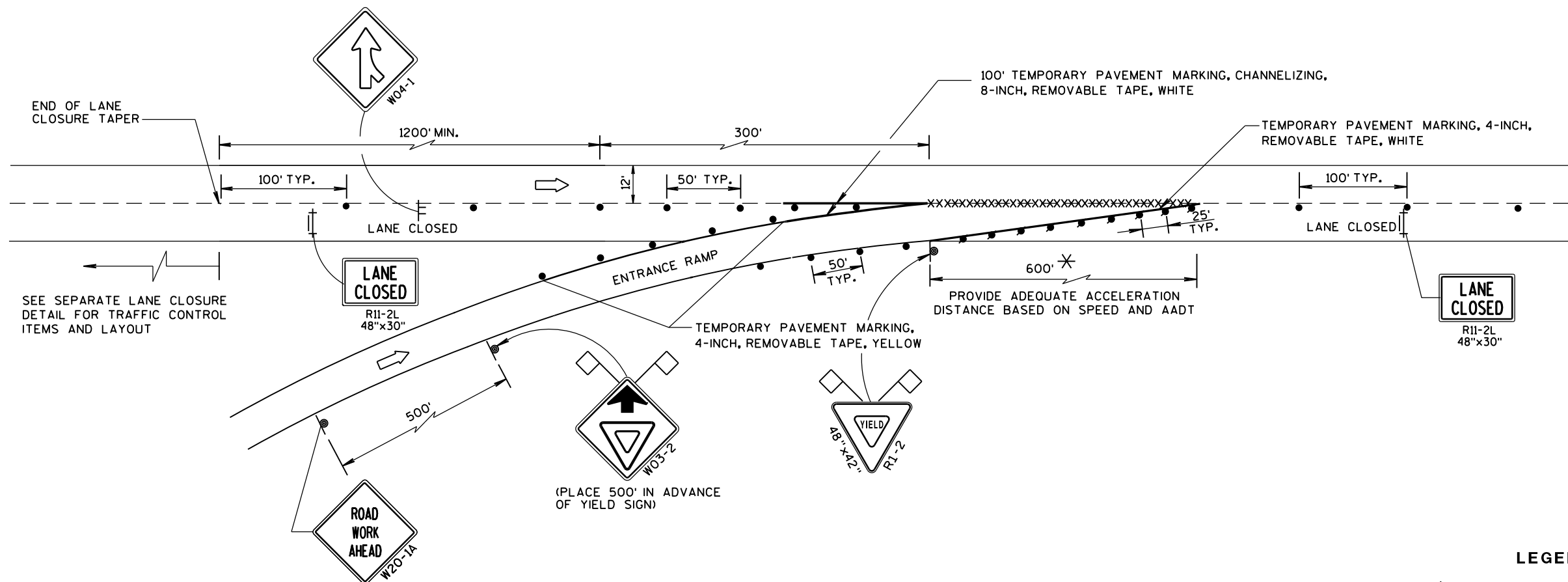
- SIGN ON PERMANENT SUPPORT
- ├ SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- ├ TYPE III BARRICADE WITH ATTACHED SIGN
- XXXXX REMOVING PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept., 2017 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	

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**S.D.D. 15 D 15-4b**



**TAPERED ENTRANCE RAMP  
WITHIN RIGHT LANE CLOSURE**

**GENERAL NOTES**

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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 MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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.

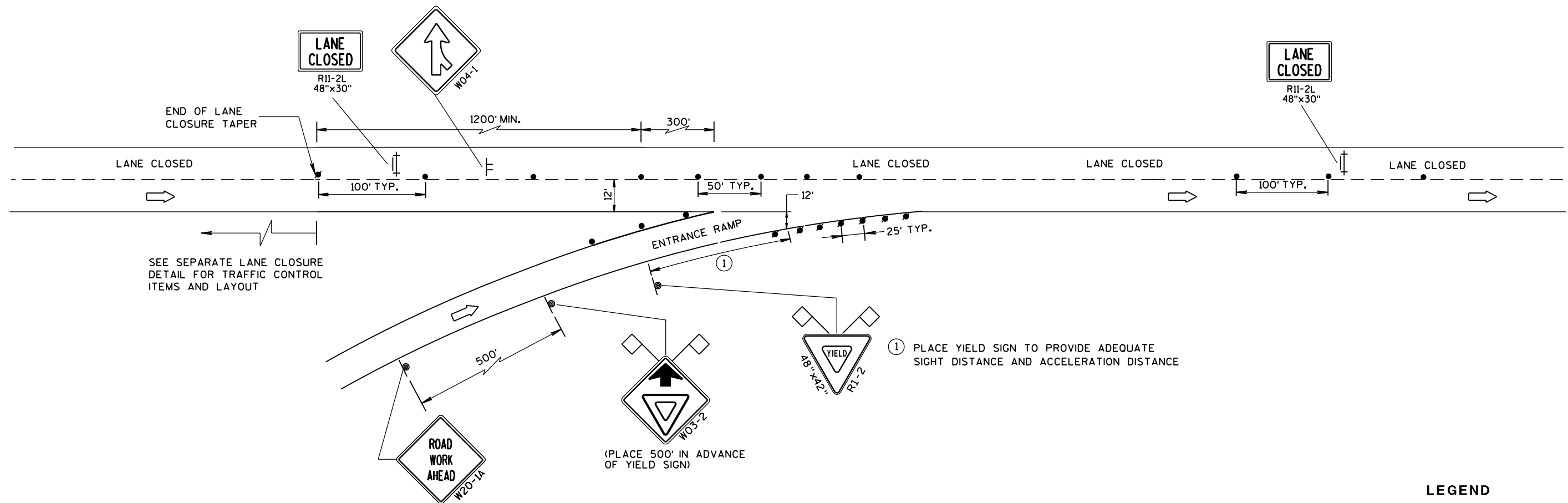
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

✱ CONSULT WITH REGIONAL WORK ZONE ENGINEER IF NEED TO REDUCE LENGTH EXISTS.

**LEGEND**

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

<b>TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE</b>	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept., 2017 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	



### TAPERED ENTRANCE RAMP WITHIN LEFT LANE CLOSURE

#### GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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 MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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.

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

#### LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,  
TAPERED ENTRANCE RAMP  
WITHIN LANE CLOSURE

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017

DATE

FHWA

/S/ Andrew Heidtke

WORK ZONE ENGINEER

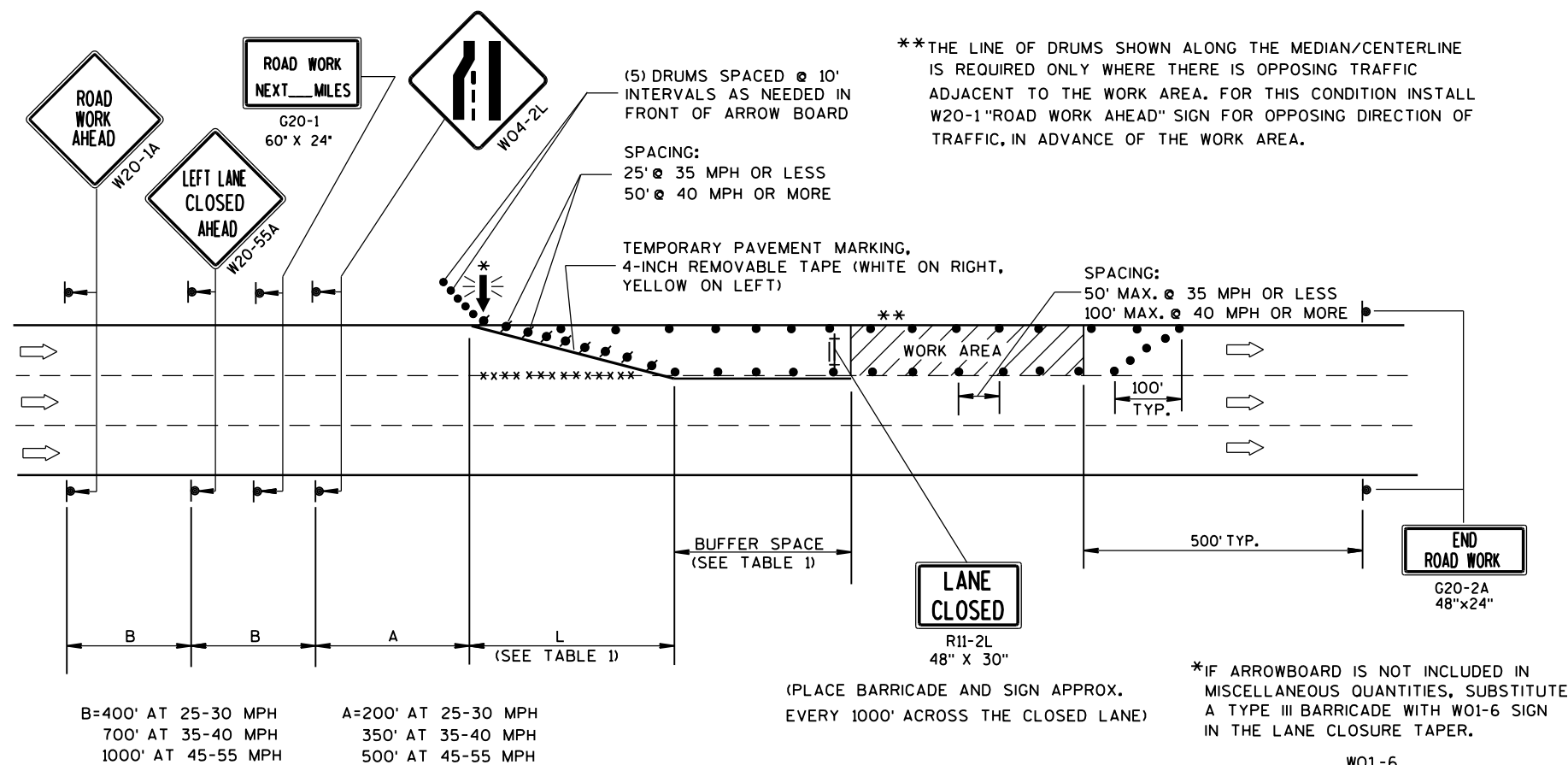


TABLE 1  
TAPER AND BUFFER SPACE  
FOR 12' LANE WIDTH

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
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  SIGN ON PERMANENT SUPPORT
-  SIGN ON TEMPORARY 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

## GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

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 THE DISTRICT TRAFFIC UNIT.

"W0" 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.

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.

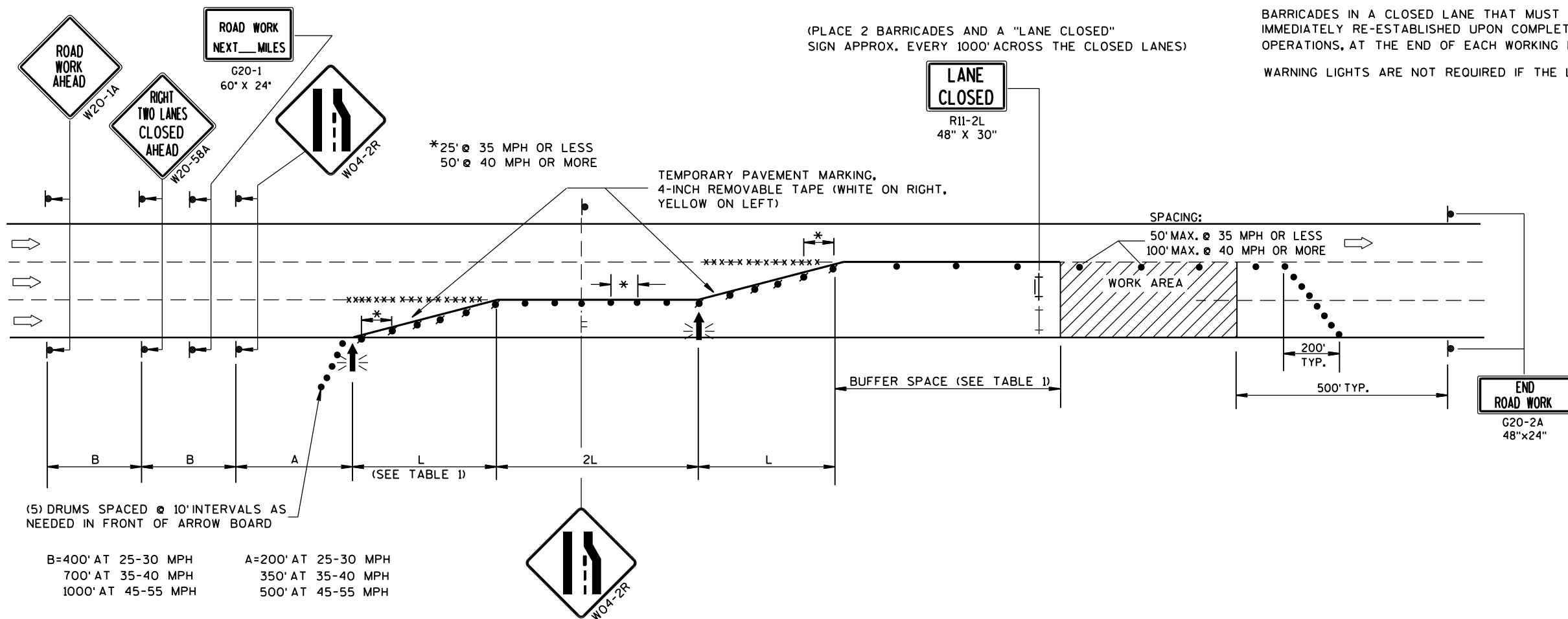
WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO LOCATE THE ARROWBOARD AS SHOWN, PLACE THE ARROWBOARD IN THE LANE CLOSURE TAPER AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE TAPER.

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.

(PLACE 2 BARRICADES AND A "LANE CLOSED" SIGN APPROX. EVERY 1000' ACROSS THE CLOSED LANES)



TRAFFIC CONTROL,  
TWO LANE CLOSURE,  
NON-FREEWAY/EXPRESSWAY

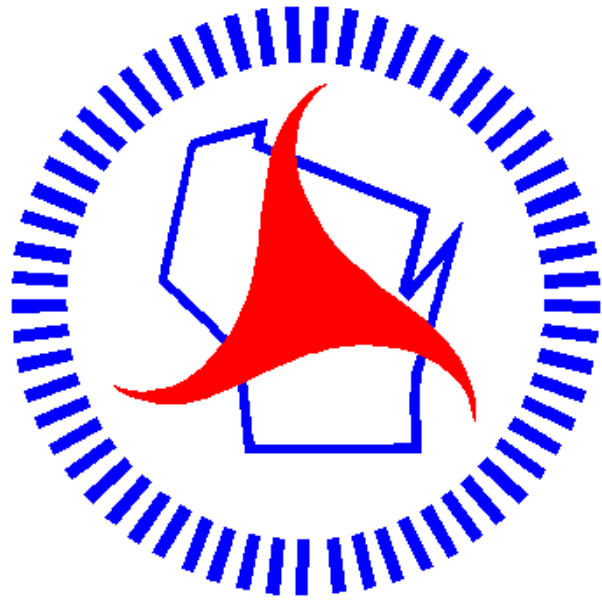
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016  
DATE

FHWA

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



## ***Wisconsin Department of Transportation***

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through innovation and exceptional service.

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