WKE PROJECT WITH: ₽ 030-41-60

JULY 2016 ORDER OF SHEETS Section No. 1 Typical Sections and Details Section No. 2 Estimate of Quantities Section No. 3 Miscellaneous Quantities Section No. 3 Standard Detail Drawings TOTAL SHEETS = 20 DESIGN DESIGNATION A.A.D.T. 2015 = 96,071 A.A.D.T. 2035 = 111,380 = 9,470 D-H-V-= 47,153 = 14% DESIGN SPEED = 70 MPH = 5,530,600 CONVENTIONAL SYMBOLS PLAN PROFILE GRADE LINE CORPORATE LIMITS ORIGINAL GROUND PROPERTY LINE MARSH OR ROCK PROFILE LOT LINE (To be noted as such) LIMITED HIGHWAY EASEMENT SPECIAL DITCH EXISTING RIGHT OF WAY GRADE ELEVATION PROPOSED OR NEW R/W LINE SLOPE INTERCEPT CULVERT (Profile View) UTILITIES REFERENCE LINE ELECTRIC EXISTING CULVERT FIBER OPTIC PROPOSED CULVERT SANITARY SEWER COMBUSTIBLE FLUIDS STORM SEWER TELEPHONE MARSH AREA

UTILITY PEDESTAL

TELEPHONE POLE

₫ Ø

POWER POLE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

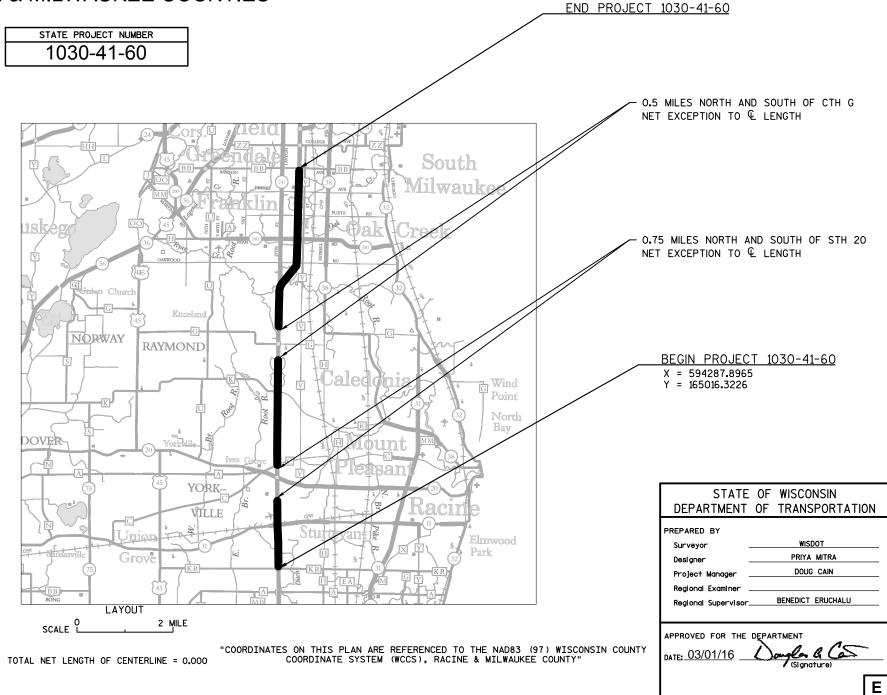
PLAN OF PROPOSED IMPROVEMENT

NORTH SOUTH FREEWAY

S. RACINE CO. LINE TO RAWSON AVE.

IH-94

RACINE & MILWAUKEE COUNTIES



PLOT NAME :

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

1030-41-60

WOODED OR SHRUB AREA

CONTACTS:

WISDOT MAINTAINENCE
PAUL AMBROSE
MAINTAINENCE PROGRAM ENGINEER
WISDOT SE REGION
141 NW BARSTOW STREET
WAUKESHA, WI 53188

WAUKESHA, WI 53188 PHONE: (262) 548-6730

MILWAUKEE (SOUTH)

DAVID ZEMAN

AREA MAINTAINENCE COORDINATOR

WISDOT SE REGION

141 NW BARSTOW STREET, WAUKESHA

WAUKESHA, WI 53188

PHONE: (414) 750-1407

RACINE COUNTY

GAIL LANTZ

AREA MAINTAINENCE COORDINATOR

WISDOT SE REGION

141 NW BARSTOW STREET, WAUKESHA

WAUKESHA, WI 53188

PHONE: (414) 750-0994

RACINE COUNTY SHERIFF OFFICE

LAW ENFORCEMENT CENTER 717 WISCONSIN AVENUE

WISCONSIN 53403

RACINE COUNTY HIGHWAY COMMISIONER

DAVID PROTT

14200 WASHINGTON AVENUE

STURTEVANT, WI 53177

PHONE: (262) 886-8440

MILWAUKEE COUNTY HIGHWAY COMMISIONER

BRIAN DRANZIK

MC RESEARCH PARK-TIC BLDG

10437 INNOVATION DRIVE,5TH FLOOR

WAWUTOSA, WI-53226

BRIAN DRANZIK@MILWAUKEECOUNTYWI.GOV

PHONE:(414) 257-5952

MILWAUKEE COUNTY SHERIFF

DAVID A.CLARKE.

821 WEST STATE STREET, ROOM 107

MILWAUKEE, WI 53233

PHONE:(414) 278-4766

DNR MILWAUKEE COUNTY

KRISTINA BETZHOLD

WDNR - SE REGION 2300 N.MARTIN LUTHER KING DR.

MILWAUKEE-53212

KRISTINA BETZHOLD @WISCONSIN.GO

PHONE: (414) 263-8517

DNR RACINE COUNTY

CRAIG WEBSTER

141 NW BARSTOW ST.RM:180

WAUKESHA, WI 53188

CRAIG WEBSTER@WISCONSIN.GOV

PHONE: (262) 574-2141

CONTACTS

DOUGLAS CAIN

WISDOT PROJECT MANAGER

141 NW BARSTOW ST.

WAUKESHA, WI 53188

DOUGLAS CAIN@DOT.WI.GOV

PHONE: (262) 548-5603

GENERAL NOTES

NO UTILITY FACILITIES ARE EXPECTED TO BE IMPACTED WITHIN THE PROJECT LIMITS

IDENTIFY ALL UTILITIES IN THE AREA BY CONTACTING DIGGERS HOTLINE.

QUANTITY FOR ROUTE AND SEAL IS ESTIMATED AT 3 LF PER 1 LB OF MATERIAL.

QUANTITY FOR CRACK SEALING IS ESTIMATED AT 4 LF PER 1 LB OF MATERIAL.

EXISTING EDGELINE PAVEMENT MARKINGS WILL BE REPLACED WITH GROOVED WET REFLECTIVE EPOXY PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS.

ROUTE AND SEAL AND CRACK SEALING LOCATIONS ARE APPROXIMATE AND WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ROUTE AND SEAL AND CRACK SEALING AREA INCLUDES MAINLINE TRAVEL LANES, TURNLANES, AUXILLARY LANES AND TAPER SECTIONS AND RAMPS.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

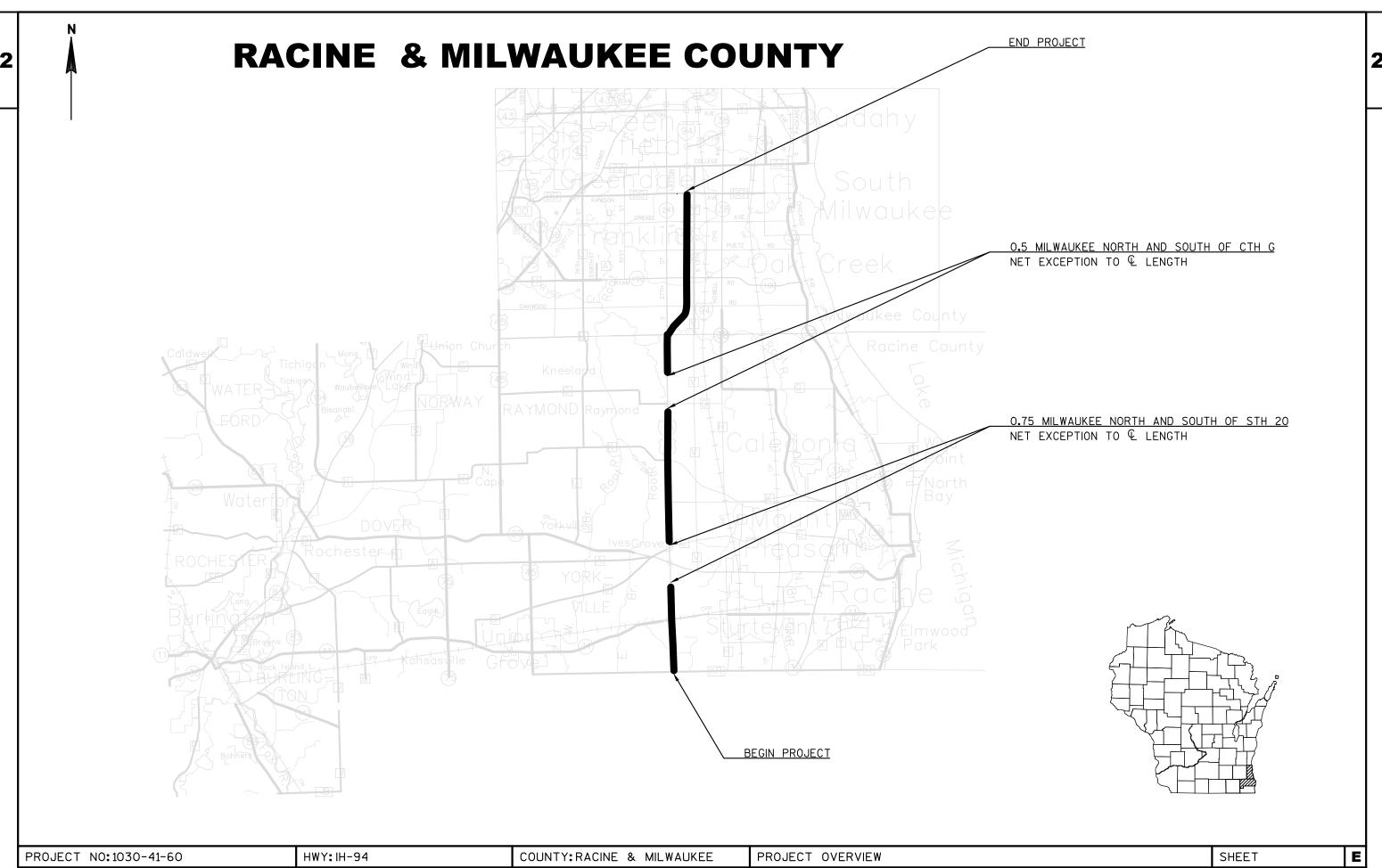


www.DiggersHotline.com

PROJECT NO: 1030-41-60 HWY: IH 94 COUNTY: RACINE & MILWAUKEE GENERAL NOTES SHEET: E

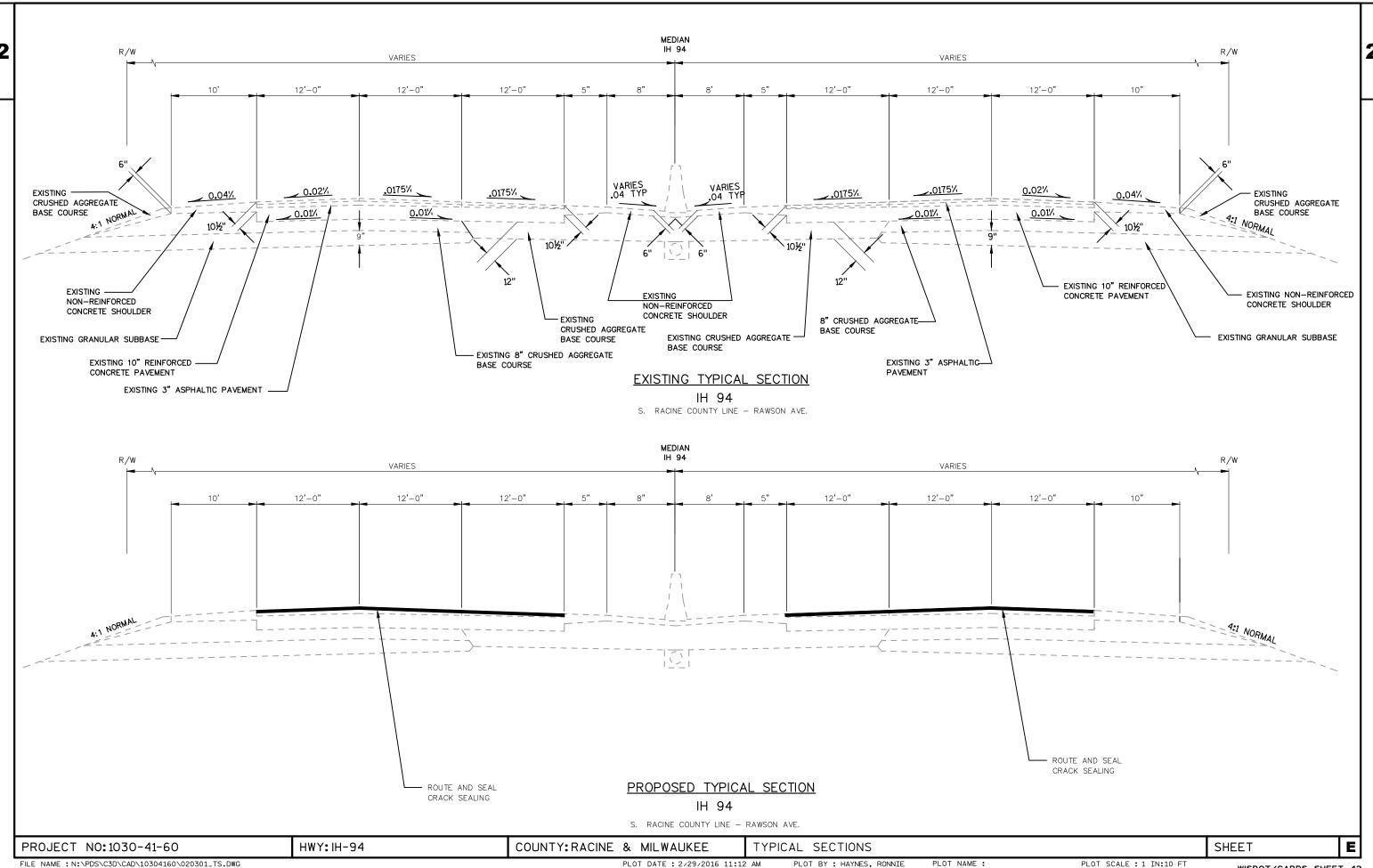
NAME :______ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT NAME : _____ PLOT SCALE : 1:1

2



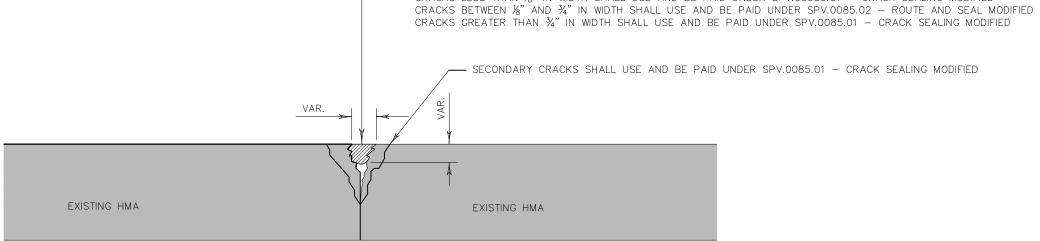
FILE NAME : N:\PDS\C3D\CAD\10304160\020201_PO.DWG
LAYOUT NAME - ****

PLOT DATE : 2/29/2016 11:08 AM PLOT BY : HAYNES, RONNIE PLOT NAME : PLOT SCALE : Custom WISDOT/CADDS SHEET 42



2

-CRACKS LESS THAN ½" IN WIDTH SHALL USE AND BE PAID UNDER SPV.00085.01 — CRACK SEALING MODIFIED



LONGITUDINAL AND / OR TRANSVRSE

ROUTE AND SEAL AND CRACK SEALING — DETAIL

PROJECT NO:1030-41-60 HWY:H-94 COUNTY:RACINE & MILWAUKEE CONSTRUCTION DETAIL SHEET **E**

GENERAL NOTES

TYPE III BARRICADE WITH ATTACHED SIGN

SIGN ON PERMENENT SUPPORT

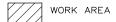
TRAFFIC CONTROL DRUM

FLASHING ARROW BOARD

A TYPE "A" WARNING LIGHT (FLASHING)

* * * REMOVING PAVEMENT MARKING

DIRECTION OF TRAFFIC



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.

"WO" 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.

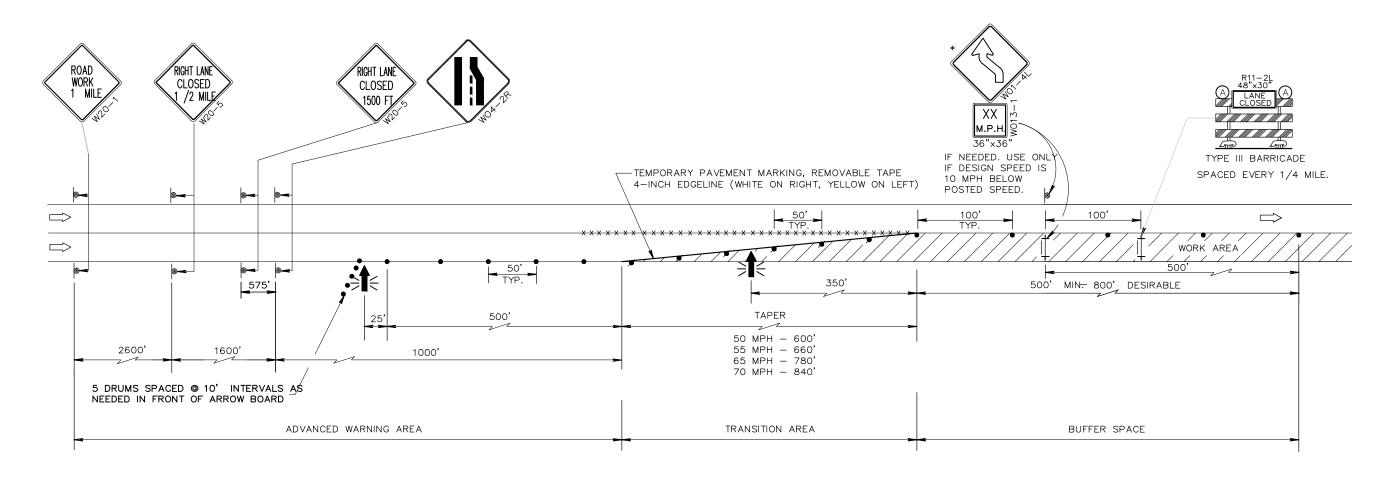
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

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 (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL LANE CLOSURE

PROJECT NO:1030-41-60 HWY: IH-94 COUNTY: RACINE & MILWAUKEE CONSTRUCTION DETAIL SHEET E

DATE 10	MAY16	E S	TIMAT	E O F Q U A N	
LI NE NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	1030-41-60 QUANTI TY
0010	213. 0100	Finishing Roadway (project) 01. 1030-11-60	EACH	1. 000	1. 000
0020	619. 1000	Mobilization	EACH	1. 000	1. 000
0030	624.0100	Water	MGAL	20.000	20.000
0040	643.0100	Traffic Control (project) 01. 1030-11-60	EACH	1.000	1. 000
0050	643. 0300	Traffic Control Drums	DAY	9, 344. 000	9, 344. 000
0060	643. 0420	Traffic Control Barricades Type III	DAY	908. 000	908. 000
0070	643. 0715	Traffic Control Warning Lights Type C	DAY	1, 411. 000	1, 411. 000
0800	643. 0800	Traffic Control Arrow Boards	DAY	96.000	96. 000
0090	643. 0900	Traffic Control Signs	DAY	907.000	907. 000
0100	643. 1050	Traffic Control Signs PCMS	DAY	32. 000	32. 000
0110	646. 0841. S	Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	LF	16, 017. 000	16, 017. 000
0120	646. 0843. S	Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	LF	2, 500. 000	2, 500. 000
0130	646. 2304. S	Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	LF	320, 350. 000	320, 350. 000
0140	647. 0746	Pavement Marking Diagonal Epoxy 24-Inch	LF	500.000	500.000
0150	649. 0400	Temporary Pavement Marking Removable Tape 4-Inch	LF	5, 000. 000	5, 000. 000
0160	SPV. 0085	Special O1. Crack Sealing Modified	LB	19, 658. 000	19, 658. 000
0170	SPV. 0085	Special 02. Route and seal Modified	LB	194, 773. 000	194, 773. 000

ROUTE AND SEAL/ CRACK SEALING

LIMIT		LIMIT	HIGHWAY	NUMBER OF LANES	LENGTH (LF)	SPV.0085.01 CRACK SEALING MODIFIED (LB)	SPV.0085.02 ROUTE AND SEAL MODIFIED (LB)	624.0100 WATER (MGAL)
S. RACINE CO. LINE		STH 20	IH-94 NB	3	55,957	1,525	16,619	
STH 20		CTH G N.	IH-94 NB	3	79,251	2,371	23,255	
CTH G		RACINE CO. LINE	IH-94 NB	3	27,040	809	7,934	
N. RACINE CO. LINE		RAWSON AVE	IH-94 NB	3	113,068	3,383	33,178	
S. RACINE CO. LINE		STH 20	IH-94 SB	3	56,635	1,695	16,619	
STH 20		CTH G N.	IH-94 SB	3	79,251	2,371	23,255	
CTH G		RACINE CO. LINE	IH-94 SB	3	27,040	809	7,934	
N. RACINE CO. LINE		RAWSON AVE	IH-94 SB	3	114,219	3,418	33,516	
UNDISTRIBUTED					110,492	3,276	32,462	20
TOTAL					662,951	19,658	194,773	20

PROJECT NO: 1030-41-60 HWY: NORTH SOUTH FREEWAY COUNTY: RACINE AND MILWAUKEE MISCELLANEOUS QUANTITIES SHEET: **E**

FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT NAME : ____ PLOT SCALE : 1:1

3

13

TRAFFIC CONTROL

								643.0715	643.0800		
			LANES		APPROX.	643.0300	643.0420	WARNING	ARROW	643.0900	643.1050
			BEING	PROJECT	DAYS	DRUMS	BARRICADES	LIGHTS TYPE	BOARDS	SIGNS	SIGNS
LIMIT	 LIMIT	HIGHWAY	CLOSED	LENGTH (LF)	CLOSED	(DAY)	TYPE III (DAY)	C (DAY)	(DAY)	(DAY)	PCMS
S. RACINE CO. LINE	 STH 20	IH-94 NB	2	16,400	3	971	90	153	9	96	3
STH 20	 CTH G	IH-94 NB	2	22,949	4	1,138	112	170	12	110	4
CTH G	 N. RACINE CO. LINE	IH-94 NB	2	7,830	2	569	56	85	6	55	2
N. RACINE CO. LINE	 RAWSON AVE	IH-94 NB	2	32,742	7	1,992	196	298	21	193	7
S. RACINE CO. LINE	 STH 20	IH-94 SB	2	16,400	3	971	90	153	9	96	3
STH 20	 CTH G	IH-94 SB	2	22,949	4	1,138	112	170	12	110	4
CTH G	 N. RACINE CO. LINE	IH-94 SB	2	7,830	2	569	56	85	6	55	2
N. RACINE CO. LINE	 RAWSON AVE	IH-94 SB	2	33,075	7	1,995	196	298	21	193	7
TOTALS					32	9,344	908	1,411	96	907	32

PROJECT NO: 1030-41-60 HWY: NORTH SOUTH FREEWAY COUNTY: RACINE AND MILWAUKEE MISCELLANEOUS QUANTITIES SHEET: **E**

FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT NAME : ____ PLOT SCALE : 1:1

PAVEMENT MARKING ITEMS

						646.2304.S PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4- INCH (SOLID YELLOW)	646.0841.S PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 4- INCH (DASHED WHITE)	646.0843.S PAVEMENT MARKING GROOVED WET REFLECTIVE CONTRAST TAPE 8- INCH (SOLID WHITE)	647.0746 PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)	649.0400 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4- INCH (SOLID WHITE)
LIMIT		LIMIT	HIGHWAY	NUMBER OF LANES	LF	LF	LF	LF	LF	LF
S. RACINE CO. LINE		STH 20	IH 94 NB	3	16,400	16,400				
STH 20		CTH G	IH 94 NB	3	22,949	22,949				
CTH G		N. RACINE CO. LINE	IH 94 NB	3	7,830	7,830				
N. RACINE CO. LINE		RAWSON AVE.	IH 94 NB	3	32,742	32,742				
S. RACINE CO. LINE		STH 20	IH 94 SB	3	16,400	16,400				
STH 20		CTH G N.	IH 94 SB	3	22,949	22,949				
CTH G		RACINE CO. LINE	IH 94 SB	3	7,830	7,830				
N. RACINE CO. LINE		RAWSON AVE.	IH 94 SB	3	33,075	33,075				
SUB- TOTAL					160,175	160,175				
	ISTRIBU	TED					16,017	2,500	500	5,000
TOTALS					320),350	16,017	2,500	500	5,000

PROJECT NO: 1030-41-60 HWY: NORTH SOUTH FREEWAY	COUNTY: RACINE AND MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET:	E
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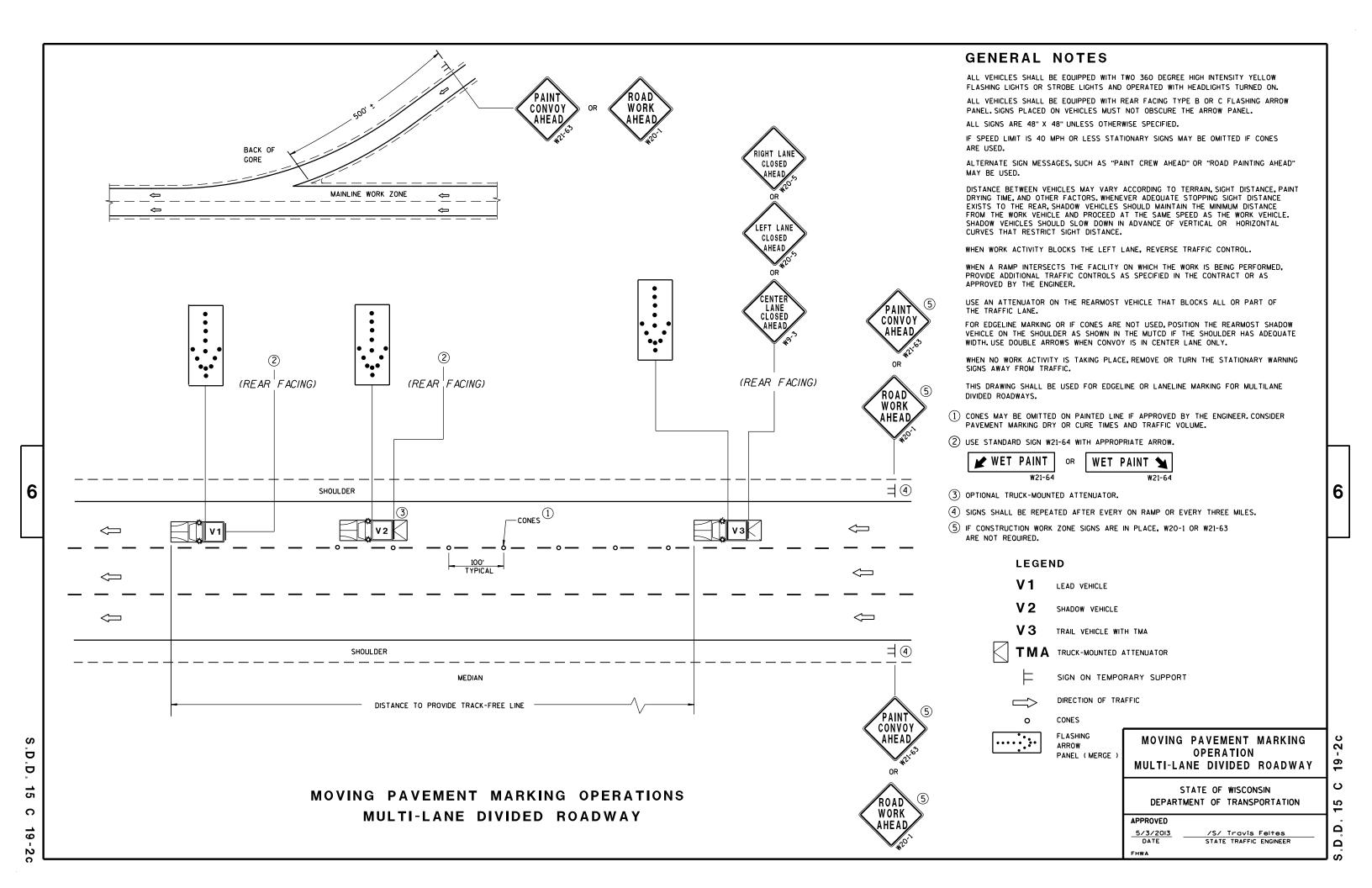
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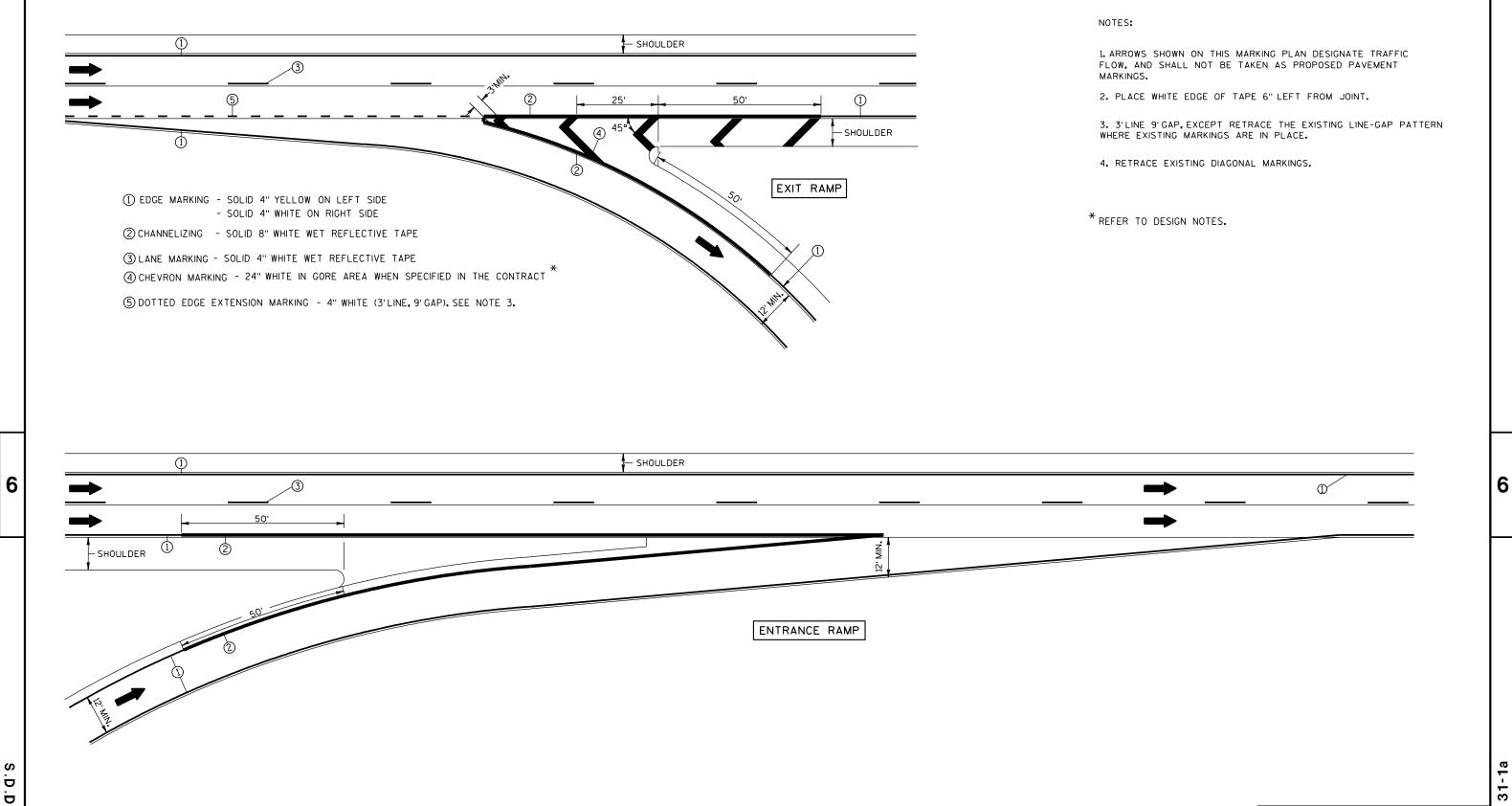
Standard Detail Drawing List

15C08-16A	PAVEMENT MARKING (MAINLINE)
15C19-02C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-01D	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15D12-05A	TRAFFIC CONTROL, LANE CLOSURE
15D14-03	TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT-TERM (LESS THAN 24 HOURS)
15D15-01	TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE
15D16-02	TRAFFIC CONTROL, EXIT RAMP CLOSURE

6





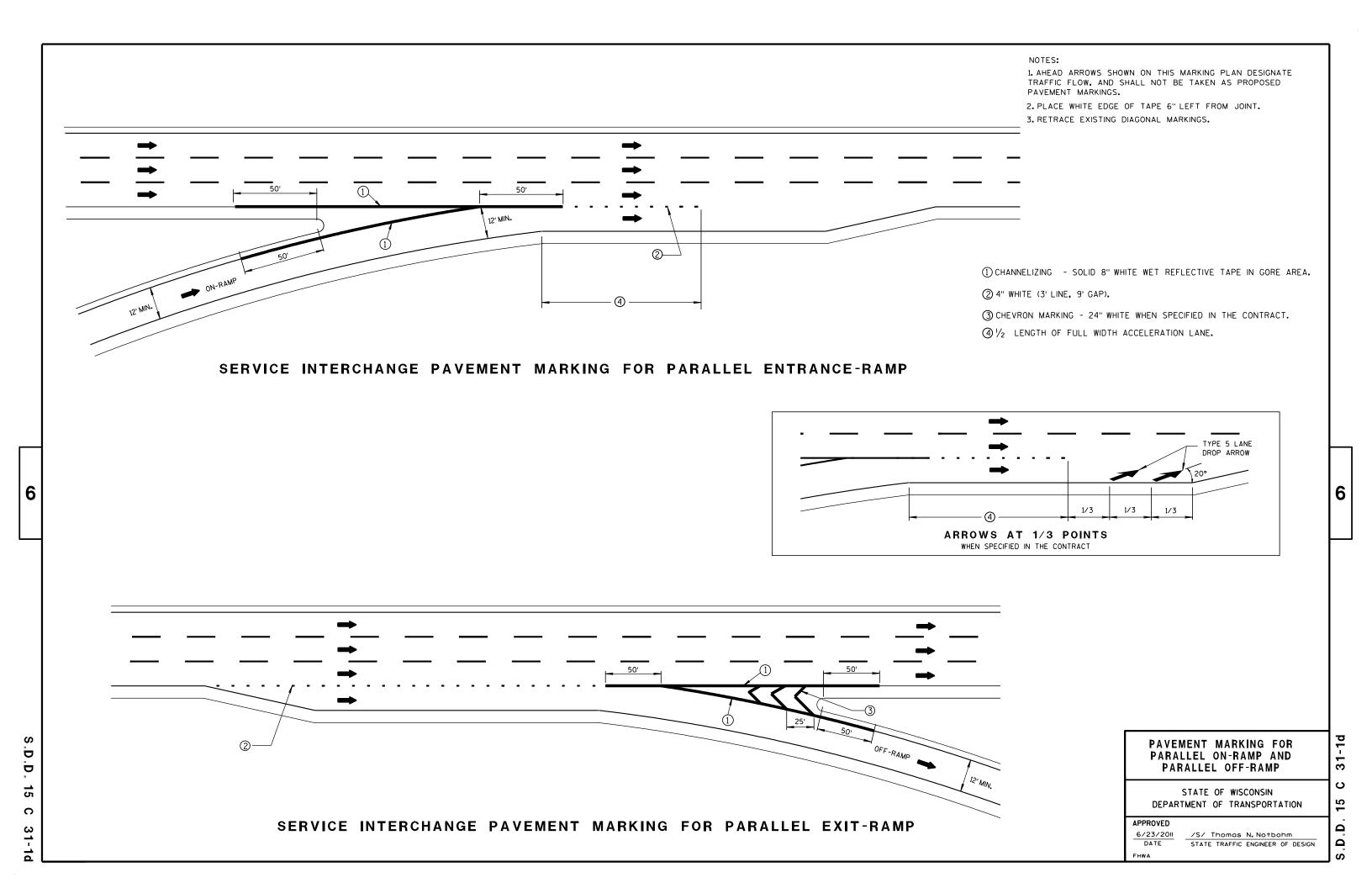


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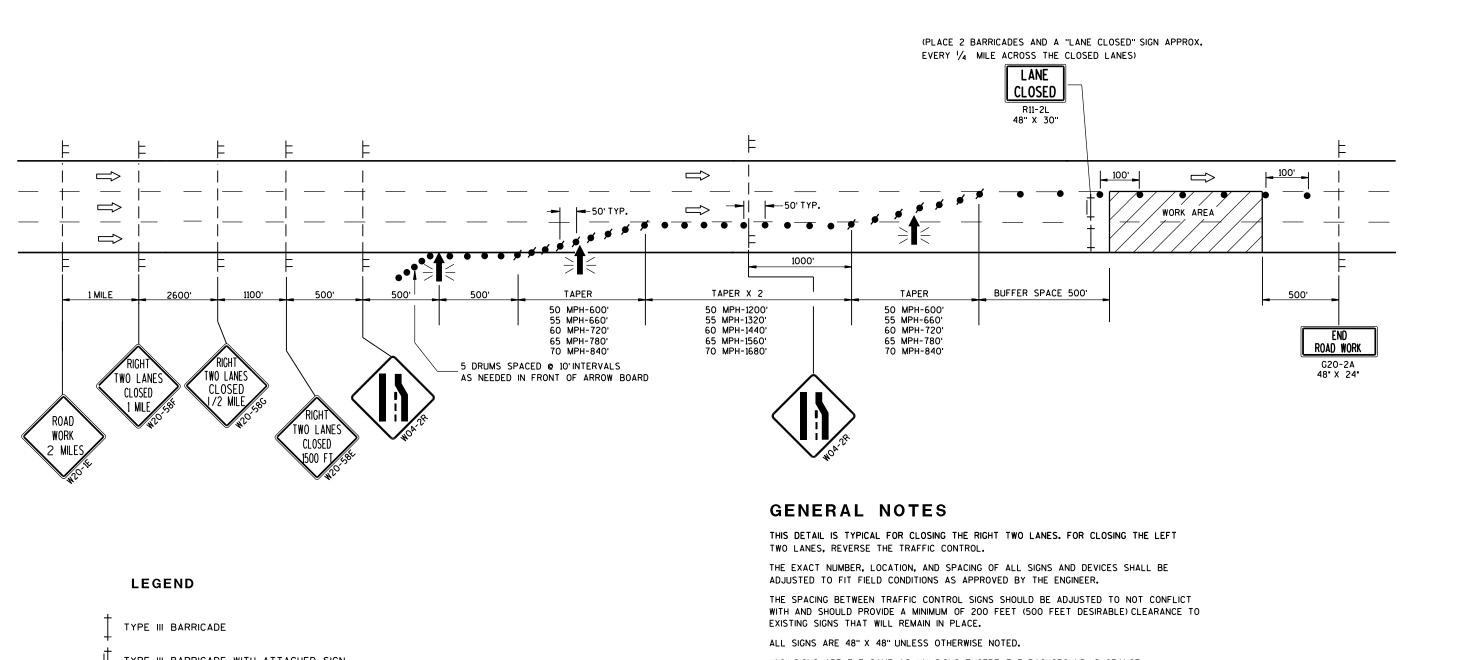
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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (RAMPS AND GORES)



GENERAL NOTES LEGEND THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. 4 OR MORE DAYS AND NIGHTS. TYPE III BARRICADE WITH ATTACHED SIGN THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING OPERATION. SIGN ON PERMENENT SUPPORT IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET. LEFT LANE. TRAFFIC CONTROL DRUM ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST FLASHING ARROW BOARD "WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE. 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. ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" TYPE "A" WARNING LIGHT (FLASHING) 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 SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS. * X -X REMOVING PAVEMENT MARKING CROSSOVER MANEUVER. CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS * THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL. DIRECTION OF TRAFFIC 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. 6 6 WORK CLOSED CLOSED I MILE 1500 F XX м.Р.н 36"×36' IF NEEDED. USE ONLY TYPE III BARRICADE IF DESIGN SPEED IS TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE SPACED EVERY 1/4 MILE. 10 MPH BELOW 4-INCH EDGELINE (WHITE ON RIGHT, YELLOW ON LEFT) POSTED SPEED. 100' \Rightarrow \Rightarrow \Rightarrow WORK AREA 50' 350' 500' MIN. - 800' DESIRABLE 575 TAPER 500 50 MPH - 600' 55 MPH - 660' 2600' 1600' 1000' 65 MPH - 780' TRAFFIC CONTROL, 2 D LANE CLOSURE 5 DRUMS SPACED @ 10' INTERVALS AS 2 Ö NEEDED IN FRONT OF ARROW BOARD 15 Ω STATE OF WISCONSIN ADVANCED WARNING AREA TRANSITION AREA **BUFFER SPACE** DEPARTMENT OF TRANSPORTATION D **APPROVED** /S/ Travis Feltes N Feb. 2015 STATE TRAFFIC ENGINEER OF DESIGN Ω FHWA



6

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

"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-IE 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.

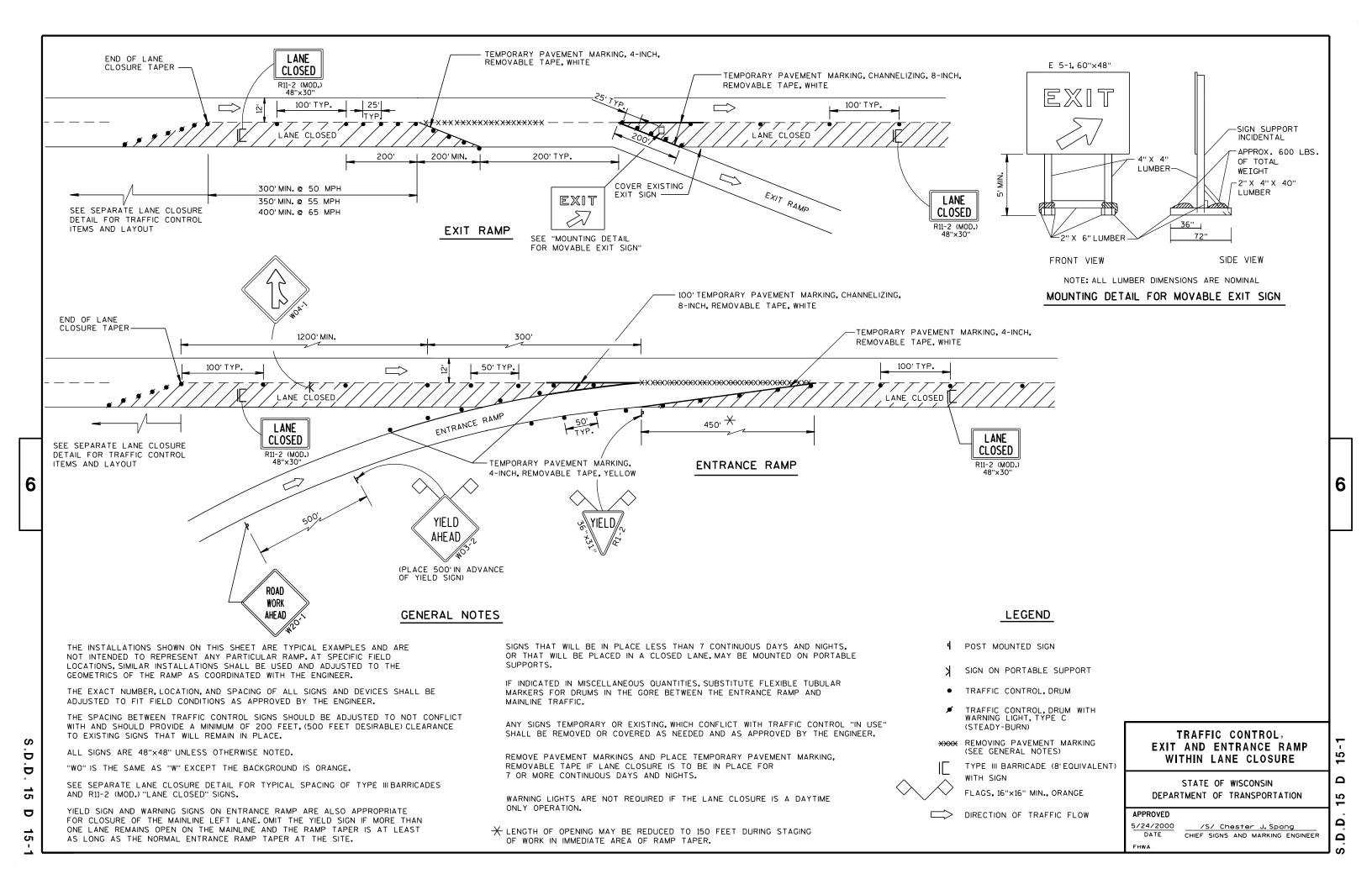
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

July 14, 2015 /S/ Peter Amakobe Atepe DATE STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

Ω



LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

TRAFFIC CONTROL DRUM

SIGN ON PERMANENT SUPPORT

(A) TYPE "A" WARNING LIGHT (FLASHING)

DIRECTION OF TRAFFIC

16

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, 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.

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.

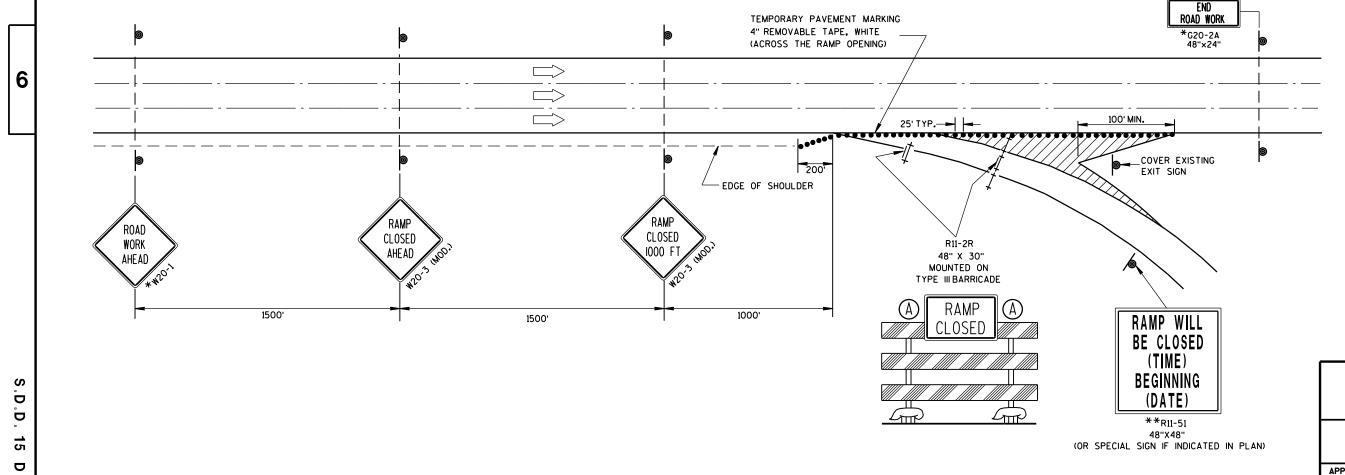
PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF RAMP CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROPOFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN THE WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12-HOUR DURATION.

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

** PLACE "RAMP WILL BE CLOSED" SIGN 10 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 8/2013

B/2013

DATE

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