

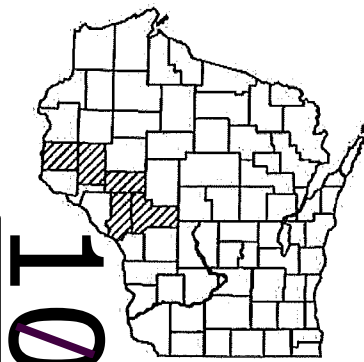
EAU  
PROJECT ID: 1020-10-82  
WITH: 1020-10-83, 1020-10-84, 1020-10-85

JUNE 2015

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. 5	Plan
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans

TOTAL SHEETS = 18



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

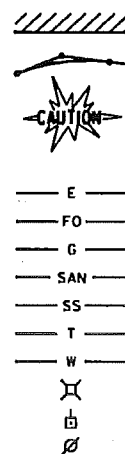
END PROJECT ID 1020-10-82

BEGIN PROJECT ID 1020-10-83

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

ST. CROIX COUNTY,  
INTERSTATE HWY 94

BRIDGE DECK SEALING (VARIOUS BRDGS)

IH 94 EB & WB  
ST. CROIX COUNTY

STATE PROJECT NUMBER  
1020-10-82

DUNN COUNTY,  
INTERSTATE HWY 94

BRIDGE DECK SEALING (VARIOUS BRDGS)

IH 94 EB & WB  
DUNN COUNTY

STATE PROJECT NUMBER  
1020-10-83

EAU CLAIRE COUNTY,  
INTERSTATE HWY 94

BRIDGE DECK SEALING (VARIOUS BRDGS)

IH 94 EB & WB  
EAU CLAIRE COUNTY

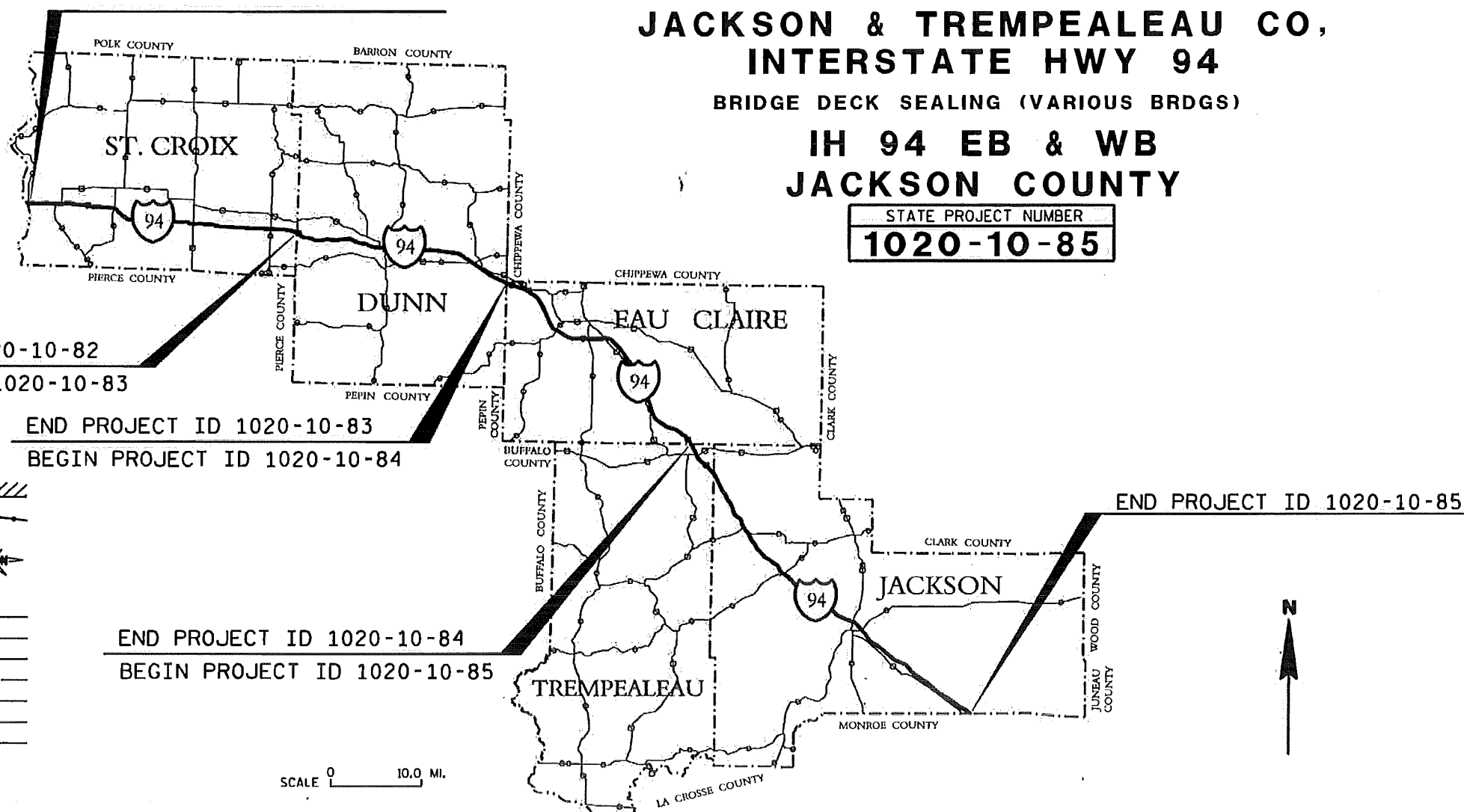
STATE PROJECT NUMBER  
1020-10-84

JACKSON & TREMPLEALEU CO.,  
INTERSTATE HWY 94

BRIDGE DECK SEALING (VARIOUS BRDGS)

IH 94 EB & WB  
JACKSON COUNTY

STATE PROJECT NUMBER  
1020-10-85



ORIGINAL PLANS PREPARED BY

**KL Engineering**  
Better Experience



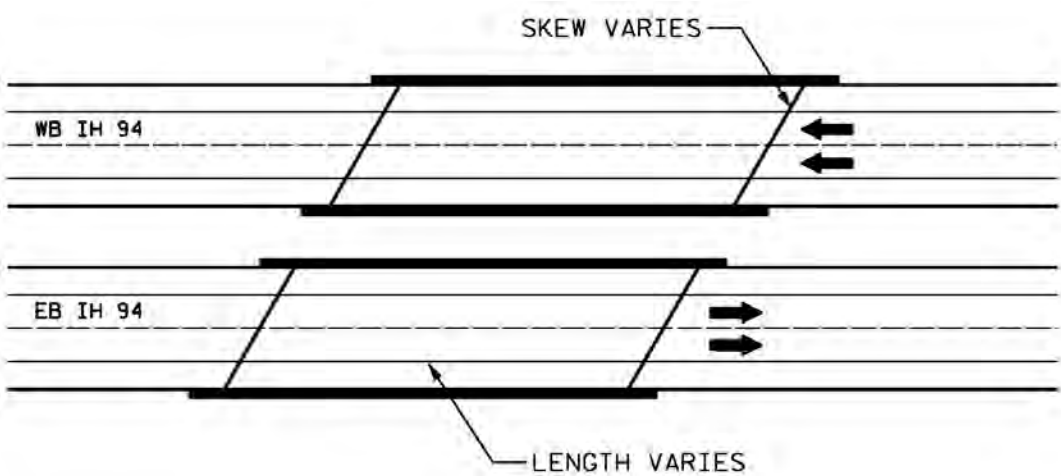
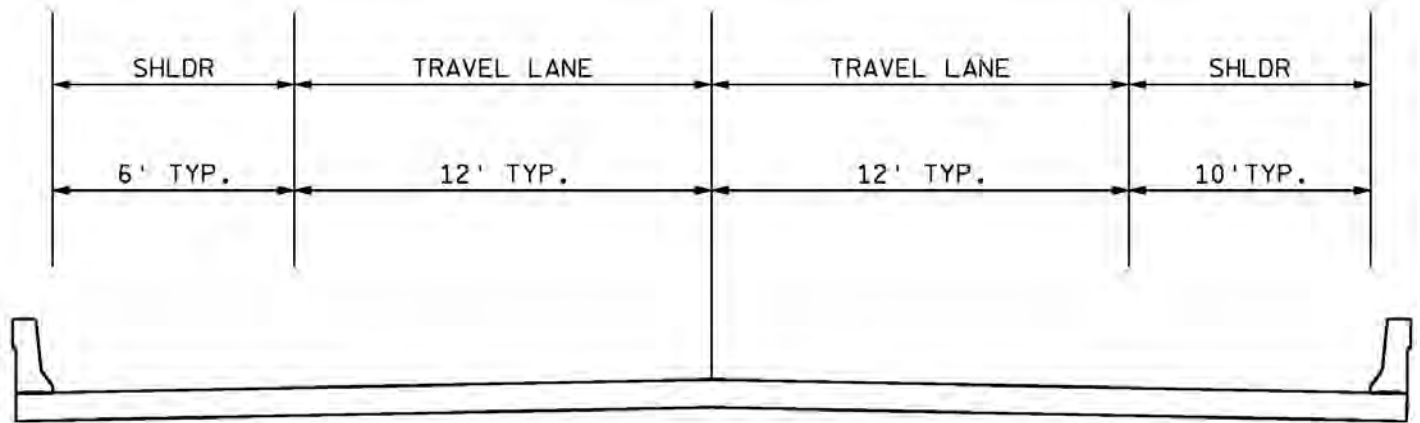
2/20/15  
(Date) Aaron Steger  
(Signature)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY  
Surveyor N/A  
Designer KL ENGINEERING/WISDOT  
Project Manager NICOLE PASSUELLO  
Regional Examiner DANIEL OJBWAY  
Regional Supervisor MARK FLOEDERER  
C.O. Examiner

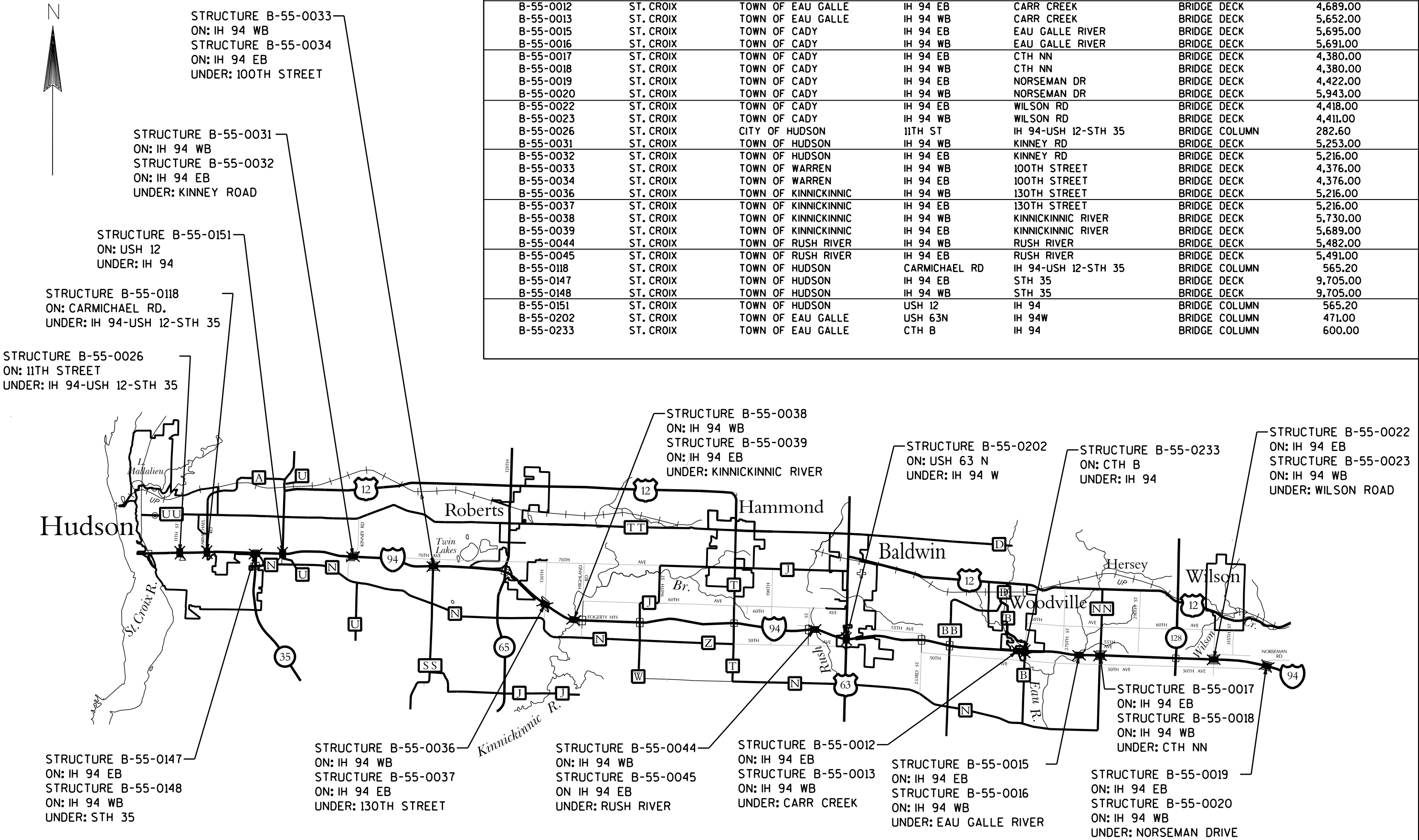
APPROVED FOR THE DEPARTMENT  
DATE: 2/20/15 Nicole Passuello  
(Signature)

E

2	<div>AREA CONTACTS</div> <div><div>WISDOT NW REGION CONTACTS</div><div>NICOLE PASSUELLO 718 W. CLAIREMONT AVENUE EAU CLAIRE, WI 54701 (715) 836-3920</div></div> <div><div>WISDOT NW REGION COUNTY CONTACTS</div><div><div>ST. CROIX &amp; DUNN COUNTY</div><div>MIKE BURKE (715) 577-5395</div><div>EAU CLAIRE COUNTY</div><div>RICHARD RICKSECKER (715) 225-9318</div><div>JACKSON COUNTY</div><div>DAWN SCHULTZ (715) 737-2482</div><div>TREMPELEAU COUNTY</div><div>BRENDA MCNALLAN (715) 577-3540</div><div>NW REGION MAINTENANCE SUPERVISOR</div><div>MIKE OSTRENGA CELL: (715) 225-9391</div></div></div> <div><div>DNR (ST. CROIX, DUNN, EAU CLAIRE)</div><div>CHRIS WILLGER DNR WEST CENTRAL REGION HQ 1300 WEST CLAIREMONT STREET EAU CLAIRE, WI 54701 (715) 836-1609</div></div> <div><div>DNR (TREMPEALEAU, JACKSON)</div><div>KAREN KALVELAGE DNR SERVICE CENTER 3550 MORMON COULEE ROAD LA CROSSE, WI 54601 (608) 785-9115</div></div>	<div><div>DIGGERSHOTLINE</div><div>Dial 811 or (800) 242-8511</div><div>www.DiggersHotline.com</div></div>	<div>GENERAL NOTES</div> <div><div>1) WORK CONSISTS OF PREPARATION OF UPPER SIDE OF CONCRETE DECK, PARAPET SURFACE, AND PIER COLUMNS AND APPLICATION OF CONCRETE PROTECTIVE SURFACE TREATMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.</div><div>2) THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL 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.</div><div>3) IH 94 WILL BE KEPT OPEN TO A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.</div><div>4) LANE CLOSURES WILL ONLY BE ALLOWED DURING TIMES SPECIFIED IN THE SPECIAL PROVISIONS.</div><div>5) SIGNS AND DEVICES WILL BE IN CONFORMANCE WITH THE WI MANUAL OF TRAFFIC CONTROL DEVICES (WMUTCD).</div><div>6) THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES WILL BE ADJUSTED TO FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.</div></div>	2						
	<div>RAILROAD NOTES</div> <div>RAILROAD INSURANCE AND COORDINATION REQUIRED FOR ANY AND ALL WORK ON STRUCTURES THAT SPAN PROPERTY OWNED BY RAILROAD COMPANIES. WORK UNDER THIS CONTRACT INVOLVES WORK ON THE UPPER SIDE OF STRUCTURES THAT SPAN PROPERTY OWNED BY THE FOLLOWING RAILROAD COMPANIES. SEE SPECIAL PROVISIONS FOR CONTRACT INFORMATION.</div> <div><div>- UNION PACIFIC RAILROAD COMPANY</div><div>- WISCONSIN CENTRAL LTD</div></div>									
<div><div><div><div>DECK NOTES</div><div><div>- ENTIRE DECK SURFACE TO BE CLEANED AND SEALED.</div><div>- INLET PROTECTION REQUIRED DURING CLEANING AND SEALING WORK ON THE STRUCTURES WITH FLOOR DRAINS.</div><div>- USE TYPE FF FABRIC DURING CLEANING ACTIVITIES.</div><div>- USE IMPERVIOUS FABRIC DURING SEALING ACTIVITIES.</div></div></div><div><div>PIER COLUMN NOTES</div><div>- PIER COLUMN SEALING ESTIMATED QUANTITY IS BASED ON A 10-FT COLUMN HEIGHT FOR EACH COLUMN ON EACH PIER.</div></div><div><div>PARAPET NOTES</div><div><div>- INSIDE FACE AND TOP TO BE CLEANED AND SEALED.</div><div>- TOP SURFACE TO BE ROLLED OR BRUSHED.</div><div>- PARAPET TYPE AND HEIGHT VARIES.</div><div>- SURFACE AREA INCLUDED IN QUANTITY SUMMARY.</div><div>- AVG 2'-6" HEIGHT USED FOR QUANTITY ESTIMATE.</div></div></div></div><div><div><div><div><div><div><div>SKEW VARIES</div><div>WB IH 94</div><div>EB IH 94</div><div>LENGTH VARIES</div></div><div></div><div><div>TYP. 10' SHLDR</div><div>TYP. 12' LANE</div><div>TYP. 12' LANE</div><div>SHLDR VARIES (6' TYP)</div><div>TYP. 60' MEDIAN</div><div>SHLDR VARIES (6' TYP)</div><div>TYP. 12' LANE</div><div>TYP. 12' LANE</div><div>TYP. 10' SHLDR</div></div></div><div><div>TYPICAL DECK PLAN VIEW</div><div>4-LANE DIVIDED HWY - TYPICAL IH 94</div></div></div><div><div><div><div><div>SHLDR</div><div>TRAVEL LANE</div><div>TRAVEL LANE</div><div>SHLDR</div></div><div><div>6' TYP.</div><div>12' TYP.</div><div>12' TYP.</div><div>10' TYP.</div></div></div><div></div><div><div>TYPICAL DECK CROSS SECTION VIEW</div><div>4-LANE DIVIDED HWY - TYPICAL IH 94</div></div></div></div><table><tr><td>PROJECT NO: 1020-10-82</td><td>HWY: IH 94</td><td>COUNTY: VARIOUS COUNTIES</td><td>GENERAL NOTES</td><td>SHEET</td><td>E</td></tr></table></div></div></div></div>					PROJECT NO: 1020-10-82	HWY: IH 94	COUNTY: VARIOUS COUNTIES	GENERAL NOTES	SHEET	E
PROJECT NO: 1020-10-82	HWY: IH 94	COUNTY: VARIOUS COUNTIES	GENERAL NOTES	SHEET	E					

PROJECT 1020-10-82 - ST. CROIX COUNTY STRUCTURE SUMMARY

STRUCTURE ID	COUNTY	MUNICIPALITY	HWY ON	FEATURE UNDER	TYPE	SURFACE AREA (SF)
B-55-0012	ST. CROIX	TOWN OF EAU GALLE	IH 94 EB	CARR CREEK	BRIDGE DECK	4,689.00
B-55-0013	ST. CROIX	TOWN OF EAU GALLE	IH 94 WB	CARR CREEK	BRIDGE DECK	5,652.00
B-55-0015	ST. CROIX	TOWN OF CADY	IH 94 EB	EAU GALLE RIVER	BRIDGE DECK	5,695.00
B-55-0016	ST. CROIX	TOWN OF CADY	IH 94 WB	EAU GALLE RIVER	BRIDGE DECK	5,691.00
B-55-0017	ST. CROIX	TOWN OF CADY	IH 94 EB	CTH NN	BRIDGE DECK	4,380.00
B-55-0018	ST. CROIX	TOWN OF CADY	IH 94 WB	CTH NN	BRIDGE DECK	4,380.00
B-55-0019	ST. CROIX	TOWN OF CADY	IH 94 EB	NORSEMAN DR	BRIDGE DECK	4,422.00
B-55-0020	ST. CROIX	TOWN OF CADY	IH 94 WB	NORSEMAN DR	BRIDGE DECK	5,943.00
B-55-0022	ST. CROIX	TOWN OF CADY	IH 94 EB	WILSON RD	BRIDGE DECK	4,418.00
B-55-0023	ST. CROIX	TOWN OF CADY	IH 94 WB	WILSON RD	BRIDGE DECK	4,411.00
B-55-0026	ST. CROIX	CITY OF HUDSON	11TH ST	IH 94-USH 12-STH 35	BRIDGE COLUMN	282.60
B-55-0031	ST. CROIX	TOWN OF HUDSON	IH 94 WB	KINNEY RD	BRIDGE DECK	5,253.00
B-55-0032	ST. CROIX	TOWN OF HUDSON	IH 94 EB	KINNEY RD	BRIDGE DECK	5,216.00
B-55-0033	ST. CROIX	TOWN OF WARREN	IH 94 WB	100TH STREET	BRIDGE DECK	4,376.00
B-55-0034	ST. CROIX	TOWN OF WARREN	IH 94 EB	100TH STREET	BRIDGE DECK	4,376.00
B-55-0036	ST. CROIX	TOWN OF KINNICKINNIC	IH 94 WB	130TH STREET	BRIDGE DECK	5,216.00
B-55-0037	ST. CROIX	TOWN OF KINNICKINNIC	IH 94 EB	130TH STREET	BRIDGE DECK	5,216.00
B-55-0038	ST. CROIX	TOWN OF KINNICKINNIC	IH 94 WB	KINNICKINNIC RIVER	BRIDGE DECK	5,730.00
B-55-0039	ST. CROIX	TOWN OF KINNICKINNIC	IH 94 EB	KINNICKINNIC RIVER	BRIDGE DECK	5,689.00
B-55-0044	ST. CROIX	TOWN OF RUSH RIVER	IH 94 WB	RUSH RIVER	BRIDGE DECK	5,482.00
B-55-0045	ST. CROIX	TOWN OF RUSH RIVER	IH 94 EB	RUSH RIVER	BRIDGE DECK	5,491.00
B-55-0118	ST. CROIX	TOWN OF HUDSON	CARMICHAEL RD	IH 94-USH 12-STH 35	BRIDGE COLUMN	565.20
B-55-0147	ST. CROIX	TOWN OF HUDSON	IH 94 EB	STH 35	BRIDGE DECK	9,705.00
B-55-0148	ST. CROIX	TOWN OF HUDSON	IH 94 WB	STH 35	BRIDGE DECK	9,705.00
B-55-0151	ST. CROIX	TOWN OF HUDSON	USH 12	IH 94	BRIDGE COLUMN	565.20
B-55-0202	ST. CROIX	TOWN OF EAU GALLE	USH 63N	IH 94W	BRIDGE COLUMN	471.00
B-55-0233	ST. CROIX	TOWN OF EAU GALLE	CTH B	IH 94	BRIDGE COLUMN	600.00



## PROJECT 1020-10-83 - DUNN COUNTY STRUCTURE SUMMARY

STRUCTURE ID	COUNTY	MUNICIPALITY	HWY ON	FEATURE UNDER	TYPE	SURFACE AREA (SF)
B-17-0018	DUNN	TOWN OF LUCAS	IH 94 EB	CTH Q	BRIDGE DECK	4,411.00
B-17-0019	DUNN	TOWN OF LUCAS	IH 94 WB	CTH Q	BRIDGE DECK	4,411.00
B-17-0020	DUNN	TOWN OF LUCAS	HALL ESTATE RD	IH 94	BRIDGE COLUMN	847.80
B-17-0021	DUNN	TOWN OF LUCAS	IH 94 EB	VALLEY RD	BRIDGE DECK	4,426.00
B-17-0022	DUNN	TOWN OF LUCAS	IH 94 WB	VALLEY RD	BRIDGE DECK	4,416.00
B-17-0023	DUNN	TOWN OF MENOMONIE	IH 94 EB	CTH K	BRIDGE DECK	4,923.00
B-17-0024	DUNN	TOWN OF MENOMONIE	IH 94 WB	CTH K	BRIDGE DECK	4,911.00
B-17-0025	DUNN	TOWN OF MENOMONIE	IH 94 EB	STEWARD RD	BRIDGE DECK	4,422.00
B-17-0026	DUNN	TOWN OF MENOMONIE	IH 94 WB	STEWARD RD	BRIDGE DECK	4,411.00
B-17-0027	DUNN	TOWN OF MENOMONIE	IH 94 EB	RUDINGER RD	BRIDGE DECK	4,888.00
B-17-0028	DUNN	TOWN OF MENOMONIE	IH 94 WB	RUDINGER RD	BRIDGE DECK	4,877.00
B-17-0029	DUNN	CITY OF MENOMONIE	STH 25-BROADWAY ST	IH 94	BRIDGE COLUMN	565.20
B-17-0034	DUNN	TOWN OF ELK MOUND	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	2,595.00
B-17-0035	DUNN	TOWN OF ELK MOUND	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	2,595.00
B-17-0036	DUNN	TOWN OF ELK MOUND	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	1,329.00
B-17-0037	DUNN	TOWN OF ELK MOUND	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	1,329.00
B-17-0038	DUNN	TOWN OF ELK MOUND	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	1,329.00
B-17-0039	DUNN	TOWN OF ELK MOUND	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	1,323.00
B-17-0040	DUNN	CITY OF MENOMONIE	WILSON ST	IH 94	BRIDGE COLUMN	847.80
B-17-0043	DUNN	TOWN OF RED CEDAR	CTH E	IH 94	BRIDGE COLUMN	847.80
B-17-0044	DUNN	TOWN OF RED CEDAR	NEY RD	IH 94	BRIDGE COLUMN	847.80
B-17-0049	DUNN	VILLAGE OF ELK MOUND	HOLLY AVE	IH 94	BRIDGE COLUMN	847.80
B-17-0054	DUNN	TOWN OF MENOMONIE	IH 94 WB	USH 12	BRIDGE DECK	6,758.00
B-17-0055	DUNN	TOWN OF MENOMONIE	IH 94 EB	USH 12	BRIDGE DECK	5,752.00
B-17-0059	DUNN	TOWN OF ELK MOUND	IH 94 WB	USH 12-STH 29	BRIDGE DECK	14,351.00
B-17-0060	DUNN	TOWN OF ELK MOUND	IH 94 EB	USH 12-STH 29	BRIDGE DECK	14,351.00
B-17-0061	DUNN	TOWN OF ELK MOUND	DIVISION ST	IH 94	BRIDGE COLUMN	847.80
B-17-0144	DUNN	TOWN OF RED CEDAR	CTH B NB	IH 94	BRIDGE COLUMN	282.60
B-17-0145	DUNN	TOWN OF RED CEDAR	CTH B SB	IH 94	BRIDGE COLUMN	282.60
B-17-0174	DUNN	TOWN OF MENOMONIE	IH 94 WB	WILSON CREEK	BRIDGE DECK	6,366.00
B-17-0175	DUNN	TOWN OF MENOMONIE	IH 94 EB	WILSON CREEK	BRIDGE DECK	8,102.00
B-17-0193	DUNN	CITY OF MENOMONIE	STOKKE PRWY.	IH 94	BRIDGE COLUMN	376.80
B-17-0199	DUNN	TOWN OF ELK MOUND	IH 94 WB	490TH AVE.	BRIDGE DECK	10,466.00
B-17-0200	DUNN	TOWN OF ELK MOUND	IH 94 EB	490TH AVE.	BRIDGE DECK	10,466.00

STRUCTURE B-17-0023  
ON: IH 94 EB  
STRUCTURE B-17-0024  
ON: IH 94 WB  
UNDER: CTH K

STRUCTURE B-17-0021  
ON: IH 94 EB  
STRUCTURE B-17-0022  
ON: IH 94 WB  
UNDER: VALLEY ROAD

STRUCTURE B-17-0020  
ON: HALL ESTATE RD.  
UNDER: IH 94

STRUCTURE B-17-0018  
ON: IH 94 EB  
STRUCTURE B-17-0019  
ON: IH 94 WB  
UNDER: CTH Q

STRUCTURE B-17-0174  
ON: IH 94 WB  
STRUCTURE B-17-0175  
ON: IH 94 EB  
UNDER: WILSON CREEK

STRUCTURE B-17-0193  
ON: STOKKE PARKWAY  
UNDER: IH 94 WB

STRUCTURE B-17-0144  
ON: CTH B NB  
STRUCTURE B-17-0145  
ON: CTH B SB  
UNDER: IH 94

STRUCTURE B-17-0036  
ON: IH 94 WB  
STRUCTURE B-17-0037  
ON: IH 94 EB  
UNDER: ELK MOUND MARSH

STRUCTURE B-17-0059  
ON: IH 94 WB  
STRUCTURE B-17-0060  
ON: IH 94 EB  
UNDER: USH 12-STH 29

STRUCTURE B-17-0061  
ON: DIVISION ST.  
UNDER: IH 94

STRUCTURE B-17-0049  
ON: HOLLY AVE.  
UNDER: IH 94

STRUCTURE B-17-0043  
ON: CTH E  
UNDER: IH 94

STRUCTURE B-17-0044  
ON: NEY ROAD  
UNDER: IH 94

STRUCTURE B-17-0040  
ON: WILSON STREET  
UNDER: IH 94

STRUCTURE B-17-0034  
ON: IH 94 WB  
STRUCTURE B-17-0035  
ON: IH 94 EB  
UNDER: ELK MOUND MARSH

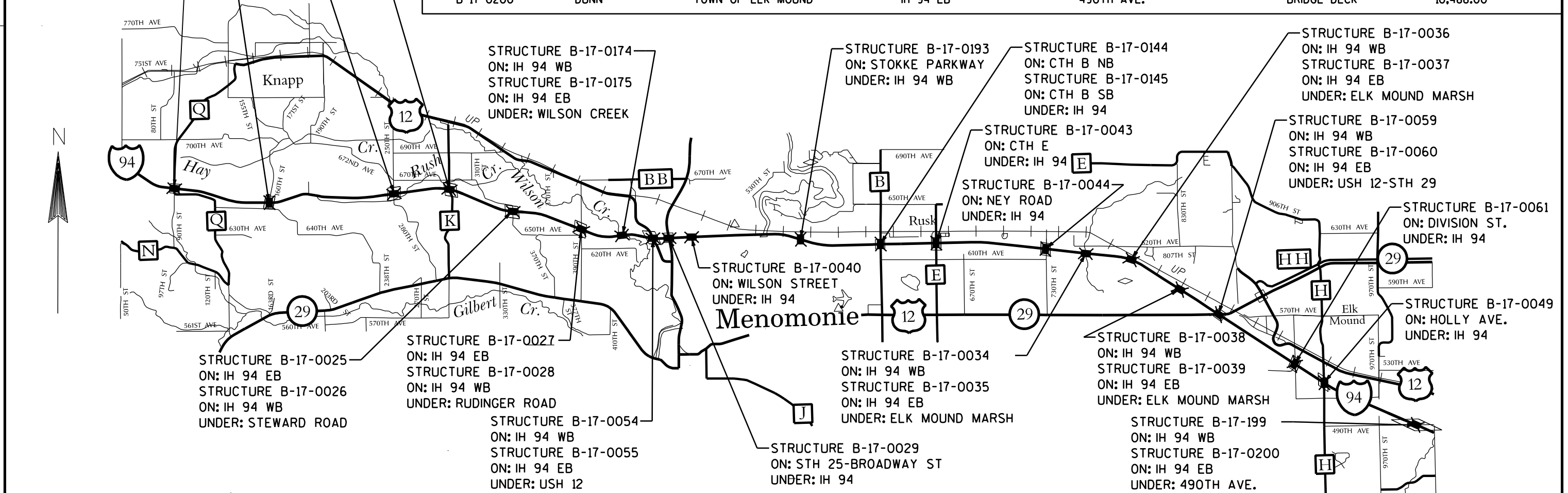
STRUCTURE B-17-0038  
ON: IH 94 WB  
STRUCTURE B-17-0039  
ON: IH 94 EB  
UNDER: ELK MOUND MARSH

STRUCTURE B-17-199  
ON: IH 94 WB  
STRUCTURE B-17-0200  
ON: IH 94 EB  
UNDER: 490TH AVE.

STRUCTURE B-17-0027  
ON: IH 94 EB  
STRUCTURE B-17-0028  
ON: IH 94 WB  
UNDER: RUDINGER ROAD

STRUCTURE B-17-0054  
ON: IH 94 WB  
STRUCTURE B-17-0055  
ON: IH 94 EB  
UNDER: USH 12

STRUCTURE B-17-0029  
ON: STH 25-BROADWAY ST  
UNDER: IH 94





STRUCTURE B-18-0011  
ON: IH 94 WB  
STRUCTURE B-18-0012  
ON: IH 94 EB  
UNDER: ELK CREEK

STRUCTURE B-18-0014  
ON: ELK CREEK ROAD  
UNDER: IH 94

STRUCTURE B-18-0018  
ON: CTH TT  
UNDER: IH 94

STRUCTURE B-18-0015  
ON: CONNECTOR USH 12-IH 94  
UNDER: IH 94

STRUCTURE B-18-0017  
ON: CTH EE  
UNDER: IH 94

Eau  
Claire

STRUCTURE B-18-0207  
ON: IH 94 EB  
STRUCTURE B-18-0208  
ON: IH 94 WB  
UNDER: CTH C

STRUCTURE B-18-0034  
ON: STH 93 SB  
STRUCTURE B-18-0119  
ON: STH 93 NB  
UNDER: IH 94

STRUCTURE B-18-0205  
ON: IH 94 EB  
STRUCTURE B-18-0206  
ON: IH 94 WB  
UNDER: CTH E

STRUCTURE B-18-0044  
ON: IH 94 WB  
STRUCTURE B-18-0045  
ON: IH 94 EB  
UNDER: CHIPPEWA RIVER

STRUCTURE B-18-0023  
ON: IH 94 EB  
STRUCTURE B-18-0024  
ON: IH 94 WB  
UNDER: CHIPPEWA RIVER

STRUCTURE B-18-0025  
ON: IH 94 EB  
STRUCTURE B-18-0026  
ON: IH 94 WB  
UNDER: STH 37-STH 85

STRUCTURE B-18-0203  
ON: IH 94 EB  
STRUCTURE B-18-0204  
ON: IH 94 WB  
UNDER: LOWES CREEK

STRUCTURE B-18-0031  
ON: LOWES CREEK ROAD  
UNDER: IH 94

STRUCTURE B-18-0029  
ON: IH 94 EB  
STRUCTURE B-18-0030  
ON: IH 94 WB  
UNDER: CTH F

STRUCTURE B-18-0151  
ON: IH 94 EB  
STRUCTURE B-18-0152  
ON: IH 94 WB  
UNDER: OTTER CREEK

STRUCTURE B-18-0216  
ON: IH 94 EB  
UNDER: E. MALLARD ROAD

STRUCTURE B-18-0059  
ON: CTH V  
UNDER: IH 94

STRUCTURE B-18-0055  
ON: IH 94 EB  
UNDER: OTTER CREEK

STRUCTURE B-18-0224  
ON: IH 94 EB  
UNDER: CTH HH

STRUCTURE B-18-0065  
ON: E. ROBIN ROAD  
UNDER: IH 94

STRUCTURE B-18-0066  
ON: CTH K  
UNDER: IH 94

STRUCTURE B-18-0067  
ON: RYDER ROAD  
UNDER: IH 94

## PROJECT 1020-10-84 - EAU CLAIRE COUNTY STRUCTURE SUMMARY

STRUCTURE ID	COUNTY	MUNICIPALITY	HWY ON	FEATURE UNDER	TYPE	SURFACE AREA (SF)
B-18-0011	EAU CLAIRE	TOWN OF UNION	IH 94 WB	ELK CREEK	BRIDGE DECK	7,370.00
B-18-0012	EAU CLAIRE	TOWN OF UNION	IH 94 EB	ELK CREEK	BRIDGE DECK	7,370.00
B-18-0014	EAU CLAIRE	TOWN OF UNION	ELK CREEK RD	IH 94	BRIDGE COLUMN	847.80
B-18-0015	EAU CLAIRE	TOWN OF UNION	CONNECTOR USH 12-IH 94	IH 94	BRIDGE COLUMN	1,413.00
B-18-0017	EAU CLAIRE	TOWN OF UNION	CTH EE	IH 94	BRIDGE COLUMN	847.80
B-18-0018	EAU CLAIRE	TOWN OF UNION	CTH TT	IH 94	BRIDGE COLUMN	847.80
B-18-0023	EAU CLAIRE	TOWN OF UNION	IH 94 EB	CHIPPEWA RIVER 04	BRIDGE DECK	33,092.00
B-18-0024	EAU CLAIRE	TOWN OF UNION	IH 94 WB	CHIPPEWA RIVER 05	BRIDGE DECK	31,972.00
B-18-0025	EAU CLAIRE	TOWN OF BRUNDSWICK	IH 94 EB	STH 37-STH 85	BRIDGE DECK	9,005.00
B-18-0026	EAU CLAIRE	TOWN OF BRUNDSWICK	IH 94 WB	STH 37-STH 85	BRIDGE DECK	10,380.00
B-18-0029	EAU CLAIRE	TOWN OF WASHINGTON	IH 94 EB	CTH F	BRIDGE DECK	4,460.00
B-18-0030	EAU CLAIRE	TOWN OF WASHINGTON	IH 94 WB	CTH F	BRIDGE DECK	4,460.00
B-18-0031	EAU CLAIRE	TOWN OF WASHINGTON	LOWE CREEK RD	IH 94	BRIDGE COLUMN	847.80
B-18-0034	EAU CLAIRE	TOWN OF WASHINGTON	STH 93 SB	IH 94	BRIDGE COLUMN	847.80
B-18-0044	EAU CLAIRE	TOWN OF UNION	IH 94 WB	CHIPPEWA RIVER OVERFLOW	BRIDGE DECK	8,505.00
B-18-0045	EAU CLAIRE	TOWN OF UNION	IH 94 EB	CHIPPEWA RIVER OVERFLOW	BRIDGE DECK	8,505.00
B-18-0055	EAU CLAIRE	TOWN OF CLEAR CREEK	IH 94 EB	OTTER CREEK	BRIDGE DECK	6,294.00
B-18-0059	EAU CLAIRE	TOWN OF CLEAR CREEK	CTH V	IH 94	BRIDGE COLUMN	282.60
B-18-0065	EAU CLAIRE	TOWN OF OTTER CREEK	E ROBIN RD	IH 94	BRIDGE COLUMN	282.60
B-18-0066	EAU CLAIRE	TOWN OF OTTER CREEK	CTH K	IH 94	BRIDGE COLUMN	282.60
B-18-0067	EAU CLAIRE	TOWN OF OTTER CREEK	RYDER RD	IH 94	BRIDGE COLUMN	847.80
B-18-0119	EAU CLAIRE	TOWN OF WASHINGTON	STH 93 NB	IH 94	BRIDGE COLUMN	847.80
B-18-0151	EAU CLAIRE	TOWN OF WASHINGTON	IH 94 EB	OTTER CREEK	BRIDGE DECK	5,874.00
B-18-0152	EAU CLAIRE	TOWN OF WASHINGTON	IH 94 WB	OTTER CREEK	BRIDGE DECK	5,443.00
B-18-0203	EAU CLAIRE	TOWN OF WASHINGTON	IH 94 EB	LOWES CREEK	BRIDGE DECK	9,267.00
B-18-0204	EAU CLAIRE	TOWN OF WASHINGTON	IH 94	LOWES CREEK	BRIDGE DECK	9,267.00
B-18-0205	EAU CLAIRE	CITY OF EAU CLAIRE	IH 94 EB	CTH E	BRIDGE DECK	8,956.00
B-18-0206	EAU CLAIRE	CITY OF EAU CLAIRE	IH 94 WB	CTH E	BRIDGE DECK	8,956.00
B-18-0207	EAU CLAIRE	TOWN OF UNION	IH 94 EB	CTH C	BRIDGE DECK	7,868.00
B-18-0208	EAU CLAIRE	TOWN OF UNION	IH 94 WB	CTH C	BRIDGE DECK	7,862.00
B-18-0216	EAU CLAIRE	TOWN OF CLEAR CREEK	IH 94 EB	E MALLARD RD	BRIDGE DECK	5,486.00
B-18-0224	EAU CLAIRE	TOWN OF CLEAR CREEK	IH 94 EB	CTH HH	BRIDGE DECK	6,026.00

2

STRUCTURE B-61-0156

ON: USH 10 EB

UNDER: IH 94 WB

STRUCTURE B-27-0037

ON: IH 94 EB

STRUCTURE B-27-0038

ON: IH 94 WB

UNDER: CTH B

STRUCTURE B-27-0047

ON: HAUGEN RD.

UNDER: IH 94

STRUCTURE B-27-0020

ON: CTH FF

UNDER: IH 94

STRUCTURE B-27-0024

ON: IH 94 EB

STRUCTURE B-27-0025

ON: IH 94 WB

UNDER: STH 95

STRUCTURE B-27-0027

ON: IH 94 EB

STRUCTURE B-27-0028

ON: IH 94 WB

UNDER: CHARCOAL RD.

STRUCTURE B-27-0031

ON: IH 94 EB

STRUCTURE B-27-0032

ON: IH 94 WB

UNDER: MCNULTY RD.

STRUCTURE B-27-0033

ON: USH 12 WB-STH 27 NB

STRUCTURE B-27-0034

ON: USH 12 EB-STH 27 SB

UNDER: IH 94

STRUCTURE B-27-0035

ON: IH 94 EB

STRUCTURE B-27-0036

ON: IH 94 WB

UNDER: S. FK. BUFFALO RIVER

STRUCTURE B-27-0052

ON: GILBERTSON RD.

UNDER: IH 94

STRUCTURE B-27-0148

ON: IH 94 EB

STRUCTURE B-27-0149

ON: IH 94 WB

UNDER: PIGEON CREEK

## PROJECT 1020-10-85 - JACKSON &amp; TREMPLEALEU COUNTY STRUCTURE SUMMARY

STRUCTURE ID	COUNTY	MUNICIPALITY	HWY ON	FEATURE UNDER	TYPE	SURFACE AREA(SF)
B-61-0156	TREMPLEALEU	CITY OF OSSEO	USH 10 EB	IH 94 WB	BRIDGE COLUMN	659.40
B-27-0020	JACKSON	TOWN OF HIXTON	CTH FF	IH 94	BRIDGE COLUMN	282.60
B-27-0024	JACKSON	TOWN OF HIXTON	IH 94 EB	STH 95	BRIDGE DECK	15,374.00
B-27-0025	JACKSON	TOWN OF HIXTON	IH 94 WB	STH 95	BRIDGE DECK	12,526.00
B-27-0026	JACKSON	TOWN OF HIXTON	S POLE GROVE RD	IH 94	BRIDGE COLUMN	282.60
B-27-0027	JACKSON	TOWN OF HIXTON	IH 94 EB	CHARCOAL RD	BRIDGE DECK	4,796.00
B-27-0028	JACKSON	TOWN OF HIXTON	IH 94 WB	CHARCOAL RD	BRIDGE DECK	5,090.00
B-27-0029	JACKSON	TOWN OF ADAMS	IH 94 EB	CTH F	BRIDGE DECK	4,859.00
B-27-0030	JACKSON	TOWN OF ADAMS	IH 94 WB	CTH F	BRIDGE DECK	4,985.00
B-27-0031	JACKSON	TOWN OF ADAMS	IH 94 EB	MCNULTY RD	BRIDGE DECK	4,418.00
B-27-0032	JACKSON	TOWN OF ADAMS	IH 94 WB	MCNULTY RD	BRIDGE DECK	4,418.00
B-27-0033	JACKSON	TOWN OF ADAMS	USH 12 WB-STH 27 NB	IH 94	BRIDGE COLUMN	282.60
B-27-0034	JACKSON	TOWN OF ADAMS	USH 12 EB-STH 27 SB	IH 94	BRIDGE COLUMN	282.60
B-27-0035	JACKSON	TOWN OF GARFIELD	IH 94 EB	S FK BUFFALO RIVER	BRIDGE DECK	5,414.00
B-27-0036	JACKSON	TOWN OF GARFIELD	IH 94 WB	S FK BUFFALO RIVER	BRIDGE DECK	4,982.00
B-27-0037	JACKSON	TOWN OF GARFIELD	IH 94 EB	CTH B	BRIDGE DECK	4,754.00
B-27-0038	JACKSON	TOWN OF GARFIELD	IH 94 WB	CTH B	BRIDGE DECK	4,754.00
B-27-0041	JACKSON	CITY OF BLACK RIVER FALLS	IH 94 EB	WINNEBAGO AVE	BRIDGE DECK	11,243.00
B-27-0042	JACKSON	CITY OF BLACK RIVER FALLS	IH 94 WB	WINNEBAGO AVE	BRIDGE DECK	11,403.00
B-27-0043	JACKSON	TOWN OF BROCKWAY	IH 94 EB	UNION PACIFIC RR	BRIDGE DECK	8,017.00
B-27-0044	JACKSON	TOWN OF BROCKWAY	IH 94 WB	UNION PACIFIC RR	BRIDGE DECK	8,017.00
B-27-0045	JACKSON	TOWN OF BROCKWAY	STH 54 EB	IH 94	BRIDGE COLUMN	282.60
B-27-0047	JACKSON	TOWN OF NORTHFIELD	HAUGEN RD	IH 94	BRIDGE COLUMN	282.60
B-27-0052	JACKSON	TOWN OF NORTHFIELD	GILBERTSON RD	IH 94	BRIDGE COLUMN	282.60
B-27-0053	JACKSON	TOWN OF BROCKWAY	CASTLE MOUND RD	IH 94	BRIDGE COLUMN	282.60
B-27-0054	JACKSON	TOWN OF MANCHESTER	IH 94 EB	LAMBERT RD	BRIDGE DECK	4,124.00
B-27-0055	JACKSON	TOWN OF MANCHESTER	IH 94 WB	LAMBERT RD	BRIDGE DECK	5,774.00
B-27-0059	JACKSON	TOWN OF MILLSTON	IH 94 EB	CTH O	BRIDGE DECK	5,534.00
B-27-0060	JACKSON	TOWN OF MILLSTON	IH 94 WB	CTH O	BRIDGE DECK	5,472.00
B-27-0116	JACKSON	TOWN OF BROCKWAY	STH 54 WB	IH 94 EB	BRIDGE COLUMN	282.60
B-27-0148	JACKSON	TOWN OF NORTHFIELD	IH 94 EB	PIGEON CREEK	BRIDGE DECK	6,249.00
B-27-0149	JACKSON	TOWN OF NORTHFIELD	IH 94 WB	PIGEON CREEK	BRIDGE DECK	6,249.00

STRUCTURE B-27-0026

ON: S. POLE GROVE RD.

UNDER: IH 94

STRUCTURE B-27-0029

ON: IH 94 EB

STRUCTURE B-27-0030

ON: IH 94 WB

UNDER: CTH F

STRUCTURE B-27-0041

ON: IH 94 EB

STRUCTURE B-27-0042

ON: IH 94 WB

UNDER: WINNEBAGO AVE.

STRUCTURE B-27-0053

ON: CASTLE MOUND RD.

UNDER: IH 94

STRUCTURE B-27-0043

ON: IH 94 EB

STRUCTURE B-27-0044

ON: IH 94 WB

UNDER: UNION PACIFIC RAILROAD

STRUCTURE B-27-0054

ON: IH 94 EB

STRUCTURE B-27-0055

ON: IH 94 WB

UNDER: LAMBERT RD.

STRUCTURE B-27-0059

ON: IH 94 EB

STRUCTURE B-27-0060

ON: IH 94 WB

UNDER: CTH O

STRUCTURE B-27-0045

ON: STH 54 EB

STRUCTURE B-27-0116

ON: STH 54 WB

UNDER: IH 94

PROJECT NO: 1020-10-85

HWY: IH 94

COUNTY: JACKSON &amp; TREMPLEALEU

STRUCTURE LOCATION MAP-JACKSON&amp;TREMPLEALEU COUNTIES

SHEET

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DATE 23MAR15			E S T I M A T E O F Q U A N T I T I E S					
LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1020-10-82 QUANTITY	1020-10-83 QUANTITY	1020-10-84 QUANTITY	1020-10-85 QUANTITY
0010	213. 0100	Finishing Roadway (project) 01. 1020-10-82	EACH	1. 000	1. 000			
0020	213. 0100	Finishing Roadway (project) 02. 1020-10-83	EACH	1. 000		1. 000		
0030	213. 0100	Finishing Roadway (project) 03. 1020-10-84	EACH	1. 000			1. 000	
0040	213. 0100	Finishing Roadway (project) 04. 1020-10-85	EACH	1. 000				1. 000
0050	502. 3215. S	Protective Surface Treatment Reseal	SY	69, 966. 200	13, 735. 600	15, 533. 700	23, 846. 200	16, 850. 700
0060	619. 1000	Mobilization	EACH	1. 000	0. 200	0. 200	0. 350	0. 250
0070	628. 7010	Inlet Protection Type B	EACH	40. 000	12. 000		24. 000	4. 000
0080	643. 0100	Traffic Control (project) 01. 1020-10-82	EACH	1. 000	1. 000			
0090	643. 0100	Traffic Control (project) 02. 1020-10-83	EACH	1. 000		1. 000		
0100	643. 0100	Traffic Control (project) 03. 1020-10-84	EACH	1. 000			1. 000	
0110	643. 0100	Traffic Control (project) 04. 1020-10-85	EACH	1. 000				1. 000
0120	643. 0300	Traffic Control Drums	DAY	11, 000. 000	2, 500. 000	3, 000. 000	3, 000. 000	2, 500. 000
0130	643. 0420	Traffic Control Barricades Type III	DAY	230. 000	60. 000	70. 000	50. 000	50. 000
0140	643. 0705	Traffic Control Warning Lights Type A	DAY	440. 000	110. 000	130. 000	100. 000	100. 000
0150	643. 0715	Traffic Control Warning Lights Type C	DAY	3, 210. 000	800. 000	950. 000	750. 000	710. 000
0160	643. 0800	Traffic Control Arrow Boards	DAY	440. 000	110. 000	130. 000	100. 000	100. 000
0170	643. 0900	Traffic Control Signs	DAY	3, 300. 000	800. 000	1, 000. 000	750. 000	750. 000
0180	643. 1050	Traffic Control Signs PCMS	DAY	150. 000	30. 000	30. 000	50. 000	40. 000
0190	SPV. 0045	Special 01. Portable Changeable Message Sign (PCMS) Cellular Communications	DAY	150. 000	30. 000	30. 000	50. 000	40. 000

FINISHING ROADWAY

CATEGORY	PROJECT	LOCATION	213.0100 EACH
0010	1020-10-82	IH 94	1
TOTAL			1

INLET PROTECTION

CATEGORY	STRUCTURE	ROADWAY	LOCATION	628.7010 TYPE B EACH
0130	B-55-0031	IH 94 WB	KINNEY ROAD	2
0140	B-55-0032	IH 94 EB	KINNEY ROAD	2
0240	B-55-0147	IH 94 WB	STH 35	4
0250	B-55-0148	IH 94 EB	STH 35	4
TOTAL				12

NOTE: INLET PROTECTION INCLUDES TWO INSTALLATIONS PER INLET. FIRST INSTALLATION IS WITH TYPE FF FABRIC DURING DECK PREPARATION AND CLEANING ACTIVITIES. SECOND INSTALLATION IS WITH IMPERVIOUS FABRIC DURING THE SEALING OPERATION.

PROTECTIVE SURFACE TREATMENT RESEAL

CATEGORY	STRUCTURE ID	HWY ON	FEATURE UNDER	TYPE	502.3215.S SY
0020	B-55-0012	IH 94 EB	CARR CREEK	BRIDGE DECK	521.0
0030	B-55-0013	IH 94 WB	CARR CREEK	BRIDGE DECK	628.0
0040	B-55-0015	IH 94 EB	EAU GALLE RIVER	BRIDGE DECK	632.8
0050	B-55-0016	IH 94 WB	EAU GALLE RIVER	BRIDGE DECK	632.3
0060	B-55-0017	IH 94 EB	CTH NN	BRIDGE DECK	486.7
0070	B-55-0018	IH 94 WB	CTH NN	BRIDGE DECK	486.7
0080	B-55-0019	IH 94 EB	NORSEMAN DRIVE	BRIDGE DECK	491.3
0090	B-55-0020	IH 94 WB	NORSEMAN DRIVE	BRIDGE DECK	660.3
0100	B-55-0022	IH 94 EB	WILSON ROAD	BRIDGE DECK	490.9
0110	B-55-0023	IH 94 WB	WILSON ROAD	BRIDGE DECK	490.1
0120	B-55-0026	11TH STREET	IH 94-USH 12-STH 35	BRIDGE COLUMN	31.4
0130	B-55-0031	IH 94 WB	KINNEY ROAD	BRIDGE DECK	583.7
0140	B-55-0032	IH 94 EB	KINNEY ROAD	BRIDGE DECK	579.6
0150	B-55-0033	IH 94 WB	100TH STREET	BRIDGE DECK	486.2
0160	B-55-0034	IH 94 EB	100TH STREET	BRIDGE DECK	486.2
0170	B-55-0036	IH 94 WB	130TH STREET	BRIDGE DECK	579.6
0180	B-55-0037	IH 94 EB	130TH STREET	BRIDGE DECK	579.6
0190	B-55-0038	IH 94 WB	KINNICKINNIC RIVER	BRIDGE DECK	636.7
0200	B-55-0039	IH 94 EB	KINNICKINNIC RIVER	BRIDGE DECK	632.1
0210	B-55-0044	IH 94 WB	RUSH RIVER	BRIDGE DECK	609.1
0220	B-55-0045	IH 94 EB	RUSH RIVER	BRIDGE DECK	610.1
0230	B-55-0118	CARMICHAEL ROAD	IH 94-USH 12-STH 35	BRIDGE COLUMN	62.8
0240	B-55-0147	IH 94 EB	STH 35	BRIDGE DECK	1,078.3
0250	B-55-0148	IH 94 WB	STH 35	BRIDGE DECK	1,078.3
0260	B-55-0151	USH 12	IH 94	BRIDGE COLUMN	62.8
0270	B-55-0202	USH 63N	IH 94 WB	BRIDGE COLUMN	52.3
0280	B-55-0233	CTH B	IH 94	BRIDGE COLUMN	66.7
TOTAL					13,735.6

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0100 PROJECT 1020-10-82 EACH	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 LIGHTS TYPE A DAYS	643.0715 LIGHTS TYPE C DAYS	643.0800 ARROW BOARDS DAYS	643.0900 SIGNS DAYS	643.1050 SIGNS PCMS DAYS	SPV.0045.01 PCMS CELLULAR COMMUNICATIONS DAYS
0010	1020-10-82	IH 94	1	2500	60	110	800	110	800	30	30
TOTALS			1	2500	60	110	800	110	800	30	30



FINISHING ROADWAY

CATEGORY	PROJECT	LOCATION	213.0100 EACH
0010	1020-10-83	IH 94	1
TOTAL			1

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0100 PROJECT 1020-10-83 EACH	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III DAYS
0010	1020-10-83	IH 94	1	3000	70
TOTAL			1	3000	70

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0705 LIGHTS TYPE A DAYS	643.0715 LIGHTS TYPE C DAYS	643.0800 ARROW BOARDS DAYS
0010	1020-10-83	IH 94	130	950	130
TOTAL			130	950	130

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0900 SIGNS DAYS	643.1050 SIGNS PCMS DAYS	SPV.0045.01 PCMS CELLULAR COMMUNICATIONS DAYS
0010	1020-10-83	IH 94	1000	30	30
TOTAL			1000	30	30

PROTECTIVE SURFACE TREATMENT RESEAL

CATEGORY	STRUCTURE ID	HWY ON	FEATURE UNDER	TYPE	502.3215.S SY
0020	B-17-0018	IH 94 EB	CTH Q	BRIDGE DECK	490.1
0030	B-17-0019	IH 94 WB	CTH Q	BRIDGE DECK	490.1
0040	B-17-0020	HALL ESTATE ROAD	IH 94	BRIDGE COLUMN	94.2
0050	B-17-0021	IH 94 EB	VALLEY ROAD	BRIDGE DECK	491.8
0060	B-17-0022	IH 94 WB	VALLEY ROAD	BRIDGE DECK	490.7
0070	B-17-0023	IH 94 EB	CTH K	BRIDGE DECK	547.0
0080	B-17-0024	IH 94 WB	CTH K	BRIDGE DECK	545.7
0090	B-17-0025	IH 94 EB	STEWARD ROAD	BRIDGE DECK	491.3
0100	B-17-0026	IH 94 WB	STEWARD ROAD	BRIDGE DECK	490.1
0110	B-17-0027	IH 94 EB	RUDINGER ROAD	BRIDGE DECK	543.1
0120	B-17-0028	IH 94 WB	RUDINGER ROAD	BRIDGE DECK	541.9
0130	B-17-0029	STH 25	IH 94	BRIDGE COLUMN	62.8
0140	B-17-0034	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	288.3
0150	B-17-0035	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	288.3
0160	B-17-0036	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	147.7
0170	B-17-0037	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	147.7
0180	B-17-0038	IH 94 WB	ELK MOUND MARSH	BRIDGE DECK	147.7
0190	B-17-0039	IH 94 EB	ELK MOUND MARSH	BRIDGE DECK	147.0
0200	B-17-0040	WILSON STREET	IH 94	BRIDGE COLUMN	94.2
0210	B-17-0043	CTH E	IH 94	BRIDGE COLUMN	94.2
0220	B-17-0044	NEY ROAD	IH 94	BRIDGE COLUMN	94.2
0230	B-17-0049	HOLLY AVENUE	IH 94	BRIDGE COLUMN	94.2
0240	B-17-0054	IH 94 WB	USH 12	BRIDGE DECK	750.9
0250	B-17-0055	IH 94 EB	USH 12	BRIDGE DECK	639.1
0260	B-17-0059	IH 94 WB	USH 12-STH 29	BRIDGE DECK	1,594.6
0270	B-17-0060	IH 94 EB	USH 12-STH 29	BRIDGE DECK	1,594.6
0280	B-17-0061	DIVISION STREET	IH 94	BRIDGE COLUMN	94.2
0290	B-17-0144	CTH B NB	IH 94	BRIDGE COLUMN	31.4
0300	B-17-0145	CTH B SB	IH 94	BRIDGE COLUMN	31.4
0310	B-17-0174	IH 94 WB	WILSON CREEK	BRIDGE DECK	707.3
0320	B-17-0175	IH 94 EB	WILSON CREEK	BRIDGE DECK	900.2
0330	B-17-0193	STOKKE PARKWAY	IH 94 WB	BRIDGE COLUMN	41.9
0340	B-17-0199	IH 94 WB	490TH AVENUE	BRIDGE DECK	1,162.9
0350	B-17-0200	IH 94 EB	490TH AVENUE	BRIDGE DECK	1,162.9
TOTAL					15,533.6

FINISHING ROADWAY

CATEGORY	PROJECT	LOCATION	213.0100 EACH
0010	1020-10-84	IH 94	1
TOTAL			1

INLET PROTECTION

CATEGORY	STRUCTURE	ROADWAY	LOCATION	628.7010 TYPE B EACH
0010	B-18-0023	IH 94 EB	CHIPPEWA RIVER	10
0010	B-18-0024	IH 94 WB	CHIPPEWA RIVER	10
0010	B-18-0025	IH 94 EB	STH 37 - STH 85	2
0010	B-18-0026	IH 94 WB	STH 37 - STH 85	2
TOTAL				24

NOTE: INLET PROTECTION INCLUDES TWO INSTALLATIONS PER INLET. FIRST INSTALLATION IS WITH TYPE FF FABRIC DURING DECK PREPARATION AND CLEANING ACTIVITIES. SECOND INSTALLATION IS WITH IMPERVIOUS FABRIC DURING THE SEALING OPERATION.

PROTECTIVE SURFACE TREATMENT RESEAL

CATEGORY	STRUCTURE ID	HWY ON	FEATURE UNDER	TYPE	502.3215.S SY
0020	B-18-0011	IH 94 WB	ELK CREEK	BRIDGE DECK	818.9
0030	B-18-0012	IH 94 EB	ELK CREEK	BRIDGE DECK	818.9
0040	B-18-0014	ELK CREEK ROAD	IH 94	BRIDGE COLUMN	94.2
0050	B-18-0015	USH 12 - IH 94	IH 94	BRIDGE COLUMN	157.0
0060	B-18-0017	CTH EE	IH 94	BRIDGE COLUMN	94.2
0070	B-18-0018	CTH TT	IH 94	BRIDGE COLUMN	94.2
0080	B-18-0023	IH 94 EB	CHIPPEWA RIVER	BRIDGE DECK	3,676.9
0090	B-18-0024	IH 94 WB	CHIPPEWA RIVER	BRIDGE DECK	3,552.4
0100	B-18-0025	IH 94 EB	STH 37 - STH 85	BRIDGE DECK	1,000.6
0110	B-18-0026	IH 94 WB	STH 37 - STH 85	BRIDGE DECK	1,153.3
0120	B-18-0029	IH 94 EB	CTH F	BRIDGE DECK	495.6
0130	B-18-0030	IH 94 WB	CTH F	BRIDGE DECK	495.6
0140	B-18-0031	LOWES CREEK ROAD	IH 94	BRIDGE COLUMN	94.2
0150	B-18-0034	STH 93 SB	IH 94	BRIDGE COLUMN	94.2
0160	B-18-0044	IH 94 WB	CHIPPEWA RIVER	BRIDGE DECK	945.0
0170	B-18-0045	IH 94 EB	CHIPPEWA RIVER	BRIDGE DECK	945.0
0180	B-18-0055	IH 94 EB	OTTER CREEK	BRIDGE DECK	699.3
0190	B-18-0059	CTH V	IH 94	BRIDGE COLUMN	31.4
0200	B-18-0065	E ROBIN ROAD	IH 94	BRIDGE COLUMN	31.4
0210	B-18-0066	CTH K	IH 94	BRIDGE COLUMN	31.4
0220	B-18-0067	RYDER ROAD	IH 94	BRIDGE COLUMN	94.2
0230	B-18-0119	STH 93 NB	IH 94	BRIDGE COLUMN	94.2
0240	B-18-0151	IH 94 EB	OTTER CREEK	BRIDGE DECK	652.7
0250	B-18-0152	IH 94 WB	OTTER CREEK	BRIDGE DECK	604.8
0260	B-18-0203	IH 94 EB	LOWES CREEK	BRIDGE DECK	1,029.7
0270	B-18-0204	IH 94	LOWES CREEK	BRIDGE DECK	1,029.7
0280	B-18-0205	IH 94 EB	CTH E	BRIDGE DECK	995.1
0290	B-18-0206	IH 94 WB	CTH E	BRIDGE DECK	995.1
0300	B-18-0207	IH 94 EB	CTH C	BRIDGE DECK	874.2
0310	B-18-0208	IH 94 WB	CTH C	BRIDGE DECK	873.6
0320	B-18-0216	IH 94 EB	E MALLARD ROAD	BRIDGE DECK	609.6
0330	B-18-0224	IH 94 EB	CTH HH	BRIDGE DECK	669.6
TOTAL					23,845.9

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0100 PROJECT 1020-10-84 EACH	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 LIGHTS TYPE A DAYS	643.0715 LIGHTS TYPE C DAYS	643.0800 ARROW BOARDS DAYS	643.0900 SIGNS DAYS	643.1050 SIGNS PCMS DAYS	SPV.0045.01 PCMS CELLULAR COMMUNICATIONS DAYS
0010	1020-10-84	IH 94	1	3000	50	100	750	100	750	50	50
TOTAL			1	3000	50	100	750	100	750	50	50

FINISHING ROADWAY

CATEGORY	PROJECT	LOCATION	213.0100 EACH
0010	1020-10-85	IH 94	1
TOTAL			1

INLET PROTECTION

CATEGORY	STRUCTURE	ROADWAY	LOCATION	628.7010 TYPE B EACH
0010	B-27-0024	IH 94 EB	STH 95	2
0010	B-27-0025	IH 94 WB	STH 95	2
TOTAL				4

NOTE: INLET PROTECTION INCLUDES TWO INSTALLATIONS PER INLET. FIRST INSTALLATION IS WITH TYPE FF FABRIC DURING DECK PREPARATION AND CLEANING ACTIVITIES. SECOND INSTALLATION IS WITH IMPERVIOUS FABRIC DURING THE SEALING OPERATION.

PROTECTIVE SURFACE TREATMENT RESEAL

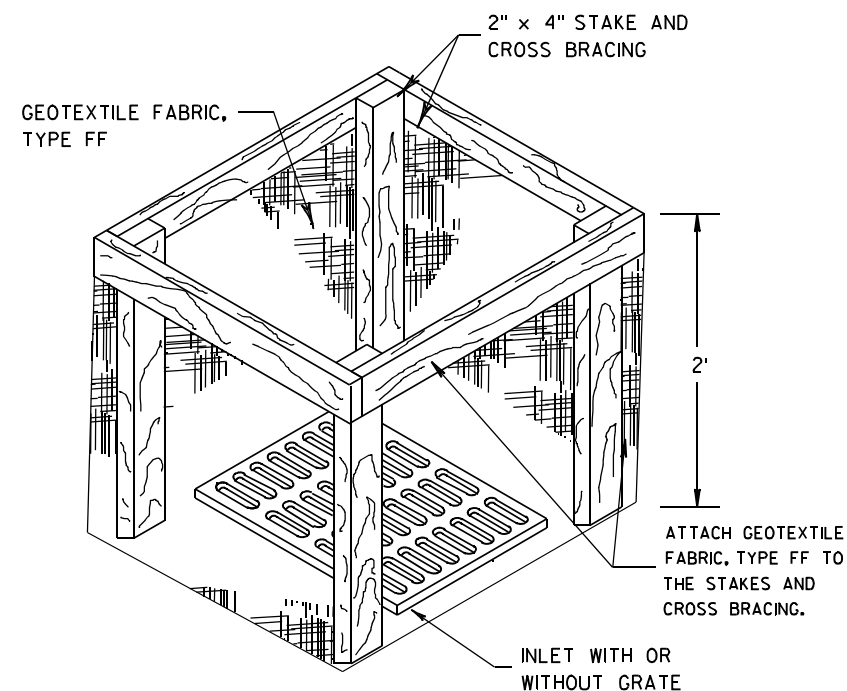
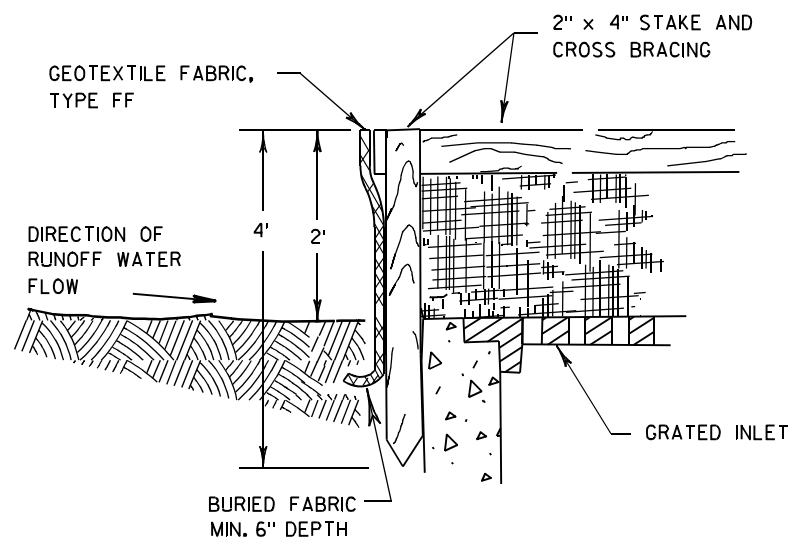
CATEGORY	STRUCTURE ID	HWY ON	FEATURE UNDER	TYPE	502.3215.S SY
0020	B-27-0020	CTH FF	IH 94	BRIDGE COLUMN	31.4
0030	B-27-0024	IH 94 EB	STH 95	BRIDGE DECK	1,708.2
0040	B-27-0025	IH 94 WB	STH 95	BRIDGE DECK	1,391.8
0050	B-27-0026	S POLE GROVE ROAD	IH 94	BRIDGE COLUMN	31.4
0060	B-27-0027	IH 94 EB	CHARCOAL ROAD	BRIDGE DECK	532.9
0070	B-27-0028	IH 94 WB	CHARCOAL ROAD	BRIDGE DECK	565.6
0080	B-27-0029	IH 94 EB	CTH F	BRIDGE DECK	539.9
0090	B-27-0030	IH 94 WB	CTH F	BRIDGE DECK	553.9
0100	B-27-0031	IH 94 EB	MCNULTY ROAD	BRIDGE DECK	490.9
0110	B-27-0032	IH 94 WB	MCNULTY ROAD	BRIDGE DECK	490.9
0120	B-27-0033	USH 12 WB - STH 27 NB	IH 94	BRIDGE COLUMN	31.4
0130	B-27-0034	USH 12 EB - STH 27 SB	IH 94	BRIDGE COLUMN	31.4
0140	B-27-0035	IH 94 EB	S FORK BUFFALO RIVER	BRIDGE DECK	601.6
0150	B-27-0036	IH 94 WB	S FORK BUFFALO RIVER	BRIDGE DECK	553.6
0160	B-27-0037	IH 94 EB	CTH B	BRIDGE DECK	528.2
0170	B-27-0038	IH 94 WB	CTH B	BRIDGE DECK	528.2
0180	B-27-0041	IH 94 EB	WINNEBAGO AVE	BRIDGE DECK	1,249.2
0190	B-27-0042	IH 94 WB	WINNEBAGO AVE	BRIDGE DECK	1,267.0
0200	B-27-0043	IH 94 EB	UNION PACIFIC RR	BRIDGE DECK	890.8
0210	B-27-0044	IH 94 WB	UNION PACIFIC RR	BRIDGE DECK	890.8
0220	B-27-0045	STH 54 EB	IH 94	BRIDGE COLUMN	31.4
0230	B-27-0047	HAUGEN ROAD	IH 94	BRIDGE COLUMN	31.4
0240	B-27-0052	GILBERTSON ROAD	IH 94	BRIDGE COLUMN	31.4
0250	B-27-0053	CASTLE MOUND ROAD	IH 94	BRIDGE COLUMN	31.4
0260	B-27-0054	IH 94 EB	LAMBERT ROAD	BRIDGE DECK	458.2
0270	B-27-0055	IH 94 WB	LAMBERT ROAD	BRIDGE DECK	641.6
0280	B-27-0059	IH 94 EB	CTH O	BRIDGE DECK	614.9
0290	B-27-0060	IH 94 WB	CTH O	BRIDGE DECK	608.0
0300	B-27-0116	STH 54 WB	IH 94 EB	BRIDGE COLUMN	31.4
0310	B-27-0148	IH 94 EB	PIGEON CREEK	BRIDGE DECK	694.3
0320	B-27-0149	IH 94 WB	PIGEON CREEK	BRIDGE DECK	694.3
0330	B-61-0156	USH 10 EB	IH 94 WB	BRIDGE COLUMN	73.3
TOTAL					16,850.5

TRAFFIC CONTROL

CATEGORY	PROJECT	LOCATION	643.0100 PROJECT 1020-10-85 EACH	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 LIGHTS TYPE A DAYS	643.0715 LIGHTS TYPE C DAYS	643.0800 ARROW BOARDS DAYS	643.0900 SIGNS DAYS	643.1050 SIGNS PCMS DAYS	SPV.0045.01 PCMS CELLULAR COMMUNICATIONS DAYS
0010	1020-10-85	IH 94	1	2500	50	100	710	100	750	40	40
TOTAL			1	2500	50	100	710	100	750	40	40

Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C04-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15D12-04	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D15-01	TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE
15D27-02	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH



**INLET PROTECTION, TYPE A**

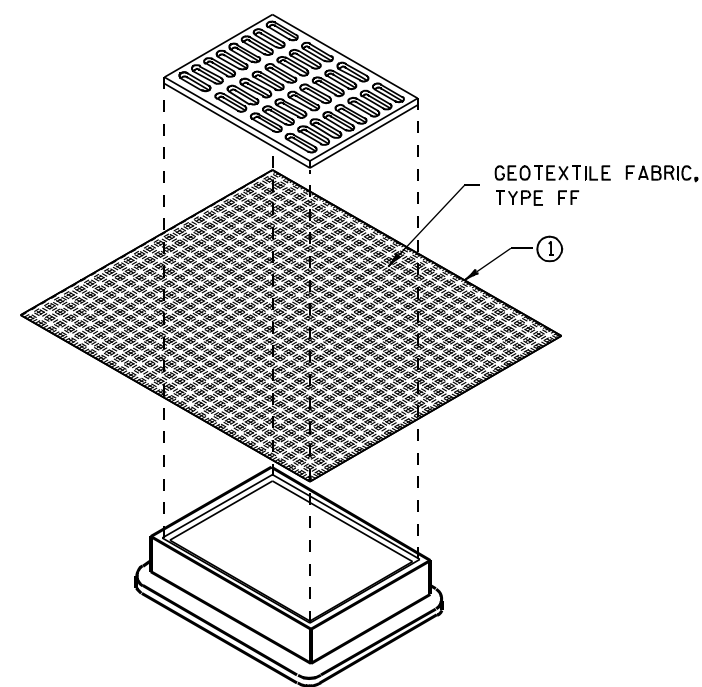
**GENERAL NOTES**

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

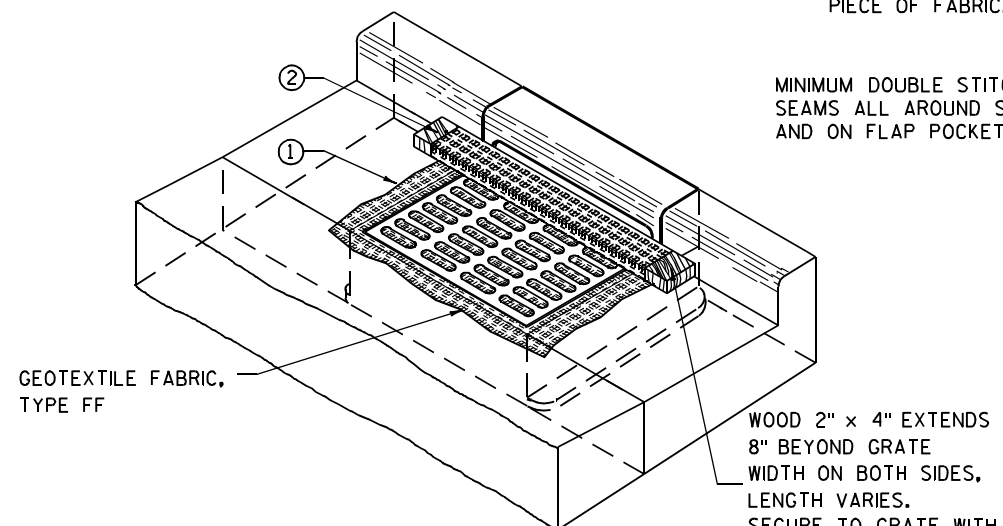
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



**INLET PROTECTION, TYPE B  
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



**INLET PROTECTION, TYPE C (WITH CURB BOX)**

**INSTALLATION NOTES**

**TYPE B & C**

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

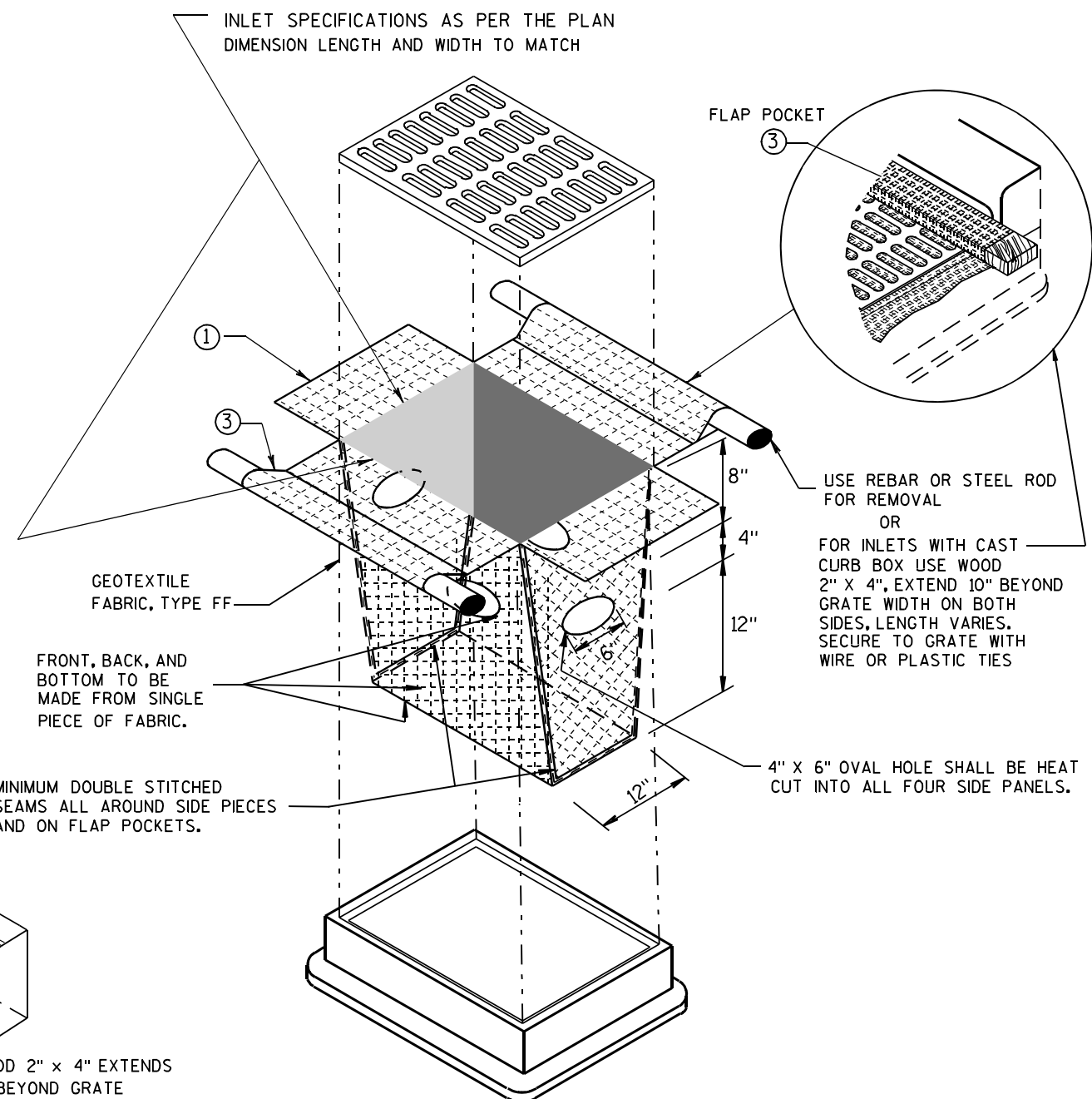
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

**TYPE D**

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



**INLET PROTECTION, TYPE D**

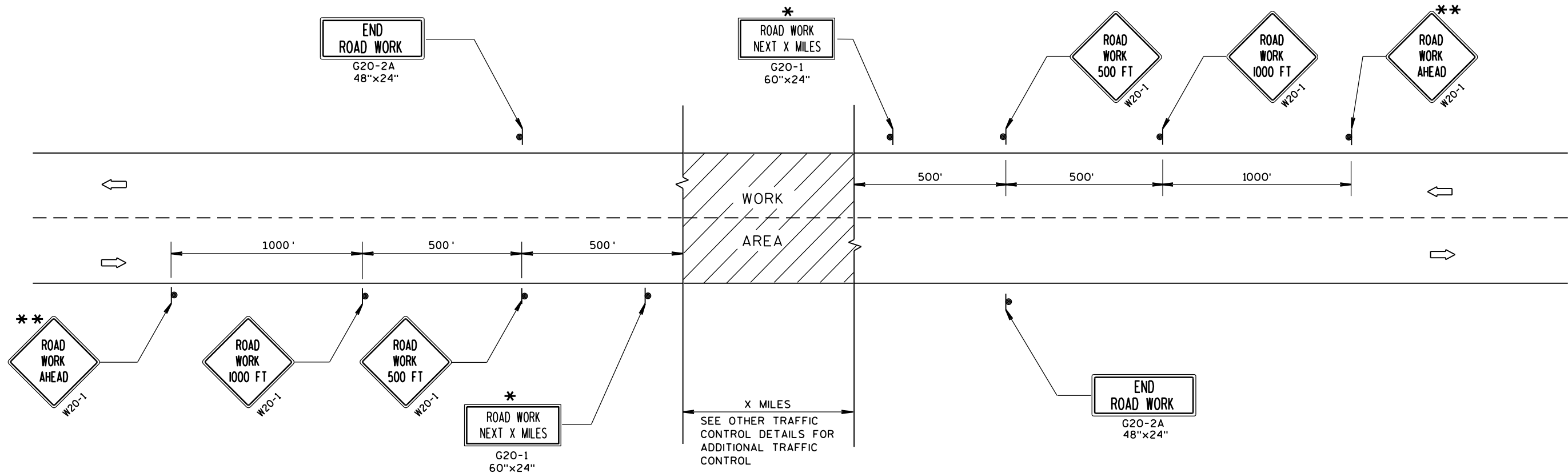
(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ② )

**INLET PROTECTION  
TYPE A, B, C, AND D**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
10/16/02 /S/ Beth Cannestra  
DATE  
FHWA CHIEF ROADWAY DEVELOPMENT 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 MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

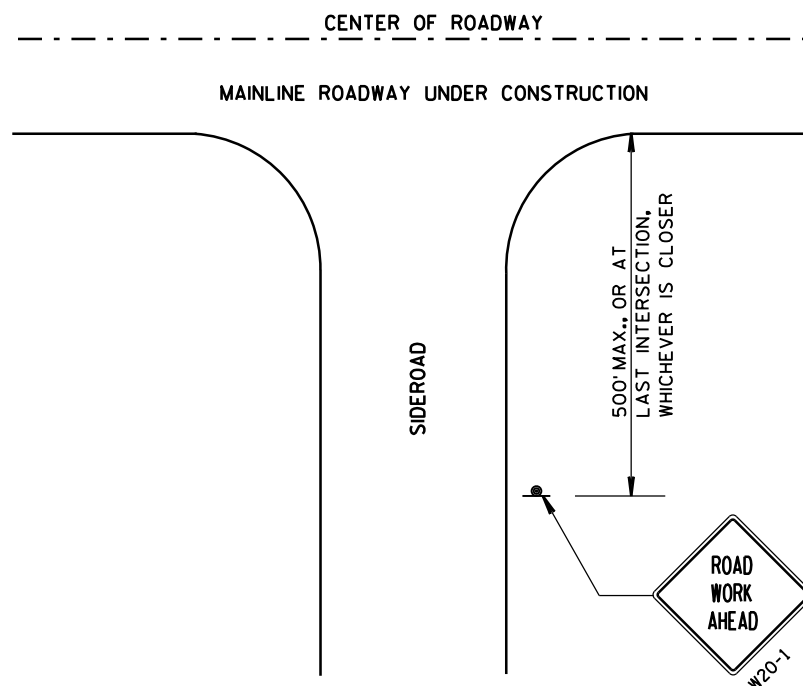
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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 W20-1 "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  
8/2013 /S/ Travis Feltes  
DATE STATE TRAFFIC ENGINEER OF DESIGN  
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.

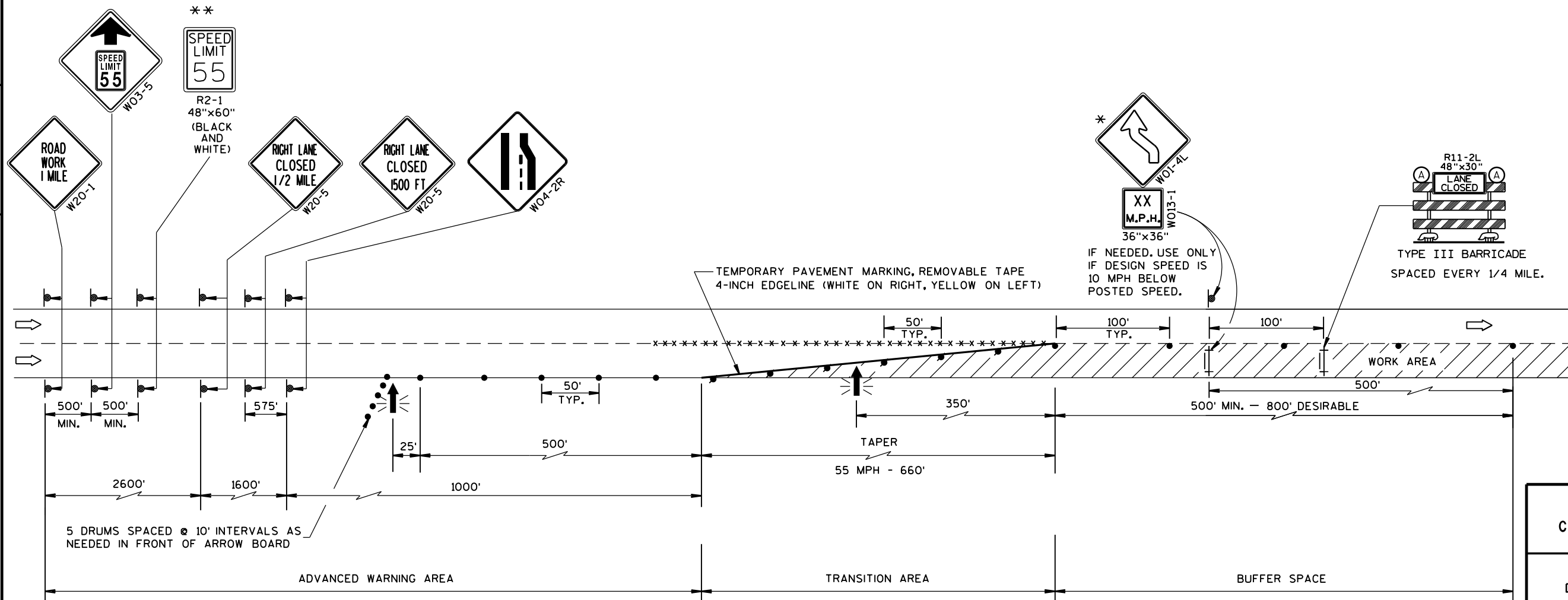
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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

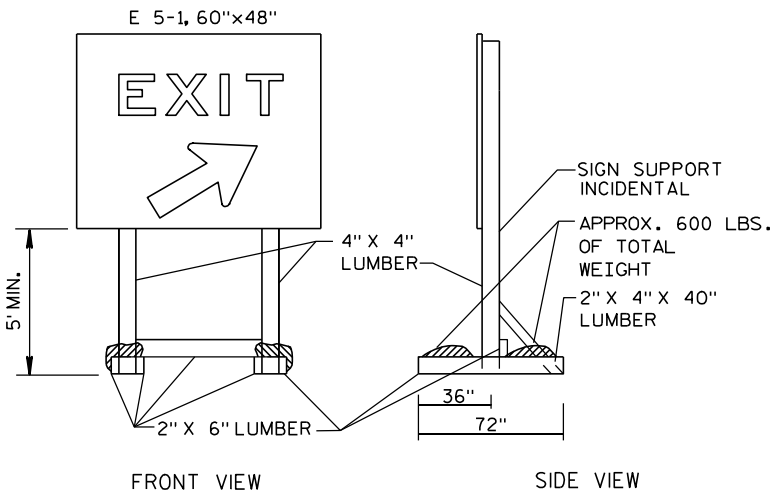
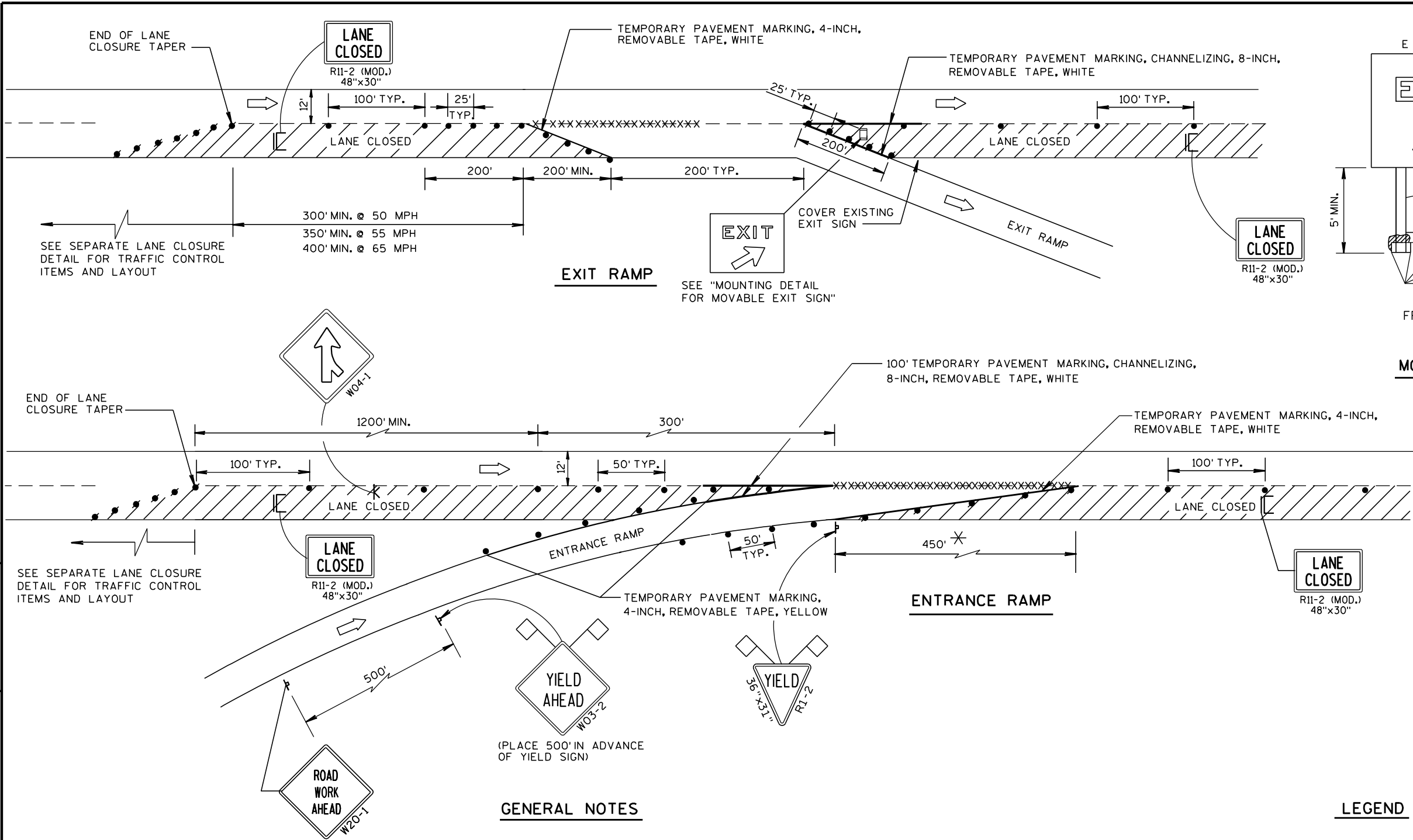
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN 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.

\*\* 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 65 MPH 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 3-2014 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN
FHWA	



FRONT VIEW SIDE VIEW  
NOTE: ALL LUMBER DIMENSIONS ARE NOMINAL  
**MOUNTING DETAIL FOR MOVABLE EXIT SIGN**

**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 R11-2 (MOD.) "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 7 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

\* LENGTH OF OPENING MAY BE REDUCED TO 150 FEET DURING STAGING OF WORK IN IMMEDIATE AREA OF RAMP TAPER.

**LEGEND**

- POST MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT
- TRAFFIC CONTROL, DRUM
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT, TYPE C (STEADY-BURN)
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE (8' EQUIVALENT) WITH SIGN
- FLAGS, 16"x16" MIN., ORANGE
- DIRECTION OF TRAFFIC FLOW

**TRAFFIC CONTROL,  
EXIT AND ENTRANCE RAMP  
WITHIN LANE CLOSURE**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
5/24/2000 /S/ Chester J. Spang  
DATE CHIEF SIGNS AND MARKING ENGINEER  
FHWA

LEGEND

- TRAFFIC CONTROL DRUM
- ⦿ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAFFIC
- ⚡➡ FLASHING ARROW BOARD
- ▨ WORK AREA

GENERAL NOTES

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

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

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.

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

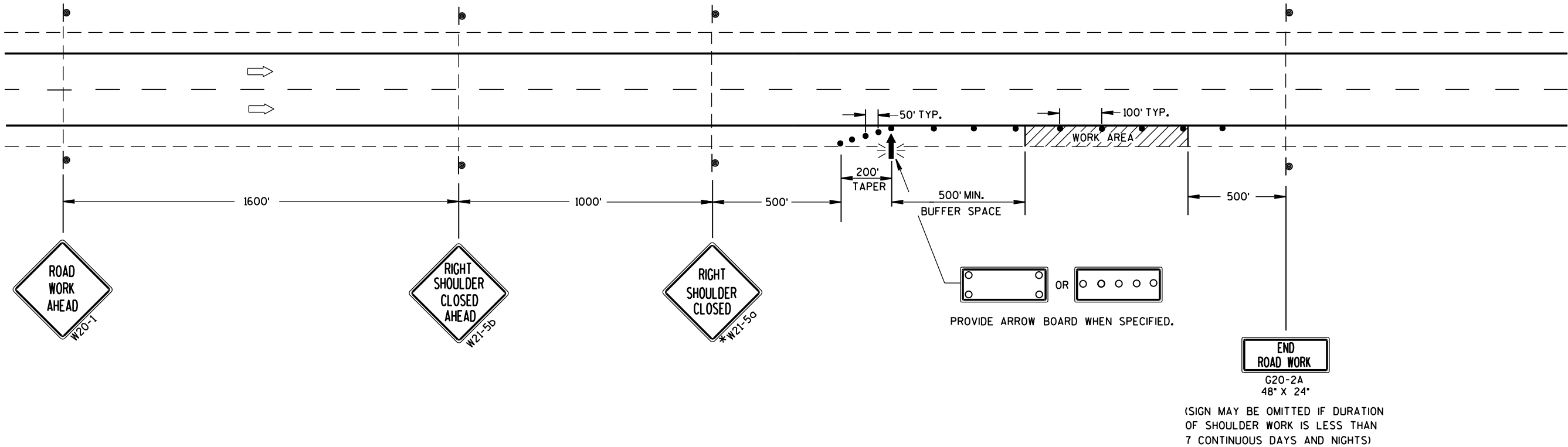
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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 THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A 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.

\*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL  
SHOULDER CLOSURE ON DIVIDED  
ROADWAY, SPEEDS GREATER  
THAN 40 MPH

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
8/2013 /S/ Travis Feltz  
DATE STATE TRAFFIC ENGINEER OF DESIGN  
FHWA



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

Dedicated people creating transportation solutions through innovation and exceptional service.

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