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1021-03-80

LEGEND

- ℜ ATTACH ANCHOR ASSEMBLY FOR THRIE BEAM GUARD RAIL
- ** SEE ROADWAY PLANS FOR TRAFFIC CONTROL STAGING
- COAT EXISTING PARAPET WITH "PIGMENTED SURFACE SEALER" PER THE STANDARD SPECIFICATIONS, SEE NOTES ON SHEETS 2
- + DIMENSIONS GIVEN ARE NORMAL TO C/L OF SUBSTRUCTURE UNIT

DESIGN DATA

-7

LIVE LOAD: HS20 DESIGN LOADING: INVENTORY RATING RF = _ OPERATING RATING RF = WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = _ KIPS

MATERIAL PROPERTIES: CONCRETE MASONRY - SUPERSTRUCTURE ____ f'c = 4,000 psi - ALL OTHER ____ f'c = 3,500 psi HIGH STRENGTH BAR STEEL REINFORCEMENT AASHTO GRADE 60_____ fy = 60,000 psi ALL BAR STEEL SHALL BE EPOXY COATED

LIST OF DRAWINGS

2 NOTES AND QUANTITIES

TRAFFIC DATA

ADT	(2020)	=	5540
ADT	(2040)	=	6920
DHV		=	710
DD		=	61/39
Т		=	25.39 %
DESI	GN SPEED) =	70 MPH

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ACH SLAB F BRIDGE. BRIDGE PLANS.			SHORT ELLIOTT	么 EH HENDRIC	KSON IN	IC.		
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		S	TRUCTURE	B-	18-11	9		
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	COU		AU CLAIRE	TOWN/ CI	TY∕VILLA WASHIN		I	
	DESI	GN SPE	REHABILITAT	ION N/A				
	DES BY	IGNED	DESIGN CK'D	DRAWN BY A		_ANS K'D.	CJB	
			DECK		SHEET	Г 1	OF 2	
CHRIS BLUM, PE, 608.620.6192 LL DREHER, PE, 608.266.8489		C	DVERLAYS					

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS AND INSPECTION REPORTS. EXISTING BRIDGE PLANS AVAILABLE AT WISDOT.

STATIONING MAY VARY BASED ON EXACT LOCATION OF BRIDGE TO PROPOSED ALIGNMENT.

CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS.

ANY EXCAVATION REQUIRED TO COMPLETE THE DECK OVERLAY AT THE ABUTMENTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYMER OVERLAY".

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, CONCRETE SURFACE REPAIR AND FULL-DEPTH DECK REPAIR AS DETERMINED, LOCATED, MARKED AND MEASURED BY THE FIELD ENGINEER, DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

BOTTOM OF THE EXISTING DECK WILL BE INSPECTED FOR AREAS OF FULL-DEPTH DECK REPAIR PRIOR TO DECK PREPARATION OPERATIONS.

BOTTOM OF THE EXISTING DECK IS TO BE INSPECTED FOR AREAS OF DISTRESS AFTER COMPLETION OF THE DECK PREPARATION AND PRIOR TO OVERLAYING THE BRIDGE.

ALL CONCRETE REMOVAL SHALL BE DEFINED BY A 1-INCH DEEP SAW CUT.

THESE STRUCTURE PLANS ARE ONLY THE STRUCTURE REPAIR WORK. ANY ADDITIONAL REMOVAL REQUIRED, OUTSIDE OF THE LIMITS SHOWN IN THESE PLANS MUST BE COORDINATED WITH THE FIELD ENGINEER. FIELD ENGINEER SHOULD BE CONTACTED FOR APPROVAL OF ADDITIONAL REMOVAL.

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM POLYMER OVERLAY THICKNESS OF $I_4^{\prime\prime}$ placed above the deck surface after surface preparation.

CLEAN ALL LOOSE MATERIAL ON THE DECK AFTER CLEANING OPERATIONS USING HIGH PRESSURE AIR, ENSURING ALL FREE-STANDING WATER IS REMOVED PRIOR TO PLACEMENT OF THE POLYMER OVERLAY AND PIGMENTED SURFACE SEALER.

APPLY "PIGMENTED SURFACE SEALER" TO THE EXISTING CONCRETE PARAPETS PER THE STANDARD SPECIFICATIONS AND AS SHOWN IN THIS PLAN SET.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST DIGIT OF A THREE DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.

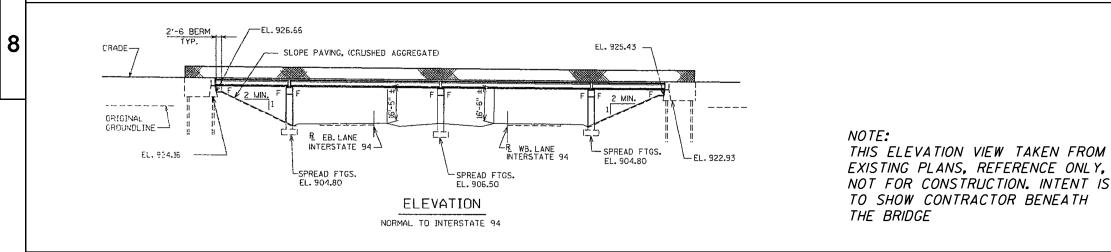
SEE ROADWAY PLAN FOR LANE STAGING AND TRAFFIC SHIFT. COORDINATE THESE STRUCTURE PLANS WITH THE ROADWAY STAGING.

ſ	BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
6	502.0100	CONCRETE MASONRY BRIDGES	CY	
$(\overline{3})$	502.3210	PIGMENTED SURFACE SEALER	SY	
\sim	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
2	509.0301	PREPARATION DECKS TYPE 1	SY	
$\widetilde{2}$	509.0302	PREPARATION DECKS TYPE 2	SY	
	509.0310.S	SAWING PAVEMENT DECK PREPARATION	LF	
(4)	509.1500	CONCRETE SURFACE REPAIR	SF	
	509.2000	FULL-DEPTH DECK REPAIR	SY	
(1)	509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	
	509.5100.S	POLYMER OVERLAY	SY	
(5)	509.9050.S	CLEANING PARAPETS	LF	
	SPV.0165	FIBER WRAP REINFORCING STRUCTURE	SF	
		NON-BID ITEMS		
		FILLER	SIZE	1/2"

QUANTITIES NOTES

- 2) PERTAINS TO DECK.
- 3
- (4) AS LOCATED BY FIELD ENGINEER.
- (5) INCLUDES PARAPETS ON WINGWALLS AND DECK.
- 6 CONCRETE FOR PARAPET AND WINGWALL.
- * THESE QUANTITIES TOTALS ARE AN ESTIMATE AND ARE INCLUDED IN BID ITEM "CONCRETE MASONRY DECK REPAIR". -PREPARATION DECKS TYPE 1 =

-PREPARATION DECKS TYPE 2 = -FULL-DEPTH DECK REPAIR



GROUND LEVEL

TYPICAL PIER FIBER WRAP

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STATE PROJECT NUMBER

1021-03-80

TOTAL ESTIMATED QUANTITIES - B-18-119

() CONCRETE FOR: * PREPARATION DECKS TYPE 1 & 2, *FULL-DEPTH DECK REPAIR.

FURNISH AND APPLY PIGMENTED SEALER TO FRONT FACE, TOP, AND ENDS OF EXISTING PARAPETS. CLEAN THE INSIDE FACE, TOP AND ENDS OF PARAPET PER BID ITEM "CLEANING PARAPETS". APPLICATION AND QUANTITY FOR PIGMENTED SURFACE SEALER ARE CONSIDERED INCIDENTAL TO BRIDGE BID ITEM " PIGMENTED SURFACE SEALER".

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NO.	DATE	F	REVISION					
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION								
STRUCTURE B-18-119								
			DRAWN BY AMJ			PLANS CK'D.	CJE	3
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