



GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED OFF OF ORIGINAL STRUCTURE PLANS, INSPECTION REPORTS & FIELD SURVEY.

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1 1/2" PLACED ABOVE THE DECK SURFACE AFTER CLEANING THE DECK. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION.

A MINIMUM OF 1" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER BID ITEM "CLEANING DECKS".

PREPARATION DECKS AND FULL DEPTH REPAIR SHALL BE DETERMINED BY FIELD ENGINEER AND TO BE FILLED WITH CONCRETE MASONRY OVERLAY DECKS.

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT.

POST CLEANING DECKS, CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER, PAID FOR AS CRACK SEALING EPOXY.

PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIR TO BE CONSIDERED INCIDENTAL TO THE BID ITEM CONCRETE MASONRY OVERLAY DECKS.

WHERE ADHESIVE ANCHORS ARE SPECIFIED:
FOR ALL #5 BARS, EMBED 12"
FOR ALL #4 BARS, EMBED 10"

USE 2" COVER ON ALL BARS UNLESS NOTED OTHERWISE.

THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.

WHEN PLACING FRESH CONCRETE NEXT TO EXISTING, SANDBLAST EXISTING CONCRETE TO REMOVE SURFACE DEBRIS AND/OR PROTECTIVE COATINGS PRIOR TO PLACEMENT. WORK WILL BE CONSIDERED INCIDENTAL TO ITEM "CONCRETE MASONRY BRIDGES".

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM DESCRIPTION	UNIT	S. ABUT.	PIER 1	PIER 2	N. ABUT.	SUPER.	TOTAL
203.0200	REMOVING OLD STRUCTURE (STA. 99+72)	LS	0.5	-	-	0.5	-	1
502.0100.S	CONCRETE MASONRY BRIDGES	CY	4	-	-	4	-	8
502.0717	CRACK SEALING EPOXY	LF	-	-	-	-	140	140
502.3100	EXPANSION DEVICE, B-32-15	LS	-	-	-	-	1	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	-	-	-	-	311	311
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	39	-	-	39	-	78
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LBS	530	-	-	530	2060	3,120
506.6000.S	BEARING ASSEMBLIES EXPANSION (B-32-15)	EACH	-	-	-	-	10	10
506.7050	REMOVING BEARINGS B-32-15	EACH	-	-	-	-	10	10
509.0301	PREPARATION DECKS TYPE 1	SY	-	-	-	-	3	3
509.0302	PREPARATION DECKS TYPE 2	SY	-	-	-	-	1	1
509.0500	CLEANING DECKS	SY	-	-	-	-	311	311
509.1000	JOINT REPAIR	SY	12.5	-	-	-	12.5	25
509.1500	CONCRETE SURFACE REPAIR	SF	-	-	33	171	430	634
509.2000	FULL-DEPTH DECK REPAIR	SY	-	-	-	-	1	1
509.2500.S	CONCRETE MASONRY OVERLAY DECKS	CY	-	-	-	-	32	32
517.3000	STRUCTURE OVERCOATING CLEANING AND PRIMING B-32-15	LS	-	-	-	-	1	1
606.0300	RIPRAP HEAVY	CY	143.5	-	-	-	143.5	287
645.0120	GEOTEXTILE TYPE HR	SY	31	-	-	-	31	62
SPV.0090.01	16 GAGE GALVANIZED METAL FLASHING	LF	-	-	-	-	215	215
SPV.0105.01	STEEL RAILING TYPE W REHABILITATION	LS	-	-	-	-	1	1

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-32-15			
DRAWN BY CJO		PLANS CK'D. LS	
CROSS SECTION		SHEET 2 OF 9	

KNIGHT 831 Critter Court
Suite 400
Onalaska, WI 54650
Engineers & Architects Phone: (608) 519-1455