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NW CORNER BRIDGE DECK B-3-20 (CHETEK RIVER)

NW CORNER BRIDGE DECK B-3-26 (KNAPP STREET)

NOTE: BM 1 AND BM 3 ARE OUTSIDE OF PLAN EXTENTS. SEE ROADWAY PLANS FOR ADDITIONAL

1043.96

Y: 61,303.85

X: 355,782.67 Y: 66,181.31 X: 349955.75

BM 2

INFORMATION.

8

DATE

DTH CK'D. BMO

SHEET 1 OF 3

HS20

HSXX

HSXX

XXX KIPS

\_f'c = 4,000 PSI

\_f'c = 3,500 PSI

fy = 60,000 PSI

USH 53 SB OVER CHETEK RIVER TOWN/<del>CITY/VILLAGE</del> CHETEK REHABILITATION N/A

GENERAL PLAN

DESIGNED DESIGN BMO BY

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS AND SUBSEQUENT REHABILITATION PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS ARE IN FEET.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

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

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1 INCH DEEP

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

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

PARAPETS SHALL BE CLEANED PER "CLEANING PARAPETS" BID ITEM.

PIGMENTED SURFACE SEALER SHALL BE APPLIED TO THE TOP, ENDS, AND ROADWAY FACES OF CONCRETE PARAPET AFTER ALL WORK IS COMPLETED FOR "CLEANING PARAPETS" AND "CONCRETE SURFACE REPAIR" BID

SEAL OVERLAY CONSTRUCTION JOINTS ACCORDING TO SECTION 502.3.13.1 OF THE STANDARD SPECIFICATIONS. COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

THE ORIGINAL CONCRETE OVERLAY SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "REMOVING CONCRETE MASONRY DECK OVERLAY B-3-20".

AFTER REMOVAL OF THE EXISTING CONCRETE OVERLAY AND PRIOR TO NEW CONCRETE WORK, THE ENTIRE BRIDGE DECK SHALL BE CLEANED PER BID ITEM, "CLEANING DECKS TO REAPPLY CONCRETE MASONRY OVERLAY".

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN DECK (AFTER DECK PREPARATION AND PRIOR TO CONCRETE OVERLAY) WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER PER BID ITEM. "CRACK SEALING EPOXY".

THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/2-INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, AND FULL-DEPTH DECK REPAIR AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER, DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

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

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 11/2" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION EXPECTED AVERAGE OVERLAY THICKNESS IS 2". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWING, NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR, 1972.

PERFORM CONCRETE SURFACE REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITY SHOWN IS APPROXIMATE.

BEVEL ALL EXPOSED EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED.

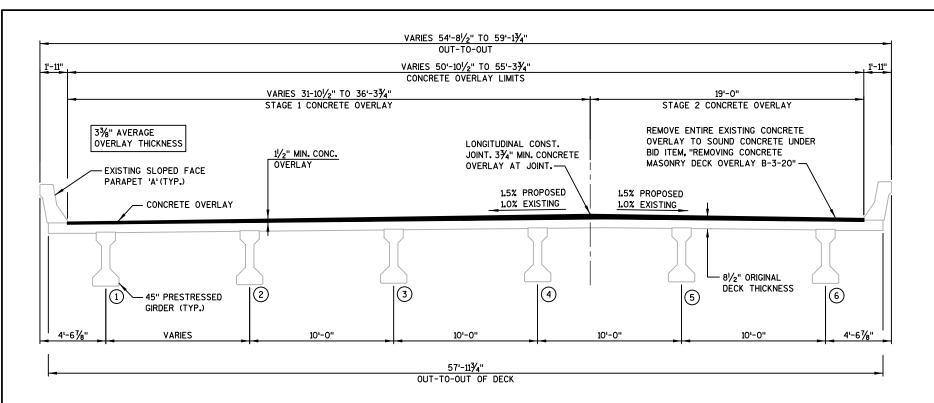
AT ABUTMENTS, ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES

## **LEGEND**

(X) DENOTES GIRDER NUMBER

٧0.	DATE	F	BY							
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION										
STRUCTURE B-3-20										
			DRAWN BY C	TH	PLANS CK'D.	ВМО				
CROSS SECTION AND QUANTITIES					SHEET 2 OF 3					



## TYPICAL CROSS SECTION

## TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	) ITEM NUMBER BID ITEMS		W. ABUT.	SUPERSTRUCTURE	TOTAL	UNIT
203.0200	3.0200 REMOVING OLD STRUCTURE STA. 415+75 SB				1	LS
206.1000	206.1000 EXCAVATION FOR STRUCTURES BRIDGES B-3-20				1	LS
210.1500	0.1500 BACKFILL STRUCTURE TYPE A				0	TON
502.0100	02.0100 CONCRETE MASONRY BRIDGES				0	CY
502 <b>.</b> 0717 <b>.</b> S	CRACK SEALING EPOXY				0	LF
502,3200	PROTECTIVE SURFACE TREATMENT				0	SY
502.3210	2.3210 PIGMENTED SURFACE SEALER				0	SY
502,4205	2.4205 ADHESIVE ANCHORS NO. 5 BAR				0	EACH
505.0400	3.0400 BAR STEEL REINFORCEMENT HS STRUCTURES				0	LB
505.0600	5.0600 BAR STEEL REINFORCEMENT HS COATED STRUCTURES				0	LB
509.0301	PREPARATION DECKS TYPE 1			100	100	SY
509.0302	PREPARATION DECKS TYPE 2			50	50	SY
509.0505.S	9.0505.S CLEANING DECKS TO REAPPLY CONCRETE MASONRY OVERLA				0	SY
509.1500	CONCRETE SURFACE REPAIR	25	25	60	110	SF
509.2000	9.2000 FULL-DEPTH DECK REPAIR			15	15	SY
509.2500	CONCRETE MASONRY OVERLAY DECKS				0	CY
509 <b>.</b> 9005 <b>.</b> S	REMOVING CONCRETE MASONRY DECK OVERLAY B-3-20				0	SY
509.9050.S	CLEANING PARAPETS				0	LF
516.0500	RUBBERIZED MEMBRANE WATERPROOFING				0	SY
614.0150	14.0150 ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD				0	EACH
645.0111	5.0111 GEOTEXTILE TYPE DF SCHEDULE A				0	SY
SPV.0180.XX	EPOXY SEALER				0	SY
	NON-BID ITEMS					
	FILLER				1/2", 3/4"	SIZE

