


NO.	DATE	REVISION	BY
 <p>SHORT ELLIOTT HENDRICKSON INC.</p>			
<p>STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION</p>			
ACCEPTED _____		DATE _____	
CHIEF STRUCTURES DESIGN ENGINEER			
<p>STRUCTURE B-3-15</p>			
<p>U.S.H. 53 N.B. OVER CARLSON SCHOOL DRIVE</p>			
COUNTY	BARRON	TOWN/CITY/VILLAGE	DOVRE
DESIGN SPEC.			
REHABILITATION N/A			
DESIGNED BY	DESIGN CK'D.	DRAWN BY	DLF
			PLANS CK'D. CJB
<p>DECK OVERLAYS</p>			<p>SHEET 1 OF 2</p>

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 AND APPROACH SLABS OVERLAY AT THE ABUTMENTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

A MINIMUM OF 1½"-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS". CONTRACTOR TO VERIFY COMPLETENESS OF REMOVALS WITH THE FIELD ENGINEER.

PREPARATION DECKS TYPE 1, PREPARAION 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 PREPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

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 PREPARTION AND PRIOR TO OVERLAYING THE BRIDGE.

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY 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 CONCRETE OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2" OR AS GIVEN ON THE PLANS. IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

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

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

THE CONTRACTOR SHALL SUPPLY A NEW NAMEPLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAMEPLATE TO SHOW ORIGINAL CONSTRUCTION YEAR. SEE EXISTING NAMEPLATE FOR DATE.

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.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-3-15".

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

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

STATE PROJECT NUMBER

1196-05-77

TOTAL ESTIMATED QUANTITIES - B-3-15

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
502.3100	EXPANSION DEVICE B-3-15	LS	
④ 502.3200	PROTECTIVE SURFACE TREATMENT	SY	
④ 502.3210	PIGMENTED SURFACE SEALER	SY	
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EA	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
③ 509.0301	PREPARATION DECKS TYPE 1	SY	
③ 509.0302	PREPARATION DECKS TYPE 2	SY	
① 509.0500	CLEANING DECKS	SY	
509.1000	JOINT REPAIR	SY	
⑤ 509.1500	CONCRETE SURFACE REPAIR	SF	
⑥ 509.2000	FULL-DEPTH DECK REPAIR	SY	
② 509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	
⑦ 509.9050,S	CLEANING PARAPETS	LF	
	REPAIR ALUMINUM RAIL TYPE J	LS	
	NON-BID ITEMS		
	FILLER	SIZE	½"
	NAMEPLATE	EACH	1

QUANTITIES NOTES

- ① BASED ON 1½" DEEP BY LIMITS OF OVERLAY ON DECK.
- ② CONCRETE FOR:
* PREPARATION DECKS TYPE 1 & 2, *FULL-DEPTH DECK REPAIR, AND OVERLAY, AND JOINT REPAIR INCLUDING PAVING BLOCK, OVERLAY AND PARAPET.
- ③ PERTAINS TO DECK.
- ④ FURNISH AND APPLY PIGMENTED SEALER TO FRONT FACE, TOP, AND ENDS OF 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".
- FURNISH AND APPLY A PROTECTIVE SURFACE TREATMENT TO THE ENTIRE TOP SURFACE OF THE NEW DECK AND PAVING BLOCK. APPLICATION AND QUANTITY FOR PROTECTIVE SURFACE TREATMENT ARE CONSIDERED INCIDENTAL TO BRIDGE BID ITEM "PROTECTIVE SURFACE TREATMENT".
- ⑤ AS LOCATED BY FIELD ENGINEER.
- ⑥ UNDISTRIBUTED AMOUNT.
- ⑦ INCLUDES PARAPETS ON WINGWALLS AND DECK.

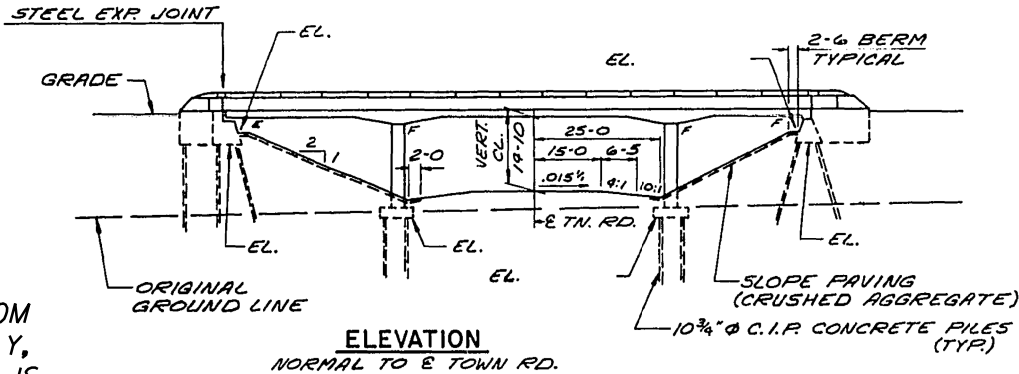
* THESE QUANTITIES TOTALS ARE AN ESTIMATE AND ARE INCLUDED IN BID ITEM "CONCRETE MASONRY OVERLAY, DECKS".

-PREPARATION DECKS TYPE 1 = CY

-PREPARATION DECKS TYPE 2 = CY

-FULL-DEPTH DECK REPAIR = CY

NOTE:
THIS ELEVATION VIEW TAKEN FROM EXISTING PLANS, REFERENCE ONLY, NOT FOR CONSTRUCTION. INTENT IS TO SHOW CONTRACTOR BENEATH THE BRIDGE



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DRAWN BY		DLF	PLANS CK'D. CJB
NOTES AND QUANTITIES			SHEET 2 OF 2