

LIVE LOAD:

DESIGN LOADING	_____	HS20
INVENTORY RATING	_____	HS-XX
OPERATIONAL RATING	_____	HS-XX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV)	_____	XX KIPS

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BRIDGE OFFICE CONTACT:
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A.A.D.T. (2022) =	9,350
A.A.D.T. (2042) =	11,300

CONCRETE MASONRY - OVERLAY DECKS ————— f'c = 4,000 P.S.I.
CONCRETE MASONRY - OVERLAY APPROACHES ——— f'c = 4,000 P.S.I.

1. REHAB GENERAL PLAN

DRAWINGS SHALL NOT BE SCALED.

SEE ROAD PLANS FOR TRAFFIC CONTROL.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE NOT SHOWN.

IMPROVEMENTS INCLUDE A CONCRETE DECK OVERLAY OF THE BRIDGE DECK, DECK REPAIRS, CLEANING PARAPETS, AND CONCRETE OVERLAY AT THE WEST APPROACH.

THIS PROJECT WILL REHABILITATE THE EXISTING STRUCTURE, B-9-171, A TWO SPAN, 163.83' PRESTRESSED CONCRETE GIRDER BRIDGE SET ON CONCRETE SILL ABUTMENTS AND A CONCRETE COLUMN BENT PIER.

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".

PREPARATION APPROACHES ARE AS DETERMINED BY THE ENGINEER AND SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY APPROACHES".

CLEAN PARAPETS AND APPLY PIGMENTED SURFACE SEALER TO THE TOP AND ROADWAY FACE OF THE PARAPET.

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

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

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

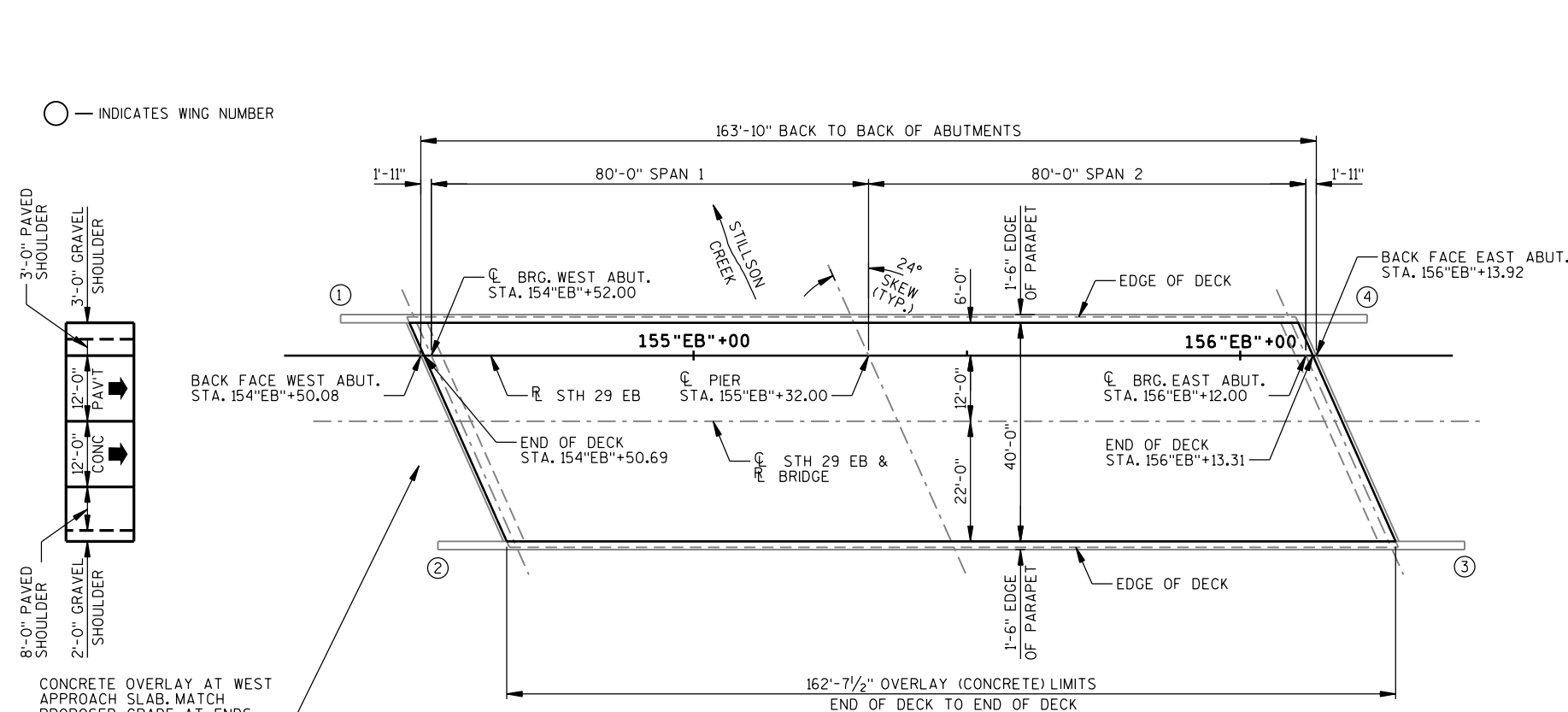
A MINIMUM OF 1-INCH OF CONCRETE SHALL BE REMOVED FROM THE WEST APPROACH SLAB UNDER THE BID ITEM "CLEANING APPROACHES".

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

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1/2" 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.

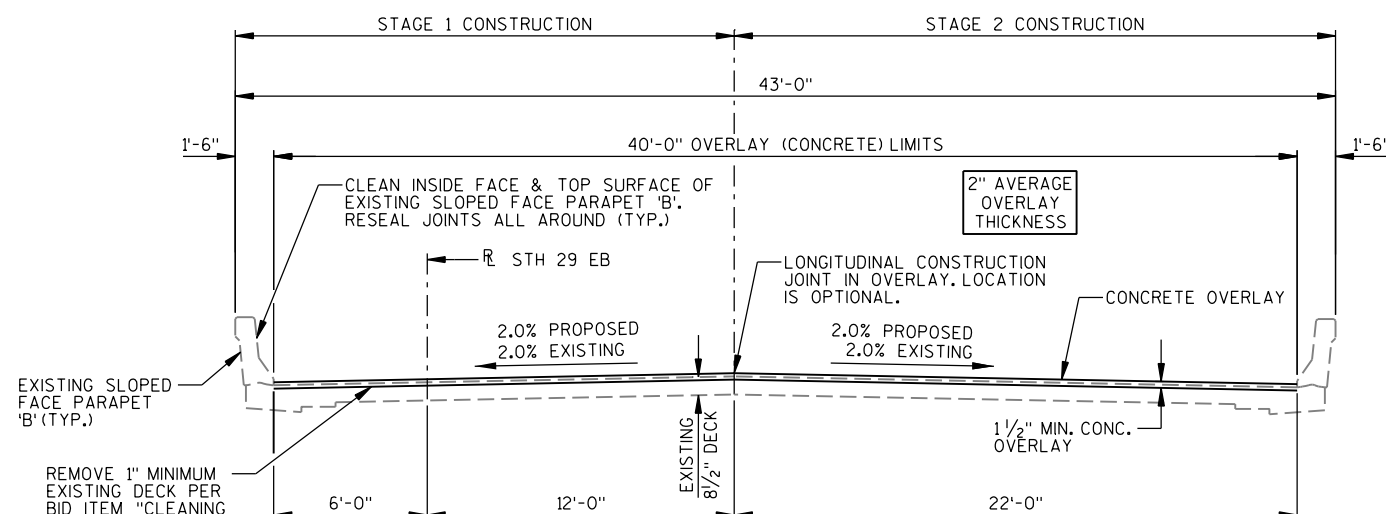
ITEM NUMBER	BID ITEM	UNIT	WEST ABUT.	EAST ABUT.	SUPER	TOTAL
203.0225.S.02	DEBRIS CONTAINMENT B-9-171	LS	-	-	-	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	-	-	723	723
502.3210	PIGMENTED SURFACE SEALER	SY	-	-	150	150
509.0200	PREPARATION APPROACHES	SY	6	-	-	6
509.0301	PREPARATION DECKS TYPE 1	SY	-	-	36	36
509.0302	PREPARATION DECKS TYPE 2	SY	-	-	14	14
509.0500	CLEANING DECKS	SY	-	-	723	723
509.0600	CLEANING APPROACHES	SY	120	-	-	120
509.2000	FULL-DEPTH DECK REPAIR	SY	-	-	1	1
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	-	-	43	43
509.2600	CONCRETE MASONRY OVERLAY APPROACHES	CY	6	-	-	6
509.9050.S	CLEANING PARAPETS	LF	-	-	376	376

* QUANTITY LISTED IS AN ESTIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION OF ALL DECK AND APPROACH REPAIR LOCATIONS WITH THE ENGINEER.



PLAN

(REHAB - CONCRETE OVERLAY ON EXISTING TWO SPAN PRESTRESSED CONCRETE GIRDER)



CROSS SECTION THRU ROADWAY

(LOOKING EAST)