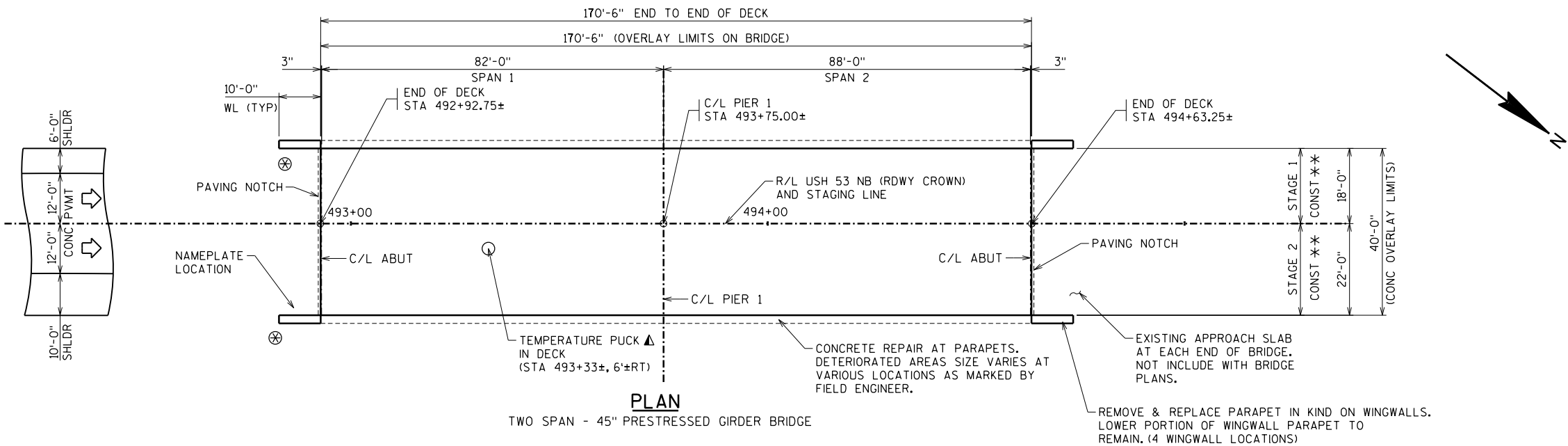


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PLOT DATE: 2/2/2019

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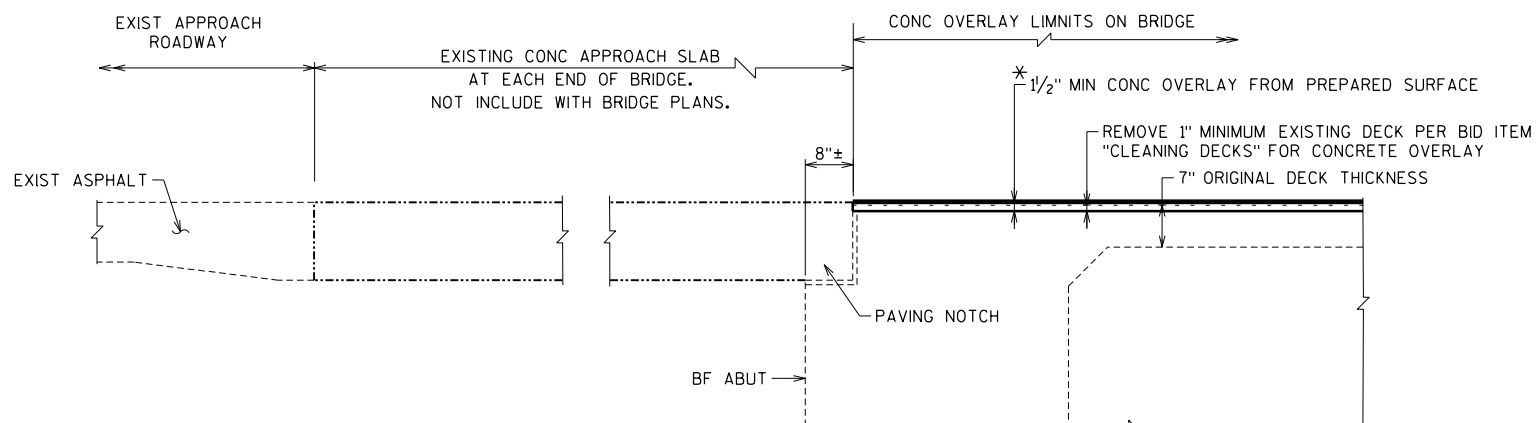
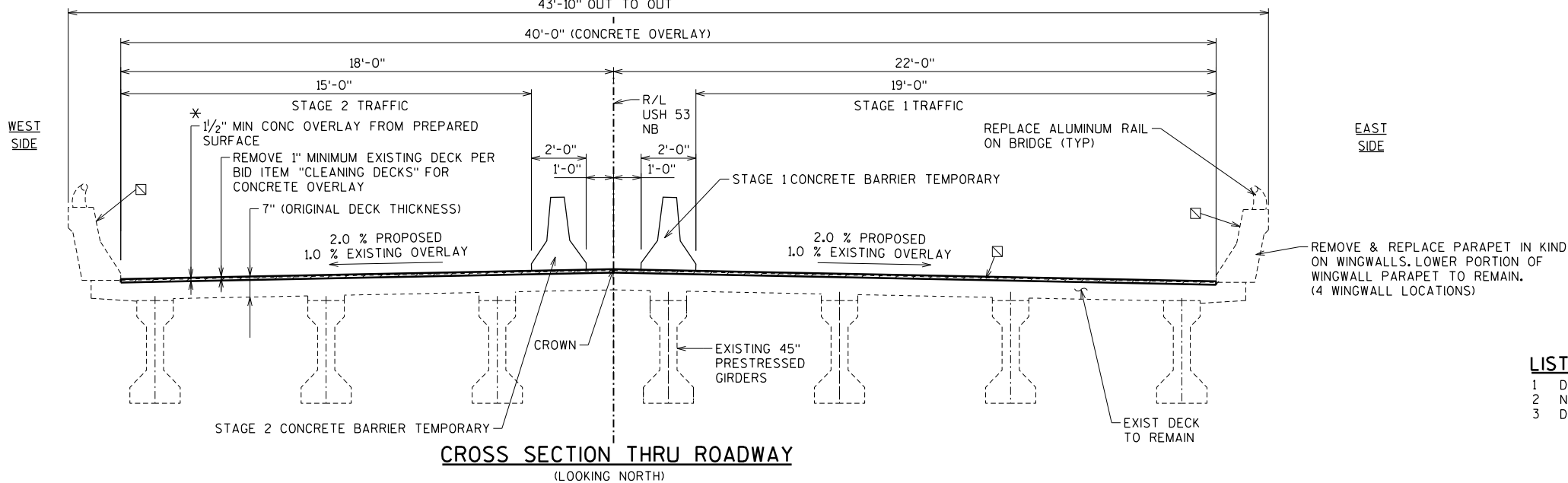
* 2" AVERAGE OVERLAY THICKNESS

STAGE 1 CONST ** STAGE 2 CONST **

STAGING LINE SEE GENERAL NOTES

43'-10" OUT TO OUT

40'-0" (CONCRETE OVERLAY)



TYPICAL LONGITUDINAL SECTION AT END OF DECK

STATE PROJECT NUMBER

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LEGEND

** SEE ROADWAY PLANS FOR TRAFFIC CONTROL STAGING.

INDICATES REMOVAL

COAT PARAPET WITH "PIGMENTED SURFACE SEALER" AND COAT CONCRETE OVERLAY WITH "PROTECTIVE SURFACE TREATMENT" PER THE STANDARD SPECIFICATIONS, SEE NOTES ON SHEETS 2.

WL = WING LENGTH

LOCATION OF ANCHOR ASSEMBLIES FOR THRIE BEAM

TEMPERATURE PUCK IN EXISTING DECK, EXISTING PUCK TO BE REPLACED WITH NEW PUCK, PUCK TO BE PROVIDED BY OTHERS (WISDOT) AND PLACED BY CONTRACTOR, COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY OVERLAY DECKS"

DESIGN DATA

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
- OVERLAY 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

- DECK OVERLAYS
- NOTES AND QUANTITIES
- DETAILS

TRAFFIC DATA

ADT (2020) = 5540
ADT (2040) = 6920
DHV = 709
DD = 61/39
T = 25.33 %
DESIGN SPEED = 70 MPH

NO.	DATE	REVISION	BY
 SHORT ELLIOTT HENDRICKSON INC.			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED		CHIEF STRUCTURES DESIGN ENGINEER	DATE
STRUCTURE B-3-23			
U.S.H. 53 NB OVER CTH I			
COUNTY	BARRON	TOWN/CITY/VILLAGE	CHETEK
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
		AMJ	CJB
DECK OVERLAYS			SHEET 1 OF 3

SEH CONTACT: CHRIS BLUM, PE, 608.620.6192

WISDOT BRIDGE OFFICE CONTACT: BILL DREHER, PE, 608.266.8489

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

1196-05-77

	BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
⑧	502.0100	CONCRETE MASONRY BRIDGES	CY	
④	502.3200	PROTECTIVE SURFACE TREATMENT	SY	
④	502.3210	PIGMENTED SURFACE SEALER	SY	
	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	
⑤	509.1500	CONCRETE SURFACE REPAIR	SF	
⑤ ⑥	509.2000	FULL-DEPTH DECK REPAIR	SY	
②	509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	
⑦	509.9050.S	CLEANING PARAPETS	LF	
	513.4056	RAILING TUBULAR TYPE H (B-3-23)	LF	
		EPOXY COAT GIRDER ENDS	LF	
		NON-BID ITEMS		
		FILLER	SIZE	1/2"
		NAMEPLATE	EACH	1

- ① BASED ON 1" DEEP BY LIMITS OF OVERLAY ON DECK.
- ② CONCRETE FOR:
*PREPARATION DECKS TYPE 1 & 2,*FULL-DEPTH DECK REPAIR AND OVERLAY.
- 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 DECK OVERLAY. 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 DECK.
- ⑧ INCLUDES CONCRETE FOR WING PARAPETS ONLY.

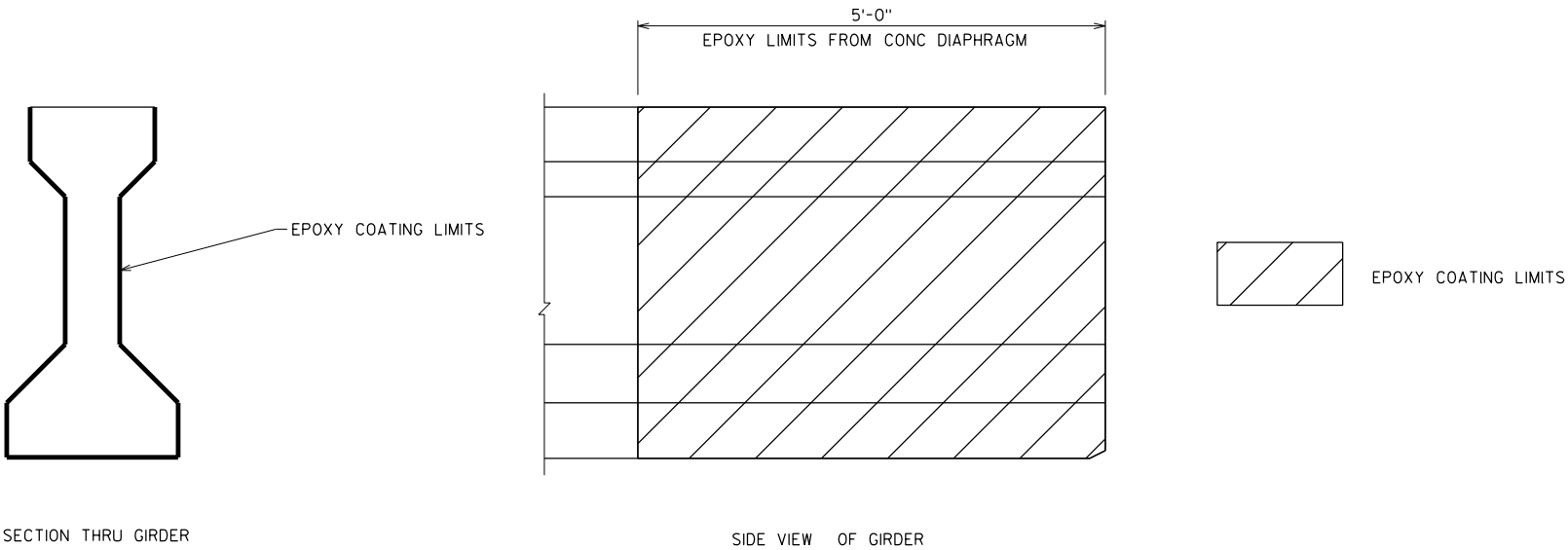
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-PREPARATION DECKS TYPE 1 = CY
-PREPARATION DECKS TYPE 2 = CY
-FULL-DEPTH DECK REPAIR = CY
```

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-3-23			
		DRAWN BY AMJ	PLANS C'K'D. CJB
NOTES AND QUANTITIES		SHEET 2 OF 3	

FILE NAME : \\SP3020-\\projects\\UZ\\W\\trnw\\146423\\5-final-dsgn\\5-drawings\\20-Struct\\B-3-23\\bridge\\b03023g2.dgn PLOT DATE: 2/2/2019 PLOT TIME: 2:47:42 PM

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EPOXY COAT GIRDER DETAIL
(TYP AT ABUTMENT LOCATIONS ONLY)

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NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-3-23			
		DRAWN BY	AMJ
		PLANS CK'D.	CJB
DETAILS		SHEET 3 OF 3	