

# GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT. THE EXISTING ASPHALTIC OVERLAY AND  $^1\!/_4$ " OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK.

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

CRACKS IN THE OVERLAY SHALL BE SEALED WITH A LOW-VISCOSITY CRACK SEALER (SEE STANDARD SPECIFICATIONS SECTION 502.2.11 CRACK SEALER). COST IS INCLUDED IN THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS."

THE FIRST DIGIT OF A THREE DIGIT BAR MARK AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFY THE BAR SIZE.

CLEAN, STRAIGHTEN, AND EXTEND EXISTING BAR STEEL REINFORCEMENT 24 BAR DIAMETERS INTO NEW CONSTRUCTION WHERE APPLICABLE.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF  $1^{\prime}_{2}$ " PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN  $1^{\prime}_{2}$ ". 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 DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1968.

EXISTING FLOOR DRAINS TO REMAIN IN PLACE. REMOVE TOP OF DECK IN DRAIN AREA AS DIRECTED BY THE FIELD ENGINEER TO ALLOW PLACING AND SLOPING OF  $1^{\rm I}\!/_2$ " MINIMUM CONCRETE OVERLAY AROUND THE RIM OF THE DRAIN.

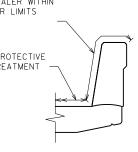
TOP OF EXISTING DECK ELEVATIONS SHALL BE DETERMINED FROM A FIELD SURVEY AT LOCATOINS DEEMED NECESSARY FOR ESTABLISHING OVERLAY THICKNESS FOR ACCURATE RATINGS AND POINT OF MINIMUM THICKNESS.

EXPANSION JOINT ASSEMBLIES, INCLUDING ANCHOR STUDS AND HARDWARE SHALL BE PAID FOR AT THE LUMP SUM PRICE BID FOR "EXPANSION DEVICE MODULAR B-40-285-27H".

ΙΛΤΟΙ	ESTIMATED	OLIANTITIES
UTAL	ESTIMATED	QUANTITES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTALS
203.0225.S.XX	DEBRIS CONTAINMENT B-40-285-27H	LS	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	
502.3110.S	EXPANSION DEVICE MODULAR B-40-285-27H	LS	
509.1000	JOINT REPAIR	SY	
SPV.0180.XX	REMOVING ASPHALTIC CONCRETE OVERLAY SPECIAL	SY	

LIMITS OF PIGMENTED SURFACE SEALER WITHIN JOINT REPAIR LIMITS ONLY



## PROTECTIVE SURFACE TREATMENT DETAIL

## HORIZONTAL ALIGNMENTS

LOC'N	STATION	NORTHING	EASTING	BEARING	RADIUS	ARC LENGTH	DEFL'N ANGLE
PC	196+46.69	295541.10	602523.88	N 13°32'51" W			
PI	199+94.43	295879.16	602442.42		2864.79	692.10	13°50'31'' RT
PT	203+38.79	296226.90	602444.21	N 0°17'40'' E			
PC	196HL+46.69	295528.68	602472.36	N 13°32'51" W			
PI	200HL+00.86	295873.00	602389.39		2917.79	704.91	13°50'31'' RT
PT	A 303HL+38.79	296227.18	602391.21	N 0°17'40'' E			
PC	20ES+23.22	295941.50	602395.85	N 8°56'17" W			
PI	22ES+54.53	296170.00	602359.92		2864.79	461.62	9°13'57" RT
PT	24ES+84.83	296401.30	602361.10	N 0°17'40'' E			
PC	26ES+33.93	296550.40	602361.87	N 0°17'40'' E			
PI	27ES+65.03	296681.50	602362.54		1909.86	261.79	7°51'13'' RT
PT	28ES+95.72	296811.46	602345.30	N 7°33'34" W			

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low long after overlay is

blaced is the contractor esponsible for sealing

racks?

#### STATE PROJECT NUMBER

# 1228-21-71

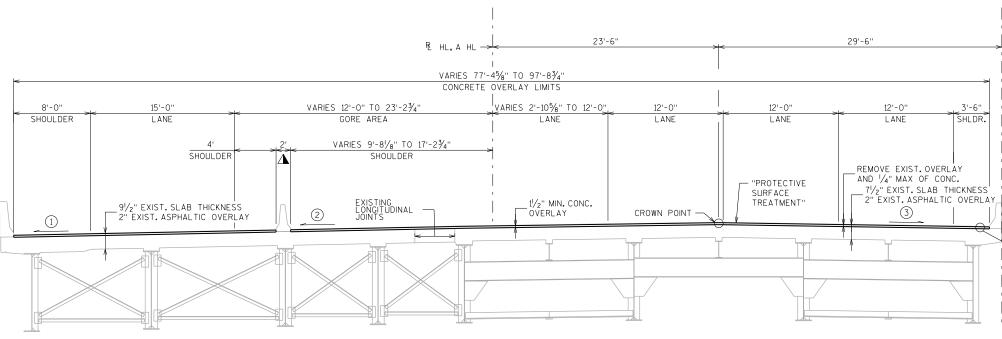
Does bid item include removal of 1/4" of concrete in addition to asphalt? If not, include "cleaning decks" bid item as well.

If deck surface preparation is included in "removing asphaltic concrete overlay special", include general note stating that that is the case

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N0.	DATE	R	EVISION		BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION					
STRUCTURE B-40-285-27H					
			DRAWN BY	PLAM MMW CK'D	
GE		AL NOTES UANTITIES		SHEET 2	2 OF 4

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DECK CROSS SLOPE TABLE						
LOCATION	1	2	3	JOINT		
202HL+21.60	×	-3.00%	3.00%	EXP.JT.5		
202+75.00 € 1-43/94	×	-3.00%	3.00%	N/A		
203+60.00 € 1-43/94	×	-1.56%	1.56%	N/A		
204+25.00 € 1-43/94	×	0.00%	1.56%	N/A		
205+75.00 € 1-43/94	×	2.00%	1.56%	N/A		
A 308HL+25.18	×	2.00%	1.56%	EXP.JT.6		



TYPICAL	SECTION
(LOOKING	NORTH)

Include girder size / spacing on typical section drawings

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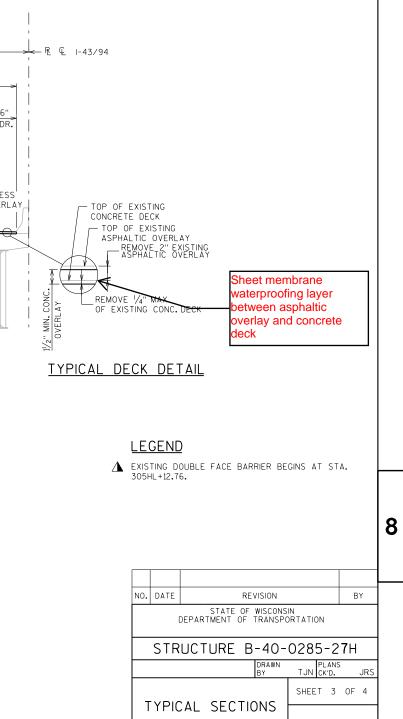
AVERAGE OVERLAY THICKNESS = 2.0"

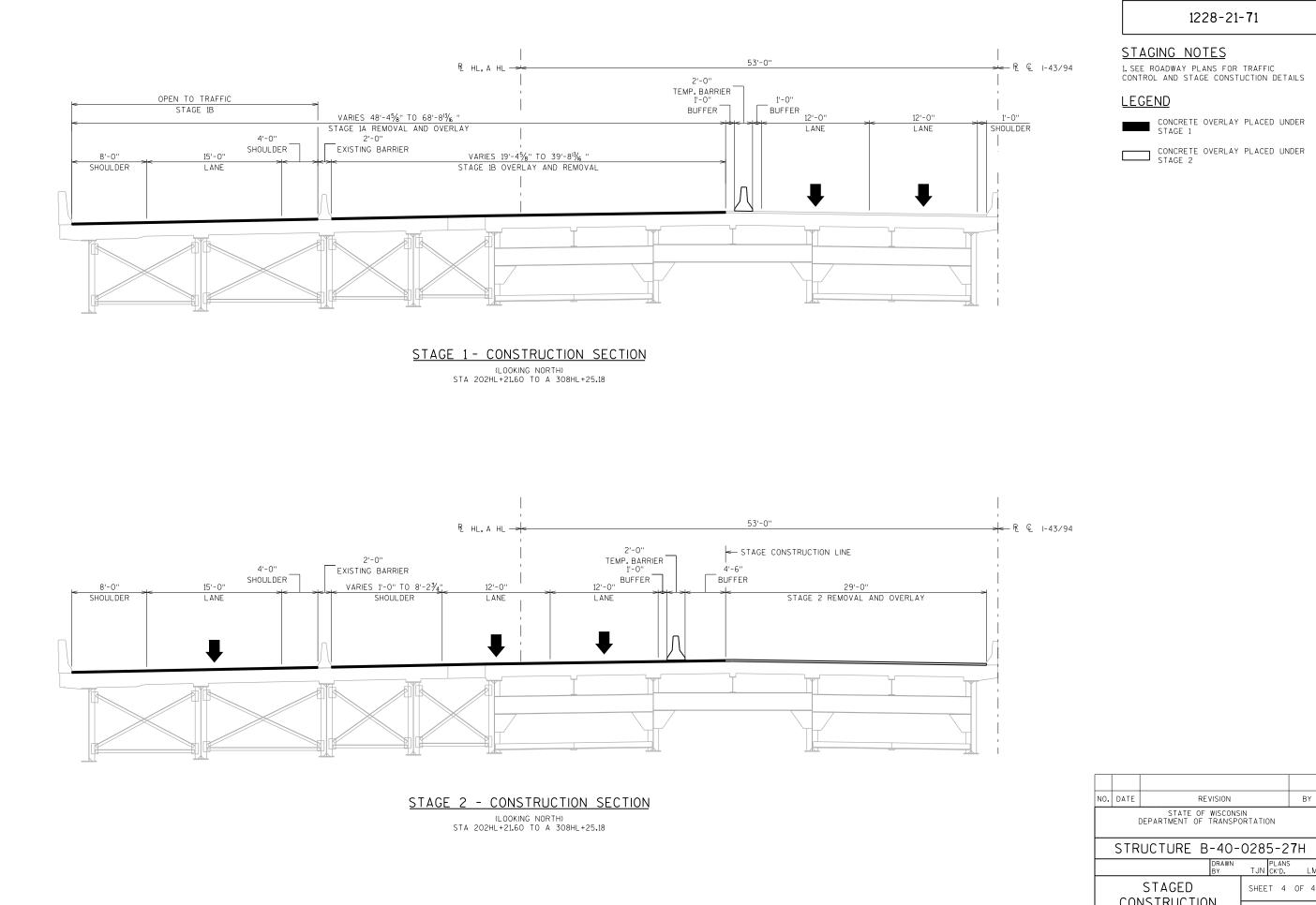
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ALL CROSS-SLOPES ARE APPROXIMATE. A NEGATIVE SIGN INDICATES CROSS-SLOPE DIRECTION OPPOSITE OF THAT SHOWN IN TYPICAL SECTION.

\*CROSS SLOPE BETWEEN STA. 21ES+75.00 AND EXP. JT. 6A VARIES FROM -3.00% TO 2.10%. ACTUAL CROSS SLOPE IS NOT AN INTERPOLATION BETWEEN THE SLOPES.





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STATE PROJECT NUMBER

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION							
STRUCTURE B-40-0285-27H							
			DRAWN BY	TJN	PLANS CK'D.		LMK
STAGED		SHEE	T 4	OF	4		
	CONSTRUCTION SECTIONS						