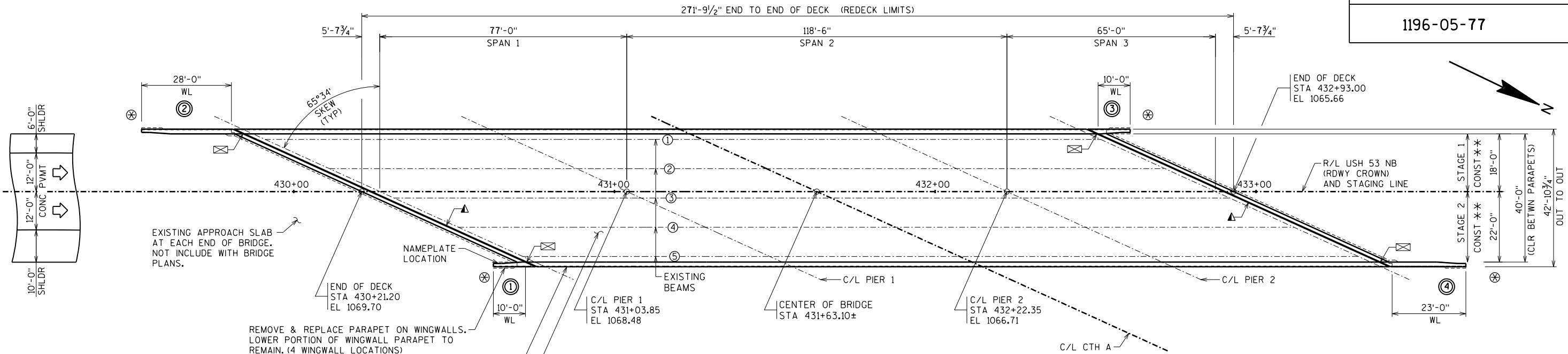


PLOT TIME: 2:52:36 PM

PLOT DATE: 2/2/2019

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8



### GENERAL PLAN

THREE SPAN - 42" WEB - WELDED PLATE BEAM BRIDGE

### DESIGN DATA

LIVE LOAD: HS20

DESIGN LOADING:

INVENTORY RATING RF = -  
OPERATING RATING RF = -  
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = - KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 PSF.

INVENTORY AND OPERATING RATINGS DO NOT INCLUDE FUTURE WEARING SURFACE.

MATERIAL PROPERTIES:

CONCRETE MASONRY - SUPERSTRUCTURE 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

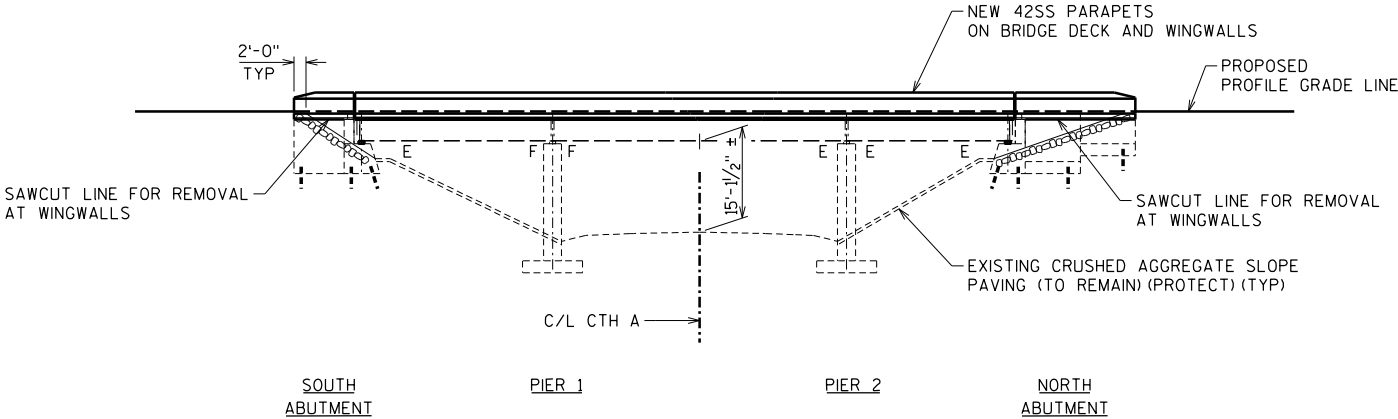
### LIST OF DRAWINGS

- 1 DECK REPLACEMENT
- 2 DECK REPLACEMENT CONT.
- 3 NOTES AND QUANTITIES

### TRAFFIC DATA

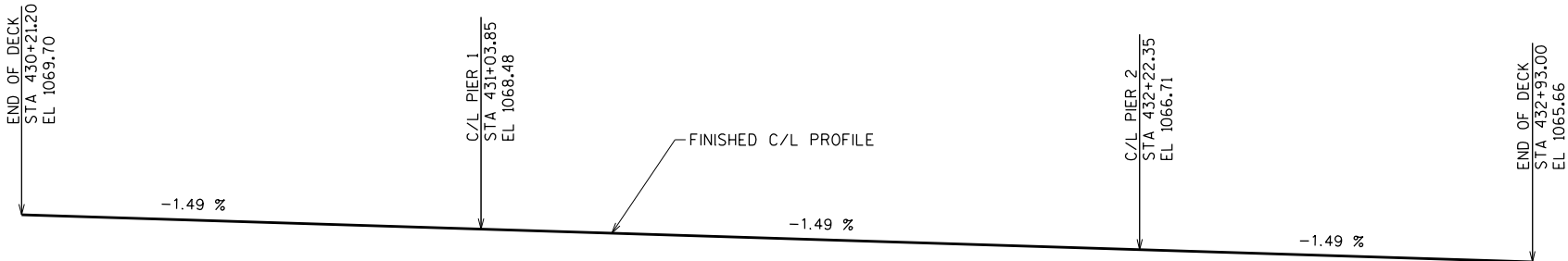
ADT (2020) = 5540  
ADT (2040) = 6920  
DHV = 710  
DD = 61/39  
T = 25.39 %  
DESIGN SPEED = 70 MPH

- LEGEND**
- ⊙ INDICATES WING.
  - WL WING LENGTH
  - ⊗ ADD THRIE BEAM GUARD CONNECTION TO PARAPET. SOUTH SIDE ONLY. USE BOLT THRU SYSTEM. FOR DETAILS, BID ITEMS AND QUANTITIES SEE ROADWAY PLANS.
  - \*\* SEE ROADWAY PLANS FOR TRAFFIC CONTROL STAGING.
  - ☒ COAT EXISTING PARAPET WITH "PIGMENTED SURFACE SEALER" COAT CONCRETE OVERLAY WITH "PROTECTIVE SURFACE TREATMENT" PER THE STANDARD SPECIFICATIONS, SEE NOTES ON SHEETS 2.
  - ☒ COVER PLATES REQUIRED AT PARAPET
  - ± DIMENSIONS GIVEN ARE NORMAL TO C/L OF SUBSTRUCTURE UNIT.
  - ▲ NEW STRIP SEAL EXPANSION DEVICE




### GENERAL ELEVATION

LOOKING DOWN SUBSTRUCTURE UNITS



### PROPOSED PROFILE GRADE LINE

SEH CONTACT: CHRIS BLUM, PE, 608.620.6192  
WISDOT BRIDGE OFFICE CONTACT: BILL DREHER, PE, 608.266.8489

NO.	DATE	REVISION	BY
 SHORT ELLIOTT HENDRICKSON INC.			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE _____			
STRUCTURE B-3-19			
U.S.H. 53 N.B. OVER C.T.H. A			
COUNTY	BARRON	TOWN/CITY/VILLAGE	DOVRE
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
		DLF	CJB
DECK REPLACEMENT			SHEET 1 OF 3

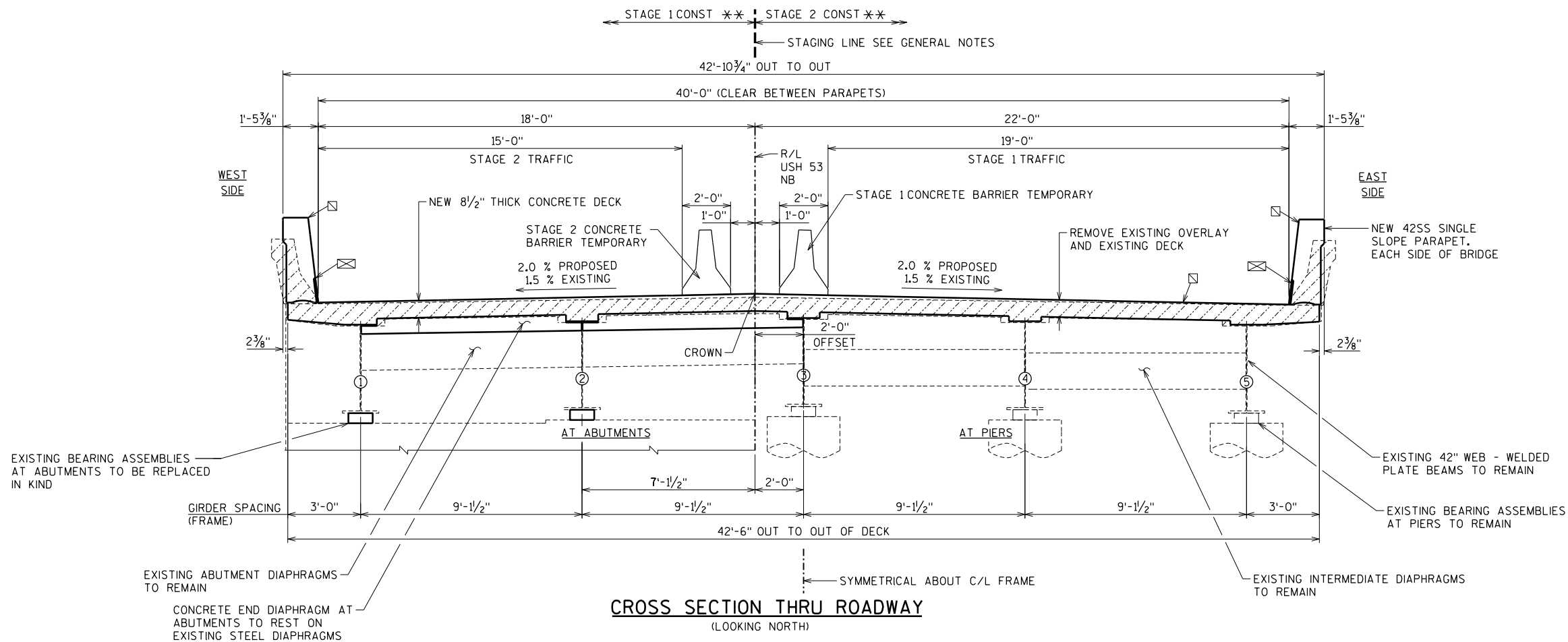
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PLOT DATE: 2/2/2019

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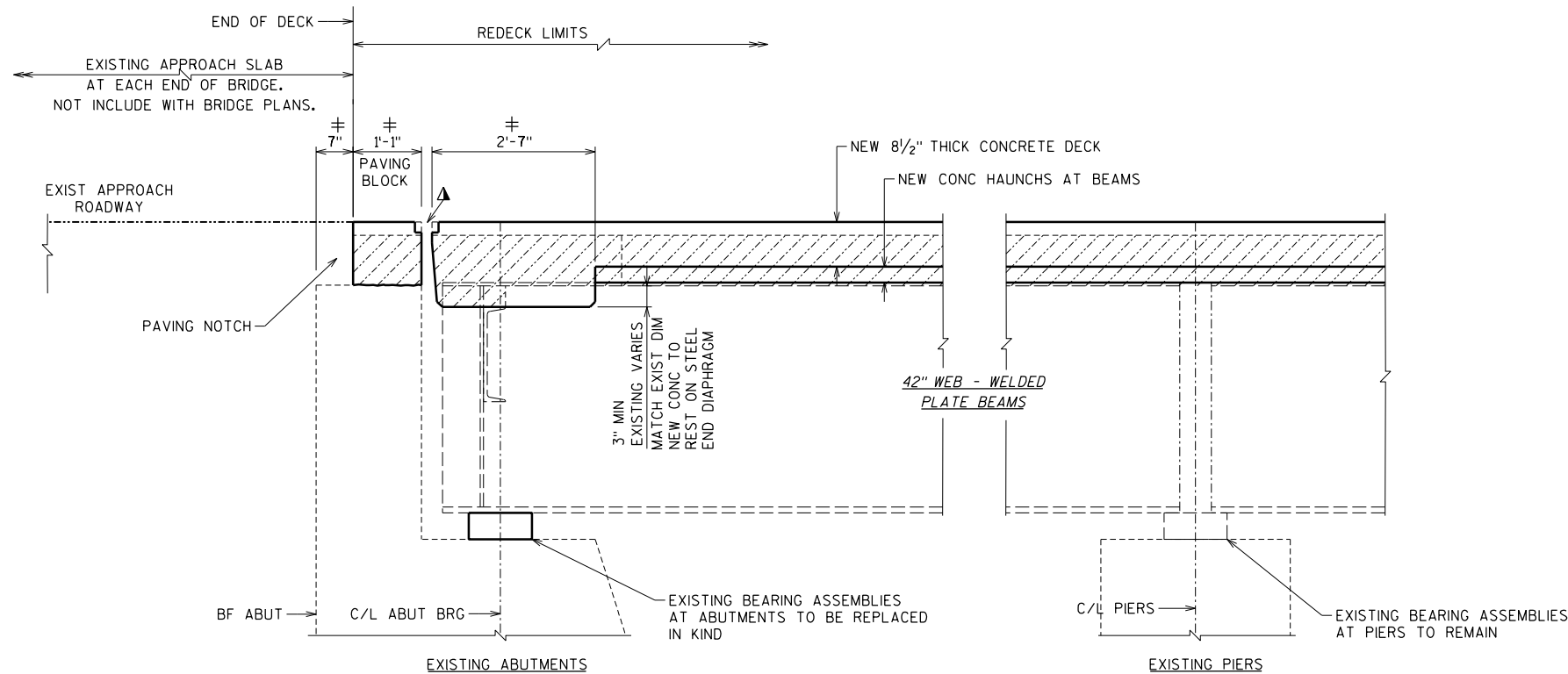


STATE PROJECT NUMBER

1196-05-77

**LEGEND**

- INDICATES REMOVAL
- COAT EXISTING PARAPET WITH "PIGMENTED SURFACE SEALER" COAT CONCRETE OVERLAY WITH "PROTECTIVE SURFACE TREATMENT" PER THE STANDARD SPECIFICATIONS, SEE NOTES ON SHEETS 3.
- COVER PLATES REQUIRED AT PARAPET
- DIMENSIONS GIVEN ARE NORMAL TO C/L OF SUBSTRUCTURE UNIT.
- STRIP SEAL EXPANSION DEVICE
- \*\* SEE ROADWAY PLANS FOR TRAFFIC CONTROL STAGING.



8

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-3-19			
DRAWN BY DLF		PLANS CK'D. CJB	
DECK REPLACEMENT CONT.		SHEET 2 OF 3	

