

- * PROVIDE FOR THREE BEAM
GUARD RAIL ATTACHMENT
- (X) INDICATES WING NUMBER
- ▲ THE WISCONSIN DEPARTMENT OF TRANSPORTATION WILL FURNISH
THE CONTRACTOR WITH A BENCHMARK CAP TO BE INSTALLED AS
SHOWN ON THE PLANS.

STATE PROJECT NUMBER

2025-14-71

DESIGN DATA

LIVE LOAD:
DESIGN LOADING HS-20
INVENTORY RATING HS-19
OPERATING RATING HS-33
WIS. STD. PERMIT VEHICLE
(WIS-SPV)= 250 KIPS

MATERIAL PROPERTIES:
CONCRETE MASONRY SUPERSTRUCTURE $f'_c = 4,000$ psi
ALL OTHER $f'_c = 3,500$ psi
HIGH STRENGTH BAR STEEL
REINFORCEMENT GRADE 60 $f_y = 60,000$ psi
STEEL SHEET PILING ASTM A328 $f_y = 39,000$ psi
MIN. SECTION MODULUS $S_x = 31.0$ in³/ft

SCOPE OF WORK B-67-88

1. PLACE REINFORCED CONCRETE OVERLAY ON SLAB
2. DRIVE WINGWALL SHEET PILE REINFORCEMENT
3. REFACE ALL PARAPETS
4. CURB REPAIR
5. CONCRETE SURFACE REPAIR
6. RAISE FLOOR DRAINS AND REUSE EXISTING GRATES

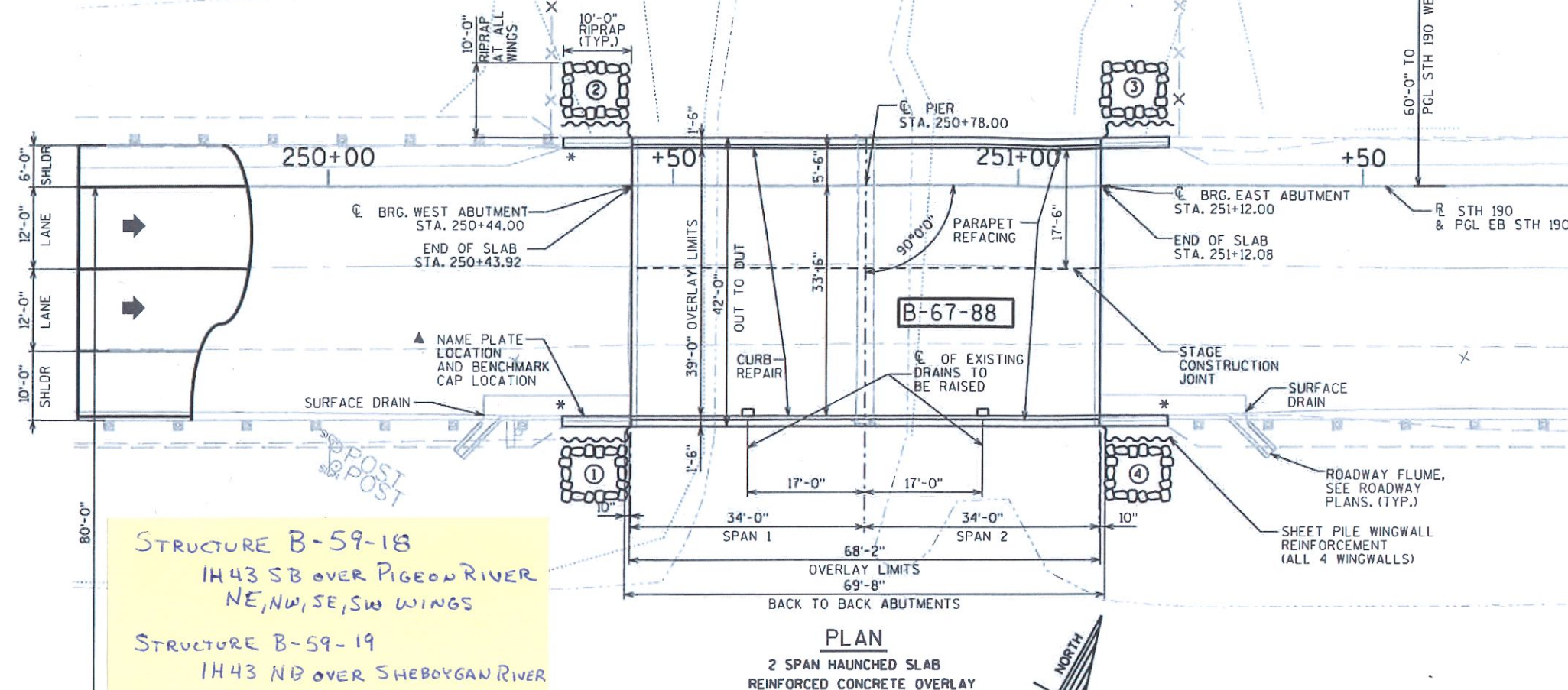
TRAFFIC DATA-STH 190

ADT = 36,500 (2019)
44,400 (2039)

RDS = 60 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. CONSTRUCTION STAGING
5. WINGWALL DETAILS
6. SHEET PILE WINGWALL REINFORCEMENT DETAILS
7. OVERLAY AND BILL OF BARS
8. ANODE DETAILS

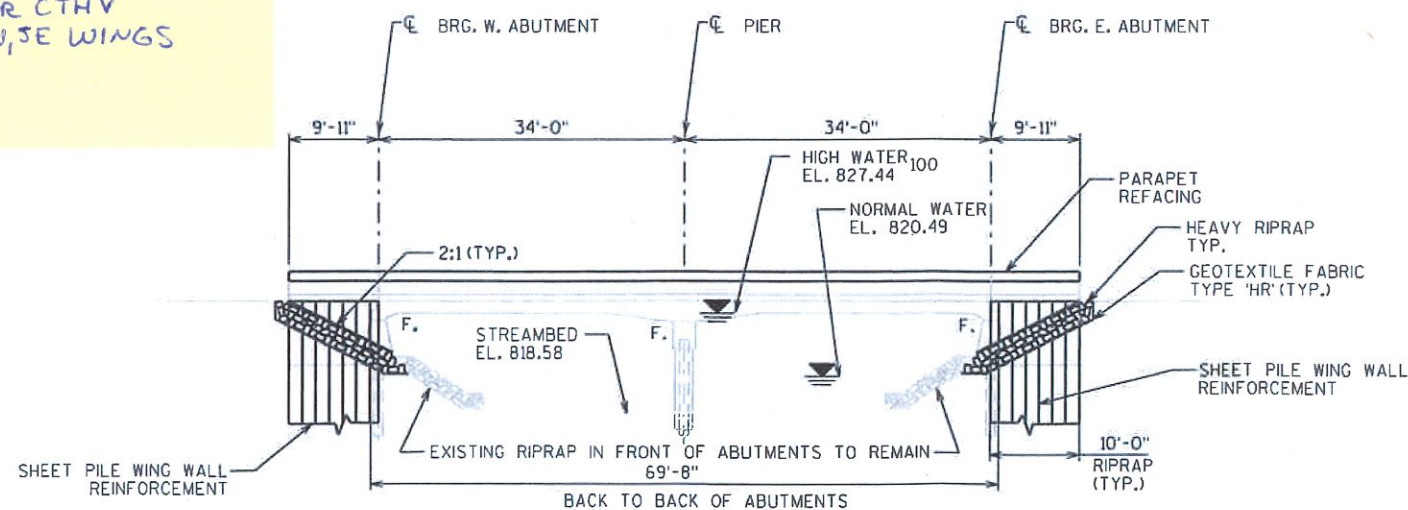


STRUCTURE B-59-18
IH43 SB OVER PIGEON RIVER
NE, NW, SE, SW WINGS

STRUCTURE B-59-19
IH43 NB OVER SHEBOYGAN RIVER
NW, SW WINGS

STRUCTURE B-59-35
IH43 NB OVER CTHV
NE, NW, SW WINGS

STRUCTURE B-59-37
IH43 SB OVER CTHV
NE, NW, SW, SE WINGS



BUREAU OF STRUCTURES CONTACT:
WILLIAM DREHER (608) 266-8489

CONSULTANT CONTACT:
KEVIN WOOD (414) 259-1500

NO.	DATE	REVISION	BY

PLANS PREPARED BY: **GRÄEF**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED: *William C. Dreher* SDR 01/17/18
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-67-88

EB STH 190 OVER THE FOX RIVER

COUNTY: WAUKESHA TOWN: BROOKFIELD

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY: WAR CK'D. KGW DRAWN BY: WAR CK'D. KGW

GENERAL PLAN SHEET 1 OF 8
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