

Benchmark: Top 1" Iron pipe 310' Lt. Sta. 686+80 @ survey and 19' N of Lt. fence corner. Elev. = 790.30

Existing Structure: Existing 4 span steel beam bridge was built in 1964 under F.A.I. Route 74 Section 57-20HB-2. Piers and Abutments are supported on caissons on piles. The deck is 29'-8" 0-0 and 223'-9 1/8" back to back of Abutments.

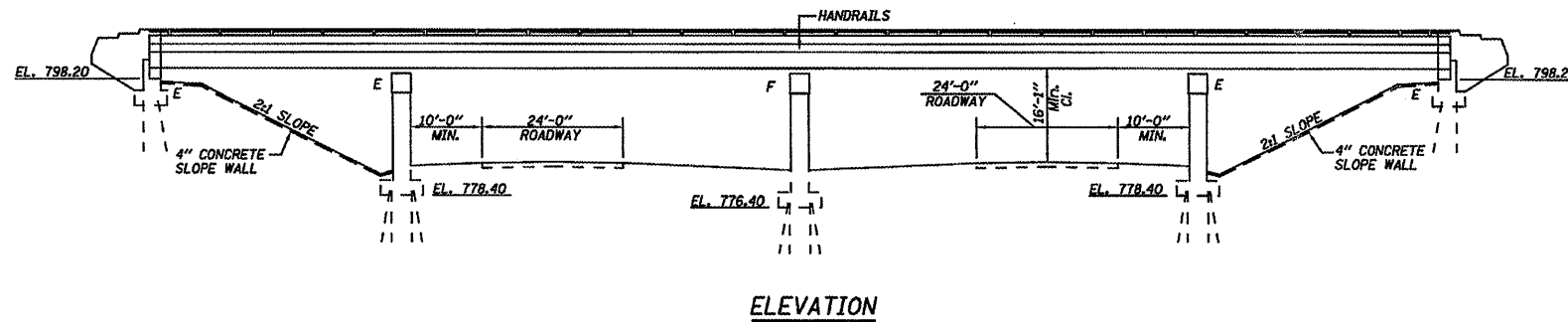
See proposed work on this sheet for description of proposed improvements.

FAI 74	MCLEAN	160	93
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Sheet 1 of 4 Sheets

• 57-20(1) & (57-4,5,6)RS-3

CONTRACT NO. 70505



PROPOSED WORK

1. Extend or plug the deck drains at locations shown.
2. Structural Repair of Concrete at cap ends of piers 1, 2 and 3.

TOTAL BILL OF MATERIALS

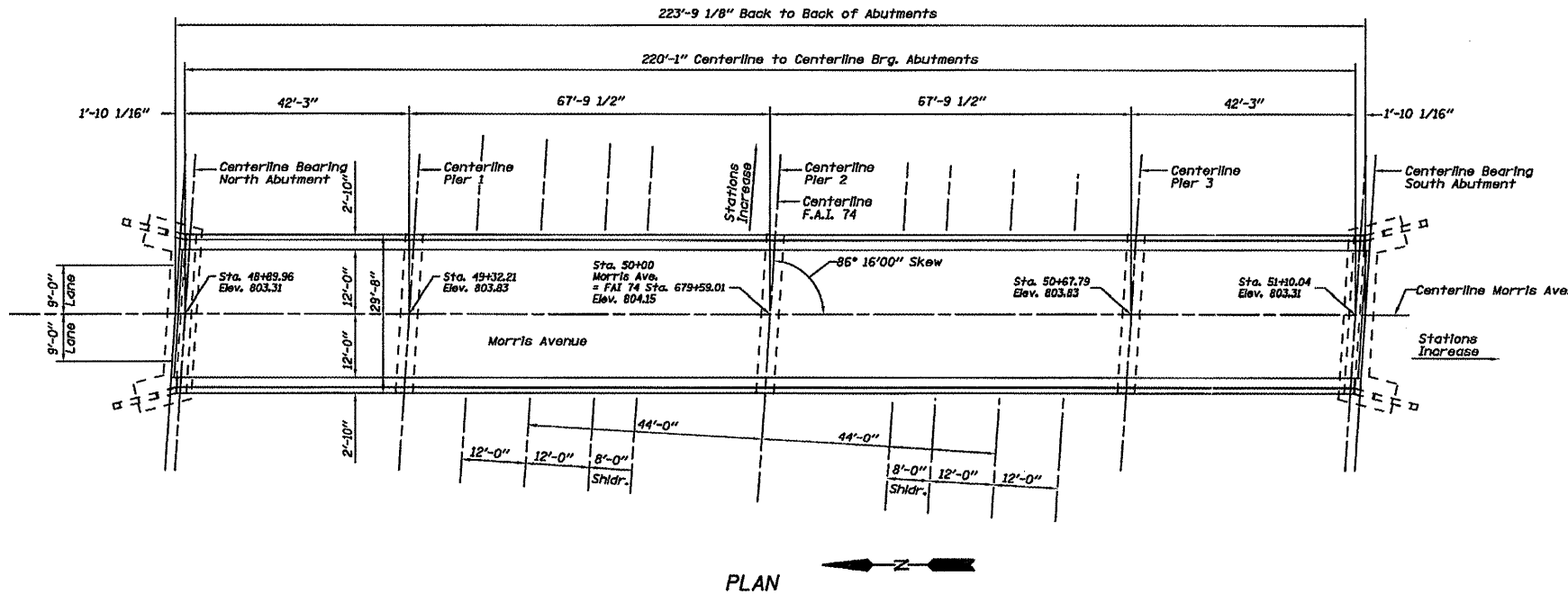
Item	Unit	Super.	Sub.	Total
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	--	99	99
FLOOR DRAIN EXTENSION	EACH	8	--	8
PLUG EXISTING DECK DRAINS	EACH	8	--	8

General Notes

No field welding is permitted except as specified in the contract documents.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

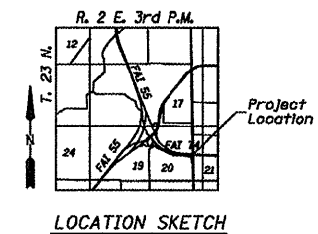
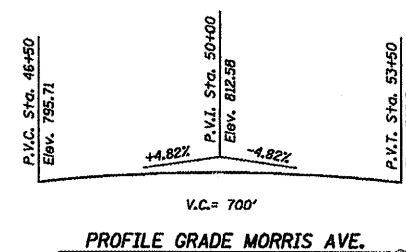
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.



PLAN

**DESIGN STRESSES
(EXISTING CONSTRUCTION)**

Concrete: $f'_c = 3,500$ psi
 Reinforcement: $f_s = 20,000$ psi
 Structural Steels: $f_y = 36,000$ psi
 AASHTO M-183
 Existing Structural Steel
 Design Loading: AASHTO H15-S12
 Design Specifications: AASHTO (1961)



DESIGNED	JDA
CHECKED	JKC
DRAWN	AAR
CHECKED	JDA

GENERAL PLAN AND ELEVATION
 TR 210 (MORRIS AVE) OVER F.A.I. ROUTE 74
 SECTION 57-20(1) & (57-4,5,6)RS-3
 MCLEAN COUNTY
 SN 057-0116
 STA. 679+59.01