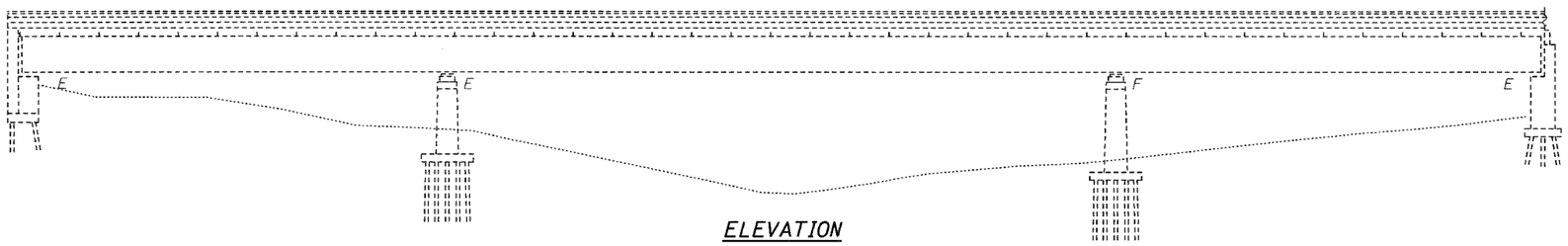
98846

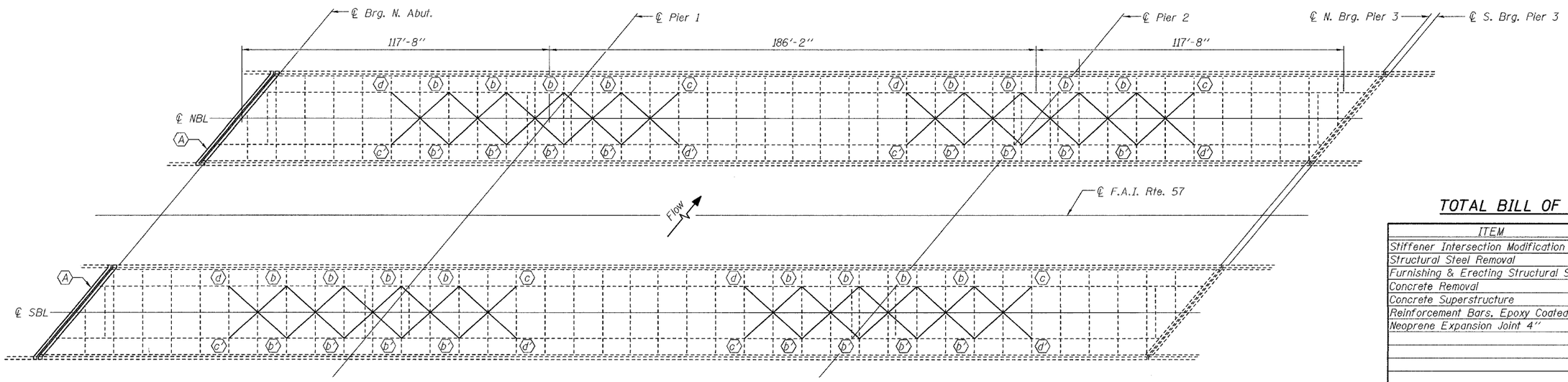
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	(02-1B)I	ALEXANDER	5	17
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
13 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

(A) - Joint replacement. See sheets 9 thru 13.
(b) - Repair detail b. See sheets 5 & 7.
(b') - Repair detail b'. See sheets 5 & 7.
(c) - Repair detail c. See sheets 5 & 7.
(c') - Repair detail c'. See sheets 5 & 7.
(d) - Repair detail d. See sheets 6 & 7.
(d') - Repair detail d'. See sheets 6 & 7.

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Fasteners for lateral bracing members shall be $\frac{7}{8}$"ϕ high strength bolts in $1\frac{1}{16}$"ϕ holes requiring two hardened washers per bolt. All other fasteners shall be $\frac{7}{8}$"ϕ high strength bolts in $\frac{15}{16}$"ϕ holes, unless otherwise noted.

Cost of field drilling shall be included with Furnishing & Erecting Structural Steel.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 bid for the work.

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

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the acrylic finish coat shall be gray, Munsell No.5B 7/1. See Special Provision "Cleaning and Painting New Metal Structures".

Surfaces of existing steel exposed down to bare metal as a result of the stiffener modification work shall be spot cleaned and painted with an aluminum epoxy mastic according to Article 506.05.

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stiffener Intersection Modification	Each	160
Structural Steel Removal	Pound	32600
Furnishing & Erecting Structural Steel	Pound	50000
Concrete Removal	Cu. Yd.	12.9
Concrete Superstructure	Cu. Yd.	12.9
Reinforcement Bars, Epoxy Coated	Pound	2380
Neoprene Expansion Joint 4"	Foot	93

DESIGNED	[signature]
CHECKED	Victor H. Veliz, Adrian Holloway
DRAWN	baliva
CHECKED	JSB ATH VHV

EXAMINED John A. Morris
ENGINEER OF STRUCTURAL SERVICES
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL PLAN & ELEVATION
I-57 OVER CACHE RIVER
F.A.I. RTE. 57 - SEC. (02-1B)I
ALEXANDER COUNTY
STATION 943+72.00
SN 002-0003 (NB) & 002-0004 (SB)

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