

GENERAL NOTES

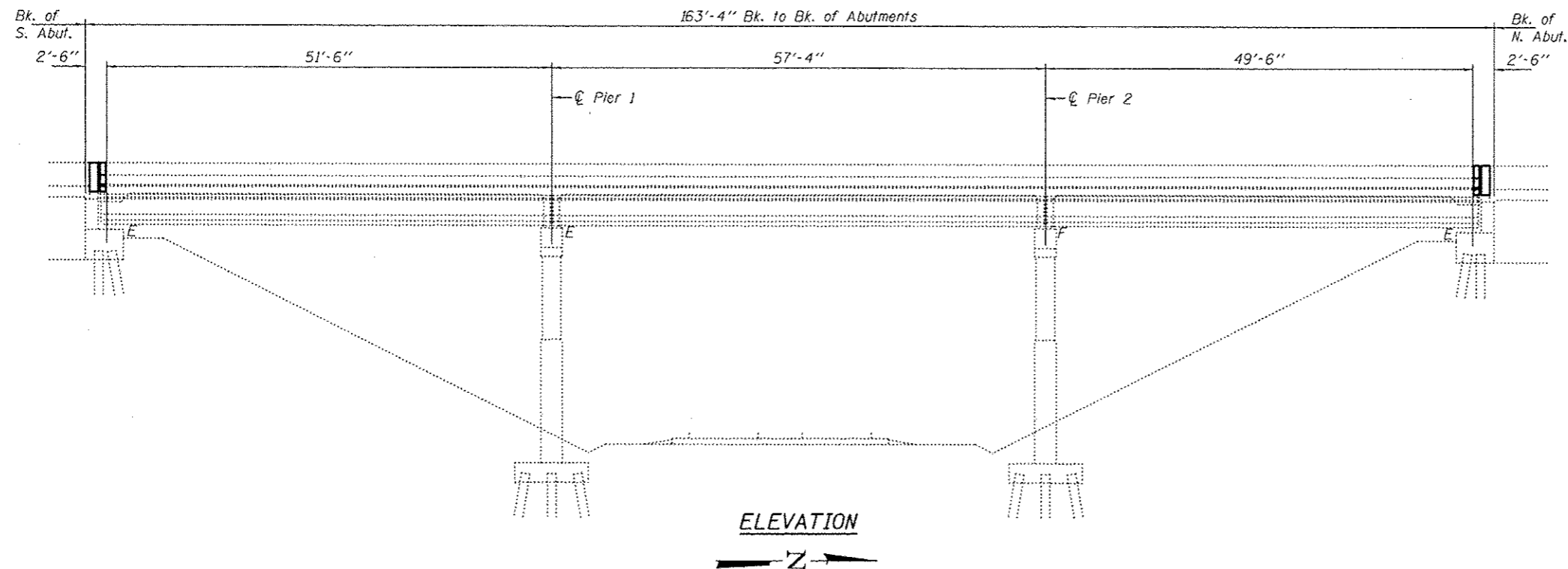
All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Reinforcement bars designated (E) shall be epoxy coated. 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.



DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 Prestressed Concrete
 $f'_c = 5,000$ psi

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	8.0
Concrete Superstructure	Cu. Yd.	8.0
Preformed Joint Strip Seal	Foot	164
Reinforcement Bars, Epoxy Coated	Pound	1100
Bar Splicers	Each	16
Protective Coat	Sq. Yd.	34.4
Structural Repair of Concrete ≤ 5 inches	Sq. Ft.	38.5
Polymer Modified Portland Cement Mortar	Sq. Ft.	67.5

* New Concrete Only



EXPIRES 11-30-2014

DESIGNED <i>Justin Lopez</i> JHU	EXAMINED <i>Timothy A. Ambrucht</i> JHU	DATE JANUARY 28, 2013
CHECKED <i>John Ballva</i> JHU	PASSED <i>David Carl Puzey</i> JHU	REVISED
DRAWN <i>ballva</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELEVATION
 FAI 39 OVER SOO LINE RR
 SN 071-0048 & 0049

SHEET NO. 1 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	02 DECK REPAIR 2013-3	OGLE	18	11
			CONTRACT NO. 64H95	
[ILLINOIS] FED. AID PROJECT				