

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOTES

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

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 Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

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

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

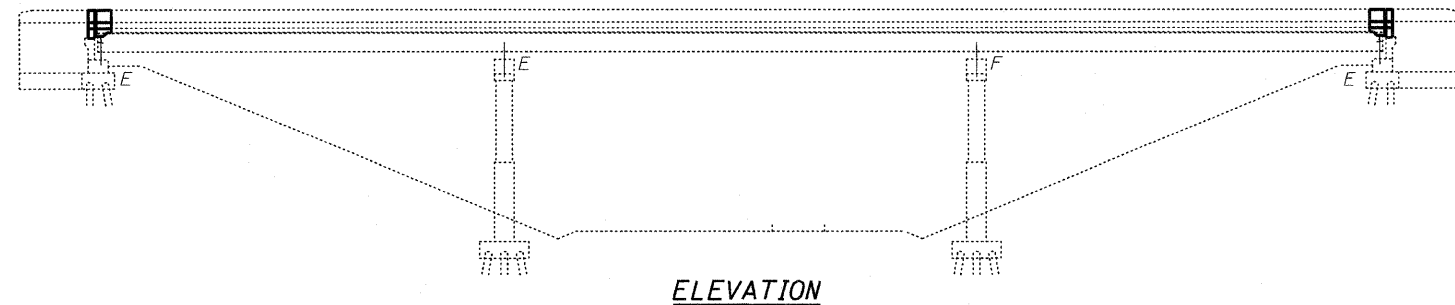
Reinforcement bars designated (E) shall be epoxy coated.

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.

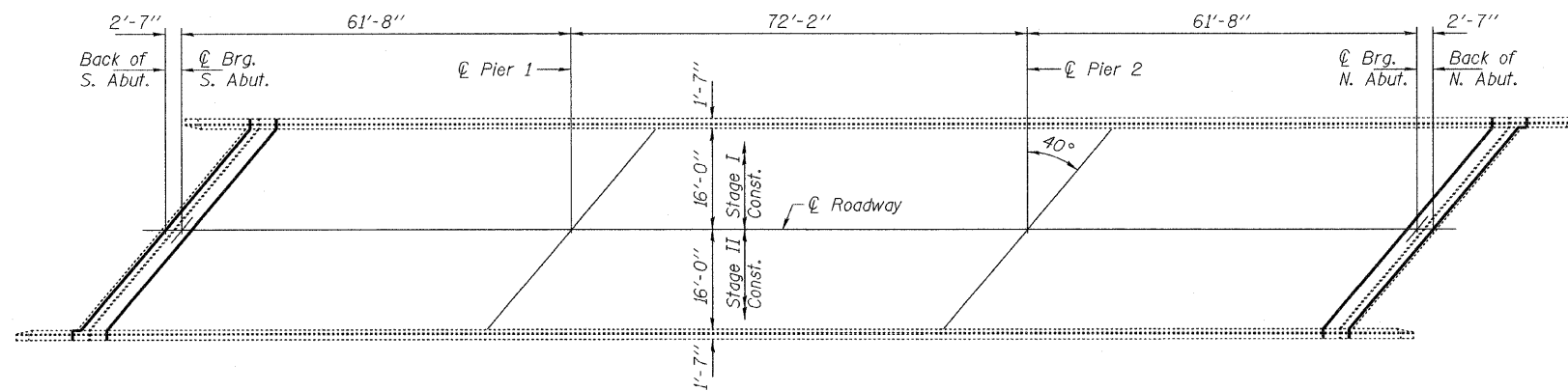
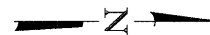
Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel.

Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.



ELEVATION



PLAN

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	18.1
Concrete Superstructure	Cu. Yd.	20.0
Elastomeric Bearing Assembly, Type I	Each	6
Elastomeric Bearing Assembly, Type II	Each	6
Furnishing and Erecting Structural Steel	Pound	1680
Jack and Remove Existing Bearings	Each	12
Reinforcement Bars, Epoxy Coated	Pound	1310
Bar Splicers	Each	24
Preformed Joint Strip Seal	Foot	92
Anchor Bolts 1"φ	Each	24

**PLAN AND ELEVATION
IL 33 OVER CSXT RAILROAD
SN 051-0032**

DESIGNED	<i>Jim J. Foley</i>
CHECKED	<i>W. J. ...</i>
DRAWN	baliva
CHECKED	IJL <i>WJ</i>

	MARCH 3, 2010
EXAMINED	<i>R. C. ...</i>
PASSED	<i>Ralph E. Anderson</i>
	ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2010

SHEET NO. 1 7 SHEETS	F.A.P. RTE. 783	SECTION (51-24-2,1-2)RS-1 &(1-X-1)RS-3	COUNTY LAWRENCE	TOTAL SHEETS 42	SHEET NO. 35
	CONTRACT NO. 74414				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		