

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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.

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 based at the unit price bid for the work.

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.

If the analysis submitted to the Contractor for the jacking/temporary support system to be used shows temporary stiffeners are required to prevent web crippling or buckling, the stiffeners shall be steel and bolted to the web. If stiffeners are not required, hardwood timbers shall be installed tightly between the top and bottom flange to prevent flange rotation.

Concrete Superstructure shall have a seven day minimum cure.

No in-stream work allowed.

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

Fasteners shall be high strength bolts. Bolts $\frac{3}{4}$ " , open holes $1\frac{1}{16}$ " , unless otherwise noted.

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

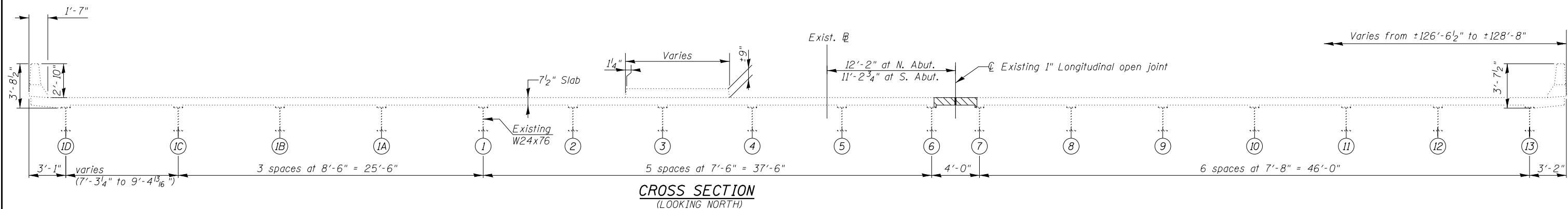
Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All structural steel shall be galvanized according to AASHTO M111. After galvanizing, contact surfaces for any bolted connections shall be roughened by hand wire brushing or according to SSPC-SP7 (Brush-Off Blast Cleaning). Power wire brushing is not allowed. No field painting required. Cost included with Furnishing and Erecting Structural Steel and Structural Steel Repair.

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.

TOTAL BILL OF MATERIAL

Concrete Removal	Cu. Yd.	47
Concrete Superstructure	Cu. Yd.	90
Protective Coat	Sq. Yd.	178
Furnishing and Erecting Structural Steel	Pound	450
Reinforcement Bars, Epoxy Coated	Pound	19,350
Bar Splicers	Each	92
Approach Slab Repair (Full Depth)	Sq. Yd.	56
Structural Steel Repair	Pound	1950
Structural Repair of Concrete (Depth greater than 5 Inches)	Sq. Ft.	8
Temporary Shoring & Cribbing	Each	1



DESIGNED RAD	EXAMINED _____	DATE - _____
CHECKED RB	ENGINEER OF STRUCTURAL SERVICES	
DRAWN RAD	PASSED _____	REVISED _____
CHECKED JAM	ENGINEER OF BRIDGES AND STRUCTURES	REVISED _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 83 AT SALT CREEK
GENERAL NOTES, CROSS SECTION, TOTAL BILL OF MATERIALS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	543-X-B-I-2		31	5
CONTRACT NO. 60T76				

SHEET NO. 2 OF 13 SHEETS

ILLINOIS FED. AID PROJECT