

GENERAL NOTES

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

Fasteners shall be high strength bolts. Bolts 7/8"φ, open holes 15/16"φ, unless otherwise noted.

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.

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".

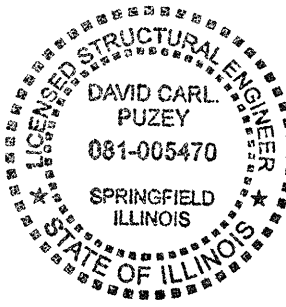
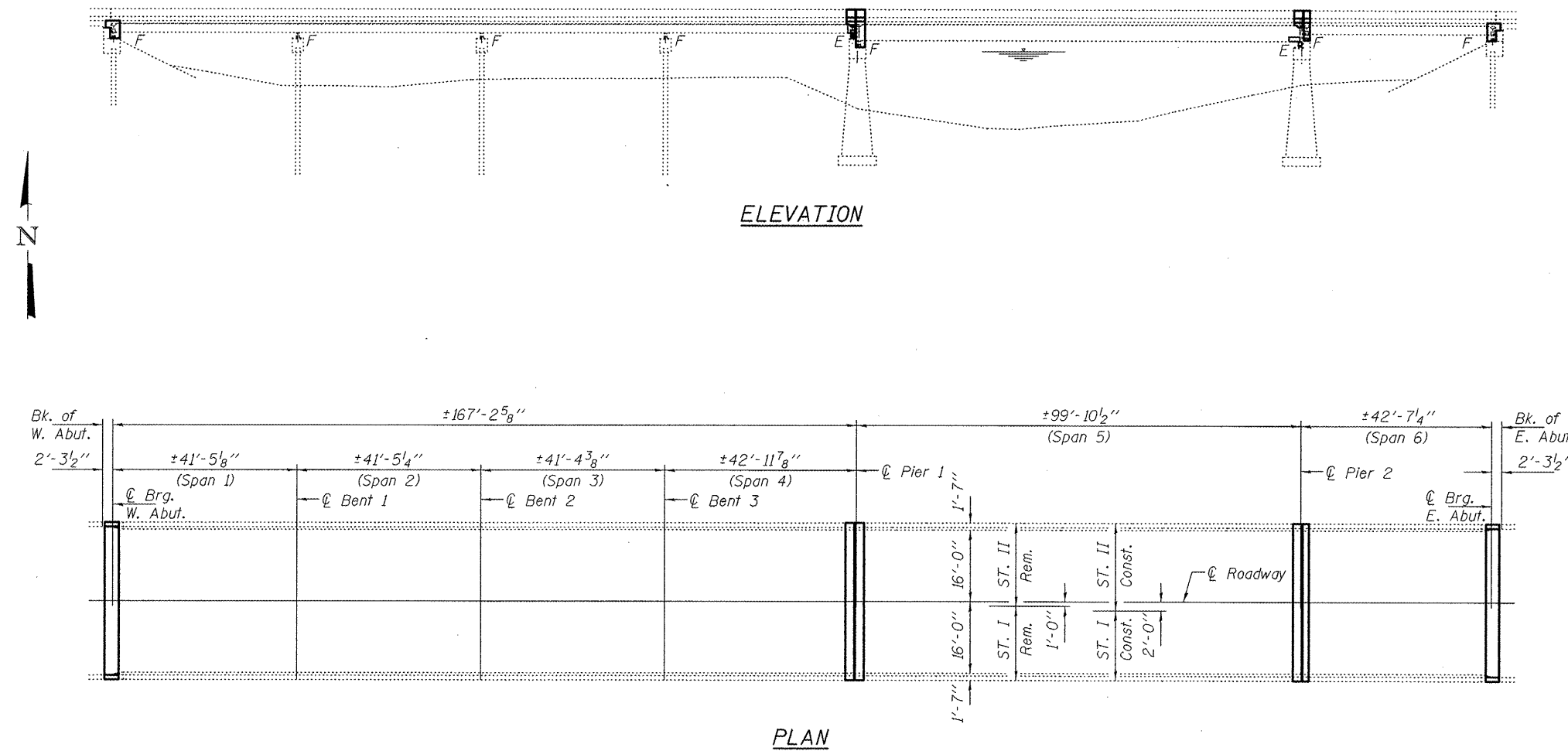
All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel or Structural Steel Repair.

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.

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

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 work, material, equipment required for saw cutting & concrete removal shall be included in the price bid for Concrete Superstructure.



EXPIRES 11-30-2012

DESIGNED <i>Adrian J. Holloway</i>	EXAMINED <i>Jon F. Jolly</i>	DATE NOVEMBER 23, 2011
CHECKED <i>Tom J. Toes</i>	ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN <i>baliva</i>	PASSED <i>David Carl Puze</i>	REVISED
CHECKED <i>ATH ISL</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND ELEVATION
IL 161 OVER SILVER CREEK
SN 082-0095**

SHEET NO. 1 OF 10 SHEETS

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	19.2
Concrete Superstructure	Cu. Yd.	52.8
Reinforcement Bars, Epoxy Coated	Pound	3800
Structural Steel Repair	Pound	2730
Preformed Joint Strip Seal	Foot	68
Elastomeric Bearing Assembly, Type I	Each	5
Elastomeric Bearing Assembly, Type II	Each	5
Jack and Remove Existing Bearings	Each	10
Furnishing and Erecting Structural Steel	Pound	2790
Anchor Bolts 1"φ	Each	20
Bar Splicers	Each	75
* Protective Coat	Sq. Yd.	59.5

* New concrete areas only

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
805	1258R-2	ST. CLAIR	17	7
CONTRACT NO. 76E99			ILLINOIS FED. AID PROJECT	