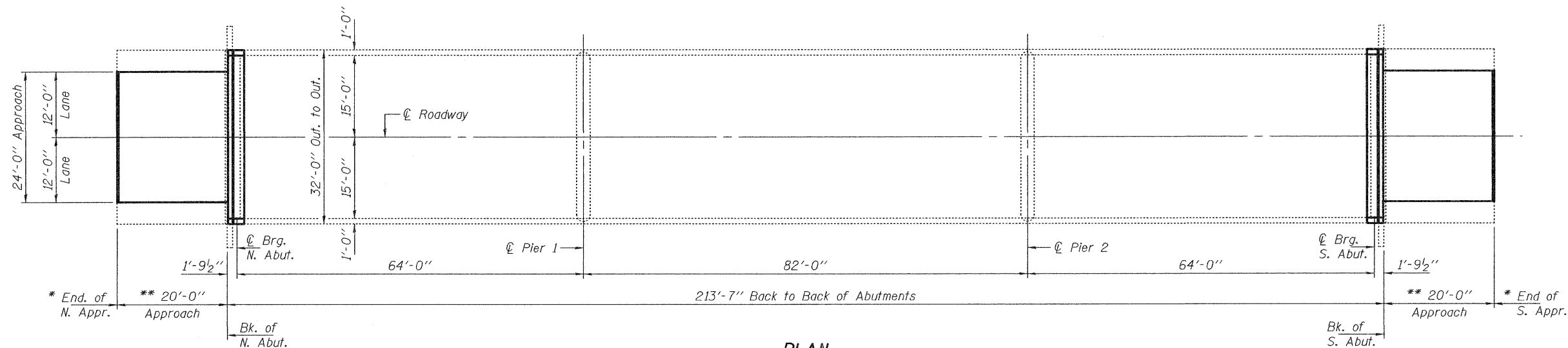


ELEVATION



PLAN

\* See Detail "A" on sheet 3 of 10 for end of approach details.

\*\* See sheet 9 of 10 for Approach Cross-Section.

**GENERAL NOTES**

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

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.

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

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.

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 I. Cost included with Furnishing and Erecting Structural Steel.

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 Superstructures. 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 removal and reinstallation of the rail post supports will be necessary at the abutments. Cost included with Concrete Superstructure.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	7.0
Concrete Superstructure	Cu. Yd.	7.8
Prefomed Joint Strip Seal	Foot	64
Bar Splicers	Each	22
Reinforcement Bars, Epoxy Coated	Pound	980
Jack and Remove Existing Bearings	Each	12
Elastomeric Bearing Assembly, Type I	Each	6
Elastomeric Bearing Assembly, Type II	Each	6
Furnishing & Erecting Structural Steel	Pound	1340
Anchor Bolts, 1"φ	Each	24
Bridge Deck Scarification, 3/4"	Sq. Yd.	827
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	825
Bridge Deck Grooving	Sq. Yd.	786
*** Protective Coat	Sq. Yd.	20
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	7
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	73
Polymer Concrete	Cu. Ft.	2.7

\*\*\* Protective Coat shall not be applied to surfaces which receive Bridge Deck Microsilica Concrete Overlay.



Expires: November 30, 2012

DESIGNED - Ally Nancy  
 CHECKED - Dan J. Puzey  
 DRAWN - Kyle M. Stoffen  
 CHECKED - ADJ IJL

EXAMINED - *Jan F. Jelliffe*  
 ACTING ENGINEER OF STRUCTURAL SERVICES  
 PASSED - *David Carl Puzey*  
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - MARCH 4, 2011

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
 SN 015-0036

SHEET NO. 1 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
677	(15-2, 15-1, 15, 11)RS-1	COLES	65	39
CONTRACT NO. 74507			ILLINOIS FED. AID PROJECT	