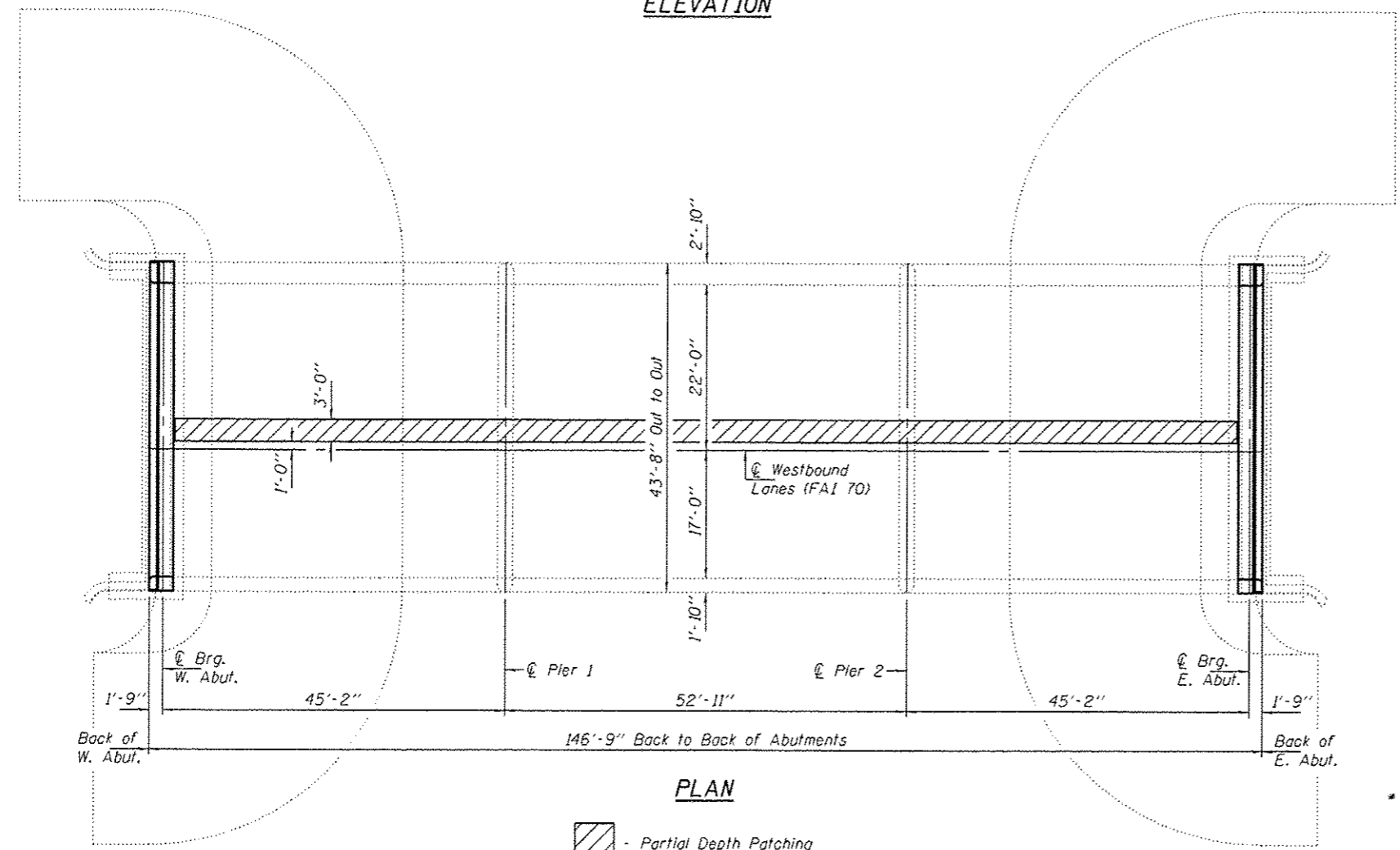
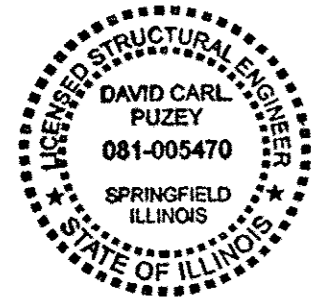


ELEVATION



PLAN

- Partial Depth Patching



Expires: November 30, 2014

DESIGNED - *Stephan M. Ryan*
 CHECKED - *Tom Clark*
 DRAWN - Kyla M. Steffan
 CHECKED - *TLC*

EXAMINED - *Timothy A. [Signature]*
 PASSED - *[Signature]*
 ACTING ENGINEER OF STRUCTURAL SERVICES
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - AUGUST 18, 2014

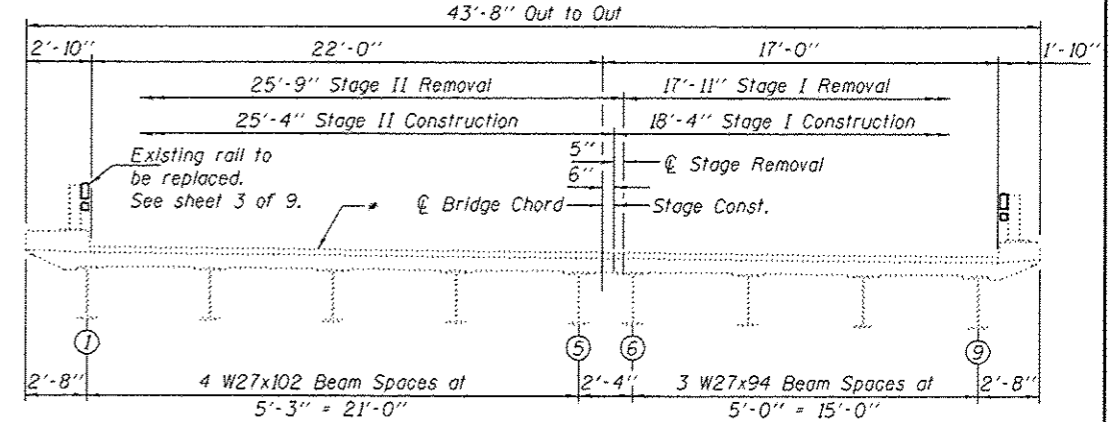
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 F.A.I. ROUTE 70 OVER SUGAR CREEK
 SN 060-0032 (W.B.)

SHEET NO. 1 OF 9 SHEETS

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 designated (E) shall be epoxy coated.
 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.
 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 new 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 existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft. (measured along beam) of either side of deck joints shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Commercial Grade Power Tool Cleaning - SSPC-SP15. The designated areas cleaned per Near White Blast Cleaning and per Commercial Grade Power Tool Cleaning shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior and exterior steel surfaces shall be Interstate Green, Munsell No. 7.5G 4/8.



CROSS SECTION
(Looking East)

* Apply Bridge Deck Concrete Sealer to the deck surface and the face & top of the curbs.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	12.3
Concrete Superstructure	Cu. Yd.	12.3
Preformed Joint Strip Seal	Foot	90
Reinforcement Bars, Epoxy Coated	Pound	1370
Bar Splicers	Each	24
Bridge Deck Concrete Sealer	Sq. Ft.	6500
Cleaning and Painting Steel Bridge No. 6	L.S.	1
Containment and Disposal of Lead Paint Cleaning Residues, Bridge No. 6	L.S.	1
Jack and Remove Existing Bearings	Each	18
Elastomeric Bearing Assembly, Type I	Each	9
Elastomeric Bearing Assembly, Type II	Each	9
Anchor Bolts, 1"φ	Each	36
Furnishing and Erecting Structural Steel	Pound	2420
Deck Slab Repair (Partial)	Sq. Yd.	46.7
Bridge Rail Removal	Foot	292
Steel Railing, Type 2399	Foot	292

F.A.I. RTE. 70	SECTION 60-111,121RS-3	COUNTY MADISON	TOTAL SHEETS 242	SHEET NO. 204
CONTRACT NO. 76F13			ILLINOIS FED. AID PROJECT	