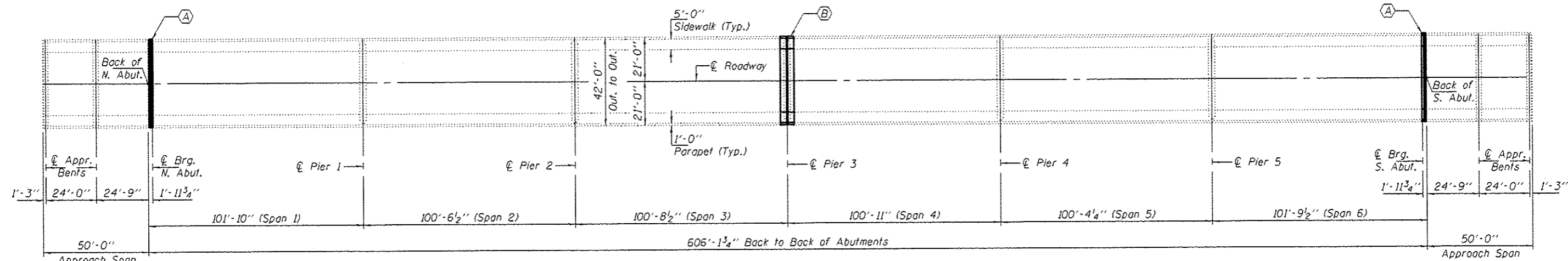
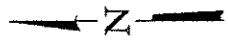


ELEVATION



PLAN

- (A) - Remove Existing Expansion Joint and install new Preformed Joint Strip Seal
- (B) - Remove & Replace Existing Finger Plate Expansion Joint

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.

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 deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure. Reinforcement bars designated (E) shall be epoxy coated.

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".

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.

Finger Plate Expansion Joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.

Tapered shims shall be added under the stools, as required by the Engineer, to make a smooth finger joint. Cost shall be included with Finger Plate Expansion Joint.

The finger plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.

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.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	9.2
Concrete Superstructure	Cu. Yd.	9.3
Preformed Joint Strip Seal	Foot	85
Finger Plate Expansion Joint	Foot	30
Reinforcement Bars, Epoxy Coated	Pound	1400
Bar Splicers	Each	24
Mechanical Splicers	Each	60
Fabric Reinforced Elastomeric Trough	Foot	42



Expires: November 30, 2014

DESIGNED - <i>Stephan M. Ryan</i>	EXAMINED - <i>Timothy A. A. H.</i>	DATE - APRIL 23, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - <i>Tom Clark</i>	PASSED - <i>Kyle M. Steffen</i>			5571	02 BRIDGE REPAIR 2014-2	WHITESIDE	33	11		
DRAWN - <i>Kyle M. Steffen</i>				SN 098-0051		CONTRACT NO. 64J92				
CHECKED - <i>SMR TCC</i>				SHEET NO. 1 OF 7 SHEETS		ILLINOIS FED. AID PROJECT				