

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.

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 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.

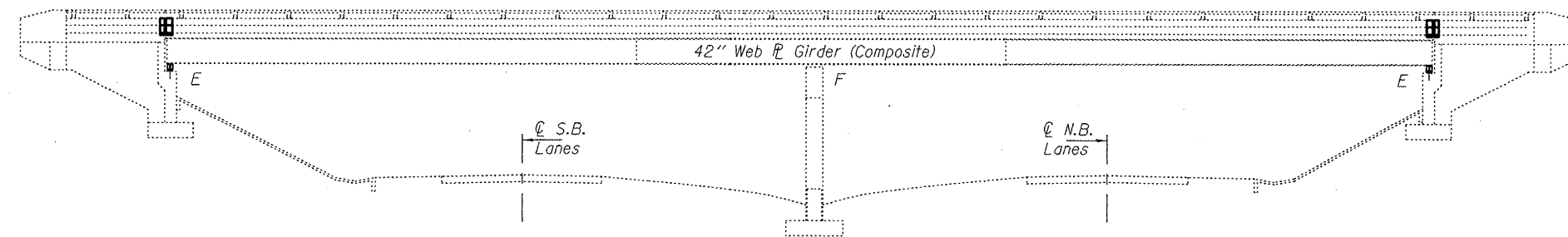
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

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

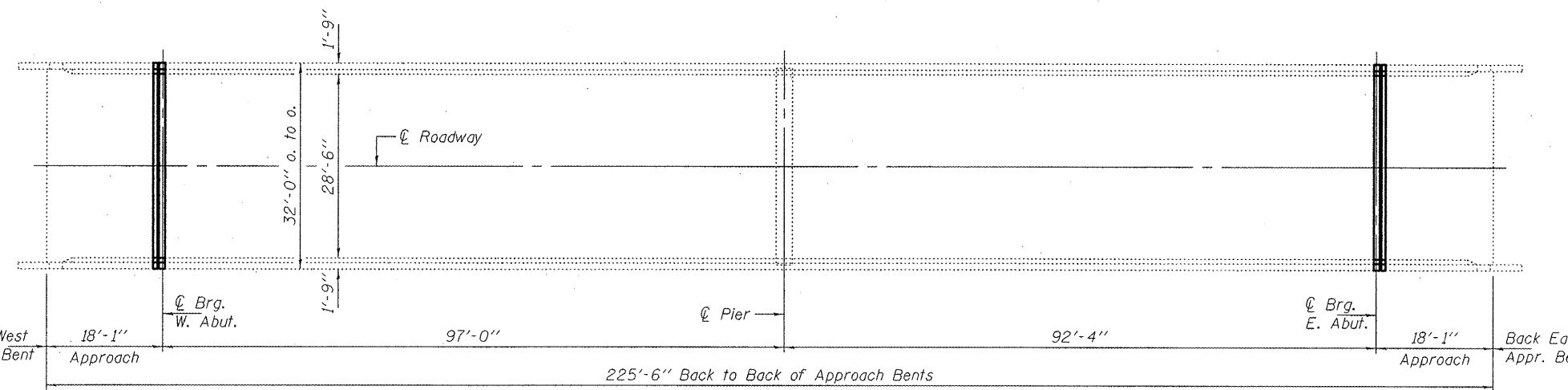
Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

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.

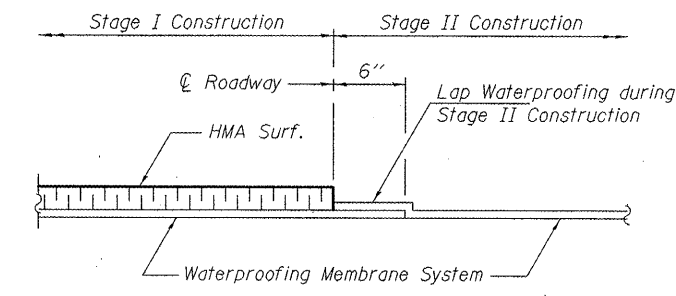
If the analysis submitted to the Contractor for the jacking/temporary support system to be used shows temporary stiffeners are required to prevent web crippling or buckling, the stiffeners shall be steel and bolted to the web. If stiffeners are not required, hardwood timbers shall be installed tightly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



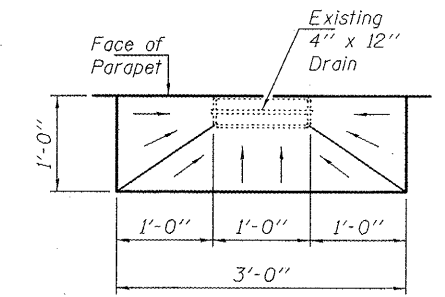
ELEVATION



PLAN



WATERPROOFING TREATMENT AT STAGE CONSTRUCTION



DRAIN TREATMENT DETAIL

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	2.5
Concrete Superstructure	Cu. Yd.	2.2
Preformed Joint Strip Seal	Foot	61
Reinforcement Bars, Epoxy Coated	Pound	360
Bar Splicers	Each	10
Elastomeric Bearing Assembly, Type I	Each	10
Jack and Remove Existing Bearings	Each	10
Furnishing and Erecting Structural Steel	Pound	1740
Anchor Bolts, 1"φ	Each	20
HMA Surface Removal (Deck)	Sq. Yd.	597
Waterproofing Membrane System	Sq. Yd.	611
HMA Surface Course, Mix "D", N50	Tons	50.7



Expires: November 30, 2012

DESIGNED - <i>W. J. Jansky</i>	EXAMINED - <i>Jan F. Jansky</i>	DATE - MARCH 8, 2012
CHECKED - <i>Kyle M. Steffen</i>	PASSED - <i>David Carl Puzey</i>	
DRAWN - <i>Kyle M. Steffen</i>		
CHECKED - <i>ADY</i>		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
TOBOGGAN AVENUE OVER F.A.I. 155
SN 090-0101

SHEET NO. 1 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
462	(108-HB-1)1-2	TAZEWELL	14	4
CONTRACT NO. 68A59			ILLINOIS FED. AID PROJECT	