

**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.

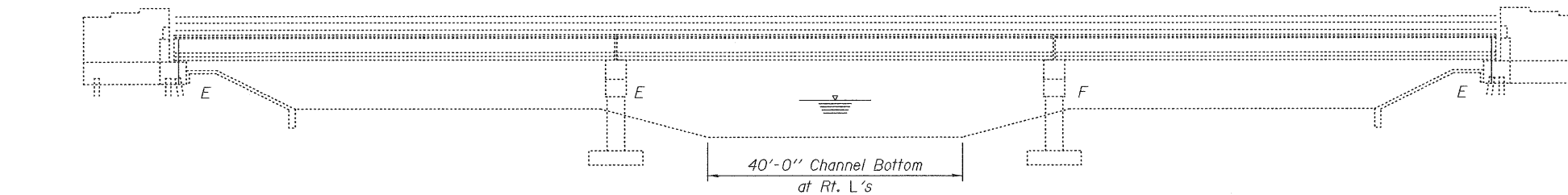
Reinforcement bars designated (E) shall be epoxy coated.

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.

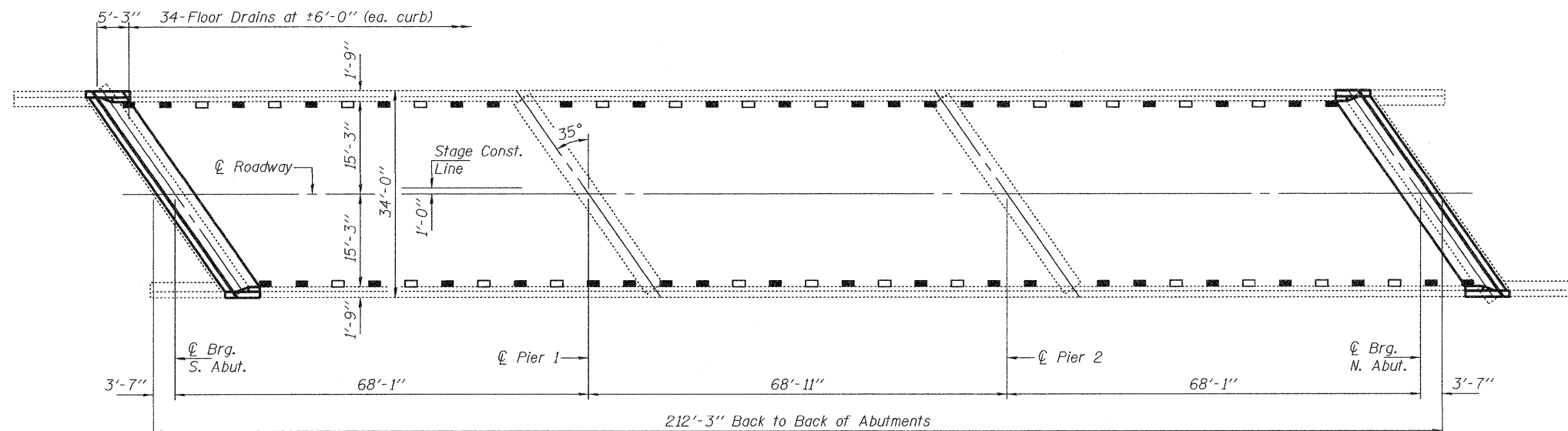
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.

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 Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.



**ELEVATION**



**PLAN**

**LEGEND**

- Existing Drain to be Extended (See Detail sheet 6 of 10)
- Existing Drain to be Eliminated (See Detail sheet 6 of 10)

**SCOPE OF WORK**

1. Existing HMA Overlay & Water-Proofing Membrane System to be Removed & Replaced.
2. Eliminate Designated 4" x 12" Rectangular Drains (See Legend)
3. Extend Designated 4" x 12" Rectangular Drains (See Legend)
4. Repair PPC I-Beams
5. Replace Existing Neoprene Joints at Abutments with Prefomed Joint Strip Seal

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	24.8
Concrete Superstructure	Cu. Yd.	24.6
Reinforcement Bars, Epoxy Coated	Pound	3680
Bar Splicer	Each	22
HMA Surface Removal (Deck)	Sq. Yd.	705.8
HMA Surface Course Mix "D" N70	Tons	69.5
Prefomed Joint Strip Seal	Foot	83
Plug Existing Deck Drain	Each	42
Floor Drain Extension	Each	24
Polymer Modified Portland Cement Mortar	Sq. Ft.	180
Structural Repair of Concrete ≤ 5 inches	Sq. Ft.	3.4
Water-Proofing Membrane System	Sq. Yd.	705.8
Mechanical Splicer	Each	10

**U.S. ROUTE 20 / IL ROUTE 84  
OVER SMALLPOX CREEK**



Expires: November 30, 2012

DESIGNED <i>[Signature]</i>	EXAMINED <i>[Signature]</i>	DATE	JANUARY 13, 2011
CHECKED <i>[Signature]</i>	PASSED <i>[Signature]</i>		
DRAWN Kyle M. Steffen	ACTING ENGINEER OF STRUCTURAL SERVICES		
CHECKED <i>[Signature]</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION  
SN 043-0035**

SHEET NO. 1 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(298-1)M-1	JoDAVIESS	17	8
CONTRACT NO. 64681			ILLINOIS FED. AID PROJECT	