



**ELEVATION**

**PLAN**

**GENERAL NOTES**

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions. Reinforcement bars designated (E) shall be epoxy coated. 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. 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.

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 WT sections at the abutments shall be removed and reinstalled. Cost included with Concrete Superstructure. Extreme care must be exercised when removing concrete from the surface of a reinforced concrete slab bridge. Exposure of the top primary longitudinal rebar over the piers may lead to the collapse of the bridge. If during the scarification process, the top primary longitudinal rebar is exposed, the scarification process must be stopped immediately. The resident Engineer must then contact the Bureau of Bridges & Structures to determine the severity of the structural problem and the method of repair. The deck surface shall be textured by saw cut grooving according to Article 503.16 of the Standard Specifications.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	13.8
Concrete Superstructure	Cu. Yd.	13.6
Preformed Joint Strip Seal	Foot	163
Reinforcement Bars, Epoxy Coated	Pound	980
Bar Splicers	Each	24
Bridge Deck Scarification, 2 1/2"	Sq. Yd.	784
Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	784
Bridge Deck Grooving	Sq. Yd.	730
** Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	10
** Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	10



Expires: November 30, 2012

DESIGNED - <i>Wally Nancy</i>	EXAMINED - <i>John F. Jell</i>	DATE - MARCH 8, 2012
CHECKED - <i>Kyle M. Steffen</i>	ACTING ENGINEER OF STRUCTURAL SERVICES	
DRAWN - <i>Kyle M. Steffen</i>	PASSED - <i>David Carl Puzey</i>	
CHECKED - <i>ADJ MKC</i>	ACTING ENGINEER OF BRIDGES AND STRUCTURES	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION  
ILLINOIS ROUTE 251 OVER DRY CREEK  
SN 101-0033 (NB) & 0034 (SB)**

F.A. RTE. 738	SECTION (SB)M	COUNTY WINNEBAGO	TOTAL SHEETS 24	SHEET NO. 13
CONTRACT NO. 64H21			ILLINOIS FED. AID PROJECT	

SHEET NO. 1 OF 6 SHEETS