

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Br 60 (IL Modified). See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to routine 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 compensations for a change in scope of the work; however, the Contractor will be paid for the quantity actually furnished based upon 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 operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included in 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.

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.

Removal and replacement of the end handrail sections and support posts at the east abutment will be necessary for construction of the expansion joints. The existing handrail sections and support posts shall be reused. New bolts, shim plates, and post support anchor assemblies as detailed in the plans are to be provided and installed for the replacement of the handrail and supports. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

The existing waterproofing membrane system is not known to contain asbestos.

TOTAL BILL OF MATERIALS

SN 058-0097

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	12.0
Concrete Superstructure	Cu. Yd.	13.3
Reinforcement Bars, Epoxy Coated	Pound	3010
Bar Splicers	Each	24
Elastomeric Bearing Assembly Type II	Each	8
Furnishing and Erecting Structural Steel	Pound	1900
Jack and Remove Existing Bearings	Each	8
Hot-Mix Asphalt Removal (Deck)	Sq. Yd.	899
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	899
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2/4"	Sq. Yd.	899
Bridge Deck Grooving	Sq. Yd.	899
Protective Coat	Sq. Yd.	899
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	4
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	31
Floor Drains	Each	16
Preformed Joint Strip Seal	Foot	82
Structural Repair of Concrete <5"	Sq. Ft.	141
Plug Existing Deck Drains	Each	16
Anchor Bolts 1/2" Ø	Each	16
Protective Shield	Sq. Yd.	1036



Expires Nov. 30, 2010

FILE NAME = c:\pw\work\PWIDOT\SWARTZR\cns07779\k...enbridge.dgn	USER NAME = swartzr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE GENERAL NOTES & BILL OF MATERIALS SN 058-0097			F.A.I. RTE. 72	SECTION 66(B,HVB,HB-1)BR	COUNTY MACON	TOTAL SHEETS 83	SHEET NO. 66
PLOT SCALE = 20,0000' / IN.		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 17 SHEETS	STA.	TO STA.	CONTRACT NO. 74343			
PLOT DATE = 9/28/2009		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									