

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 both abutments of both structures 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.

Construction of a Bridge Approach Wingwall Improvement at locations specified on the plans will be necessary prior to erecting the new guardrail. The end of the existing aluminum railing shall be cut as shown in the details and removed prior to placement of the new concrete. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Removal and reinstallation of the existing name plates on both structures will necessary for construction of the expansion joints. This work and all materials shall be included in the contract unit price for Relocating Name Plates.

**TOTAL BILL OF MATERIALS**

SN 058-0095 (EB)

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	49.2
Concrete Superstructure	Cu. Yd.	110.9
Reinforcement Bars, Epoxy Coated	Pound	25030
Bar Splicers	Each	72
Elastomeric Bearing Assembly Type II	Each	12
Furnishing and Erecting Structural Steel	Pound	1710
Jack and Remove Existing Bearings	Each	12
Hot Mix Asphalt Removal (Deck)	Sq. Yd.	1506
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	1506
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	1506
Bridge Deck Grooving	Sq. Yd.	1506
Protective Coat	Sq. Yd.	1506
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	10
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	26
Floor Drains	Each	40
Preformed Joint Strip Seal	Foot	192
Structural Repair of Concrete <5"	Sq. Ft.	266
Relocating Name Plates	Each	1
Plug Existing Deck Drains	Each	46
Anchor Bolts 1" Ø	Each	24
Protective Shield	Sq. Yd.	1124
Concrete Structures	Cu. Yd.	19.3
Porous Granular Embankment (Special)	Cu. Yd.	152
Geocomposite Wall Drain	Sq. Yd.	70
Pipe Underdrain For Structures, 4"	Feet	72
Temporary Soil Retention System	Sq. Ft.	70
Structure Excavation	Cu. Yd.	152

**TOTAL BILL OF MATERIALS**

SN 058-0096 (WB)

ITEM DESCRIPTION	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	53.3
Concrete Superstructure	Cu. Yd.	59.4
Reinforcement Bars, Epoxy Coated	Pound	7040
Bar Splicers	Each	72
Elastomeric Bearing Assembly Type II	Each	12
Furnishing and Erecting Structural Steel	Pound	1710
Jack and Remove Existing Bearings	Each	12
Hot-Mix Asphalt Removal (Deck)	Sq. Yd.	1506
Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	1506
Bridge Deck Microsilica Concrete Overlay, 2 1/4"	Sq. Yd.	1506
Bridge Deck Grooving	Sq. Yd.	1506
Protective Coat	Sq. Yd.	1506
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	10
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	32
Floor Drains	Each	40
Preformed Joint Strip Seal	Foot	192
Structural Repair of Concrete <5"	Sq. Ft.	193
Relocating Name Plates	Each	1
Plug Existing Deck Drains	Each	46
Anchor Bolts, 1" Ø	Each	24
Protective Shield	Sq. Yd.	1124



Expires Nov. 30, 2010

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BRIDGE GENERAL NOTES &amp; BILL OF MATERIALS SN 058-0095 (EB) &amp; SN 058-0096 (WB)</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			72	66(B),HVB,HB-1BR	MACON	83	45	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			SCALE: N/A		SHEET NO. 1 OF 21 SHEETS		STA. TO STA.	
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74343	