

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Concrete Removal	Cu Yd	16.5
Concrete Superstructure	Cu Yd	17.7
Bridge Deck Grooving	Sq Yd	1,995
Protective Coat	Sq Yd	1,800
Reinforcement Bars, Epoxy Coated	Pound	1,630
Bar Splicers	Each	24
Prefomed Joint Strip Seal	Foot	100
Floor Drain Extension	Each	42
Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq Yd	2,130
Bridge Deck Scarification 3/4"	Sq Yd	2,130
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq Ft	43
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq Ft	9
Drainage Scuppers to be Adjusted	Each	11
Slope Wall Repair	Sq Yd	15

**GENERAL NOTES:**

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.

These plans have been prepared from notes received from I.D.Q.T. Field Maintenance Engineers. 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 Existing Concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer.

Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

Refer to Article 503.16 of the Standard Specification for Bridge Deck Grooving.

Refer to Article 503.19 of the Standard Specification for Protective Coat applications.

The scupper troughs shall be covered with plastic and taped shut immediately prior to the application of the Protective Coat. No Protective Coat must be allowed to stick to the scupper troughs. Immediately after the Protective Coat has dried, the plastic and tapes shall be removed from the drainage scuppers.

All floor drains and scuppers shall be cleaned and flushed with water at the end of the contract. Cost included with "Concrete Superstructure".

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on the As-Built plans. Existing Reinforcement Bars extending into the removal areas 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 is included with Concrete Removal.

Reinforcement Bars designated (E) shall be epoxy coated.

All Structural Steel shall conform to AASHTO Classification M-270 Grade 36, unless otherwise noted.

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USER NAME = IDOT	DESIGNED - J.C.N./B.N.S.	REVISED -
	CHECKED - B.N.S./J.C.N.	REVISED -
PLOT SCALE = 100.000000' / IN.	DRAWN - F.M.	REVISED -
PLOT DATE = 1/7/2013	DATE - OCTOBER 9, 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & TOTAL BILL OF MATERIAL  
STRUCTURE NO. 099-0272**

SHEET NO. S2 OF S19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	K-29-A-BR-1	WILL	55	31
CONTRACT NO. 60R63				
ILLINOIS FED. AID PROJECT				