

## GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at South Abutment and Pier 1 or approved by the Engineer before ordering the remainder of piles.

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

Excavation required to construct the Abutments and Piers shall be included in the cost of Concrete Structures. No additional compensation will be allowed for Structure Excavation.

All proposed construction activities shall be in accordance with Nationwide Permit number 14 of the Department of the Army authorized under Section 404 of the Clean Water Act. The IEPA has issued Section 401 Water Quality Certification for this

activity. See Special Provisions for conditions. The top surface of the deck shall be screeded with a straight edge and then finished with a wooden hand float. Further finishing shall be delayed until the water sheen appears, but not to the point of rendering further manipulation ineffective. The surface then shall be roughened with a suitable stiff-bristled broom or wire brush drawn in transverse direction removing any laitance present and breaking up the water sheen. The corrugations formed shall be uniform in appearance and in no case more than 4'' in depth. Protective Coat shall be applied to the top surface and the sides

of the concrete deck.



SECTION A-A Note: See Special Provisions for Riprap. Special.

> hannel Ex orous Gra Riprap, Sp Removal of Concrete S Concrete Concrete E Protective Reinforcem Steel Railli urnishing Driving Pile Test Pile S Name Plate Geocomposi Pine Under

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."

Stern W. Myginson 4/10/20 ILLINOIS STRUCTURAL NO. 081-6064 4/12/20.0

HAMPTON, LENZINI AND RENWICK, INC. CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201	SHEET NO.1	T.R.	SECTION		COUNTY	TOTAL	SHEET NO.
SPRINGFIELD, ILLINOIS 62703 217.546.3400 www.hirengineering.com		155	07-2012·	4-00-BR	McLEAN	17	10
184.000959 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION	8 SHEETS	LAWNDALE ROAD DISTRICT			CONTRACT	NO. 91442	
DJECT NUMBER: 07.0445.130 DATE: 03/22/10		FED. RC	AD DIST. NO.	ILLINOIS FED. A	ID PROJECT BROS	-0113(031)	

724.7



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL					
xcavation	Cu. Yd.			250					
anular Embankment	Ton		74	74					
pecial	Sq. Yd.			277					
f Existing Structures	Each			1					
Structures	Cu. Yd.		28.6	28.6					
Superstructure	Cu. Yd.	72.8		72.8					
Encasement	Cu. Yd.		13.6	13.6					
Coat	Sq. Yd.	203		203					
ment Bars, Epoxy Coated	Pound		24,130	24,130					
ng, Type SI	Foot	114		114					
Steel Piles HP10x42	Foot		540	540					
es	Foot		540	540					
Steel HP10x42	Each		2	2					
9 <i>6</i>	Each		1	1					
ite Wall Drain	Sq. Yd.			28					
rdrains for Structures, 4''	Foot			100					



