

1430

1210

1960

10 Year Velocity Through Existing Bridge (fps) = 4.3

190

50

PROP OVERTOP 500

Design Specifications: 2007 AASHTO LRFD EXIST OVERTOP

with all applicable interims. 50#/Sa, Ft. included in dead load for

future wearing surface.

260

260

667.86

667.52

668.37

0.52

668.04

0.90

10 Year Velocity Through Proposed Bridge (fps) = 3.7

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 each Abutment or approved by the Engineer before ordering the remainder of piles. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

706 Gr 60. See Special Provisions.

Excavation required to construct the Abutments 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 3 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 pathible See Special Provisions for conditions. for this activity. See Special Provisions for conditions.

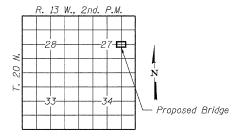
INDEX OF STRUCTURE SHEETS

General Plan & Elevation 17" x 36" PPC Deck Beam 17" x 36" PPC Deck Beam Details

Superstructure Details Steel Railing, Type S-1

Abutments HP Pile Details

Borings



OAKWOOD ROAD DISTRICT STR. NO. 092-3513 LOADING HL-93

BUILT 201_ BY VERMILION COUNTY

SEC. 08-14136-00-BR

LOCATION SKETCH

Proposed Abut. Cap

Min. Bedding

NAME PLATE See Std. 515001

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SÜB	TOTAL
Channel Excavation	Cu. Yd.			165
Controlled Low-Strength Material	Cu. Yd.			44
Stone Riprap, Class A4 (Special)	Ton			. 150
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		23.3	23.3
Precast Prestressed Concrete Deck Beams (17'' Depth)	Sq. Ft.	1,242		1,242
Reinforcement Bars	Pound		2,400	2,400
Steel Railing, Type S1	Foot	96		96
Furnishing Steel Piles HP10x42	Foot		420	420
Driving Piles	Foot		420	420
Test Pile Steel HP10x42	Each		2	2
Pile Shoes	Each		8	8
Name Plates	Each		1	1
Concrete Cut-Off Wall	Cu. Yd.		6.4	6.4

Expires 11-30-2012

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ire current	MICHAEL G. BERRY 081-4622 SPRINGFIELD, IL.	SHE , 52

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FILE NAME	= 100322-sht-bridge.dgn	USER NAME =	DESIGNED -	A.S.L.	REVISED -		GENERAL PLAN & ELEVATION	T.R.	SECTION	COUNTY	TOTAL SHEET
HAMP	TON, LENZINI AND RENWICK, INC.		CHECKED -	M.G.B.	REVISED -	STATE OF ILLINOIS	STRUCTURE NO. 092–3513	225	08-14136-00-BR	VERMILION	21 14
HER	3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLOT SCALE =	DRAWN -	D.T.M.	REVISED -	VERMILION COUNTY HIGHWAY DEPARTMENT	31NUCTURE NO. 092-3013	OAKWOO	D ROAD DISTRICT	CONTRAC	T NO. 91457
	ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT DATE = 3/2/2011	CHECKED -	M.G.B.	REVISED -		SHEET NO. 1 OF 8 SHEETS	ILLINOIS		FED. AID PROJECT	

Muhael St. Berry 3/02/11 ILLINOIS STRUCTURAL NO. 081-4622