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<u>GENERAL NOTES</u>

Fasteners shall be AASHTO A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas. Bolts 7_8 in. ϕ , holes $^{15}_{6}$ in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 794,940 lbs. (AASHTO M270 Gr. 50W) No field welding is permitted except as specified in the contract documents. Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{9}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments and pier 3. The steel girders and all structural steel within 10'-0" each way from bridge expansion joints shall be metallized in the shop according to the Special Provision for "Metallizing Structural Steel".

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all steel surfaces shall be reddish brown, Munsell No. 2.5YR 3/4.

All structural steel and exposed surfaces of bearings within a distance of 10 ft. each way from the deck joints shall be painted as specified in Section 506 of the Standard Specifications.

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Slipforming of the parapets is not allowed.

Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design. The existing structural steel coating contains lead. The contractor shall take

appropriate precautions to deal with the presence of lead in this project. All structural steel shall be AASHTO M270 Grade 50W except expansion joints which shall be AASHTO M270 Grade 50.

Granular Back Stone Dumped Filter Fabric Removal of Ex Slope Wall Rem Structure Exc Cofferdam Exc Cofferdam (Ty, Cofferdam (Ty Concrete Struc Concrete Super Bridge Deck G Concrete Encas Protective Coat Furnishing and Stud Shear Co. Reinforcement Bar Splicers Furnishing Meto Furnishing Meta Driving Piles Test Pile Metal Pile Shoes Name Plates Preformed Join Elastomeric Be Elastomeric Be Anchor Bolts, Anchor Bolts, Anchor Bolts, Anchor Bolts, Concrete Seale Pipe Underdrai Drainage Scup Braced Excava Protective Shie Seal Coat Conc Geocomposite Mechanical Spi



(See Std. 515001)

OFFSET SKETCH

Hutchison Engineering, Inc. Jacksonville, Peoris, & Shorewood, Illinois	USER NAME = jdøen	DESIGNED -	JOH	REVISED -		CENERAL DATA		SECTION	COUNTY	TOTAL	SHEET
	PLOT SCALE = NONE	CHECKED -	BAN	REVISED -	STATE OF ILLINOIS		698	(125VBR)BR	MARSHALL	148	27
	PLOT DATE = 7/25/2013	DRAWN -	TAC	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 062-0086		CONTRACT NO. 6858			
		CHECKED -	JOH/BAN	REVISED -		SHEET NO. 2 OF 62 SHEETS	ILLINOIS FED. AID PROJECT				
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UNIT	SUPER	SUB	TOTAL
CU YD		110	110
SQ YD			1,850
SQ YD			1,850
EACH			1
SQ YD			550
CU YD		588	588
CU YD		536	536
EACH		1	1
EACH		1	1
CU YD		803.5	803.5
CU YD	941.7		941.7
SQ YD	2,683		2,683
CU YD		12.0	12.0
SQ YD	3,462		3,462
L SUM	1		1
EACH	11,466		11,466
POUND	242,440	98,870	341,310
EACH		70	70
FOOT		3,944	3,944
FOOT		1,176	1,176
FOOT		5,120	5,120
EACH		8	8
EACH		134	134
EACH	1		1
FOOT	108		108
EACH	24	_	24
EACH	18		18
EACH		24	24
EACH		24	24
EACH		24	24
EACH		36	36
SQ FT		2,570	2,570
FOOT		154	154
EACH	7		7
CU YD		476	476
SQ YD	246		246
CU YD		109.9	109.9
SQ YD		55	55
EACH		848	848
	UNIT CU YD SQ YD SQ YD EACH SQ YD CU YD SQ YD CU YD SQ YD CU YD SQ YD L SUM EACH FOOT FOOT FOOT EACH SQ FT FOOT EACH SQ YD CU YD SQ YD	UNIT SUPER CU YD S0 YD EACH S0 YD EACH CU YD CU YD CU YD EACH CU YD EACH CU YD CU YD 941.7 SQ YD 3,462 L SUM 1 EACH SQ YD 3,462 L SUM 1 EACH SQ YD 3,462 L SUM 1 EACH FOOT FOOT FOOT EACH 1 FOOT 108 EACH 18 EACH EACH EACH EACH	UNIT SUPER SUB CU YD — 110 S0 YD — — EACH — — S0 YD — — EACH — 588 CU YD — 588 CU YD — 536 EACH — 1 CU YD — 536 EACH — 1 CU YD — 536 EACH — 1 CU YD — 803.5 CU YD 941.7 — S0 YD 2,683 — CU YD — 12.0 S0 YD 3,462 — L SUM 1 — EACH 11,466 — POUND 242,440 98,870 EACH — 3,944 FOOT — 3,944 FOOT — 1176 FOOT — 3,944

TOTAL BILL OF MATERIAL

Sta. 295+98.15 (II. 89) = Sta. 10+00.00 (BNSF RR)