

Bench Mark: R.R. spike in power pole on the south side of IL. 160, ±440' east of the center of structure 095-0006:

STATE OF ILLINOIS

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO.	1
F.A.P. 1832	58R-2	WASHINGTON		.97	27	18 SHEETS	
FED. ROAD DIST. NO. 7		R.LINOIS	FED. ALD PROJECT-				
Contract	#769	49					

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 3_4 in. ϕ , holes ${}^{15}_{16}$ in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 59280 lb.

No field welding is permitted except as specified in the contract documents. Reinforcement bars shall conform to the requirements of ASTM A 706

Gr 60 (IL Modified). See Special Provisions

Reinforcement bars designated (E) shall be epoxy coated.

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 interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Gray, Munsell No. 5B 7/1. See Special Provision for "Cleaning and Painting New Metal Structures".

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

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

Slip forming of the parapets is not allowed.

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be

UNIT	SUPER	SUB	TOTAL
Cu. Yd.		86	86
Sq. Yd.			525
Sq. Yd.			525
Each			1
Cu. Yd.		140	140
Cu. Yd.		28.8	28.8
Cu. Yd.	88.1		88.1
Sq. Yd.	213		213
Sq. Yd.	281		281
L. Sum	1		1
Each	1134		1134
Pound	18200	3760	21960
Each	267	18	285
Foot		245	245
Each		1	1
Foot		245	245
Each	1		1
Each		24	24
Sq. Yd.	~		51
Foot		138	138
Each	8		8
Sq. Ft.			364.3
Cu., Yd.		4.2	4.2
	Cu, Yd. Sq. Yd. Sq. Yd. Each Cu, Yd. Cu, Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. L. Sum Each Pound Each Foot Each Sq. Yd. Foot Each Sq. Ff.	Cu, Yd. Sq. Yd. Sq. Yd. Each Cu, Yd. Cu, Yd. Cu, Yd. Cu, Yd. Sq. Yd. Zash L. Sum 1 Each L. Sum 1 Each 133 Sq. Yd. 281 L. Sum 1 Each 134 Pound 200 Each Each Foot Each Sq. Yd. Foot Fach Sq. Yd. Foot Each Sq. Yd. Foot Each Sq. Yd. Foot Each Sq. Yd.	Cu, Yd. 86 Sq. Yd.

TOTAL BILL OF MATERIAL



GENERAL PLAN IL. RTE. 160 OVER PLUM CREEK F.A.S. RTE. 1832 - SEC. 5BR-2 WASHINGTON CO. STATION 1453+11.50 STRUCTURE NO. 095-0077