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.

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated conditon with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.

Reinforcement Bars designated (E) shall be epoxy coated.

No in-stream work will be allowed in this project

Slip forming of the parapets is not allowed.

Repair of the substructure shall be completed prior to placement of the new deck beams.

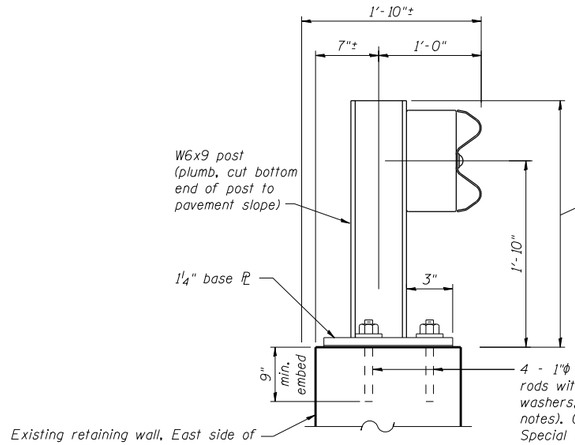
If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the existing or new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Removal of Existing Superstructures.

The cost of removing existing concrete wearing surface, parapet, expansion joint strip seal, bearing pads, and sidewalk are included in the cost of Removal of Existing Superstructures.

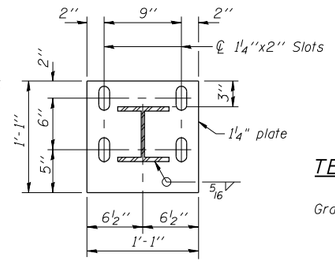
INDEX OF SHEETS

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	APPR. SLAB	TOTAL
Removal of Existing Superstructures	Each	1			1
Concrete Structures	Cu. Yd.			28.5	28.5
Concrete Superstructure	Cu. Yd.	16.6	0.5	138	155.1
Bridge Deck Grooving	Sq. Yd.	262		303	565
Protective Coat	Sq. Yd.	335		345	680
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. ft.	2355			2355
Reinforcement Bars, Epoxy Coated	Pound	6390	220	38290	44900
Parapet Railing	Foot			22	22
Name Plates	Each	1			1
Preformed Joint Strip Seal	Foot	47			47
Epoxy Crack Injection	Foot		147		147
Remove and Re-Erect Existing Bridge Rail	Foot	89			89
Concrete Wearing Surface, 5"	Sq. Yd.	262			262
Approach Slab Removal	Sq. Yd.			488	488
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	Sq. Ft.		39		39



SECTION AT POST



BASE PLATE DETAIL

DETAILS FOR TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)

TERMINAL NOTES:

Steel shapes and plates shall conform to the requirements of AASHTO M 270, Grade 36 except posts shall conform to AASHTO M 270, Grade 50.

Threaded rods, nuts and washers shall conform to AASHTO M 164.

All nuts and lock washers shall be galvanized according to AASHTO M 232.

All posts and anchor rods shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385.

Provide one $\frac{1}{8}$" and two $\frac{1}{16}$" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

The Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge shall be sealed with premeasured amounts of the adhesive chemical.

Nuts for 1"Φ threaded anchor rods connecting the base plate to the concrete shall be tightened to a snug fit and given an additional $\frac{1}{8}$ turn.

LONCO, INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

DESIGNED - SLV	REVISED -	
CHECKED - MJM	REVISED -	
DRAWN - SLV	REVISED -	
CHECKED - MJM	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA AND BILL OF MATERIAL
STRUCTURE NO. 016-0771
SHEET NO. S2 OF S14 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3597	0710 B	COOK	30	11
	D-91-292-09	CONTRACT NO. 60F95		
	ILLINOIS FED. AID PROJECT			