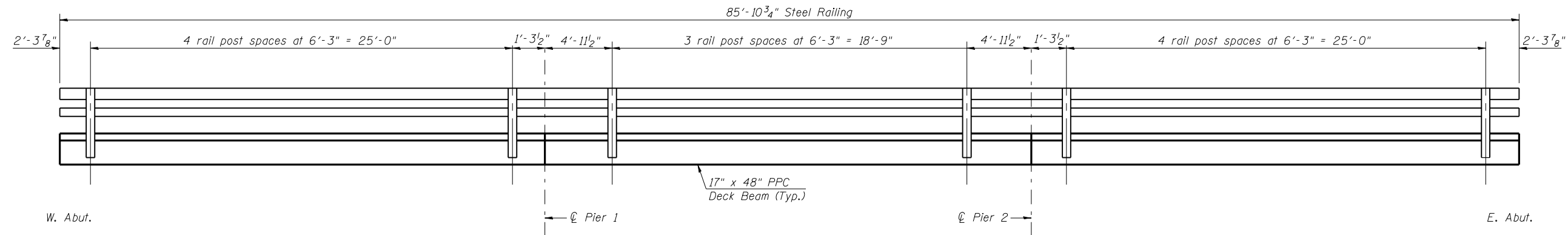


Contract #72A90



RAIL POST SPACING

(Dimensions measured along exterior face of outside beams.)
(South railing shown looking North)

GENERAL NOTES

If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the 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.

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.

Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.

The minimum thickness of Concrete Overlay is 5" and varies as required to adjust for the profile grade and beam camber.

Protective Coat shall be applied to the top and edges of the Concrete Wearing Surface.

The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition 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.

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

It is the responsibility of the Contractor to brace the soil behind the abutments to protect the roadway during Stage Construction. Cost of this work shall be considered incidental to Concrete Removal.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Dumped Riprap, Class A4 (Special)	Ton	-	338	338
Removal of Existing Superstructures	Each	1	-	1
Concrete Removal	Cu. Yd.	-	4.2	4.2
Concrete Structures	Cu. Yd.	-	5.4	5.4
Bridge Deck Grooving	Sq. Yd.	325	-	325
Protective Coat	Sq. Yd.	333	-	333
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	2914	-	2914
Reinforcement Bars, Epoxy Coated	Pound	4000	780	4780
Steel Railing, Type SM	Foot	172	-	172
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	34.5	-	34.5
Bar Splicers	Each	86	12	98
Concrete Wearing Surface, 5"	Sq. Yd.	325	-	325
Structural Repair of Concrete (Depth equal to or less than 5 in.)	Sq. Ft.	-	180.1	180.1
Asbestos Bearing Pad Removal	Each	12	-	12
Temporary Support System	Each	1	-	1

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7/2/2007

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: DLS
Date: 04/2007

Checked By: MTH
Files: 034-0061.dgn

Drawn By: AUF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL DATA
IL ROUTE 9 OVER
CAMP CREEK
F.A.P. ROUTE 685 - SECTION 115 BR-1
HANCOCK COUNTY
STA. 607+43.00
STRUCTURE NO. 034-0061