

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 15 SHEETS
F.A.P. 782	115BR-2	Hardin	83	48	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #78026

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions.
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.
Concrete Sealer shall be applied to abutment bearing seats (new concrete only).
Side retainers shall be AASHTO M270 Grade 36 minimum.
No in stream work will be allowed on this project.
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.
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 Precast Prestressed Concrete Deck Beams (21" Depth).
The minimum thickness of the concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.
Repair of the substructure shall be completed prior to placement of the new deck beams.
Reinforcement bars designated (E) shall be epoxy coated.

STA. 1015+72
REBUILT 200_ BY
STATE OF ILLINOIS
F.A.P. RT. 782 SEC. 115BR-2
LOADING HS 20
STR. NO. 035-0003

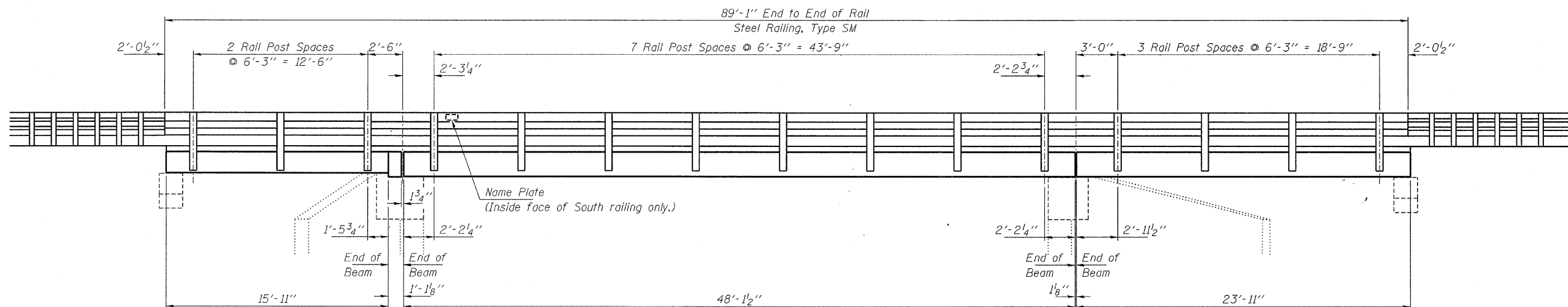
NAME PLATE

See Std. 515001

Note: Existing Name Plates shall be cleaned and relocated adjacent to the new plate. Cost included with Name Plate.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures	Each	1		1
Bridge Deck Grooving	Sq. Yd.	220.3		220.3
Protective Coat	Sq. Yd.	220.3		220.3
Precast Concrete Bridge Slab	Sq. Ft.	300		300
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	1,589		1,589
Reinforcement Bars, Epoxy Coated	Pound	2,680	550	3,230
Bar Splicers	Each			61
Steel Railing, Type SM	Foot	178.2		178.2
Steel Railing, (Temporary)	Foot	48.2		48.2
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	37		37
Epoxy Crack Injection	Foot		4	4
Asbestos Bearing Pad Removal	Each			22
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.		12	12
Concrete Wearing Surface, 5"	Sq. Yd.	220.3		220.3
Concrete Structures	Cu. Yd.		5.4	5.4
Removal of Existing Precast Concrete Units	Sq. Ft.	299		299
Concrete Removal	Cu. Yd.	2.4		2.4



RAILING ELEVATION

(Showing outside face of South Railing)
North Rail spacing similar but rotated 180°

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-98-0016-1 DATE: 01/18/08
DESIGNED: M.D.C. CHECKED: P.S.L. DRAWN: D.T.M.

GENERAL DETAILS

IL. ROUTE 1 OVER BRANCH OF ROCK CREEK
F.A.P. ROUTE 782 / SECTION 115BR-2
HARDIN COUNTY
STATION 1015+72
STRUCTURE NO. 035-0003