

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 885	SECTION 111BR-1	COUNTY Johnson	TOTAL SHEETS 94	SHEET NO. 61	SHEET NO. 2 16 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT			

Contract #78030

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 PFC 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 Removal of Existing Superstructure.
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. 513+00
REBUILT 20... BY
STATE OF ILLINOIS
F.A. RT. 885 SEC. 111BR-1
LOADING HL-93
STR. NO. 044-0022

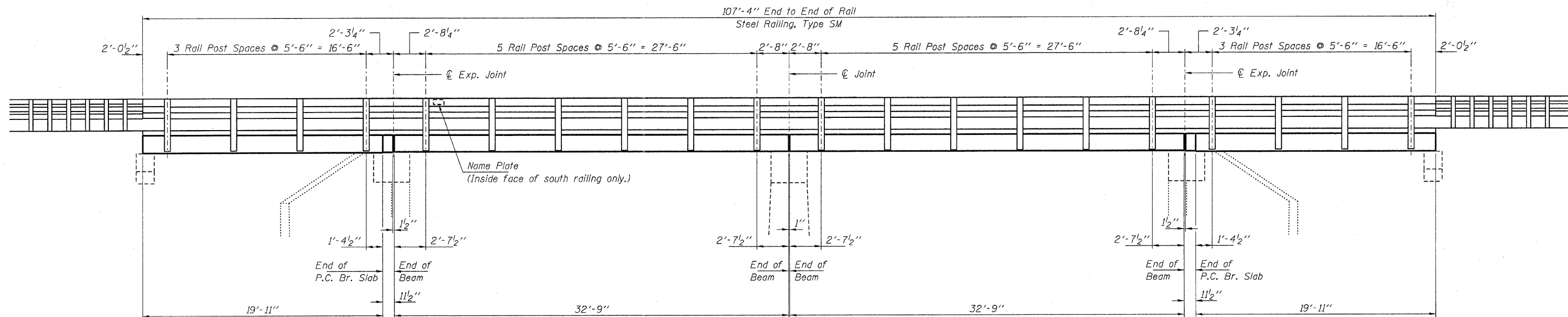
NAME PLATE

See Std. 515001

Note: The existing name plate shall be cleaned and relocated adjacent to the new plate. Cost included with Name Plates.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 2	Each	1		1
Removal of Existing Precast Concrete Units	Sq. Ft.	299		299
Bridge Deck Grooving	Sq. Yd.	274		274
Protective Coat	Sq. Yd.	298		298
Precast Concrete Bridge Slab	Sq. Ft.	299		299
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	2,162		2,162
Reinforcement Bars, Epoxy Coated	Pound	3,700	320	4,020
Bar Splicers	Each	66	4	70
Steel Railing, Type SM	Foot	215		215
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	66		66
Epoxy Crack Injection	Foot		19	19
Asbestos Bearing Pad Removal	Each	56		56
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.		11	11
Concrete Wearing Surface, 5"	Sq. Yd.	292		292
Concrete Structures	Cu. Yd.		4.0	4.0
Concrete Removal	Cu. Yd.		3.2	3.2



RAILING ELEVATION

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

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

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-52-0007-1 DATE: 04/02/08
DESIGNED: P.S.L. CHECKED: M.D.C. DRAWN: D.T.M.

GENERAL DETAILS
IL. ROUTE 146 OVER BELL POND
F.A.P. ROUTE 885 / SECTION 111BR-1
JOHNSON COUNTY
STATION 513+00
STRUCTURE NO. 044-0022