ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 782	115BR-1	Hardin	83	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 2
16 SHEETS

Contract #78026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirments 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).

All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300 Type 1 unless noted otherwise.

Side retainers shall be AASHTO M270 Grade 36 minimum.

No instream 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.

STATION 927+65
REBUILT 200_ BY
STATE OF ILLINOIS
FA RT 782 SEC 115BR-1
LOADING HS20
STR. NO. 035-0001

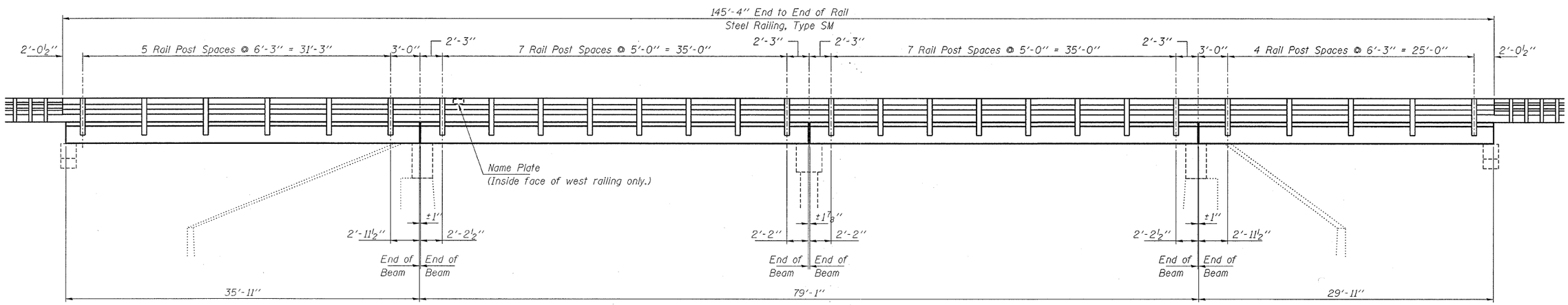
NAME PLATE

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	Each	1		1
Bridge Deck Grooving	Sq. Yd.	350		350
Protective Coat	Sq. Yd.	350		350
Precast Concrete Bridge Slab	Sq. Ft.	495		495
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	2,599		2,599
Reinforcement Bars, Epoxy Coated	Pound	4,400	480	4,880
Bar Splicers	Each	84	8	92
Steel Railing, Type SM	Foot	291		291
Steel Railing (Temporary)	Foot	83		83
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	35		35
Epoxy Crack Injection	Foot		27	27
Asbestos Bearing Pad Removal	Each			44
Removal of Existing Precast Concrete Units	Sq. Ft.	495		495
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.		5	5
Concrete Wearing Surface, 5"	Sq. Yd.	350		350
Concrete Structures	Cu. Yd.		5.0	5.0



RAILING ELEVATION

(Showing outside face of West Railing)
(East 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: S.M.S.	DRAWN: D.T.M.

GENERAL DETAILS

IL. ROUTE 1 OVER HARRIS CREEK
F.A.P. ROUTE 782 / SECTION 115BR-1
HARDIN COUNTY
STATION 927+65
STRUCTURE NO. 035-0001