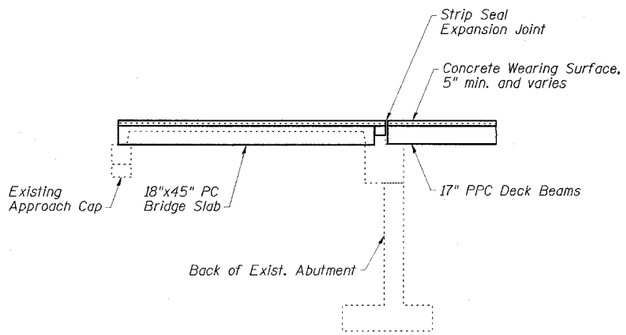
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 776	115BR-1	HAMILTON	73	19
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT-		

78027

SHEET NO. 2
17 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



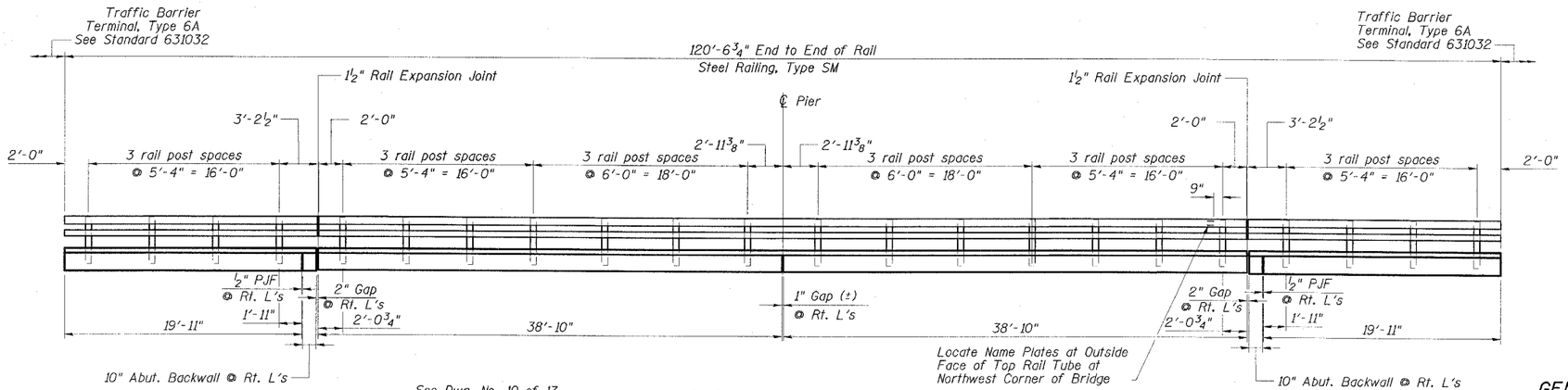
SECTION THRU ABUTMENTS @ OUTSIDE BEAM

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified). See Special Provisions.
2. 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.
3. Concrete Sealer shall be applied to abutment bearing seats and backwalls where Structural Repair of Concrete is performed and also to the front faces of new concrete backwalls.
4. All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300 Type 1 unless noted otherwise.
5. Side Retainers shall be AASHTO M270 Grade 36 minimum.
6. No in-stream work will be allowed on this project.
7. 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.
8. If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the new or existing 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 (17" Depth).
9. The minimum thickness of the concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber. Modify to meet field conditions as directed by the Engineer.
10. Repair of the substructure and removal of the existing expansion joints shall be completed prior to placement of the new deck beams.
11. The existing expansion bearing pads contain ASBESTOS. See Special Provisions for Asbestos Bearing Pad Removal.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 1	Each	1	-	1
Bridge Deck Grooving	Sq. Yd.	330	-	330
Protective Coat	Sq. Yd.	357	-	357
Precast Concrete Bridge Slab	Sq. Ft.	300	-	300
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	2563	-	2563
Reinforcement Bars, Epoxy Coated	Pound	4460	340	4800
Bar Splicers	Each	84	4	88
Steel Railing, Type SM	Foot	241	-	241
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	94	-	94
Concrete Sealer	Sq. Ft.	-	103	103
Epoxy Crack Injection	Foot	-	63	63
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	-	54	54
Asbestos Bearing Pad Removal	Each	-	44	44
Concrete Wearing Surface, 5"	Sq. Yd.	357	-	357
Concrete Structures	Cu. Yd.	-	1.8	1.8
Concrete Removal	Cu. Yd.	-	1.8	1.8
Removal of Existing Precast Concrete Units	Sq. Ft.	300	-	300



Abut.

See Dwg. No. 10 of 17 for Railing Details.

RAILING ELEVATION

(Showing Inside Face of East Railing; West Railing Similar)

Abut.

ESCA CONSULTANTS, INC.		
DESIGNED BY:	DAJ	09/07
DRAWN BY:	HAS	09/07
CHECKED BY:	JMS/ELH	02/08
APPROVED BY:	RDP	02/08

GENERAL DATA
IL 142 OVER BEAR CREEK
FAP ROUTE 776 - SECTION 115BR-1
HAMILTON COUNTY
STATION 85+05.00
STRUCTURE NO. 033-0016