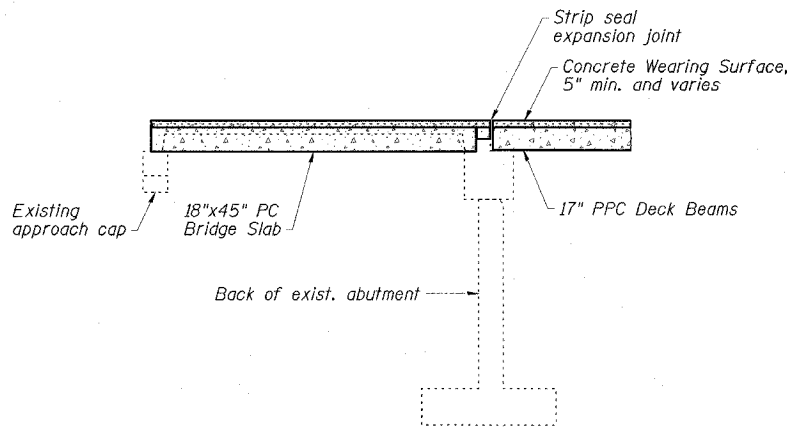
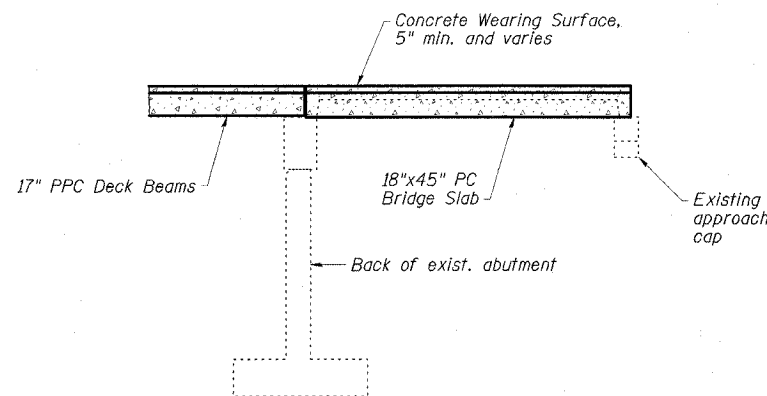


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAP 873	107BR-1	FRANKLIN	73	13
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
78034				



SECTION THRU WEST ABUTMENT  
@ OUTSIDE BEAM



SECTION THRU EAST ABUTMENT  
@ OUTSIDE BEAM

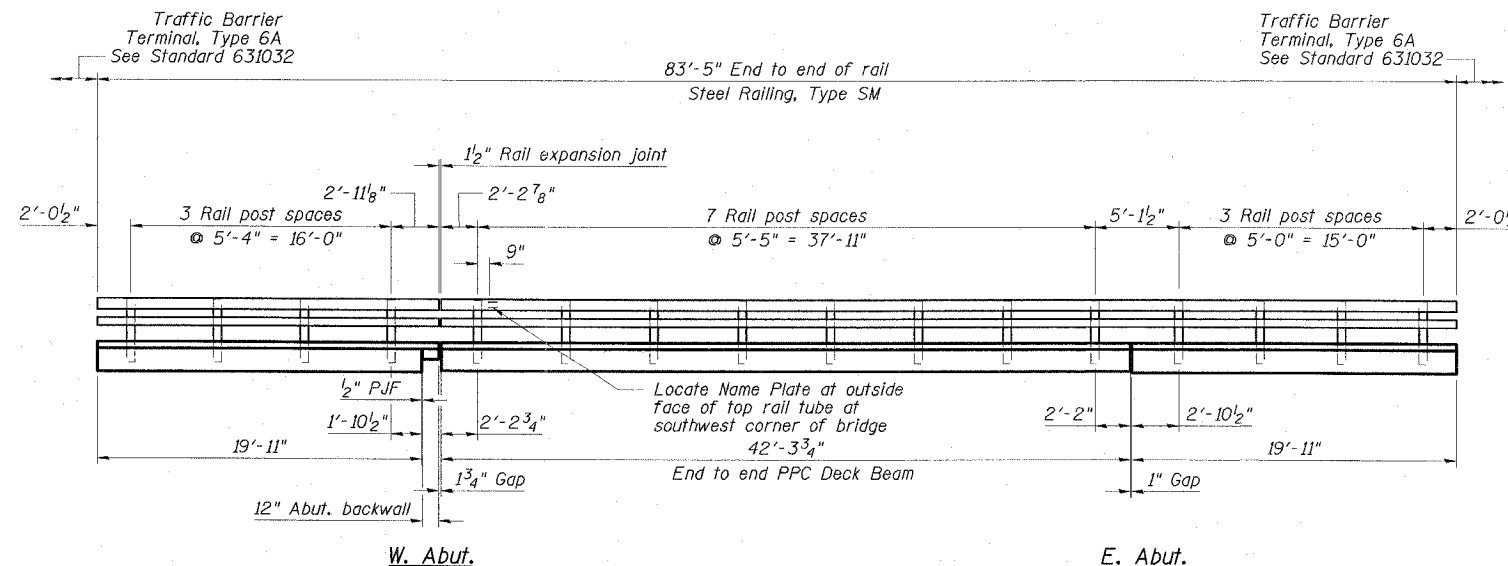
GENERAL NOTES

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 backwall where Structural Repair of Concrete is performed and also to the front face of new concrete backwall.
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 joint shall be completed prior to placement of the new deck beams. The cost of removing the existing expansion joint is included in Concrete Removal.
11. The existing expansion bearing pads contain asbestos. See Special Provisions for Asbestos Bearing Pad Removal.
12. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 1	Each	1	-	1
Bridge Deck Grooving	Sq. Yd.	199	-	199
Protective Coat	Sq. Yd.	217	-	217
Precast Concrete Bridge Slab	Sq. Ft.	299	-	299
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	1397	-	1397
Reinforcement Bars, Epoxy Coated	Pound	2780	100	2880
Bar Splicers	Each	48	2	50
Steel Railing, Type SM	Foot	167	-	167
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	33	-	33
Concrete Sealer	Sq. Ft.	-	57	57
Epoxy Crack Injection	Foot	-	70	70
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	-	35	35
Asbestos Bearing Pad Removal	Each	-	30	30
Concrete Wearing Surface, 5"	Sq. Yd.	217	-	217
Concrete Structures	Cu. Yd.	-	1.0	1.0
Concrete Removal	Cu. Yd.	-	1.0	1.0
Removal of Existing Precast Concrete Units	Sq. Ft.	299	-	299



RAILING ELEVATION

(Showing Inside Face of North Railing;  
South Railing Similar)

See Sht. No. 10 of 16  
for railing details.

GENERAL DATA  
IL 149 OVER TILLEY CREEK  
FAP ROUTE 873 - SECTION 107BR-1  
FRANKLIN COUNTY  
STATION 1060+46.00  
STRUCTURE NO. 028-0040

**ESCA**  
CONSULTANTS, INC.  
DESIGNED BY: ELH 02/08  
DRAWN BY: HAS 02/08  
CHECKED BY: JMS 04/08  
APPROVED BY: RDP 04/08