

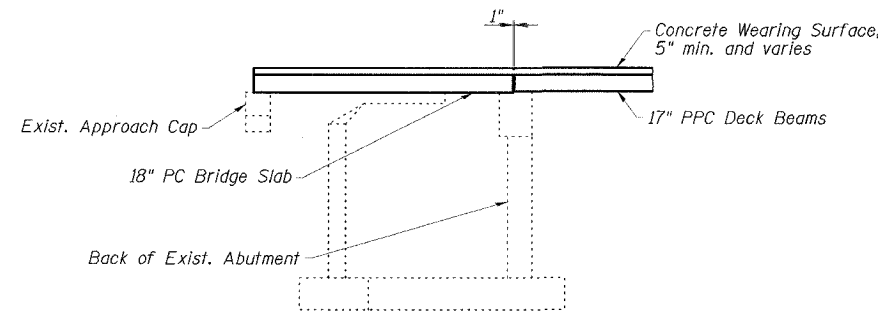
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET	SHEET NO. 2 13 SHEETS
FAP 132	IBR-1	SALINE	114	24	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

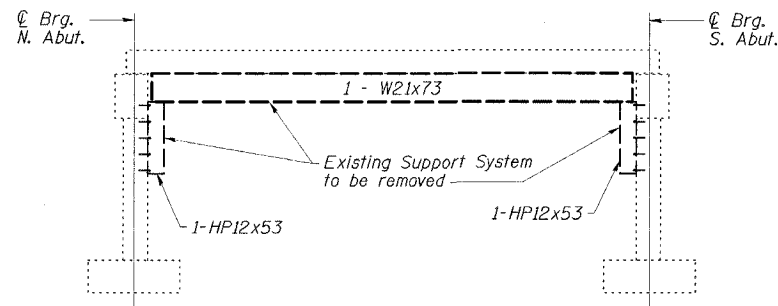
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**GENERAL NOTES**

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 where Structural Repair of Concrete is performed.
4. All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300 Type 1 unless noted otherwise.
5. No in-stream work will be allowed on this project.
6. 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.
7. 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 Removal of Existing Superstructures No. 1.
8. The minimum thickness of the concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.
9. Repair of the substructure shall be completed prior to placement of the new deck beams.
10. Stage Construction of Precast Prestressed Concrete Deck Beams shall be according to Article 504.06(d) of the Standard Specifications.



**SECTION THRU ABUTMENTS  
@ OUTSIDE BEAM**

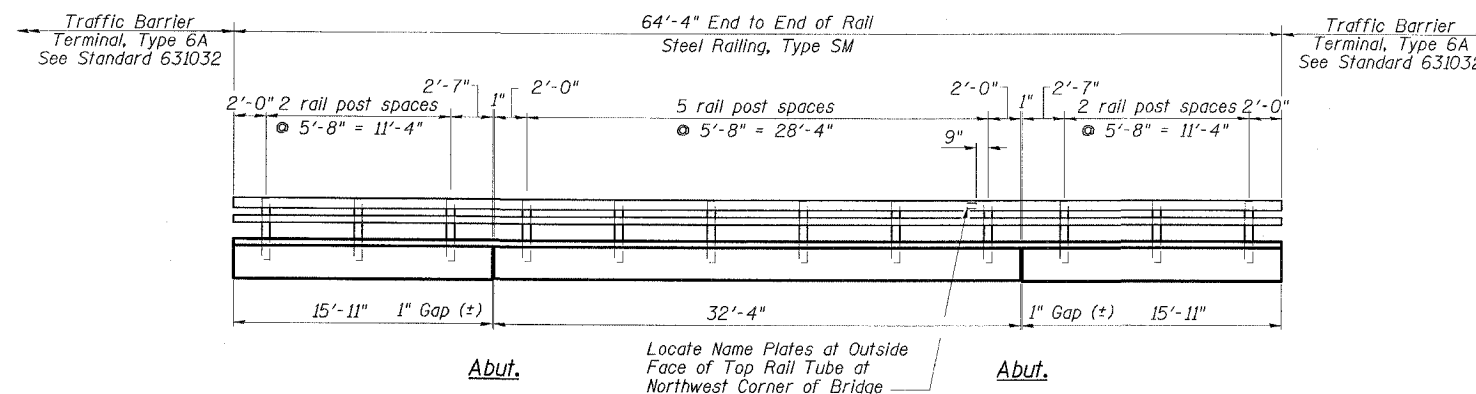


**SECTION NEAR  
EXISTING SUPPORT SYSTEM**

Note: An Existing Support System is in place under one of the interior PPC Deck Beams. Contractor shall remove all components of the system after removal of the existing PPC Deck Beam supported by the system and prior to placing the Stage I PPC Deck Beams. All anchorages shall be cut, ground flush with the surface of the concrete, and sealed with epoxy. This work shall be included in the cost of Removal of Existing Superstructures No. 1.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 1	Each	1	-	1
Bridge Deck Grooving	Sq. Yd.	169	-	169
Protective Coat	Sq. Yd.	169	-	169
Precast Concrete Bridge Slab	Sq. Ft.	239	-	239
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	1067	-	1067
Reinforcement Bars, Epoxy Coated	Pound	2300	-	2300
Bar Splicers	Each	37	-	37
Steel Railing, Type SM	Foot	129	-	129
Name Plates	Each	1	-	1
Concrete Sealer	Sq. Ft.	-	30	30
Epoxy Crack Injection	Foot	-	44	44
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	-	30	30
Concrete Wearing Surface, 5"	Sq. Yd.	169	-	169
Removal of Existing Precast Concrete Units	Sq. Ft.	239	-	239



**STEEL RAILING, TYPE SM ELEVATION**  
(Showing Inside Face of East Railing; West Railing Similar)

See Dwg. No. 9 of 13  
For Railing Details.

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	JMS	05/07
DRAWN BY:	HAS	05/07
CHECKED BY:	MTD	06/07
APPROVED BY:	RDP	06/07

**GENERAL DATA**  
IL 34/145 OVER BRIER CREEK  
FAP ROUTE 132 - SECTION IBR-1  
SALINE COUNTY  
STATION 102+28.00  
STRUCTURE NO. 083-0018