

GENERAL NOTES

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.

Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60 (IL Modified). See Special Provisions.

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.

After the removal of the existing beams for stage I removal, the Contractor shall re-connect or re-engage the transverse ties in the existing beams for stage I traffic.

Burn or cut the existing dowel rods flush with existing bearing seat. Grind the existing dowel rods smooth and seal with epoxy. The cost of this work shall be included with "Removal of Existing Superstructures"

Attach new Name Plate to the inside face of steel rail as shown. Existing name plate is to be removed, cleaned and relocated adjacent to new name plate. Cost included in the cost of Name Plates.

Reinforcement Bars designated (E) shall be epoxy coated.

No in-stream work will be allowed on this project.

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.

PRESTRESSED UNITS

 $f's = 270,000 \ psi (1/2" \ \phi \ low \ lax, \ strands)$ $f'si = 201.900 \text{ psi } (1/2" \phi \text{ low lax. strands})$

LOADING HL-93

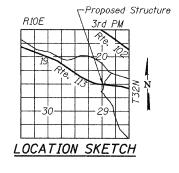
No future wearing surface allowed

DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specfications (4th Edition, 2007)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY	
Removal of Existing Superstructures	Each	1	
Concrete Removal	Cu. Yd.	4.0	
Concrete Structures	Cu.Yd.	5.0	
Concrete Superstructure	Cu.Yd.	5	
Bridge Deck Grooving	Sq.Yd.	139	
Protective Coat	Sq.Yd.	155	
Concrete Wearing Surface	Sq.Yd.	155	
Precast Prestressed Concrete		1 707	
Deck Beams (21" Depth)	Sq.Ft.	1,397	
Reinforcement Bars, Epoxy Coated	Pound	3,090	
Bar Splicers	Each	55	
Steel Railing, Type SM	Foot	92	
Name Plates	Each	1	
Preformed Joint Strip Seal	Foot	33	
Structural Repair of Concrete	Ca Et	50	
(Depth Equal to or Less than 5 inches)	Sq.Ft.		
Asbestos Bearing Pad Removal	Each	24	
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GENERAL PLAN AND ELEVATION FAS 1317 (IL RTE 113)

OVER TERRY CREEK STA. 784+13.00 S.N. 099-0172

SHEET	NO. S-1	F.A.I RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
		1317	111 B-2			WILL	32	16
S-13	SHEETS				CONTRACT	NO. 6	OD86	
		FED. ROAD	DIST. NO.	ILLINOIS	D PROJECT			