

**GENERAL NOTES**

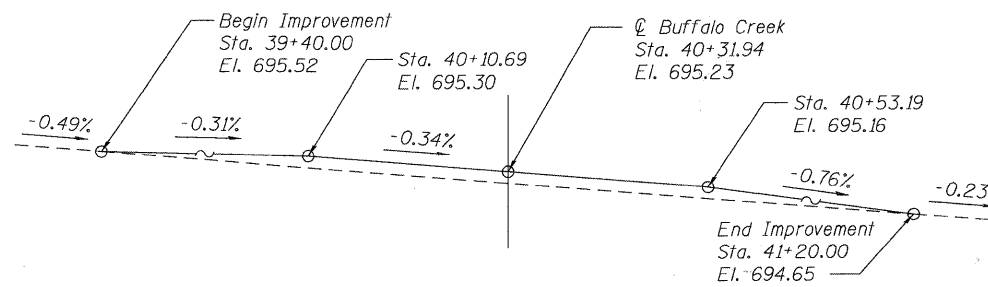
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify 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 at the unit price bid for the work.
4. Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.
5. The Contractor shall submit Structural Assessment Report(s) as required for Contractor's means and methods of construction. See Special Provisions.
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, particularly Beams 11 and 12. 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. Repair of the abutments shall be completed prior to placement of the new deck beams.
9. If the Contractor's procedure for existing beam removal or placement of the new beams involves placement of cranes or other heavy equipment on the new beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the newbeams. To distribute load to multiple beams and protect the concrete, in all cases a double layer mat of heavy timber shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. Prior to placement of the timber mats, the following shall be done: placement and tightenin of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys.
10. The Contractor is advised that the existing abutments were not designed to support the horizontal earth load acting upon it without the support of the existing beams acting as a strut. It is the Contractors responsibility to account for this condition when developing construction procedures for removal and replacement of the superstrucutre.
11. The Temporary Support System shall be in place prior to superstructure removal.

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**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Approach Slab Removal	Sq. Yd.	130	--	130
Bicycle Railing	Foot	59	--	59
Concrete Removal	Cu. Yd.	7.6	2.1	9.7
Concrete Structures	Cu. Yd.	--	19.5	19.5
Concrete Superstructure	Cu. Yd.	102.1	--	102.1
Epoxy Crack Injection	Foot	--	50	50
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	--	42	42
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	1853	--	1853
Parapet Railing	Foot	102	--	102
Protective Coat	Sq. Yd.	99	--	99
Reinforcement Bars, Epoxy Coated	Pound	23310	3830	27140
Removal of Existing Superstructures	Each.	1	--	1
Temporary Support System	L Sum	--	1	1
Waterproofing Membrane System	Sq. Ft.	1853	--	1853



**PROFILE GRADE**

