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Contract No. 68480

NOUTE NO. SECTION		COLATY		TOTAL DIEETS	-	SHEET		NO.
F.A.P. 317	P. (48B)I PEORIA		MA	29	13	16	SH	EETE
FEO, ROAD DIST. NO. 7		ILLIMOTE	#10. ATO #]				

D-94-062-05

1.) 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.

3.) Expansion guards which are not cast in the precast unit shall be fabricated and erected according to Article 503.10(c) of the Standard specifications and are included in Preformed Joint Strip Seal. 4.) Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations, it shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope or work, however, the Contractor will be paid for the quantity actually

5.) Protective coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.

7.) Existing name plate shall be cleaned and relocated adjacent to new name plate. Cost incidental to

10.) After beams have been erected, holes shall be drilled into substructure and anchor dowels placed, Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a min. of 24 hrs.

11.) The cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements ASTM A 780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to the manufacturer's specifications prior to another coat of zinc. A concrete sealer meeting the requirements of Section 587 of the Standard Specifications shall be applied to the exterior face and 9" in on the underside of the fascia beams. The sealer shall be applied after visible crack growth has subsided. This work shall be performed by the producer and included with the cost of the beam. 12.) If the Contractor's procedure for existing beam removal or placement of new beams involves placement of cranes or other heavy equipment on 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 new beams. To distribute load to multiple beams and protect the concrete, in all cases a double layer mat of heavy timbers 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 tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys. A temporary means of lateral restraint will be required for fascia beams

14.) Contractor shall provide the necessary support for the existing Telephone Duct Bank suspended from the existing median throughout the project. It shall be the Contractor's responsibility to call out additional inserts

16.) The existing steel wide flange beams (2) used as temporary carrier beams under span 1 shall remain the property of the state. In addition, the steel "shear key clamping" plate and existing transverse ties shall remain the property of the state. All said materials shall be delivered by the contractor to the IDOT building maintenance vard located on Camp Street in East Peoria, Illinois, Phone #309-699-3822, Costs are included with removal of existing super

TOTAL BILL OF MATERIAL

ON	UNITS	TOTAL
PHALT SURFACE COURSE, MIX "D", N70	TON	88
EXISTING SUPERSTRUCTURES	EACH	1
SUPERSTRUCTURE	CU YD	134
COAT	SQ YD	375
RESTRESSED CONCRETE 5 (21" DEPTH)	SQ FT	5530
RESTRESSED CONCRETE S (27" DEPTH)	SQ FT	6332
IENT BARS, EPOXY COATED	POUND	9927
ND RE-ERECTING EXISTING RAILING	FOOT .	220
ES 1	EACH	1
JOINT STRIP SEAL	FOOT	224
FING MEMBRANE SYSTEM	SQ YD	1040
D LEVELING BINDER		
ETHOD), IL-4.75, N50	TON	51
BEARING PAD REMOVAL	EACH]44
FOR TYPE L ALUMINUM RAILING	EACH	22
COULDED		

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5-10-07

DATE

GENERAL PLAN AND ELEVATION F.A.P. 317 (U.S. RTE. 24) STRUCTURE 072-0134 PEORIA COUNTY. ILLINOIS STATION 187+10.02

FVD # 5589.80