STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 885	111BR-2	POPE	69	50
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 2
11 SHEETS

Contract #78033

SCOPE OF WORK

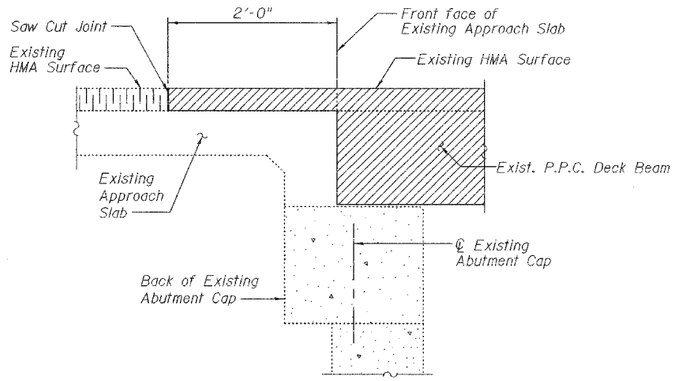
1. Remove existing surface, steel railing, deck beams, approach shoulder channel beams, and bearing pads.
2. Repair bearing seats and perform other repairs at abutments as required.
3. Reconstruct a single span P.P.C. deck beam superstructure with bituminous wearing surface and steel railing, Type SM. Reconstruct approach shoulders with P.C. bridge slabs with bituminous wearing surface and steel railing, Type SM.

GENERAL NOTES

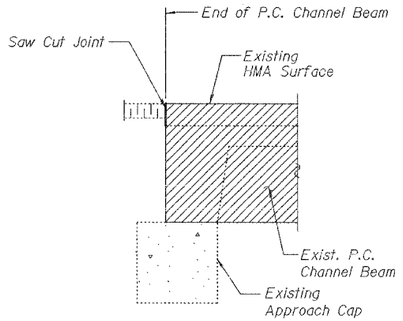
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify 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.
4. Protective Coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.
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 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).
8. The minimum thickness of the HMA surface course shall be 1½" and varies as required to adjust for the existing profile grade and beam camber.
9. Repair of the substructure shall be completed prior to placement of the new deck beams.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Hot-Mix Asphalt Surface Course, Mix "C", N90	Ton	18	-	18
Removal of Existing Superstructures	Each	1	-	1
Precast Concrete Bridge Slab	Sq. Ft.	299	-	299
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	1,422	-	1,422
Steel Railing, Type SM	Foot	167	-	167
Name Plates	Each	1	-	1
Waterproofing Membrane System	Sq. Yd.	173	-	173
Epoxy Crack Injection	Foot	-	6	6
Removal of Existing Precast Concrete Units	Sq. Ft.	299	-	299



SECTION AT CENTERLINE ROADWAY



SECTION AT APPROACH SHOULDER

LIMITS OF EXISTING STRUCTURE FOR SUPERSTRUCTURE REMOVAL

Notes:
HMA removal over approach slab included in the cost of Removal of Existing Superstructures.
HMA removal over approach shoulder channel beam and removal of P.C. channel beams included in the cost of the Removal of Existing Precast Concrete Units.

MODJESKI and MASTERS
Consulting Engineers
SINCE 1893

DESIGNED	YSS
CHECKED	RLM
DRAWN	PRC
CHECKED	RLM

03/17/08

GENERAL STRUCTURE DATA
ILL. ROUTE 146 OVER ROOT LICK BRANCH
F.A.P. ROUTE 885 - SECTION 111BR-2
POPE COUNTY
STATION 818+03.50
STRUCTURE NO. 076-0008