

ROUTE NO.	SEC	COUNTY HENRY		TOTAL SHEETS	SHEET NO.	SHEET NO. 1		
FAS 1247	*			80	31	of 16 SHEETS		
FED. ROAD C	DIST. NO. 7	ILLIN015	PROJECT					
	* (6	BR)D			CON	TRACT NO. 64D10		

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

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.

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 new profile grade and beam camber.

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.

Repair of the substructure shall be completed prior to placement of the new deck beams.

If the Contractor's procedure 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.

Reinforcement bars designated (E) shall be epoxy coated. Protective Coat shall be applied to the top and edges of the concrete wearing surface.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Removal of Existing Superstructures	Each	1	-	1
Precast Prestressed Concrete Deck Beams (17" Depth)	Sq. Ft.	2,975	-	2,975
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	2,529	-	2,529
Protective Coat	Sq. Yd.	625	-	625
Reinforcement Bars, Epoxy Coated	Pound	7,750	1,290	9,040
Steel Railing, Type SM	Foot	269	-	269
Concrete Wearing Surface, 5"	Sq. Yd.	613		613
Bridge Deck Grooving	Sq. Yd.	583	-	583
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	-	557	557
Structural Repair of Concrete (Depth greater than 5")	Sq. Ft.	**	2	2
Name Plates	Each	1	-	1
Bar Splicers	Each	132	12	144
Asbestos Bearing Pad Removal	Each	14	-	14
Concrete Structures	Cu. Yd.	-	5.2	5.2
Concrete Removal	Cu. Yd.	-	4.0	4.0
Preformed Joint Strip Seal	Foot	42	-	42

APPROVED FOR STRUCTURAL ADEQUACY ONLY 081-00366 LICENSED STRUCTURA ENGINEER Ralph E. aderson ENGINEER OF BRIDGES AND STRUCTURES Jameson 4 9/15/07 Expires 11/30/08 3rd PM RANGE 5 E GENERAL PLAN F.A.S. 1247 (U.S. ROUTE 6) OVER MUD CREEK SECTION (6BR)D HENRY COUNTY <u>STATION 666+69.05</u> 0 STR. NO. 037-0131 HUTCHISON ENGINEERING, INC. LOCATION SKETCH JACKSONVILLE, ILLINOIS Date