

	ROUTE NO.	SHC "10N	CDUNT~		TOTAL SHEETS	SHAET NC.	SHE
	FAP (23-BR 322 -2)BR		FAYETTE		19	9	11
FED. R040 0187, NO. 7		ILL INDIS	FED. ATD PROJECT-				

ЕТ ΝΟ. 1 SHEETS

Contract # 94968

## GENERAL NOTES

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 of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. The minimum thickness of the Concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.

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

Reinforcement bars designated (E) shall be epoxy coated.

Existing name plate shall be cleaned and relocated adjacent to the new name plate. Cost included with Name Plates.

Concrete sealer shall be applied to the exterior vertical face of each fascia beam. Cost included with Precast Prestressed Concrete Deck Beams (21" Depth). All construction joints shall be bonded. No-work shall be allowed in the stream:

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 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 limes 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. If cranes or other heavy equipment will be placed on the new beams prior to placement of the concrete wearing surface, it shall be done after the dowel rods are grouted and cured for 24 hours minimum and prior to arouting the shear keys. A temporary means of lateral restraint will be required for fascia beams at expansion ends of beams to prevent movement of the beams.

ITEM	UNIT	SUPER	SUB	TOTAL
al of Existing Superstructures	L. Sum	1		1
ete Removal	Cu. Yd.		6.6	6.6
ete Structures	Cu. Yd.		10.3	10.3
Deck Grooving	Sq. Yd.	620		620
otive Coat	Sq. Yd.	650		650
ete Wearing Surface, 5"	Sq. Yd.	650		650
st Prestressed Concrete Beams (21" Depth)	Sq. Ft.	5827		5827
preement Bars, Epoxy Coaled	Pound	8430	1350	9780
Railing, Type SM	Foot	270		270
Plates	Each	1		1
rmed Joint Strip Seal	Foot	153		153
Riprap Class A5	Sq. Yd.			384
Fabric	Sq. Yd.			384
ural Repair of Concrete as Equal to or Less than 5 Inches) -	Sq. Ft.		29	29
plicers	Each	136	116	252
tos Bearing Pad Removal	Each	78		78

## TOTAL BILL OF MATERIAL

PLAN AND ELEVATION US 51 / HICKORY CREEK F.A.P. ROUTE 322 SEC. (23-BR-2)BR FAYETTE COUNTY STA. 196+77.00 Kinna SN 026-0037 8/23/2007 EXP 11/30/08