

RONTE NO.	SECTION	CDUNTY SALINE		TOTAL	SHEET NO.	SHEET NO. 2	
FAP 869	*			71	31	17 SHEETS	
FED. ROAD 21ST. NO.		LLL INDES	FED. AID PROJECT-			-	
CONTRACT NO 98999 *(1054)8-1							

## TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
mbankment (Special)	Cu. Yd.		58	58
55 A5	Sq. Yd.		2500	2500
	Sq. Yd.		2500	2500
ng Structures	Each			1
ion	Cu. Yd.		275	275
	Each	6		6
35	Cu. Yd.		192	192
ucture	Cu. Yd.	220		220
ring	Sq. Yd.	310		310
ent	Cu. Yd.		14	14
	Sq. Yd.	495		495
s, Epoxy Coated	Pound	46,070	19,380	65,450
	Each	140	88	228
lles HP10x42	Foot		882	882
·······	Foot		882	882
P10x42	Each		4	4
Piling	Sq. Ft.		625	625
	Each	1		1
Drain	Sq. Yd.		62	62
for Structures 4"	Foot		192	192
in Structure, 2" Dia., Galvanized Steel	Foot	78		78
ure Excavation Protection-Location 1	Each		1	1
ure Excavation Protection-Location 2	Each		1	1
Pad Removal	Each		22	22

The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.

2. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60

3. Reinforcement bars designated (E) shall be epoxy coated.

4. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

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

7. If the Contractor's procedures for existing beam removal involves placement of heavy equipment on the 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 deck beams for the proposed loads. Cost included with Removal of Existing Structures.

8. Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before Stage I removal of the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

GENERAL DATA <u>IL 34 OVER</u> WEST HARRISBURG DRAINAGE DITCH FAP ROUTE 869 - SECTION (105A)B-1 SALINE COUNTY STATION 1649+21.50 STRUCTURE NO. 083-0066