

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 338	34BR	IROQUOIS	49	25
STA.	TO STA.			
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		

DWG. NO. 2 OF 13
 CONTRACT NO. 66610

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
2. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
3. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
4. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations specified or approved by the Engineer before ordering the remainder of the piles.
5. Excavation behind existing abutment walls shall be done before removing the existing superstructure. The Contractor shall sawcut the existing abutments at the stage removal line before Stage I removal.
6. All construction joints shall be bonded.
7. The Contractor shall limit the pile hammer size selected considering the relatively high soil strengths indicated in the borings and avoid overdriving the piles beyond their required bearing to prevent pile damage during driving.
8. Slipforming of parapets is not allowed.

STATION 2146+00
 BUILT 200 BY
 STATE OF ILLINOIS
 FAS ROUTE 338-SECTION 34BR
 LOADING HS20-44
 STR. NO. 038-0214

NAME PLATE
 See Std. 515001

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TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		54	54
Stone Riprap, Class A4	Sq. Yd.		500	500
Filter Fabric	Sq. Yd.		500	500
Removal of Existing Structures	Each	0.5	0.5	1
Structure Excavation	Cu. Yd.		177	177
Concrete Structures	Cu. Yd.		108.8	108.8
Concrete Superstructure	Cu. Yd.	182.4		182.4
Bridge Deck Grooving	Sq. Yd.		314	314
Protective Coat	Sq. Yd.		413	413
Reinforcement Bars, Epoxy Coated	Pound	44680	10300	54980
Furnishing Metal Shell Piles 14"x0.25"	Foot		1090	1090
Driving Piles	Foot		1090	1090
Test Pile Metal Shells	Each		4	4
Name Plates	Each	1		1
Underwater Structure Excavation Protection - Location 1	Each		1	1
Underwater Structure Excavation Protection - Location 2	Each		1	1
Bar Splicers	Each	186	88	274
Floor Drains	Each		8	8
Temporary Soil Retention System	Sq. Ft.		136	136
Pipe Underdrains for Structures 4"	Foot		126	126
Geocomposite Wall Drain	Sq. Yd.		36	36

ESCA
 CONSULTANTS, INC.

DESIGNED BY:	ELH	12/04
DRAWN BY:	HAG	12/04
CHECKED BY:	ELH	09/08
APPROVED BY:	RDP	09/08

GENERAL DATA
 US ROUTE 45 OVER
 SPRING CREEK
 FAS ROUTE 338 - SECTION 34BR
 IROQUOIS COUNTY
 STATION 2146+00
 STRUCTURE NO. 038-0214