

FAY RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	114 BY-R-1	WILL	139	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**GENERAL NOTES:**

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60

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

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

The Steel H-piles shall be according to AASHTO M270 Grade 50.

The contractor shall drive one-HP12x63 test pile in a permanent location at both abutments as directed by the Engineer before ordering the remainder of piles. The test pile(s) shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

The Contractor shall sawcut the existing abutments at the stage removal line before Stage 1 removal.

All construction joints shall be bonded.

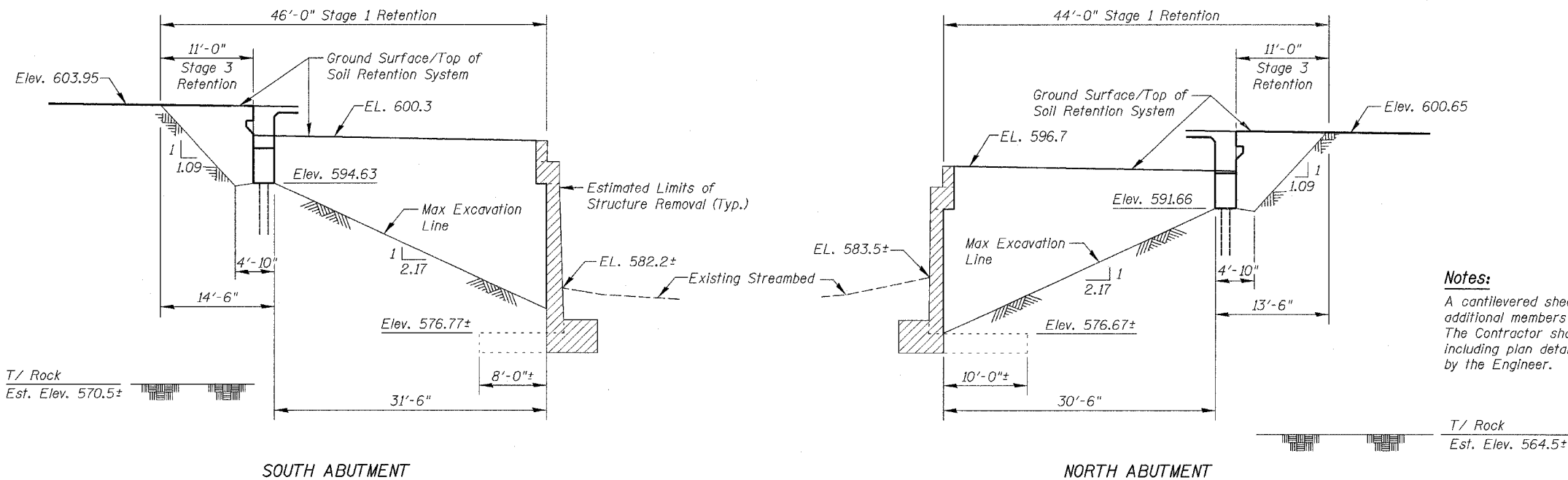
All exposed edges shall be chamfered 3/4" except as noted.

Reinforcement bars designated (E) shall be epoxy coated.

Slipforming of the Bridge Parapets is not allowed.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal Of Existing Structures	Each			1
Porous Granular Embankment (Special)	Cu. Yd.		410	410
Stone Riprap, Class A4	Sq. Yd.		2200	2200
Filter Fabric	Sq. Yd.		2200	2200
Structure Excavation	Cu. Yd.		820	820
Concrete Structures	Cu. Yd.		377	377
Concrete Superstructure	Cu. Yd.	922		922
Bridge Deck Grooving	Sq. Yd.	1295		1295
Protective Coat	Sq. Yd.	2486		2486
Erecting Precast Prestressed Concrete I-Beams, 48 IN.	Foot	2880		2880
Reinforcement Bars, Epoxy Coated	Pound	159240	29000	188240
Aluminum Railing, Type L	Foot	590		590
Furnishing Steel Piles HP12x74	Foot		2430	2430
Driving Piles	Foot		770	770
Test Pile Steel HP12x74	Each		2	2
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		176	176
Pipe Underdrains for Structures 4"	Foot		260	260
Drainage Scuppers, DS-11	Each	10		10
Temporary Soil Retention System	Sq. Ft.		1070	1070
Bar Splicers	Each	938	92	1030
Underwater Structure Excavation Protection - Location 1	Each		1	1
Underwater Structure Excavation Protection - Location 2	Each		1	1
Setting Piles in Rock	Each		40	40
Conduit Embedded in Structure, 2" Dia., Galvanized Steel	Foot	600		600
Asbestos Bearing Pad Removal	Each		66	66



STATION 3209+85.00  
 BUILT 20 BY  
 STATE OF ILLINOIS  
 F.A.P. RT. 338 SEC. 114 BY-R-1  
 LOADING HS20  
 STR. NO. 099-0339

**NAME PLATE**  
 See Std. 515001

**Notes:**  
 A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**NOTES & TOTAL BILL OF MATERIAL**  
 ILLINOIS ROUTE 59 OVER DuPAGE RIVER  
 FAP ROUTE 338 SECTION 114 BY-R-1  
 WILL COUNTY  
 STATION 3209+85.00  
 STRUCTURE NUMBER 099-0339  
 SCALE: NONE      DESIGNED BY: SB      DRAWN BY: TL  
 DATE: 08/17/07      CHECKED BY: WPM      CHECKED BY: SB

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