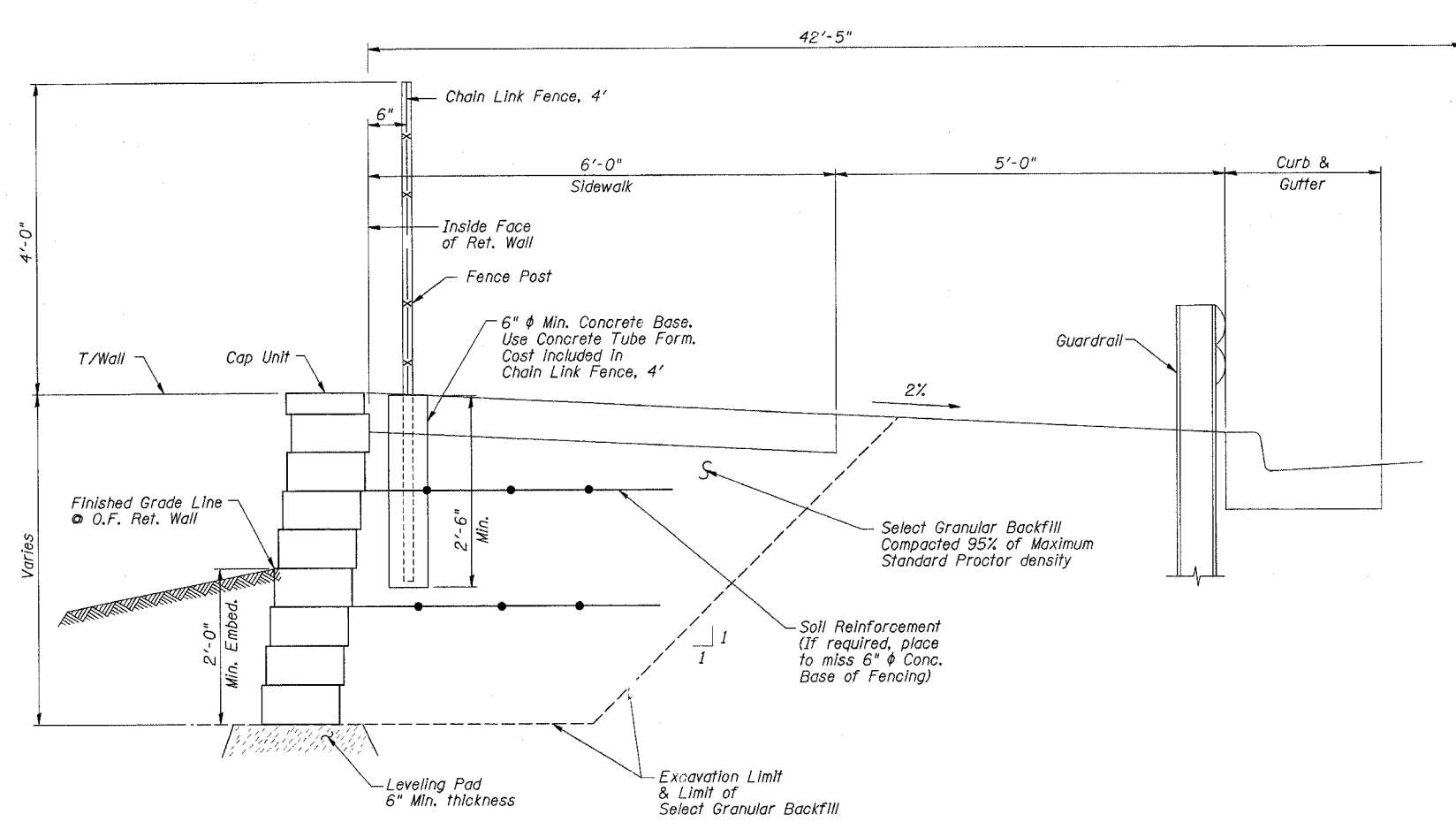


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2945	3152 WRS	COOK	195	80
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. 2 OF 2 SHEETS



SECTION A-A

Note:
1. Cost of Excavation & Select Granular Backfill Included in Segmental Concrete Block Wall.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
* Segmental Concrete Block Wall	Sq. Ft.	290
Chain Link Fence, 4'	Foot	80

* See Special Provisions

DESIGNED	SDH
CHECKED	JAZ
DRAWN	MSM
CHECKED	SDH

Page 1 of 1
Date 4/30/07

SOIL BORING LOG

ROUTE FAU 2945 (Western Ave.) DESCRIPTION Proposed Retaining Wall to E&E RR LOGGED BY M. Esposito

SECTION 3152 WRS LOCATION NE 1/4, SEC. 25, TWP. 35N, RNG. 13E, 3rd PM

COUNTY COOK DRILLING METHOD CME 750, 3.25 in. ID HSA HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.	DEPT	B	U	M
Station	W	S	Qu	T	ft	H	S	Qu	T
BORING NO. <u>RWB-1</u>					Groundwater Elev.:				
Station <u>8E+25</u>					First Encounter <u>DRY</u>				
Offset <u>18.00R.L.L.C.I.</u>					Upon Completion <u>DRY</u>				
Ground Surface Elev. <u>584.44</u>	(ft)	(%)	(sf)	(%)	After Hrs.	(ft)	(%)	(sf)	(%)
Bituminous Pavement Approx. 4 inches	594.11				Stiff to Very Stiff Gray SILTY CLAY (continued)				
PCB Pavement Approx. 12 inches	588.11				CLAY (continued)				
Medium Stiff Gray/Black SILTY CLAY (Fill)					End of Boring				
	0								
	0	0.7	30						
	4	B							
	6								
Grades to Very Stiff w/some Brown Mottling	3								
3 inch Coarse Sand Seam @ Approx. 5.5 ft.	2	2.9	20						
	3	B							
	1								
	2	2.5	26						
	3	S @ 15%							
	2								
	3	1.6	26						
	4	B							
	1								
	2	0.8	28						
	4	P							
	1								
	2	1.1	25						
Stiff Black SILTY CLAY (Buried Topsoil)	2	B							
Stiff to Very Stiff Gray SILTY CLAY	1								
	3	2.4	24						
	4	B							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perimeter)

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

RETAINING WALL No. 1
DETAILS

WESTERN AVENUE AT ELGIN
JOLIET AND EASTERN RAILROAD

DATE: 05-30-07
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC
CHICAGO ILLINOIS