

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	58
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

SHEET NO. 610  
OF 12 SHEETS



### SOIL BORING LOG

Date 4/8/05

ROUTE FAP 627(IL71) DESCRIPTION RETAINING WALL AT HENNEPIN CANYON LOGGED BY LM  
 (M)W&RS,(I-1,D)R,W,&RS  
 SECTION STARVED ROCK PARK LOCATION SE 1/4, SEC. 23, TWP. 33N, RNG. 2E, 3<sup>rd</sup> PM  
 COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>24 hennepin canyon</u> Station <u>461+95</u> Offset <u>6.00ft LT</u> Ground Surface Elev. <u>574.74</u> ft	(ft)	(/ft)	(tsf)	(%)	ft	ft
Hard White and Brown Weathered Sandstone (St Pete)	100/3		3.4			
non weathered around 37'-38'						
Auger Refusal at 42' (continued)	100/2		3.0			
End of Boring	531.24					
	-45					
	-60					
	-75					
	-90					
	-105					

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



### SOIL BORING LOG

Date 4/8/05

ROUTE FAP 627(IL71) DESCRIPTION RETAINING WALL AT HENNEPIN CANYON LOGGED BY LM  
 (M)W&RS,(I-1,D)R,W,&RS  
 SECTION STARVED ROCK PARK LOCATION SE 1/4, SEC. 23, TWP. 33N, RNG. 2E, 3<sup>rd</sup> PM  
 COUNTY LASALLE DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>25 hennepin canyon</u> Station <u>463+81.39</u> Offset <u>6.00ft LT</u> Ground Surface Elev. <u>564.39</u> ft	(ft)	(/ft)	(tsf)	(%)	ft	ft
Cored Bituminous and Augered Brown Sand & Gravel and Silty Clay With Shale pieces	6					
Hard Gray Shale with Limonite Seams	13	>4.5	10.5			
	25	P				
	18					
	85	>4.5	6.7			
	100/3	P				
	-25					
	-5					
	538.89	100/4				
White And Brown Sandstone (St Pete)			9.8			
Auger Refusal At 30"						
	100/2		3.5			
	-30					
	100/2		3.2			
End of Boring	532.89					
	-35					
	549.39	15	6			
Hard Gray Clay Shale with Limonite Layers	12	>4.5	17.3			
	29	P				
	547.39					
Very Dense Brown Weathered SandStone	20		13.4			
	50					
	100					
	544.39	20				

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

DESIGNED BY <u>J.M.L.</u>	<p>2700 McGraw Drive                  Bloomington, Illinois 61704                  302/953-9435, 302/953-1671 fax</p>	FILE NO. <u>24-6772</u>
DRAWN BY <u>D.J.M.</u>		DATE <u>05-12-06</u>
CHECKED BY <u>M.S.W.</u>		SHEET NO. <u>58 of 106</u>

**SOIL BORING LOGS**  
**IL ROUTE 71**  
**SOLDIER PILE RETAINING WALL**  
**F.A.P. ROUTE 627 - SEC. (I-1) BR & I**  
**LA SALLE COUNTY**  
**STATION 462+24.35 TO STATION 464+94.66**  
**PROPOSED STRUCTURE NO. 050-W004**