F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	56
STA.		TO STA.		
FED. RO	AD DIST. NO.	ILLINOIS FED.	AID PROJ	ECT

SHEET NO. G8 OF 12 SHEETS

ノタノ	of Transpo	ortat	ioi	1		SC	IL BORING LOG				
	District #3, Ottawa				6	PETΔIN	INC WALL NEAD S N. 050-2002 IN			12/	
	(M)W&RS,(I-1,D)R,	W.&RS			N		STARVED ROCK PARK		ED BY	LM-	IDOT
			_		-		OW STEM AUGER HAMMER TYPE		AUTO	MATI	
			D	В	Ιυ	М	<u> </u>	Ъ	В	U	м
			E	L	С	0	Surface Water Elev. ft Stream Bed Elev. ft	E		C	O
			Р	0	S	!		P	0	S	i
BORING NO.	21 hennepin cany	ron_	T H	W	Qu	S	Groundwater Elev.:	TH	W	Qu	S
Offset	464+25.39 6.50ft LT		Ι"	"	""	'	First Encounterft Upon CompletionNONEft	"		- CCU	Ι΄.
Ground Surf	ace Elev. 563.18	8 ft	(ft)	(/6")	(tsf)	(%)	AfterHrs. ft	(ft)	(/6")	(tsf)	(%)
AUGERED BI	TUMINOUS		L	l	 	†	Hard Gray SHALE (continued)		9	<u> </u>	
PAVEMENT & BASE	Brown STONE]				_	20	-	10.3
LHUL							l		30	-	L
		_			1				4		
Very Stiff Gree	n,Brown & Red	560.68	-	4					13		
Weathered SHALE (FILL)	IALE (FILL)			8	3.0	15.8			23	-	9.2
			-	11	P		Dense ST. PETER SANDSTONE 539.		100/2		J.L.
		558.68		<u> </u>	<u> </u>	 	End of Boring		† 	 	
Stiff Brown SIL	TY CLAY with		5				-	-25	5		
Limestone Gra	ivei Pieces		_	9]	1	
				4	1.5 P	27.4			4		
			-			_		_	-		
				l					1		
			_	3					1		
				3	2.0	22.4			1		
				5	P]		
									1	1	
BLACK COAL	· · · · · · · · · · · · · · · · · · ·	553.18	-10	4	1			30	2		
			_	4	-	81.8			1		
				5	-				1		
					 				1	1	
Hard Gray I IN	DERCLAY WITH	550.18		14 20	4.5	11.6			-		
INTERBÉDDE	D COAL &			21	4.5 P	' ' '			4		
LIMONITE VE					 '				-		
			-15		1			3	1		
				10	L			3:	٩		
				14	-	7.3			1		
				21	-		l	-]		
]		
Brown Wastha	red SANDSTONE	545.68		9				_	1		
Diowii Weathe	ING OMINDO I ONE			10	 -	7.8			4		
		544.18		13	_	′.0		_	-		
						, ,	1				

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)

Illinois De of Transpo Division of Highways District 83, Ottawa				_		SAIG WALL NEAD CA	050 0000 IN	Date12/24/0
		SCRI	PTION	۱	RETAIN	VING WALL NEAR S.N. STARVED ROCK PA	.050-2002 IN JRK	LOGGED BY LM-IDO
(M)W&RS,(I-1,D)R,\ SECTION STARVED ROCK I	PARK							
COUNTY LASALLE D	RILLING	ME	THOD		HOLL	OW STEM AUGER	_ HAMMER TYPE	E AUTOMATIC
STRUCT. NO		DE	B L O	U C S	M O	Surface Water Elev. Stream Bed Elev.	ft ft	
Station 22 hennepin canyo		H	W S (/6")	Qu (tsf)	S	Groundwater Elev.: First Encounter Upon Completion After Hrs.		
AUGERED BITUMINOUS PAVEMENT OVER Brown SILTY CLAY LOAM		_						
Medium Gray & Brown SILTY	564.28		3					
CLAY with Pieces of COAL (FILL)		_	2 3	1.0 P	-			
		-5	3					
			2 2	0.5 B	44.9			
			3					
Medium Red & Brown SILTY CLAY with Pieces of Red SHALE & COAL	558.28		3	0.5 0.5	31.9 38.2			
& COAL		-10	2	1.0	22.6			
			1	P	22.0			
	553.78	-	2	1.0	25.7			
BLACK COAL Very Stiff Brown & Gray Weathered CLAY SHALE with	553.28		2	-	78.1 26.8			
Pieces of COAL		-15	6	3.5	15.5			
			12	3.5 P	13.5			
Weathered Gray SHALE	549.28		9 19		11.3			
AUGER REFUSAL on Brown &	547.78 547.28	\dashv	37 150/3"	-	7.6			
Weathered SANDSTONE	<u></u>	-20						

IL ROUTE 71 SOLDIER PILE RETAINING WALL F.A.P. ROUTE 627 - SEC. (I-1) BR & I LA SALLE COUNTY

SOIL BORING LOGS

STATION 462+24.35 TO STATION 464+94.66 PROPOSED STRUCTURE NO. 050-W004

Farnsworth
GROUP
STOD Michaev Drive
Bleochagton. Illiance 61700-4
300/683-8436. 300/683-1571 Pax

FR. HO.
24 - 6772

05-12 - 06
SHET NO.
56 or 106