F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
627 (1-1)I-1		LA SALLE	60	25	
STA.		TO STA.			
FED. RO	AD DIST. NO.	ILLINOIS FED.	AID PROJ	ECT	
CONTRA	CT NO. 66550		SHEET	NO. 86	

SHEET NO. 86 OF 9 SHEETS

Illinois Department of Transportation Division of Highwaye Ullinois Department of Transportation				SOIL BORING LOG Page 1 of Date 11/19/0								
ROUTE FAP 627(IL71) (M)W&RS,(I-1,D)R,V SECTION RET. WALLS	DESC	RIPTI	DN							W.		
COUNTY LASALLE DR	RILLING R	NETHO	ס	Ho	llow Stem Auger	HAMMER TYP	E	Auto	matic			
STRUCT. NO. Station BORING NO. 7 ROCK CORE- Station 400+73 Offset 8.00ft LT	4	D B E L P C T W H S	C S Qu	M O I S T	Surface Water Elev Stream Bed Elev Groundwater Elev.: First Encounter _ Upon Completion _	ft	P T H	B L O W S	U C S Qu	M O I S T		
Ground Surface Elev. 578.20 AURGERED-BITUMINOUS	ft (ft) (/6	") (tsf)	(%)	After Hrs. Hard Gray SHALE (co	ft	(ft)	(/6")	(tsf)	(%)		
PAVEMENT Over Stone Base Over Gray SHALE	. , –				Hard Gray SHALE (CO	murueaj		35 75	4.5 P	9.0		
									4			
	573.20	-5					-25					
Hard Gray SHALE with Limonite & Secondary Sulfur		9		19.0	TOP OF ST. PETER SANDSTONE		2.70	23 100/4' -	-	7.0		
	-				Borehole continued w	550 ith rock	0.20					
Black COAL	568.20	-10 2			coring.		-30	٠				
DIAGN COAL	_	6	7 -	49.0			-					
Very Stiff Gray CLAY	564.70	_			-							
(UNDERCLAÝ)	562.70	-15	' 1				-35					
Hard Gray SHALE		1		20.0								
	-											

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)

	Division of Highways Illinois Department of Transportation	Transportation ROCK CORE LOG							0	ate <u>1</u>	1/19/0
ROUTE	FAP 627(IL71)		TAINING WAL			ON	ON	LO	GGED	BY	K.W.
SECTION	(M)W&RS,(I-1,D)R,W&R	S				٥٢.	ord me				
	RET. WALLS		SE 1/4, SEC. 22	, IWP. 33	N, KNG.	ZE, .	5 PH		T	T	
COUNTY	LASALLE CORIN	IG METHOD						R	R	CORE	S
STRUCT, NO.		CORING BARREL	TYPE & SIZE	5' DOL				С		T	R
		,	2.1	in	\h-h-	D E	C	0 V	Q	M	E
BORING NO.	7 ROCK CORE-4	Core Diameter Top of Rock Elev				Р	R	E	D	E	G
Station	400+73	Begin Core Elev	550.20	ft		T H	E	R Y			T H
Offset Ground Surfa		F#				(ft)	(#)	(%)	(%)	(min/ft)	(ts
	ANDSTONE, Tan to Bro		orly to Firmly Ce	mented	550.20		1	63	17		47.
near the Top,	Top 15" contains Pyrite,	Chert & 3/4" Clay Inc	lusions								
Moisture Cont	ents of Qu Samples = 4.3	2% & 12.7%				_					
						-30					
						-	2	63	23		38.
						-35					
						-					
					540.20						
End of Boring						_					
						-40					
						-					
									İ		
						-					
						45					
						-					
								L	L		

SOIL BORING/ROCK CORE LOGS

IL ROUTE 71

SOLDIER PILE RETAINING WALL
F.A.P. ROUTE 627 - SEC. (1-1)I-1

LA SALLE COUNTY

STATION 399+91.88 TO STATION 400+87.50

STRUCTURE NO. 050-W001