STA. TO STA.	F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	627 (1-1)I-1		LA SALLE	60	46
	STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	FED. ROA	AD DIST. NO.	ILLINOIS FED	. AID PROJ	ECT

SHEET NO. E6

Illinois Departn of Transportati Detains of Highrenys Illinois Department of Transportation ROUTE			RETAIN	OIL BORING LOC NING WALL AT TONTI CANYON ON ILLINOIS 71	ı		Date	1 11/2 K.	19/01
SECTION RET. WALLS COUNTY LASALLE DRILLING							Autr	matic	
STRUCT. NO	D E P T	B L O W S	U M C O S I S Qu T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion NONE	ft ft ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
AUGERED - BITUMINOUS PAVEMENT Over Stone Base Over Weathered Gray SHALE			(10)	After Hrs. Hard Gray SHALE with Limonite and Secondary Sulfur COAL Lost in Sampling Interval; See B-1 for elevation (continued)	_ 11	-	15 53 110	4.5 P	9.0
Stiff Weathered Gray SHALE	-5	1		TOP OF ST. PETER	557,36	-25	100/4"		
575.36 Hard Gray SHALE with Limonite and Secondary Sulfur			.5 29.0 P	Borehole continued with rock coring.	555.16	-	-	•	
COAL Lost in Sampling Interval; See B-1 for elevation	+		.5 24.0	·		-30			
		6	P						
			5 24.0 P			-35			

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)

	Division of Highways Illinois Department of Transpo	ortation	RETAINING WALL AT TONTI CANYON ON					Date11/19/01				
ROUTE	FAP 627(IL71)	DESCRIPTION						LOGGED BY K.W.				
SECTION	(M)W&RS,(I-1,D)R,V	V&RS LOCATION	SE 1/4 SEC 22	TWD 3	SN DNG	2E :	ard Pile					
			OL 114, OLO. 22		ory, reivo.	<i>-</i>		R		CORE	S	
COUNTY	LASALLE CO	RING METHOD	·					E	R		T	
STRUCT. NO.	,	CORING BARREL	TYPE & SIZE	5' DO BAR	UBLE REL	D	С	C	ė	T	R	
Station		Core Diameter		in		E	Ö	v		М	N	
BORING NO.	6 ROCK CORE-1	Top of Rock Ele	ev. 577.36	ft		P T	R	E	D	E	G T	
Station	404+20	Begin Core Elev	v. <u>555.16</u>	ft		Н	E	R Y	•		н	
	7,50ft LT face Elev. 582.36	— ft				(ft)	(#)	(%)	(%)	(min/ft)	(tsf)	
		Brown, Iron-Stained, Po	orly to firmly Cer	nented	555.16		1	96	76		58.5	
Moisture Cont	tents for Qu Samples	= 5.6% & 6.5%				-						
•												
						-30						
						\dashv						
							2	60	8		74.2	
					-	\dashv						
						-						
	4					-35				•		
						-						
End of Boring					545.1 <u>6</u>	=						
End of build						_						
						\dashv						
						40						
						\exists						
				•								
						-45						
						-45						
						-						

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 403+94.31 TO STATION 405+31.53

STRUCTURE NO. 050-W002

| CESTONED DY | J.M.L. | FARTNSWORTH | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772 | 24-6772