STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	57-63ET NO.	SHEET NO. 22
FAP 777	108-1	MONTGOMERY		104	74	23 SHEETS
FED. ROAD DEST, NO. 7		ILLINOIS	PED. ALD PRI	DJECT-		

Contract #92667

Illinois Departi of Transportati	on			S	OIL BORING LOG		Date		
ROUTE FAP 777 (IL 185) DESCRIPTIO	N			over E	ast Fork Shoal Creek LOG	GED BY	,		
SECTION 108-1 LO									
COUNTY Montgomery DRILLIN	G ME	THOD			HSA HAMMER TYP	YE	140 #	Manu	al
STRUCT. NO. 068-0028	D	В	U	M	Surface Water Elevft	D	В	U	M
Station 500 + 44	E	L	s	0	Stream Bed Elevft	E	O L	s	ĭ
BORING NO. 1 SE Abut	T	w		S	Groundwater Elev.:	T	w	_	s
Station 500 + 98 Offset 7,00ft Right	Н	s	Οu	T	First Encounter 548.2 ft Upon Completion ft	н	S	Œυ	1
Ground Surface Elev. 561.2 ft	(ft)	/6"	(tsf)	(%)	After Hrs ft	(ft)	/6°	(tsf)	1%
Existing Pavement and Sub-Base				·	Loose, Wet, Grey, SAND				
				ļ			6		19
569.	,	ł				-	ů		18
Soft, Damp to Very Damp, Brown,		1		ļ					_
CLAY LOAM									
		6	0,5	20			6		18
Bordering Silty Clay Loam	_		s	ļ					
	5					<u>-25</u>			
	_	<u> </u>	ļ		53	5.2			_
	_	4	9.5	24	Stiff, Very Damp to Wet, Grey, CLAY TILL	_	6	1.1 B	21
			E		{	3.7		В	
	_				Very Dense, Damp, Brown,				
	-	3	0.4	24	Weathered, SHALE		65		18
	_	1	s	-		-	••		"
	~10				55	1.2 -30			
	_	<u> </u>			Dense, Demp to Very Damp, Brown Streaked Grey, SHALE	-		\vdash	-
		3	0.4	24	Containing 1" to 2" Coal Seams		31		15
			E	<u> </u>					
548.	,	ł			==	8.2			
Very Loose or Very Soft, Wet,	-				Very Dense, Moist to Dry, Brown,				
Brownish Grey, SANDY LOAM	_	3	0.2 E	19	SHALE		٠	ıΠ	13
	-15			 	* = 3" Penetration for 50 Blows	-35			\vdash
545.									L
Very Loose or Very Soft, Wet, Brownish Grey, SANDY CLAY		-	0.2	21		.,			10
LOAM 544	.2 —	Ι΄.	B		Extent of Exploration	4.7			
Soft, Wet, Brownish Grey, CLAY LOAM to CLAY					Boring taken from March 1968				
LUMINI IN CLAT		-	-	 	Plans				
		9	0.3	25	Stations updated to October 2002				
		<u> </u>	8		Stationing				
541.	2 -20	ــــــــــــــــــــــــــــــــــــــ	l	<u>. </u>	L	-40	لــــا	ш.	Щ.

Illinois Departn of Transportatio	nen on	t		S	OIL BORING LOG			1	
				over E	sut Fork Shoal Creek LOGGI	ED BY	<i></i>		
SECTION 10B-1 LO	CATIO	ON	SW 1	4, SEC	C. 6, TWP. 7 N, RNG. 2 W, 3 PM				
COUNTY Montgomery DRILLING	ME	THOD			HSA HAMMER TYPE		40 #	Man	ıal
STRUCT. NO. 068-0028 Station 500+44	D E P	0	u c s	M O I	Surface Water Elev. ft Stream Bed Elev. ft	DEP	0	U C S	
BORING NO. 2 NW Abut	H	s	Ori	S T	Groundwater Elev.: First Encounter 544.9 ft Upon Completion ft	H	w s	0	
Ground Surface Elev. 560.9 ft Existing Pavement and Sub-base	(rt)	/6"	(tsf)	(%)	After Hrs. ft Loose, Wet, SAND (continued)	(ft)	A6"	(tst)	
558.6					Greyish Brown	_	5		1
Soft, Damp, Brown to Dark Brown, CLAY LOAM to SILTY CLAY LOAM	_					_			
Damp to Very Damp		9	0.3 S	13	Greyish Brown		8		l
	5				-	-25			
		7	0.5 S	25	Gray	_	7		-
		7	0.5 S	27	Grey, Bordering SANDY LOAM	_	7		H
	-10				-	-30			
	_	8	0.5 B-S	24	Very Dense, Moist to Damp, Brown, SHALE	<u> </u>	23		-
					Medium	_			
546.9 Loose, Wet. SAND	,	10		16			110		-
Damp, Brown	-15					-35			
Brown		6		20	Contains 1" to 2" Coal Seams 523,		98		
					Extent of Exploration Boring taken from March 1968	_			-
Brown	_	7		16	Plans Stations updated to October 2002				
	~20	 		 	Stationing	40			

Illinois Departr	nen on	ξ		S	OIL BORING	LOG	Page 2
Division of Highways District Stx Meterials							Date
ROUTE FAP 777 (IL 185) DESCRIPTION	-			lver Ea	ast Fork Shoal Creek	LOGGE	D BY
SECTION 10B-1 LO	CATIO	DN	SW 1	4, SEC	C. 6, TWP. 7 N, RNG. 2 W, 3	PM	
COUNTY Montgomery DRILLING	ME	THOD			HSA H	AMMER TYPE	140 # Man
CTRUCT NO DOS DOS	р	В	u	м	Surface Water Flor		
STRUCT. NO. 068-0028 Station 500+44	E	L	C	0	Surface Water Elev Stream Bed Elev	ft	
BORING NO. 2 NW Abut	17	W	1	s	Groundwater Elev.:		
Station 499 + 90 Offset 5.00ft Left	H	s	Qu	Т		544.9 ft	
Ground Surface Elev. 560.9 ft	(ft)	/6"	(tsf)	(%)	Upon Completion After Hrs	ft	
Borings typed into gINT 06/20/02 M. Metcalf	_						
	-						
	\exists						
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	-45						
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	-50						
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	\exists						
	-55						
	-						
	-						
	-60						
The Unconfined Compressive Strength							

SOIL BORING LOGS

F.A.P. ROUTE 777 SECTION 10B-1

MONTGOMERY COUNTY

STATION 500+44.04

STRUCTURE NO. 068-0505