STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

District Nine Materials						Boring Log					
RAP 776 (IL Rte 242) Over Shelton Creek Route FAP 776 (IL 242 Structure Number: 033-0026 (existing)							Sheet 1 of 2 Date: 7/25/2007				
	ructure	e Numbe	x: <u>U33-</u>	-0026 (Date	-	Moberly			
Section 102B	Toan	bion. 1	4 mile	Courth			Rob Gr		-		
County: Hamilton	11008	C1011: 1	.4 mile	South		ec by:	KOD GI	gerr			
Boring No 2-S	D	В			Surf Wat Elev: 368.1	D	В				
Station 470+24	E	L I			Ground Water Elevation when Drilling 368.9	E	Ļ				
Offset 8' Rt CL	P	o W	Qu		At Completion	P	O W	Qu			
Ground Surface 388.4 Ft		S	tsf	W%	At: Hrs:	- H	S	tsf	W%		
Asphalt Pavement and Gravel			-		Stiff, very moist, grey, Clay A7-6	سننب	1	1.1B	24		
naphan ravement and craver					Cuit, very moist, grey, clay Ar-o		2	1.10	2-7		
_					-		,				
386.4					361.4						
Medium to soft, very moist, grey,					Stiff, very moist, grey, Sandy		1				
Clay to silty Clay A7-6		2 2	0.5B	26	Clay Loam to Clay Loam A-4		3 4	1.38	18		
							4		***************************************		
383.9					358.9						
Stiff, moist to very moist, grey,	5.0	WH			Medium, moist to very moist,	30.0	2				
Silty Clay to Silty Clay Loam A-6		1	1.28	22	grey, Sand Loam to Sandy Clay		5	1.15	17		
_		3			Loam A-4		6				
381.4					70% 0 20% 6% 20% 61						
Medium, very moist, grey, Clay		WH	~~~~		70% Sand, 22% Silt, 8% Clay		3				
A7-6		1	0.5B	38			6	1.88	17		
		1			<u>.</u>		6	1100	• • •		
_	-				1						
					353,9						
	10.0	WH			Stiff, moist, grey, Clay to Clay	35.0	2				
		1 2	0.9B	30	Loam A-6		5 8	1.4B	17		
					-						
376.4					351.4	177777					
Stiff, moist to very moist, grey		1	•		Very stiff, moist to damp, grey,		8	_ ***************			
mottled brown, Clay A7-6		2	1. 4 B	25	Clay to Clay Loam A-6		12	2,1B	12		
		3				*******	17				
373.9					348.9						
Stiff, moist to very moist, grey	15.0	1			Hard, damp to dry, grey,	40.0	4	*			
mottled brown, Silty Clay to	10.0	3	1.65	24	Clay to Clay Loam A-6	70.0	12	5.6B	12		
Silty Clay Loam A-6		3					18				
		978		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1						
371.4		ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			4 .		Į				
Medium, very moist, grey, Sandy Clay Loam A-4		1 2	0.78	19	-		ł				
Clay Loam A-4		5	0.75	19			1				
	-	-			1 -		1 -				
368.9							1				
Soft, very moist, grey, Sand to	20.0	1			-	45.0					
Sand Loam A-4 w/ clay layers	-	4	0.48	20	1		9	4.18	20		
82% Sand, 13% Silt, 5% Clay		5			-∦ .		17				
366.4						-	1				
Stiff, very moist, grey, Clay A7-6		1		· · · · · · · · · · · · · · · · · · ·	1		1				
		1	1.0B	19	1]				
		3			1]				
					1		1				
		1000			338.9						
	25.0	WH			<u> </u>	50,0	2				

oute FAP 776 (IL 242)								of 2	
ection: 102B	-					5400			23,200,
ounty: Hamilton									
Soring No: 2-8	D E P	B L O				D E P	B L O		
ffset: 8' Rt CL round Surface: 388.4Ft	H	w s	Qu tsf	W%		I T	w	Qu	haror
/ery stiff, damp to moist, brown,	1 "	5	2.3B	19		H	Ş	tsf	W%
Sitty Clay to Sitty Clay Loam A-6	_	7	2.30	19					
-									

-									
-									
	55.0	3				80.0			
332.9		8							
Hard, dry, grey, Clay Shale		100/5"							
•									
· .						-			
	_								
•									
328.4	60.0	100/2"				85.0			
	***************************************					***************************************	ı		
Bottom of hole= 59.7 feet									
Free water observed at 19.5 feet									
Free water observed at 19.5 feet						·			
Elevation referenced to BM at									
SE headwall= 386.7 feet									
To convert "N" values to "N60"	65.0			,		90.0			
values, multiply by 1.25.									
-								*	
•									
					*				
	70.0					95.0			
						,			

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	******					***************************************	1		
	75.0	1				460.0	1		
	/0.0	L			I	100.0	1		

BORING 2-S

BORING LOGS

IL ROUTE 242 OVER

SHELTON CREEK

STATION 470+76

DESIGNED
CHECKED
DRAWN - JLR

CHECKED - CJW

						1
	SHEET NO.26	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	01.221 110.20	776	(102)B-1	HAMILTON	53	53
JACOBS	26 SHEETS		S.N. 033-0053	CONTRACT	NO. 78	016
JACUDS		FED. RC	AD DIST. NO. ILLINOIS FED. A	ID PROJECT		