

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials						Bridge Foundation Boring Log Sheet 1 of 2					
FAS 2881 (Raleigh Road) Over Eldorado Reservoir Spillway						Date: 5/10/99					
Route: FAS 2881 Structure Number: 083-0028						Bored By: R Moberly					
Section 30B-1						Checked By: J. Zdzankiewicz					
County: Saline						Location: 1.25 miles East of Raleigh					
Boring No 1-S	D	B			Surf Wat Elev: 398.6	D	B				
Station 130+93 W	E	L			Ground Water Elevation	P	L				
Offset 13' Lt CL	T	O	Qu	W%	when Drilling 389.2	H	W	Qu	W%		
Ground Surface 410.7 Ft	H		tsf		At Completion 380.7			tsf			
					At: Hrs:						
Crushed Aggregate 409.7										2	1.8B
										4	
Stiff, moist, gold brown and grey, Silty Clay to Clay A-6										1	
										2	1.5B
										3	
406.2					381.2						
Medium, moist, brown and grey, Clay to Silty Clay A7-6	5.0	2				30.0	1				
										2	0.7B
										3	
403.7					378.7						
Medium, very moist, brown and grey, Silty Clay to Clay A-6							1				
										2	0.8B
										3	
401.2					375.2						
Soft, very moist, gray and black, Silty Clay to Silty Clay Loam A-6	10.0	1				35.0	2				
										3	1.5B
										3	
398.7											
Stiff, moist, brown mottled grey, Silty Clay Loam to Silty Clay A-4							1				
										3	1.4B
										3	
15.0					370.7	40.0	8				
										19	3.3S
										34	
393.7					358.2						
Stiff, moist, brown mottled grey, Silty Clay A-6							15				
										31	
										89	
391.2											
Stiff, moist, brown mottled grey, Silty Clay Loam to Clay Loam A-4	20.0	1				45.0	100/5"				
388.7											
Medium, moist, grey and brown, Sand Loam A-4 with Clay 387.7											
385.7											
Stiff, moist, brown mottled grey, Clay A7-6	25.0	1				50.0	100/5"				

N-Std Penetr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING 1


ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials						Bridge Foundation Boring Log Sheet 1 of 1					
FAS 2881 (Raleigh Road) Over Eldorado Reservoir Spillway						Date: 5/10/99					
Route: FAS 2881 Structure Number: 083-0028						Bored By: R Moberly					
Section 30B-1						Checked By: J. Zdzankiewicz					
County: Saline						Location: 1.25 miles East of Raleigh					
Boring No 2-S	D	B			Surf Wat Elev: 398.6	D	B				
Station 131+42 E	E	L			Ground Water Elevation	P	L				
Offset 13' Rt CL	T	O	Qu	W%	when Drilling 396.8	H	W	Qu	W%		
Ground Surface 411.3 Ft	H		tsf		At Completion 381.8			tsf			
					At: Hrs:						
Crushed Aggregate 410.3										3	1.9B
										4	
Very stiff, moist, brown, Silty Clay A-6										1	
										2	1.4B
										4	
406.8					381.8						
Very stiff, moist, brown, Clay A7-6	5.0	2				30.0	1				
										3	1.4B
										3	
404.3					379.3						
Medium, very moist, grey, Clay A7-6							1				
										2	1.0B
										3	
401.8					375.2						
Soft, very moist, grey, Silty Clay A-6	10.0	1				35.0	1				
										3	1.4B
										3	
399.3											
Medium to stiff, moist to very moist, brown mottled grey, Silty Clay Loam to Clay Loam A-4										1	
										3	1.5B
										5	
396.8					371.3	40.0	3				
Stiff, moist, brown mottled grey, Sandy Clay Loam to Clay Loam A-4	15.0	2								7	3.5S
										18	
394.3					367.8						
Stiff, moist, grey mottled brown, Silty Clay Loam to Clay Loam A-4											
391.8											
Hard, dry, grey, Clay Shale											
389.3					366.3	45.0	100/5"				
Medium, very moist, brown mottled grey, Sandy Clay Loam to Clay Loam A-4	20.0	2									
387.7											
Stiff, moist, brown, Clay to Clay Loam A7-6											
386.8											
Hard, dry, grey, Clay Shale											
25.0											

N-Std Penetr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING 2

BORINGS
STRUCTURE NO. 083-0063

DESIGNED - P.S.L.
CHECKED - M.D.C.
DRAWN - D.T.M.
CHECKED - S.W.M.

 HAMPTON, LENZI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 08.0045.130 DATE: 09/02/08	SHEET NO. 19	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	19 SHEETS	2881	30B-1	SALINE	45	33	
			RALEIGH RD. OVER ELDORADO RESERVOIR SPILLWAY		CONTRACT NO. 98533		
			FED. ROAD DIST. NO. 9 ILLINOIS		FED. AID PROJECT		