


F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-1-N-1	COOK	196	136
STA. 84+90.00		TO STA. 92+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62617



Wang Engineering, Inc.  
Consulting Geotechnical and  
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1145 Main Street  
Lombard, IL 60148  
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### BORING LOG B-15

WEI Job No.: 555-12-05


Client: IDOT, Division of Highways

Project: Retaining Walls at FAP 345 US Route 20

Location: Elgin, IL

Datum: NGVD  
Elevation: 809.30 ft  
North: Ft  
East: Ft  
Station: 92+00  
Offset: 19 RL

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
887.4	16-inch thick ASPHALT over 6-inch thick CONCRETE --PAVEMENT--							887.4	Medium dense to very dense, brown SAND, some gravel	11					
885.5	Medium dense, brown SANDY GRAVEL --FILL--	1	X	1	5	NP	4			12	X	12	13	NP	5
885.5	Stiff, brown SILTY CLAY Qu=1.0 tsf --FILL--	2	X	2	8	NP	6			38	X	12	18	NP	3
	Medium dense, brown SAND, some gravel --FILL--	3	X	3	6	NP	6			35	X	13	9	NP	4
		4	X	4	7	NP	8			55	X	14	18	NP	3
		5	X	5	4	NR				68	X	15	5	NP	3
786.3	Medium stiff, brown CLAY LOAM, some gravel --FILL--	6	X	6	4	0.50 P	13			75	X	16	28	NP	3
753.8	Medium stiff, brown SANDY GRAVEL --FILL--	7	X	7	4	NP	11			78	X	17	9	NP	7
		8	X	8	8	NP	6			80	X	18	28	NP	3
		9	X	9	5	NP	13			85	X	19	13	NP	
786.3	Very stiff, brown SILTY CLAY	10	X	10	3	2.25 P	26			90	X	20	38	NP	

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
754.3	Boring terminated at 55.00 ft	55													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-08-2007	Complete Drilling	10-08-2007	While Drilling	52.00 ft	At Completion of Drilling	DRY
Drilling Contractor	Ground Breaking Exploration	Drill Rig	CME-45 TMR	Time After Drilling	NA	Depth to Water	NA
Driller	E & B	Logger	Y. Shu	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			
Drilling Method	2.25 inches HSA						

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
SOIL BORING LOGS-V  
U.S. RTE. 20  
AT BLUFF CITY / SHALES PARKWAY  
SOUTH SOLDIER PILE RETAINING WALL  
F.A.P. 345 SECTION: 8R-1-N-1  
COOK COUNTY  
STRUCTURE NO. 016-W968

SCALE: NONE  
DATE: FEBRUARY, 2008  
DRAWN BY: D.L./F.M.  
CHECKED BY: B.N.S./J.C.N.

**CHRISTIAN-ROGE & ASSOC., INC.**  
CHICAGO ILLINOIS

REVISIONS	
NAME	DATE

... SHEET 13613613 7/15/2008 2:36:07 PM