


FAP No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-1-N-1	COOK	196	137
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 Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG B-14

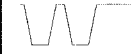
WEI Job No.: 555-12-05

Client: IDOT, Division of Highways

Project: Retaining Walls at FAP 345 US Route 20

Location: Elgin, IL

Datum: NGVD
Elevation: 884.98 ft
North: ft
East: ft
Station: 91+00
Offset: 19 ft



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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	u (lb/ft ²)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	u (lb/ft ²)	Moisture Content (%)
884.98	16-inch thick ASPHALT over 6 inch thick CONCRETE --PAVEMENT--							884.98							
884.98	Medium stiff, brown CLAY LOAM, some gravel --FILL--	1	X	1	4 4 4 9	8.75 P	28	776.3	Medium dense to very dense, brown and gray SAND, some gravel	1	X	2 1 5	123 S	38	
776.3		2	X	2	4 5 4 4	8.50 P	15			2	X	1 1 1 15	NP	6	
776.3	Medium dense, brown SAND, some gravel --FILL--	3	X	3	4 7 7 4	NP	7			3	X	17 16 16	NP	8	
776.3	Stiff, brown SILTY CLAY, trace gravel --FILL--	4	X	4	4 5 4 4	LAN P	24			4	X	18 18 17	NP	4	
776.3	Loose to medium dense, brown and gray SANDY LOAM, little gravel --FILL--	5	X	5	5 4 4 4	NP	9			5	X	20 23 21	NP	3	
776.3	Medium dense, brown and gray SANDY GRAVEL --FILL--	7	X	7	5 12 11 11	NP	5			6	X	15 25 27	NP	3	
776.3		8	X	8	5 5 7 7	NP	14			7	X	11 11 9	NP	5	
776.3	Medium stiff to stiff, brown SILTY CLAY	18	X	18	2 3 6 6	8.98 B	25	759.3	Dense to very dense, brown SANDY GRAVEL	18	X	15 24 24	NP	8	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-08-2007	Complete Drilling	10-08-2007	Water Drilling	47.00 ft		
Drilling Contractor	Ground Breaking Exploration	Drill Rig	CME-45 TMR	At Completion of Drilling	DRY		
Driller	E & B	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	S. Sugar-to	Drilling Method	2.25 inches HSA	Depth to Water	NA		

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	u (lb/ft ²)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	u (lb/ft ²)	Moisture Content (%)
884.98								884.98							
776.3		55	X	17	17 16 16	NP	8		Boring terminated at 55.00 ft						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-08-2007	Complete Drilling	10-08-2007	Water Drilling	47.00 ft		
Drilling Contractor	Ground Breaking Exploration	Drill Rig	CME-45 TMR	At Completion of Drilling	DRY		
Driller	E & B	Logger	Y. Shiu	Time After Drilling	NA		
Checked by	S. Sugar-to	Drilling Method	2.25 inches HSA	Depth to Water	NA		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS-IV
U.S. RTE. 20
AT BLUFF CITY / SHALES PARKWAY
SOUTH SOLDIER PILE RETAINING WALL
F.A.P. 345 SECTION: BR-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