

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	121	82
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. XXXXX				

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 RW-01
 WEI Job No.: 555-12-01
 Client: IDOT Project No. D-91-336-06,
 Project FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd
 Location: Village of Buffalo Grove, Lake County IL

Datum: NGVD
 Elevation: 196.49 m
 North: 610490.08 m
 East: 334073.34 m
 Station: 10+190.41
 Offset: 5.15L

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
196.4	10.16 centimeter thick ASPHALT --PAVEMENT--												
195.9	50.8 centimeter thick CONCRETE --CONCRETE--												
195.3	Very stiff, brown gravelly SANDY CLAY LOAM --FILL--	1	3	192	15								
195.3	Medium dense, brown to gray GRAVELLY SAND	2	5		NP	6							
		2	6										
		2	8										
		2	12		NP	5							
		2	10										
		3	3										
		3	7		NP	12							
		3	7										
193.3	Very stiff, gray CLAY with silt seams	4	3										
		4	4		243	25							
		4	5		B								
		4	2										
		4	5		228	25							
		4	11		B								
191.9	Boring terminated at 4.57 m	5											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-09-2007	Complete Drilling	03-09-2007	While Drilling	✓	3.20 m	
Drilling Contractor	Precon	Drill Rig	ATV	At Completion of Drilling	✓		
Driller	K&W	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25", ID HSA, Boring backfilled with cuttings			Depth to Water	✓	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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 RW-02
 WEI Job No.: 555-12-01
 Client: IDOT Project No. D-91-336-06,
 Project FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd
 Location: Village of Buffalo Grove, Lake County IL

Datum: NGVD
 Elevation: 196.78 m
 North: 610539.30 m
 East: 334062.45 m
 Station: 10+241.66
 Offset: 5.26L

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
196.7	10.16 centimeter thick ASPHALT --PAVEMENT--												
196.2	50.8 centimeter thick CONCRETE --CONCRETE--												
195.8	Stiff, brown gravelly SANDY CLAY LOAM --FILL--	1	4		118								
		1	3		B								
		1	4										
		2	4										
		2	9		NP	5							
		2	8										
		2	7										
		2	12		NP	6							
		2	10										
		3	4										
		3	17		NP	11							
		3	12										
		3	4										
		3	7										
		3	3		NP	11							
		3	4										
193.0	Very stiff, gray CLAY	4											
		4	3										
		4	5		260	24							
		4	7		B								
192.2	Boring terminated at 4.57 m	5											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-09-2007	Complete Drilling	03-09-2007	While Drilling	✓	5.20 m	
Drilling Contractor	Precon	Drill Rig	ATV	At Completion of Drilling	✓		
Driller	K&W	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25", ID HSA, Boring backfilled with cuttings			Depth to Water	✓	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		RETAINING WALL SOIL BORING LOGS
		US 45/IL RTE. 21 OVER APTAKISIC CREEK
		DATE: 11-27-07
		DRAWN BY: M.S.M. CHECKED BY: S.D.H.
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS