

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	21	20
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. XXXXX				

Wang Engineering, INC.
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BORING LOG RB-21
 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 60.14 m
 North m
 East m
 Station 10+313.0
 Offset 9.6L

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Qu (MPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Qu (MPa)	Moisture Content (%)
59.9	Dark brown to black CLAYEY SILT with fine to medium sand, trace grass roots, moist --TOPSOIL--	1	x	---	13	---							
59.5	Brown to dark brown CLAYEY SILT with fine to coarse gravel, occasional fine to coarse sand, moist	2		10	---	15							
		3		13	---	8							
		4		16	---	---							
59.1	Brown, fine to coarse GRAVEL, some clay and silt, some fine to coarse sand, dry to moist --FILL--	4		4	105	21							
		7		7	B	---							
	Brown to dark brown CLAYEY SILT with fine to coarse gravel and fine to coarse sand, some silt or clay layers, moist --FILL--	4		4	---	---							
		5		3	96	12							
		4		4	B	---							
		3		3	---	---							
		3		3	---	11							
		3		3	---	---							
56.8	Brown, fine to coarse GRAVEL, some fine to coarse sand, some clay, wet	7		7	---	13							
		7		7	---	---							
		10		10	---	---							
56.0	Gray, fine to coarse SAND, trace fine to medium gravel, wet	8		2	---	12							
55.7	Gray CLAY, moist	2		2	125	29							
55.4		2		2	B	---							
	Boring terminated at 4.72 m	5											

GENERAL NOTES
 Begin Drilling 08-21-2001 Complete Drilling 08-21-2001
 Drilling Contractor Contract Drilling Co. Drill Rig CME 45
 Driller B. Wolf Logger B. Wolf Checked by
 Drilling Method 6-inch HSA

WATER LEVEL DATA
 While Drilling ∇ 3.35 m
 At Completion of Drilling ∇ 2.87 m
 Time After Drilling 48 hours
 Depth to Water ∇ 2.50 m
 The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.

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BORING LOG RB-22
 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 60.13 m
 North m
 East m
 Station 10+335.6
 Offset 8.8L

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Qu (MPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Qu (MPa)	Moisture Content (%)
59.9	25.4 centimeter thick ASPHALT; 8-inch thick GRAVEL BASE --PAVEMENT and BASE COURSE--												
59.7	Brown, gray and black SILTY CLAY, little coarse to fine sand with black silty clay @0.76m feet	1	6	479	21								
		2	8	B	26								
59.1	Brown SILTY CLAY and coarse to fine SAND	2		2	---	---							
		3		3	163	16							
		6		6	B	---							
58.5	Brown, coarse to fine SAND and coarse to fine GRAVEL, trace silt	2		11	---	---							
		4		11	---	6							
		8		8	---	---							
		9		9	---	---							
		11		11	---	8							
		8		8	---	---							
		9		9	---	---							
56.0	Gray, coarse to fine SAND, little coarse to fine gravel	10		15	9								
		9		9	---	---							
55.7	Gray SILTY CLAY, trace coarse to fine sand	7		6	---	---							
		8		8	96	23							
		5		5	P	---							
	Boring terminated at 4.72 m	5											

GENERAL NOTES
 Begin Drilling 08-23-2001 Complete Drilling 08-23-2001
 Drilling Contractor Contract Drilling Co. Drill Rig CME 45
 Driller R. Wolf Logger J. Dalton Checked by
 Drilling Method 6-inch HSA

WATER LEVEL DATA
 While Drilling ∇ 3.35 m
 At Completion of Drilling ∇ 2.93 m
 Time After Drilling 96 hours
 Depth to Water ∇ 2.93 m
 The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.

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