

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 337 (IL 22)	19R-1	LAKE	800	578
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG RW 5-9
WEI Job No.: 119-01-01
Datum: NGVD
Elevation: 265.64 m
North: 613458.96 m
East: 319796.83 m
Station: 8+833.682
Offset: 12.6943 RT

Client: URS Corporation
Project: Rte.22 (FAP 337) Realignment, IDOT D-91-326-00
Location: Lake County, Illinois

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blow/150 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blow/150 mm)	Cu (kPa)	Moisture Content (%)
265.64	102-mm thick ASPHALTIC CONCRETE --PAVEMENT--	0						265.64		0					
265.64	102-mm thick CRUSHED STONE --BASE COURSE--	0.1						265.64		0.1					
265.64	Very stiff to hard, brown and gray SILTY CLAY, trace gravel	0.1						265.64		0.1					
265.64		1	1	4	228	26		265.64		1	11	4	120	18	
265.64		2	2	7	412	14		265.64		2	12	4	220	20	
265.64		3	3	12	399	18		265.64		3	13	0	27	8	
265.64		4	4	8	551	21		265.64		4	13	3	267	17	
265.64		5	5	6	393	16		265.64		5	14	3	110	16	
265.64		6	6	7	400	16		265.64		6	14	3	110	16	
265.64		7	7	10	440	17		265.64		7	15	3	165	18	
265.64	Stiff to very stiff, gray SILTY CLAY, little gravel	7	8	9	331	18		265.64		8	15	4	185	18	

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WEI Job No.: 119-01-01
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265.64	102-mm thick ASPHALTIC CONCRETE --PAVEMENT--	0						265.64		0					
265.64	102-mm thick CRUSHED STONE --BASE COURSE--	0.1						265.64		0.1					
265.64	Very stiff to hard, brown and gray SILTY CLAY, little gravel	0.1						265.64		0.1					
265.64		1	1	4	330	20		265.64		1	11	4	330	17	
265.64		2	2	8	651	16		265.64		2	12	3	267	19	
265.64		3	3	9	614	16		265.64		3	13	2	204	20	
265.64		4	4	12	559	18		265.64		4	13	2	45		
265.64		5	5	10	795	17		265.64		5	14	2	165	16	
265.64		6	6	11	653	17		265.64		6	14	2	46		
265.64		7	7	12	487	19		265.64		7	15	5	17	267	16
265.64		8	8	11	519	17		265.64		8	15	5	20		
265.64		9	9	7	335	20		265.64		9	16	4	172	23	
265.64		10	10	5	142	21		265.64		10	16	4	172	23	
265.64	Stiff to hard, gray SILTY CLAY, little gravel	10						265.64		10					
265.64		11						265.64		11					
265.64		12						265.64		12					
265.64		13						265.64		13					
265.64		14						265.64		14					
265.64		15						265.64		15					
265.64		16						265.64		16					
265.64		17						265.64		17					
265.64		18						265.64		18					
265.64		19						265.64		19					
265.64		20						265.64		20					
265.64		21						265.64		21					
265.64		22						265.64		22					
265.64	Boring terminated at 19.81 m	19.81						265.64		19.81					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-30-2002	Complete Drilling	01-30-2002	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling, Inc.	Drill Rig	CME 75	At Completion of Drilling	∇	DRY	
Driller	K & C	Logger	H.M. Suhail	Time After Drilling	NA		
Checked by	E. Datz			Depth to Water	∇	NA	
Drilling Method	3.25" ID HSA; Boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG RW 5-10
WEI Job No.: 119-01-01
Datum: NGVD
Elevation: 265.60 m
North: 613459.60 m
East: 319812.10 m
Station: 8+848.229
Offset: 14.0845 RT

Client: URS Corporation
Project: Rte.22 (FAP 337) Realignment, IDOT D-91-326-00
Location: Lake County, Illinois

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blow/150 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample No.	N Values (blow/150 mm)	Cu (kPa)	Moisture Content (%)
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265.64	Very stiff to hard, brown and gray SILTY CLAY, little gravel	0.1						265.64		0.1					
265.64		1	1	4	330	20		265.64		1	11	4	330	17	
265.64		2	2	8	651	16		265.64		2	12	3	267	19	
265.64		3	3	9	614	16		265.64		3	13	2	204	20	
265.64		4	4	12	559	18		265.64		4	13	2	45		
265.64		5	5	10	795	17		265.64		5	14	2	165	16	
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265.64		8	8	11	519	17		265.64		8	15	5	20		
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265.64		13						265.64		13					
265.64		14						265.64		14					
265.64		15						265.64		15					
265.64		16						265.64		16					
265.64		17						265.64		17					
265.64		18						265.64		18					
265.64		19						265.64		19					
265.64		20						265.64		20					
265.64		21						265.64		21					
265.64		22						265.64		22					

GENERAL NOTES				WATER LEVEL DATA			
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Drilling Contractor	Patrick Drilling, Inc.	Drill Rig	CME 75	At Completion of Drilling	∇	DRY	
Driller	K & C	Logger	H.M. Suhail	Time After Drilling	NA		
Checked by	E. Datz			Depth to Water	∇	NA	
Drilling Method	3.25" ID HSA; Boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

BORING LOGS

Date	Designed	ACW	F.A.P. RTE. 337 (IL. RTE. 22) SECTION 19R-1 WEST OF U.S. 12 TO EAST OF BEUSCHING ROAD LAKE COUNTY STATION 8+752.493 TO 8+883.521 STRUCTURE NO. 049-WQ29	Sheet No.
Revisions	Drawn	BKN		19
	Checked	KWB		of 23
	Approved	KWB		
				URS Job No. 2.100001385.01