

W Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
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 Telephone: 630-953-9928
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BORING LOG B-01 Page 1 of 1
 WEI Job No.: 790-08-01
 Datum: NGVD
 Elevation: 5.25 ft - **681.25 ft**
 North: 9993.50 ft
 East: 9992.00 ft
 Station: 1+08
 Offset: 10.5 LT

Client: **TranSystems**
 Project: **Arlington Heights Pedestrian Underpass**
 Location: **Arlington Heights, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Cu (tsf)	Moisture Content (%)
3.8	Very stiff, black CLAY LOAM --TOPSOIL--								Boring terminated at 25.00 ft						
2.3	Loose, brown coarse SAND --FILL--	1		1	4.00	2.00	16								
0.3	Very stiff, black and gray, gravelly CLAY --FILL--	5		2	6.00	2.00	18								
5.3	Medium stiff to stiff, gray SANDY CLAY LOAM --FILL--	10		3	3.00	1.25	28								
	--LL=25%, PL=20%--			4	0.00	0.90	17								
12.8	Very stiff to hard, gray CLAY	15		5	11.00	5.33	16								
		20		6	10.00	3.69	18								
		25		7	16.00	2.00	18								
	Stiff to very stiff, gray CLAY	30		8	7.00	1.39	14								
		35		9	6.00	2.33	20								
		40		10	5.00	1.23	22								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-01-2004	Complete Drilling	03-01-2004	While Drilling	<input checked="" type="checkbox"/>	DRY	
Drilling Contractor	Patrick	Drill Rig	CME-75 TMR	At Completion of Drilling	<input checked="" type="checkbox"/>	DRY	
Driller	K&J	Logger	Y. Shiu	Time After Drilling		NA	
Drilling Method	3.25" ID HSA; Boring backfilled upon completion			Depth to Water	<input checked="" type="checkbox"/>	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG B-02 Page 1 of 1
 WEI Job No.: 790-08-01
 Datum: NGVD
 Elevation: 2.69 ft - **677.43 ft**
 North: 10017.50 ft
 East: 9894.33 ft
 Station: 2+05.67
 Offset: 17.5 RT

Client: **TranSystems**
 Project: **Arlington Heights Pedestrian Underpass**
 Location: **Arlington Heights, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Cu (tsf)	Moisture Content (%)
1.0	Loose, gray GRAVELLY SAND --FILL--								Boring terminated at 25.00 ft						
	Medium stiff, gray gravelly CLAY --FILL--	1		1	0.00	0.50	10								
		5		2	1.00	0.75	22								
3.5	Very stiff to hard, gray CLAY --LL=28%, PL=17%--	10		3	6.00	2.71	16								
		13		4	8.00	4.82	19								
	Medium dense, gray SILT	15		5	3.00	NP	16								
11.0	Medium dense, gray GRAVELLY SAND	20		6	15.00	NP	10								
		25		7	4.00	2.33	15								
	Medium stiff to very stiff, gray CLAY	30		8	6.00	0.90	23								
		35		9	4.00	2.33	20								
	Medium dense, gray SILT	40		10	6.00	NP	17								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-01-2004	Complete Drilling	03-01-2004	While Drilling	<input checked="" type="checkbox"/>	14.25 ft	
Drilling Contractor	Patrick	Drill Rig	CME-75 TMR	At Completion of Drilling	<input checked="" type="checkbox"/>	DRY	
Driller	K&J	Logger	Y. Shiu	Time After Drilling		NA	
Drilling Method	3.25" ID HSA; Boring backfilled upon completion			Depth to Water	<input checked="" type="checkbox"/>	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

DESIGNED	
CHECKED	RLP
DRAWN	DMG
CHECKED	RLP

BORING LOGS

PEDESTRIAN UNDERPASS CULVERT
 UNDER THE UNION PACIFIC RAILROAD
 COOK COUNTY
 M.P. 22.05 - HARVARD SUBDIVISION
 DOT NO. 176922D

TRANSYSTEMS CORPORATION

1051 PERIMETER DRIVE, SUITE 2025
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 TEL: (815) 635-9200
 FAX: (815) 635-9630

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