

**Wang Engineering, Inc.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
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**BORING LOG B-7**  
 WEI Job No.: 201-20-02  
 Client: McDonough and Associates, Inc.  
 Project: Plainfield - Naperville Road  
 Location: SEC. 13 & 14, T. 39N, R. 9E, Will County, Illinois

Datum: NGVD  
 Elevation: 651.50 ft  
 North: 15920.00 ft  
 East: 14.75 ft  
 Station: 159+20  
 Offset: 14.75 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
650.0	18-inch thick ASPHALT --PAVEMENT--								SANDY GRAVEL Boring terminated at 40 ft --AUGER REFUSAL--						
648.8	CRUSHED STONE AGGREGATE --BASE COURSE--	1	1	5 2 2	0.41 B	18									
646.6	Medium stiff, black SILTY CLAY, trace organic matter	2	2	2 3 2	0.75 P										
646.6	Medium stiff, gray CLAY LOAM with interbedded sand lenses	3	3	1 1 3	0.74 B	11									
642.8	Medium dense, brown and gray coarse SAND	4	4	3 7 7	NP	7									
		5	5	3 8 9	NP	14									
		6	6	13 11 7	NP	21									
		7	7	5 10 8	NP	11									
635.5	Very stiff, gray CLAY	8	8	3 5 8	3.12 B	21									
630.5	Medium dense to very dense, gray, gravelly SILTY LOAM	9	9	5 7 6	NP	10									
627.3	Very dense, brown and gray	10	10	50/4	NP	10									

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-10-2003	Complete Drilling	11-10-2003
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV
Driller	K & P	Logger	J. Kasnick
Checked by		Depth to Water	NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion	Time After Drilling	NA
		While Drilling	10.50 ft
		At Completion of Drilling	7.00 ft

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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**BORING LOG B-8**  
 WEI Job No.: 201-20-02  
 Client: McDonough and Associates, Inc.  
 Project: Plainfield - Naperville Road  
 Location: SEC. 13 & 14, T. 39N, R. 9E, Will County, Illinois

Datum: NGVD  
 Elevation: 655.00 ft  
 North: 15803.00 ft  
 East: 17.33 ft  
 Station: 158+03  
 Offset: 17.33 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
654.2	10-inch thick ASPHALT --PAVEMENT--								Medium dense, gray gravelly SILTY LOAM	11	11	10 6 12	4.92 B	15	
652.8	CRUSHED STONE AGGREGATE --BASE COURSE--	1	1	4 2 3	NP	13			Very dense, gray SANDY GRAVEL	12	12	50/2	NP	10	
647.0	Loose to medium dense, brown SILTY LOAM	2	2	2 7 7	NP	13			WEATHERED BEDROCK Boring terminated at 28.73 ft --AUGER REFUSAL--						
645.5	Very stiff to hard, brown and gray SILTY CLAY LOAM with interbedded sand lenses	3	3	8 8 11	4.50 P	9									
645.5	Medium dense to dense, brown and gray, coarse SAND	4	4	3 15 17	2.30 S	10									
		5	5	6 6 10	NP	13									
		6	6	17 13 14	NP	21									
		7	7	6 9 13	NP	14									
		8	8	5 12 13	NP	17									
		9	9	5 10 8	NP	12									
630.8	Very stiff to hard, gray CLAY	10	10	3 5 7	3.36 B	21									

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-10-2003	Complete Drilling	11-10-2003
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV
Driller	K & P	Logger	J. Kasnick
Checked by		Depth to Water	NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion	Time After Drilling	NA
		While Drilling	10.50 ft
		At Completion of Drilling	10.00 ft

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DRAWING ID: H:\03023\STRUCT\BORING LOGS3.DWG  
 PLOT DATE: 12/21/06 BY: jehart

NOTES:  
 SEE SHEET S-01 FOR PLAN LOCATIONS.

NO.	DATE	REVISION	BY

WILL COUNTY DEPARTMENT OF HIGHWAYS  
 PLAINFIELD-NAPERVILLE ROAD (C.H. 14)  
 ROADWAY RECONSTRUCTION  
 RETAINING WALL  
 SOIL BORING LOG

**McDonough Associates Inc.**  
 Engineers/Architects

DESIGNED BY: JCE  
 CHECKED BY: AWW  
 DRAWN BY: JCE

SCALE:  
 N.T.S.