PROJECT Monument Foundations, I-290 & Mannheim Road Interchange, Hillside, IL
CLIENT Hanson Professional Services, Inc., Oak Brook, Illinois
BORING 2 DATE STARTED 10-18-11 DATE COMPLETED 10-18-11 JOB L-76,423
ELEVATIONS
GROUND SURFACE
END OF BORING
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 33.0'
▽ AT END OF BORING Wash
▼ 24 HOURS

DEPTH BELOW SURFACE IN FEET	ELEVATION IN FEET	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
										FILL - Black clayey TOPSOIL (OL)
		1	SS	25	15.0	4.0+*	117	2.5		FILL - Brown silty CLAY, little sand, trace gravel, trace Asphalt and Concrete pieces, moist (CL)
5		2	SS	25	7.6			5.0		FILL - Brown silty SAND and crushed CONCRETE, little Asphalt pieces, moist
		3	SS	24	9.6					
10		4	SS	15	18.0	4.5+*	122			FILL - Brown silty CLAY, little sand, trace gravel, moist (CL)
		5	SS	18	16.5	4.5+*	113			
15		6	SS	10	18.8	1.0*		12.5		Stiff to tough brown sandy CLAY, trace gravel, very moist (CL-ML)
		7	SS	16	19.5	4.5+*		15.5		Hard brown silty CLAY, little sand, trace gravel, moist (CL)
20		8	SS	7	10.4	1.25*		18.0		Tough to very tough gray sandy CLAY, trace gravel, moist (CL-ML)
25		9	SS	8	12.1	2.75*				
		10	SS	40	9.5	4.5+*		27.5		Hard gray very silty CLAY, little sand, trace gravel, occasional Cobbles and Boulders, moist (CL-ML)
30		11	SS	57-30/2"	9.6	4.5+*		32.2		▼ Weathered/Fractured Bedrock or Possible Boulder Zone (Hard Drilling)
35		12	SS	100/0"				32.9		
40										

DRILL RIG NO. 315
Divisions between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.
Page 1 of 2

PROJECT Monument Foundations, I-290 & Mannheim Road Interchange, Hillside, IL
CLIENT Hanson Professional Services, Inc., Oak Brook, Illinois
BORING 2 DATE STARTED 10-18-11 DATE COMPLETED 10-18-11 JOB L-76,423
ELEVATIONS
GROUND SURFACE
END OF BORING
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 30.0'
▽ AT END OF BORING Wash
▼ 24 HOURS

DEPTH BELOW SURFACE IN FEET	ELEVATION IN FEET	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40			CORE							
45										End of Boring at 44.0'
50										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.
55										
60										
65										
70										
75										
80										

DRILL RIG NO. 315
Divisions between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.
Page 2 of 2

PROJECT Monument Foundations, I-290 & Mannheim Road Interchange, Hillside, IL
CLIENT Hanson Professional Services, Inc., Oak Brook, Illinois
BORING 4 DATE STARTED 10-18-11 DATE COMPLETED 10-18-11 JOB L-76,423
ELEVATIONS
GROUND SURFACE
END OF BORING
WATER LEVEL OBSERVATIONS
▼ WHILE DRILLING 28.0'
▽ AT END OF BORING Wash
▼ 24 HOURS

DEPTH BELOW SURFACE IN FEET	ELEVATION IN FEET	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.5		FILL - Black clayey TOPSOIL (OL)
		1	SS	15	18.4	4.5+*	111	3.0		FILL - Brown silty CLAY, little sand and gravel, moist (CL)
5		2	SS	8	7.6			5.5		FILL - Brown silty SAND and crushed CONCRETE, little brick pieces, trace clay, damp
		3	SS	12	17.4	1.25*	112	8.0		FILL - Brown silty CLAY, trace sand and gravel, little crushed Concrete, moist (CL)
10		4	SS	9	14.2	1.25*	114			FILL - Brown and black silty CLAY, little sand, trace gravel, trace organic, moist (CL)
		5	SS	6	17.9	0.75*	110			
15		6	SS	4	16.1	0.75*	109	15.5		FILL - Brown and gray silty CLAY, little sand, trace gravel, moist (CL)
		7	SS	6	15.1	2.0*	116			
20		8	SS	9	19.7	1.5*	115	22.0		Tough gray very silty CLAY, little sand and gravel, very moist (CL)
25		9	SS	6	9.8	1.5*		25.5		▼ Weathered/Fractured Bedrock or Possible Boulder Zone (Hard Drilling)
		10a	SS	100/0"				30.0		
30		10b	SS	100/0"						
35		11	SS	100/0"						End of Boring at 35.0'
40										* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DRILL RIG NO. 315
Divisions between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

USER NAME = Peter618-0	DESIGNED DWP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - DWP	REVISED -	
PLOT SCALE = 40.2002 ' / in.	CHECKED - AHN	REVISED -	
PLOT DATE = 12/18/2012	DATE - 12/17/2012	REVISED -	

VILLAGE OF HILLSIDE
MANNHEIM ROAD STREETSCAPE & I-290 BRIDGE IMPROVEMENTS
SOIL BORING LOGS
SCALE: AS SHOWN | SHEET NO. 12 OF 12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	06-00045-00-LS	COOK	12	12
		CONTRACT NO. 63783		
	ILLINOIS			

FILE NAME = c:\projects\work\plans_data\data\95770818.07\760_IL2852-SoilBoring-Logs-2.dgn
USER NAME = Peter618-0
PLOT SCALE = 40.2002 ' / in.
PLOT DATE = 12/18/2012
DESIGNED - DWP
DRAWN - DWP
CHECKED - AHN
DATE - 12/17/2012