S.A.M. Consultants, Inc.

Geotechnical Engineering & Materials Testing
DBE/MBE Firm

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Telephone: 630-424-1200
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BORING NUMBER B-3

PAGE 1 OF 1

CLIENT Hutchison Engineering, Inc. | PROJECT NAME Renwick Road Over DuPage River Project
PROJECT NUMBER SAM-2005-GT-003 | PROJECT LOCATION Renwick & River Roads, Plainfield, Will County, IL
DATE STARTED 4/18/05 | COMPLETED 4/18/05 | GROUND ELEVATION 593.52 ft Plans | HOLE SIZE 8" diameter
DRILLING CONTRACTOR C.S. Drilling / Hollow Stem Augers & Mud Rotary | GROUND WATER LEVELS:
DRILLING METHOD | ▽ AT TIME OF DRILLING 11.0 ft / Elev 582.5 ft
LOGGED BY Adam | CHECKED BY AR | ▼ AT END OF DRILLING 5.0 ft / Elev 588.5 ft
NOTES Renwick Road - Station 118+52.00: 22.00' Left / North | AFTER DRILLING —

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		TOPSOIL - 4" surface layer SANDY CLAY LOAM; brown to gray; moist to wet; soft to medium stiff; A-3	SS 1	78	2-2-3 (5)	0.25						
			SS 2	67	4-7-8 (15)	1.25						
5		SANDY LOAM: gray; moist to wet; stiff to very stiff; A-2	SS 3	67	7-14-11 (25)	—						
		SAND with gravel and broken pieces of limestone; yellow brown; saturated; very dense to hard: A-3	SS 4	44	17-100/3"	—						
10		BROKEN LIMESTONE with sand & gravel: hard to very hard:										
		LIMESTONE: light gray with dark gray laminations; broken; flakey;	RC 1	90	(21)							
15		SHALE inclusions in Limestone: dark gray; very broken LIMESTONE: brownish gray to light gray; broken & laminar:	RC 2	88	(25)							
20		Less broken Limestone below 19'; light gray to white										
		Bottom of hole at 21.0 feet.										

GEOTECH 8H COLUMNS 2005003-RENWICK ROAD BRIDGE IMPROVEMENT.GPJ GINT US LAB.GDT 6/9/05

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BORING NUMBER B-4

PAGE 1 OF 1

CLIENT Hutchison Engineering, Inc. | PROJECT NAME Renwick Road Over DuPage River Project
PROJECT NUMBER SAM-2005-GT-003 | PROJECT LOCATION Renwick & River Roads, Plainfield, Will County, IL
DATE STARTED 4/18/05 | COMPLETED 4/18/05 | GROUND ELEVATION 592.55 ft Plans | HOLE SIZE 8" diameter
DRILLING CONTRACTOR C.S. Drilling / Hollow Stem Augers & Mud Rotary | GROUND WATER LEVELS:
DRILLING METHOD | ▽ AT TIME OF DRILLING 9.0 ft / Elev 583.6 ft
LOGGED BY Adam | CHECKED BY AR | ▼ AT END OF DRILLING 3.0 ft / Elev 589.6 ft
NOTES Renwick Road - Station 119.58.00: 22.00' Right / South | AFTER DRILLING —

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		4" Layer of TOPSOIL & Gravel; dark gray; moist; SANDY CLAY LOAM; gray; wet; soft to very soft; A-4	SS 1	33	2-2-2 (4)	—						
			SS 2	56	0-0-1 (1)	0.25						
5		SANDY LOAM; pieces of rock mixed; gray; saturated; dense to very dense	SS 3	67	1-8-16 (24)	—						
		LIMESTONE: light gray with gray laminations; broken and flakey; hard to very hard;	SS 4	67	50/2"	—						
10			RC 1	95	(27)							
15		SHALE Layer between 14.5' and 15.33' LIMESTONE; light gray to white; less broken;	RC 2	95	(28)							
		Bottom of hole at 19.8 feet.										

GEOTECH 8H COLUMNS 2005003-RENWICK ROAD BRIDGE IMPROVEMENT.GPJ GINT US LAB.GDT 6/9/05

DESIGNED	JDH
CHECKED	BAN
DRAWN	TC
CHECKED	JDH

25458058

SOIL BORINGS
STRUCTURE NO. 099-4105

SHEET NO. 58	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
60 SHEETS	TR 55	90-16103-01-BR	WILL	255	202
		SN 099-4105	CONTRACT NO. 83126		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-		