PROJECT Gridley Township Bridge 057-4606, Section 09-18131-00-BR

CLIENT McLean Co. Hwy. Dept., 102 S. Towanda Barnes Road, Bloomington, IL 61705

BORING G-1 DATE STARTED 6-22-10 DATE COMPLETED 6-22-10 JOB L-75,241

ELEVATIONS

GROUND SURFACE 100.0 725.4 USGS

END OF BORING 50.0 675.4

WATER TABLE

▼ WHILE DRILLING 7.0'

▽ AT END OF BORING 7.0'

▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								Aggregate Shoulder
1	SS	2	5.7			3.0	722.4 97.0	Soft dark brown silty CLAY, trace sand, very moist (CL)
2	SS	3	35.9	0.5*		6.0	719.4 94.0	▼ Soft brown-gray silty CLAY, trace sand, very moist (CL)
3	SS	4	31.5	0.5*		8.0	717.4 92.0	Loose brown sandy SILT, moist (ML)
4	SS	6	20.5			11.0	714.4 89.0	Firm gray fine to medium SAND, saturated (SP)
5	SS	13				15.0	710.4 85.0	Loose gray clayey SAND, saturated (SC)
6	SS	12				18.0	707.4 82.0	Firm gray silty fine to medium SAND, saturated (SM)
7	SS	6				21.0	704.4 79.0	Very tough gray silty CLAY, trace sand and gravel, moist (CL)
8	SS	13				23.0	702.4 77.0	Firm gray clayey SILT, trace sand, moist (ML)
9	SS	11	14.2	3.20 3.5*		25.0	700.4 75.0	Tough gray silty CLAY, trace sand, moist (CL)
10	SS	21	18.6			27.0	698.4 73.0	Loose gray sandy SILT, moist (ML)
A 11	SS	13	23.5	1.64		30.0	695.4 70.0	Firm gray silty SAND, saturated (SM)
B 12	SS	7	20.4			35.0	690.4 65.0	Hard gray sandy CLAY, trace gravel, moist (CL)
13	SS	11						
14	SS	38	11.1	4.5+*				
15	SS	67	8.8	8.82 4.5+*				
16	SS	76	7.3	14.58 4.5+*				

End of Boring at 50.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET

DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

BORING G-1

PROJECT Gridley Township Bridge 057-4606, Section 09-18131-00-BR

CLIENT McLean Co. Hwy. Dept., 102 S. Towanda Barnes Road, Bloomington, IL 61705

BORING G-2 DATE STARTED 6-22-10 DATE COMPLETED 6-22-10 JOB L-75,241

ELEVATIONS

GROUND SURFACE 99.6 725.0

END OF BORING 49.6 675.0

WATER TABLE

▼ WHILE DRILLING 13.0'

▽ AT END OF BORING 13.0'

▼ 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	3	19.4	0.5*				Soft to stiff dark brown silty CLAY, trace sand, moist to very moist (CL)
2	SS	6	34.6	0.75*			719.0	
3	SS	4	37.4	0.5*		6.0	93.6	Soft brown-gray silty CLAY, trace sand, very moist (CL)
4	SS	11	10.3	2.0*		8.0	717.0 91.6	Very tough brown sandy CLAY, moist (CL)
5	SS	18				11.0	714.0 88.6	Firm gray fine to medium SAND, saturated (SP)
6	SS	8	20.6			13.0	712.0 86.6	▼ Loose gray sandy SILT, moist (ML)
7	SS	8	19.8					
8	SS	6	20.0				704.0	
9	SS	6				21.0	78.6	Loose to firm gray fine to medium SAND, saturated (SP)
10	SS	6						
11	SS	8						
12	SS	10				33.0	692.0 66.6	Loose to firm gray silty SAND, trace gravel, saturated (SM)
13	SS	9						
14	SS	15				42.0	683.0 57.6	Hard gray sandy CLAY, trace gravel, moist (CL)
15	SS	41	10.8	4.47 4.5*				
16	SS	41	10.3	5.66 4.5+*				

End of Boring at 50.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET

DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

BORING G-2

FILE NAME = 090141-sht-bridge.dgn	USER NAME =	DESIGNED - D.W.T.	REVISED -	STATE OF ILLINOIS McLEAN COUNTY HIGHWAY DEPARTMENT
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000569		CHECKED - S.W.M.	REVISED -	
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -	
	PLOT DATE = 10/20/2011	CHECKED - S.W.M.	REVISED -	

BORINGS
STRUCTURE NO. 057-4624
SHEET NO. 8 OF 8 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25	09-18131-00-BR	McLEAN	20	20
GRIDLEY ROAD DISTRICT		CONTRACT NO. 91450		
	ILLINOIS	FED. AID PROJECT BROS-0113(033)		