

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
238	01-00130-00-BR	HENRY	14	14
F.H.W.A. REG.		ILLINOIS	PROJECT	

Surface	D	N	Qu	Mc	DESCRIPTION
193.8					7" Dark brown/black clayey TOPSOIL, moist
	7	1.5P	26.6		3.0' Tough dark brown SILTY CLAY, moist
5	12	1.25P	23.0		6.0' Tough brown/gray SILTY CLAY, moist
	5	0.75P	31.2		
10	4	0.75P	33.4		11.0' Stiff dark brown SILTY CLAY, very moist
	3	0.58B	37.8		
15	4	0.95B	32.2		16.0' Soft to stiff gray SILTY CLAY LOAM, very moist
	4	0.87B	35.1		
20	2	-	31.7		18.0' Stiff brown SILTY CLAY, very moist
	2	0.37B	32.6		20.5' Very loose gray SILT, very moist
25	0	-	43.2		23.0' Soft gray SILTY CLAY LOAM, very moist
	4	-	33.5		28.5' Very loose gray SILTY LOAM, very moist
30	5	-	30.6		
35	6	-	32.3		38.5' Loose gray SILT, very moist
40	26	-	-		
					42.0' Firm gray SANDY LOAM, saturated
45	17	-	23.9		50.0' Firm gray SILT, very moist
50	10	-	27.5		
55	2	-	31.4		58.5' Very loose gray SILT, very moist
60	41	-	29.4		
65	16	-	-		60.0' Dense gray SILT, very moist
70	11	1.44	19.8		68.5' Firm gray SANDY LOAM, saturated
	50/5"	-	-		72.0' Tough brown/gray SILTY CLAY, moist
75					73.9' Very dense gray SHALE
80					Auger Refusal @ 73.9'


BORING NO. B-1
Sta. 102+52, 30' Lt.

Surface	D	N	Qu	Mc	DESCRIPTION
194.7					3.5' FILL - Dark brown SILTY CLAY, moist
5	5	2.25P	19.6		6.0' Very tough brown SILTY CLAY, moist
	6	2.5P	19.4		
10	4	1.25P	30.5		8.5' Tough brown SILTY CLAY, moist
	4	0.75P	31.4		
15	4	0.79B	35.5		15.5' Stiff to soft brown SILTY CLAY LOAM, very moist
	3	0.54B	38.3		
20	3	0.41B	34.8		23.0' Soft gray SILTY CLAY LOAM, very moist
	3	0.21B	31.8		
25	4	0.54B	34.3		25.0' Very loose gray SILT, moist
	3	-	29.1		
30	3	-	30.9		38.5' Very loose gray SILT, very moist
35	3	-	23.6		
40	21	-	-		43.0' Firm brown SANDY LOAM, saturated
45	10	-	-		
50	6	-	20.8		47.0' Firm brown/gray SANDY LOAM, saturated
55	7	-	25.1		53.5' Loose brown/gray SILTY LOAM, very moist
60	4	-	-		57.0' Loose gray SILT, very moist
65	81	-	-		62.0' Very loose brown SANDY CLAY LOAM, saturated
70	46	-	-		72.0' Very dense to dense SANDY CLAY LOAM, saturated
75	30	-	-		77.0' Dense brown SANDY LOAM, saturated
80	77/11"	-	15.2		79.4' Very dense gray weathered SHALE
					Auger Refusal @ 79.4'

BORING NO. B-2
Sta. 104+09, 16' Rt.

BORING DATA

- N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 lb. hammer falling 30"
- Qu - Unconfined Compression Strength - Tons/Sq.Ft.
- Mc - Water Content - Percentage of oven dry weight - %
- D - Depth
- P - Penetrometer
- B - Bulge Failure
- S - Shear Failure
- E - Estimated Value

DESCRIPTION	
DATE	
REVISION	
PROJECT TITLE	HENRY COUNTY BRIDGE
	SECTION 01-00130-00-BR (FAS 1232)
SHEET TITLE	BORING LOGS
	
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RES. KEB	
DRN. JAB	
CHK. KEB	
APP. KEB	
PROJECT NO.	07066
DATE	03.01.07
SHEET	13
OF 13 SHEETS	