

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MARION	17	17B
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- VARIOUS ROUTES
- D7 SIGNAL MODERIZATION 2006-2



SOIL BORING LOG

ROUTE US 51 DESCRIPTION NB US 51 & Broadway - NW Corner LOGGED BY E. Sandschafer

SECTION D7 Signal Modification 2006-2 LOCATION SE 14, SEC. 7, TWP. 1 N, RNG. 1 E, 3 PM

COUNTY Marion DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. <u>gINT File</u>	D	B	U	M	Surface Water Elev. <u>NA</u> ft	D	B	U	M
Station <u>061-ts02</u>	E	L	C	O	Stream Bed Elev. <u>NA</u> ft	E	L	C	O
BORING NO. <u>1</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>*</u>	T	W	S	S	First Encounter <u>Dry</u> ft	T	W	S	S
Offset <u>18.00ft W of US 51 CL</u>	H	S	Qu	T	Upon Completion <u>Hole Caved</u> ft	H	S	Qu	T
Ground Surface Elev. <u>492.90</u> ft	(ft)	(6")	(tsf)	(%)	After <u>NA</u> Hrs.	(ft)	(6")	(tsf)	(%)

4" Asphalt on 10 1/2" Concrete pavement.	491.70				Very stiff, very moist, gray, soapy, CLAY SHALE. (continued)	471.90	22	7.6	13
Soft to medium, damp, gray, SILTY CLAY w/trace coarse gravel.		0		29	Extent of exploration.				
		2	0.5		Benchmark: BM305 = 497.58'				
		3	B		Provided by Program Development.				
	488.40				* Location B1: 37' N of Broadway Centerline, 18' W of NB US 51 Centerline.				
Stiff, damp, gray marbled red, SILTY LOAM.		2		22					
		3	1.2						
		3	B						
	485.60								
Soft, damp, red marbled gray, SILTY LOAM.		2		22					
		3	0.4						
		4	B						
	483.40								
Stiff, damp, red/gray, CLAY w/trace fine gravel.		2							
		3	1.4						
		4	B						
	479.90								
Stiff, damp, red, SANDY LOAM w/ fine gravel.		2							
		3	1.2						
		4	B						
	477.90								
Very stiff, very moist, gray, soapy, CLAY SHALE.		2		17					
		5	1.0						
		7	B						
		7							
		14	3.1	20					
		26	S						
		10							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE US 51 DESCRIPTION NB US 51 & Broadway - SE Corner LOGGED BY E. Sandschafer

SECTION D7 Signal Modification 2006-2 LOCATION SE 14, SEC. 7, TWP. 1 N, RNG. 1 E, 3 PM

COUNTY Marion DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. <u>gINT File</u>	D	B	U	M	Surface Water Elev. <u>NA</u> ft	D	B	U	M
Station <u>061-ts02</u>	E	L	C	O	Stream Bed Elev. <u>NA</u> ft	E	L	C	O
BORING NO. <u>2</u>	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station <u>*</u>	T	W	S	S	First Encounter <u>Dry</u> ft	T	W	S	S
Offset <u>54.00ft E of US 51 CL</u>	H	S	Qu	T	Upon Completion <u>Dry</u> ft	H	S	Qu	T
Ground Surface Elev. <u>492.61</u> ft	(ft)	(6")	(tsf)	(%)	After <u>NA</u> Hrs.	(ft)	(6")	(tsf)	(%)

10 1/2" Concrete Pavement.	491.81								
Stiff, damp, red/gray, CLAY.		3			Benchmark: BM305 = 497.58'				
		5	1.7	26	Provided by Program Development.				
		5	B		* Location B2: 22' S of Broadway Centerline, 54' E of NB US 51 Centerline.				
	488.40								
Stiff, damp, gray marbled red, SILTY LOAM.		2		23					
		3	0.6						
		4	B						
	485.60								
Soft, damp, red marbled gray, SILTY LOAM.		2		21					
		4	1.4						
		4	B						
	483.40								
Stiff, damp, red/gray, CLAY w/trace fine gravel.		2							
		3	1.6	26					
		4	B						
	479.90								
Stiff, damp, red, SANDY LOAM w/ fine gravel.		2		23					
		4	1.1						
		4	B						
	477.90								
Very stiff, very moist, red marbled gray, SILTY CLAY.		4		21					
		8	2.7						
		10	S						
	475.11								
Very stiff, very moist, gray, SILTY CLAY SHALE.		7		20					
		12	3.7						
		17	B						
	474.11								
Extent of exploration.									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

PLOT DATE = 5/24/2006
PLOT SCALE = AS SHOWN
USER NAME = sbbs127

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

NB U.S. 51 & BROADWAY

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

Added Sheet 5-31-06