CONTRACT NO. 72891
COUNTY TOTAL SHEET SHEETS NO. F.A.P. RTE. 304 SECTION 2(B-5,B-6) PIKE 112 59 STA. FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT

SN075-2508 Sheet II of II

Illinois Department of Transportation

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

	OI I FAINS Division of Highways IDOT District 6	oi tation					SOIL BOILING	LOU			Date	9/21/0	5
ROUTE FAP	304 (IL 96)	DESCRIPTION	_			IL 96 o	ver Brewster Creek		LOGGED	BY	1	М. Тарраг	1
SECTION _	2B-5	LO	CATION	, _	SW 1/4,	SEC. 26,	TWP. 5S, RNG. 6W, 4 PM						
COUNTY	Pike	DRILLING	METHO	OD			HSA H	AMMER TY	PE _		140#	Auto	
STRUCT. NO. Station BORING NO. Station Offset Ground Surface	075-003: 075-250: 404- 3 SE 4 404+ 13.0f: Elev.	8 Pr +21 Abut. 35	D E P T H	B L O W S	U C S Qu (tef)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: Very First Encounter Up Occupietion Very After Hrs.	486.0 486.0 446.9 Washed Plugged		D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
Dark Grey Moist LOAM (Fill)	SILTY CLAY			1 3 3	1.0 S-12	17	Brown Moist Coarse Cherty Limestone GRAVEL (continued)				2 7 9		
Brown Moist Com Limestone GRAVI		491.40		1 4 6			Brown Wet LOAM with Sand Loam Seams		469.40	-30	0 0 1	0.0 Slump	26
Brown Moist Coar Limestone GRAVI		486.40_	10 	1 7 7						30 			
				1 4 6						-35 	1 1	0.1 B	24
				1 4 3			Brown Medium Dirty SAND with some Limestone Gravel and Shale Inclusions	h	459.40		0 3 6		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)

Abbreviations W.O.H. — Sampler Advanced By Weight of Hammer, W.O.P. — Advanced by Weight of Pipe, B.S. — Before Seating

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)

Illinois Department of Transportation Division of Highwaye 1907 District 6	
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SOIL BORING LOG

Page <u>2</u> of <u>2</u>

	Division of Highways IDOT District 6						·					Date	9/21/0)5
ROUTE <u>FAP</u>	TE <u>FAP 304 (IL 96)</u> DESCRIPTION <u>IL 96 over l</u>			ver Brewster Creek	Brewster Creek			BY M. Ta		pan				
ECTION _	2B-5		LOC	ATION	· _	SW 1/4,	SEC. 26,	TWP. 5S, RNG. 6W, 4 PM						
COUNTY _	Pike	DRILLI	NG 1	METH	OD			HSA	HAMMER T	YPE		140#	Auto	
STRUCT. NO. Station	075-0039 075-2508 404+	Pr		D E P	B L O	U C 8	М О І	Surface Water Elev	486.0 486.0	ft ft	D E P	B L O	U C S	M O I
BORING NO.	3 SE A			T H	W S		S	Groundwater Elev.:			T	W		S
Station Offset	404+3 13.0ft L	t.				Qu (4-0	-	∇ First Encounter V Upon Completion	446.9 Washed	ft			Qu	_
Ground Surfac	e Elev. Dirty SAND with	496.9	ft	(ft)	<i>1</i> 6"	(tsf)	(%)	▼ After Hrs. Brown Coarse Limestone Grave	Plugged	ft	(ft)	<i>1</i> 6"	(taf)	(%)
srown measum some Limestone Shale Inclusions	Gravel and			_				and Broken Limestone Washed (continued)	a.		_			
ALLO IIAAMIOIN	(commutation)			_				Wanted (committee)			_			
				_				Drilled Crunchy 58 to 63 ft – Possible Limestone Boulder		433.90	_			
				_	1			Light Blue Grey Well Indurated Clayey SHALE	ļ		_	9		
Brown Medium	Clean Sand				4						_	59 41		10
				45	-						65	/2"		
				_							_			
											_			
											_			
					0			Blue Grey Very Poorly Indurat	ed		_	3 10		17
Free Water		Ā		60	1			Clayey Shale			70	17		
				_							_			
				_							_			
				_							_			
					1						_	6		
Washed				-55	4 5			Grey Moist Poorly to Moderate Indurated Clayey Shale	dy	421.90	-75	30 70		13
				00				Boring Completed Creek dry at time of drilling.		421.50	-75	/5°		
								and an amo or anning.			_			
				_				Refer Station to P.O.T. marked	on		_			
	imestone Gravel	43	8.90					pavement = 403+60.4 Station increasing to the South			_			
and Broken Lim Washed	estone			_	15 36			Refer Elevation to chisled squs on S.W. wingwall = 497.3 ft	ire		_			
				-60	35						-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)

Abbreviations W.O.H. – Sampler Advanced By Weight of Hammer, W.O.P. – Advanced by Weight of Pipe, B.S. – Before Seating

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)

ILLINOIS DEPARTMENT OF TRANSPORTATION BORING LOGS - 3 OF 3

ILLINOIS ROUTE 96 OVER
BREWSTER CREEK
FAP RTE 304 - SECT. 2(B-5,B-6)
PIKE COUNTY
STATION 404+21.51
STRUCTURE NO. 075-2508

SCALE: N/A DATE SEPT 2007 DRAWN BY JLS CHECKED BY DSP