## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Illinois De of Trans	partment portation of Highways neering	Ç	SOIL BORING	G LOG		1 of 3
ROUTE FAP Route 10	DESCRIPTION	IL Route	267 Bridge Replacemen Creek	t over Taylor		2 <u>/19, 27/200</u> 8 T <u>erra Drill/S</u> CI
SECTION 410BR-1	LOCATION	Rockbr	idge Township, SEC. 28	TWP. 10N, RNG, 10W		
COUNTY Greene DRIL	LING METHOD	C	ME 550 W/HSA	_ HAMMER TYPE	Auto	omatic
STRUCT. NO.         Existing 031-0018           Station         BORING NO.           BORING NO.         85-104           Offset         35 ft Lt.	- D B L P O T W H S	U M C O S I S Qu T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	f† f† f†	D B L P O T W H S	U M C O S I S S Qu T
Ground Surface Elev. 492,2	ft (ft) (/6") (	(†sf) (%)	Upon Completion After - Hrs. CLAY: Brown, high plo		(ft) (/6")	(tsf) (%)
SULTY CLAY: Brown low plastic, some sand (A-6)	1 2 2	0.3 26 P	sant, trace gravel (A-7) (continued)	astic, some	2 5 8	1.5 20 P
CLAYEY SILT: Brown, low plastic (A-4)  SAND: Brown, fine to medium (A-3)	489.2 2 487.7 1 -5 1	0.3 26 P			3 6 -25 7	1.0 19 S/10
CLAY: Brown, high plastic (A-7)	486.2	0.6 32 B	Grades to trace gravel	e sand and	3 4 6	1.5 20 S/10
CLAYEY SAND: Gray, fine to medium (A-2)	484.2	(0.25 28 P			2 7 -30 7	1.4 20 B
CLAY: Gray, high plastic, trace organics (A-7) SAND: Gray, fine to coarse trace	481.7	(0,25 42 P				
gravel (A-1) and CLAYEY SAND: Gray, fine to medium (A-2) CLAY: Brown, high plastic, some sand, trace gravel (A-7)	479,2	2.9 17 B			3 6 5	0.7 25 B
Becomes gray	3	1.3 18 B			35 5 	U
	2				3	

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

AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

of i	is Depart ransport Division of Highways SCI Engineering	ation	)		SOIL BORING LOG	Page	<u>2</u> of
ROUTEFAP_Route	10 DESCRI	PTION	IL R	oute	267 Bridge Replacement over Taylor Creek LOGGE		2 <u>/19, 27/</u> T <u>erra Dr</u>
SECTION 410	BR-1	LOCATIO	N R	ockbr	Idge Township, SEC. 28, TWP, 10N, RNG, 10W		
COUNTY Greene	DRILLING MET	HOD		C	ME 550 w/HSA HAMMER TYPE	Auto	omatic
STRUCT. NO.         Existing           Station         7           BORING NO.         B-           Station         85+4           Offset         35-4           Ground Surface Elev.	E P T H	L 0 W	U C S Qu	M 0 I S T	Surface Water Elev.	0 W	U C S Qu (tsf) (
CAY: Brown, high plastic, sand, trace gravel (A-7) (continued)			(1817	<i>VII</i>	After — Hrs. — ft   [ft   SAND: Brown, fine to medium, trace grave  (A-3) (continued) — 430.2   SILTY CLAY: Gray, low plastic, trace sand (A-6) — 430.2   Care and (A-6) —	7 (767)	(181)
Grades to trace org Mud rotary mixture/ added to augers at 45 fe	water	3 10 45 12	-	31		6 8 8 8	1.1 B
SAND: Brown, fine to med trace gravel (A-3)	445.2 lum, -	3 3	-		(A-3)	- B 16	- 1
		3				- 10	
		6 7 55 9	-	18	Grades to trace gravel  416.2	8 16 15 18	- !
	-				SAND: Brown, fine to medium, some slit, trace organics and coal (A-2)		
		6		29		10	- 2

The Unconfined Compressive Strength (UCS) Fallure Mode is indicated by (B-Buige, S-Shear, P-Penetrometer)
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of 1	is Depar- ransport Division of Highway SCI Engineering		)	SOIL BORIN	IG LOG	Page <u>3</u> of <u>1</u>
ROUTE FAP Route	10 DESCR	RIPTION		ute 267 Bridge Replaceme Creek	ent over Taylor LOGG	
SECTION 410	BR-1	LOCATIO	IN Ro	okbridge Township, SEC. 2	28, TWP. 10N, RNG. 10W	
COUNTY Greene	DRILLING ME	THOD		CME 550 W/HSA	HAMMER TYPE	Automatic
STRUCT. NO. <u>Existing (</u>	031-0016	D B E L P O	С	Surface Water Elev Stream Bed Elev.	ft	
BORING NO. B-1 Station 85+0 Offset 35 ft Ground Surface Elev.	14	T W H S f+) (/6")	Qu	Groundwater Elev.: First Encounter Upon Completion After Hrs.	483.7 ft.▼ ft ft	
SAND: Brown, fine to medi some silt, trace organics (A-2) (continued)	um.			ATTOL THIS.	.11	
SANDY CLAY: Brown, low plastic, some silt, gravel, ( (A-4)	410.2 and coal					
		16 20 -85 29	- :	15		
	406.2	$\dashv$				
Borehole continued with ro coring.	- -					
	-	90 				
		_				
	_					

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

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BBS, form 137 (Rev. 8-99)

Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: K-E-G DRAWN: SJS

CHECKED: DCD CHECKED: DCD

SOIL BORINGS (1 OF 3)

ILLINOIS 267 OVER

TAYLOR CREEK

STRUCTURE NO. 031-0043

SHEET 17	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
JIILL I II	10	410BR-1	GREENE	37	29
OF 19		STA. 85+20.50	CONTRACT	NO. 7	6B58
	FED. RO	AD DIST. NO. ILLINOIS FED. A	ID PROJECT		