

SOIL BODING LOC

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

Division of High SCI Engineering							Date	4/3-4	/2012			
ROUTE	FAP 312	DE	SCR	PTION	1 _ W	aterloc	Bypass - Shared Use Culvert Boring L	OGGI	ED BY	SCI	(JAS)	
SECTION	68-WRS	-1	[OCAT	ION _	NW 1/	4 of the NE 1/4, SEC. 36, TWP. 2S, RNG.	10W				
COUNTY	COUNTY Monroe DRIL		LING METHOD			CI	ME 750 w/HSA HAMMER TYPE	HAMMER TYPE		Automatic		
STRUCT. NO. Station	067 - 2427 2019+30	<u>'</u>	D E P	B L O	U C S	M 0 1	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	D E P	B L O	U C S	M 0 -	
Station Offset	B-204 2019+44 25 ft RT		H	W S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion 603.0 ft ▼ 603.5 ft ✓	H	W S	Qu	S T	
Ground Surf	ace Elev. 62	4.7 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion 603.5 ft √ After 22 Hrs. 619.7 ft √	(ft)	(/6")	(tsf)	(%)	
CRUSHED ROCK - 12 inches FILL: Brown and gray, silty clay,						CLAY: Gray, with iron stains and nodules, trace sand [A-7] (continued)	∀	4				
trace crushed [A-6]		, i		6 7	3.5 P	21	Becomes brownish gray, trace to no sand and gravel	<u> </u>	2	1.6 S/15	22	
FILL: Gray, si [A-4]	lit	() <u></u> ()(()		6	3.0		o no sand and graver		3	2.6		
	Brown, with Iron	·—·—·	<u>√</u> -5	5 6	S/10	20	With sand and gravel		5 7	B	22	
stains [A-6]	25		_				PS 800 0 8	_				
Becomes to iron stains	prown and gray, v	vith	_	2 3 4	1.2 S/15	26	Becomes gray, with sand, trace gravel	_	2 4 6	2.0 B	18	
Tuesdana	1		_						2)			
Trace sand	1			2 3 3	1.2 B	25	SAND: Gray, fine to medium,		1 3 9	1.8 B	18	
CLAY: Gray,	with iron stains a	nd					trace gravel	V				
nodules, trace [A-7]	sand			2 3 5	3.2 B	21	CLAY: Gray, with sand, trace	_				
			_				gravel and shale fragments [A-7]					
					1.5 S/2.3	20		-35	1 4 5	1.6 B	18	
With sand,	trace gravel			3 6 7	2.9 S/20	24		_				
			_					_				

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)

With sandstone fragments



SOIL BORING LOG

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

Date 4/3-4/2012

SECTION	68-WRS	-1	_ 1	OCAT	ION _	NW 1/	4 of the NE 1/4, SEC. 3	6, TWP. 2S, RNG. 10\	N
COUNTY	Monroe	DRILLING	ME	THOD		CI	ME 750 w/HSA	HAMMER TYPE	Automatic
STRUCT. NO Station	067-2427 2019+30	-71	D E P	B L O	U C S	M O I	Surface Water Elev Stream Bed Elev	N/A ft N/A ft	
BORING NO Station Offset	B-204 2019+44 25 ft RT		H	w s	Qu	S	Groundwater Elev.: First Encounter Upon Completion	603.0 ft ▼	
Ground Surfac		.7 ft	(ft)	(/6")	(tsf)	(%)	After 22 Hrs.		
CLAY: Gray, wit gravel and shale A-7] (continued,	fragments)		_						
Auger refusal at SANDSTONE:				50/4"		7			
Sampler refusal									
			E						
Boring grouted to	o 41.8 ft.								
			-45						
			_						
			_						
			-						
			-50						
			_						
			_						
			<u></u>						
			7-						
			-55						
			-55						
			_						
			_						
			-						
			_						
			_						
				-					
			-60						

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)

FILE	NAME = I:\1001100_Phase II - 7681
	■■HORNFR &
	HORNER & SHIFRIN, INC.
	ENGINEERS

Trace sand, gravel, and sandstone fragments

17\0	ad\S_Plans\0672427-76817.dgn	DESIGNED	-		REVISED
	USER NAME = elagemann	CHECKED	-		REVISED
	PLOT SCALE =	DRAWN	-	E.M. Lagemann	REVISED
	PLOT DATE = 1/25/2013	CHECKED	-	K.L. Hayes	REVISED

2.1 S/15

BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE!
STRUCTURE NO. 067-2427	312	68-WRS-1	MONROE	760	43
			CONTRACT	NO. 7	681
SHEET NO. 18 OF 20 SHEETS		ILLINOIS FED. AI	D PROJECT		