Illinois Department (construction) Solia Bornica Page 1 of 2 Date 2/19/14 Date 2/19/14 ROUTE Unmarked DESCRIPTION Brussels Ferry - Seawall LOGGED BY Diff. Section LOCATION _NW 1/4, SEC. 13, TWP, 6N, RNG. 14W, 3 PM LOGGED BY TSI (JP) Section LOCATION _NW 1/4, SEC. 13, TWP, 6N, RNG. 14W, 3 PM LOGGED BY TSI (JP) Section LOCATION _NW 1/4, SEC. 13, TWP, 6N, RNG. 14W, 3 PM LOGGED BY TSI (JP) Section LOCATION _NW 1/4, SEC. 13, TWP, 6N, RNG. 14W, 3 PM LOGGED BY TSI (JP) Stration Diff. U Will W Stratem Bad Eliev. ft B U No Stration D B U No Stratem Bad Eliev. ft F B U No POINTRO D B U No Stratem Bad Eliev. Ft F S S	Page 1 of 1 Date Cransportation Notice of transportation Brussels Ferry - Seawall LogGED BY SECTION Location NW 1/4, SEC. 13, TWP. 8N, RNG. 14W, 3 PM COUNTY Jersey DillLING METHOD Hollow Stem Auger HAMMER TYPE Automatic STRUCT. NO. P P M M Surface Water Elev. tt P STRUCT. NO. No	ROUTE
Brussels Ferry - Seawall LOGGED BY TSI (JP) SECTION LOCATION NW 1/4, SEC, 13, TWP. 6N, RNG. 14W, 3 PM COUNTY Jersey DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic STRUCT. NO. P L C O Stration ft D B U M Stration P U S Istream Bed Elev. ft P O S S	ROUTE Unmarked DESCRIPTION Brussels Ferry - Seawall LOGGED BY TSI (JP) SECTION LOCATION NW 1/4, SEC. 13, TWP. 6N, RNG. 14W, 3 PM COUNTY Jersey DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic STRUCT UD D B U M M	SECTIO
COUNTY Jersey DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic STRUCT. NO.	COUNTY Jersey DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic	
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Station E L C O Stream Bed Elev. ft E L C O Station P O S I P O S I		
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Station H S Qu T First EncounterH S Qu T	BORING NO T W S Groundwater Elev:: T W S Station H S Qu T First Encounter11.2_tt ¥ H S Qu T	BORING
Offset	Offset Ground Surface Elev. <u>ft</u> 429.2 <u>ft</u> (ft) <	Offset Groun
Limestone 427.8 CLAY (Alluvium) (continued) Trace Shells WH	Limstonces over of using 427.7 CLAY (Alluvium) (continued) WH	Asphalt Limestor
Brown and Gray (Medium Stiff, WH B	WH 0.43 69 Brown (Medium Stiff, Moist) Silty 1 B	Brown to Moist) S
A-4(1)	A-4(7) See Class @ 5 ft 3 Trace Gravel and Shells 1	A-4(8) See Cla
<u>6 4 S</u> <u>25 14</u>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Brown and Gray (Dense, Wet) SAND with Trace Shells 12	Gray (Medium Stiff, Moist) Sandy 3 Gray (Dense, Wet) SAND with 20	Gray (Sti
4 0.52 20 (Alluvium) 20 - 15 6 S See Gradation @ 26.5 ft 27 - 15	Au(0) 3 - 21 Limestone Pieces (Alluvium) 20 NC 15 See Class @ 7 ft 5 5 5 21 21 21	(Alluviun A-4(0) See Cla
421.3 Grav (Medium Stiff, Molst) Silty 2 IIMESTONE Piaces 400.8 50/1* - 1	421.2 401.2 Grav (Medium Stiff Moist) Silty 2 Weathered LIMESTONE 400.0 50/37 - 8	Gray (M
Gray (Medium Stift, Moist) Sitty 2 LIMEST GNE Pieces 400.3 50/17 - 1 CLAY (Alluvium) 3 0.95 30 Borehole continued with rock - - 1 -vp) 4 B corring. -:00 -:00 -:00 -:00 -:00	Gray (Medium Stift, Moist) Stifty 2 400.2 50/3 - 8 CLAY (Alluvium) 3 1.51 22 400.2 50/3 - 8	Gray (M CLAY (A
Soft WH 0.46 38	Very Soft WH 0.28 42	Soft
	WH	Very
<u>-15 2 8</u>		
▼ 1 2 0.82 28	WH WH 0.46 29	
1 0.16 30	WH WH WH 0.16 30	Soft
2 B	WH B	The Unc
The Oncommed Compressive strength (UCS) railine mode is indicated by (D-bugg, S-shear, P-reletormeter) 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)	The Oncommend Compressive strength (UCS) railure woode is indicated by (o-buge, 5-shear, P-Prefetometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T26) BBS, from 137 (Rev. 8-99)	The SPT
Structor. No. CORING BARREL TYPE & SIZE D C O I T Structor. No.	STRUCT. NO. D B U M Surface Water Elev. ft D B U M Station	COUNT STRUC Station BORING Station Offset Groun Gray, M to Media Shak
395.30 1 100 83 3		Hight
END OF BORING AND ROCK CORE	Brown (Medium Stiff, Moist) Silty 3 403.2 50/3*	END OF
	A-4(3) See Class @ 7 ft6 S	
	Gray 2 Auger Refusal - END OF BORING	
	-10 2 S	
40	Dark Gray (Soft, Moist) CLAY with WH	
	WH 0.33 30 WJ B	
	-15 3 B36	
	Gray (Soft, Moist) SILTY CLAY WH	
	WH B	
	- WH -	
	1 0.07 29	
Color pictures of the cores	The Unconfined Compressive Strangth (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)	Color pi Cores w
Cores will be stored for examination until	The of the table of the sufficient of the last two prior values in each sampling 2018 (AOST 10 1200).	Cores W
Cores will be stored for examination until	Ine SP1 (in value) is the sum of the last two blow values in each sampling zone (AASHIU 1206) BBS, from 137 (Rev. 8-99)	Cores wi The "Str
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)	BBS, from 137 (Rev. 8-99)	The "Str
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)	DATE - <u>SEPTEMBER 18, 2014</u> BBS, from 137 (Rev. 8-99) STATE OF ILLINOIS	Cores w The "Str SOIL I
	Bown and Cary (Maduus Sir, Ard) a b a b a b a b a	<form></form>

SOIL BORING LOGS B4–B7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
042–W001	304	2I-5	JERSEY	20	14			
	CONTRACT NO. 76							
SHEET NO. 5 OF 5 SHEETS	ILLINOIS FED. AID PROJECT							

ENGINEER OF BRIDGES AND STRUCTURES

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sportation				00					Date		
RIPTION		IN M			els Ferry - Seawall C. 13, TWP. 6N, RNG.		LOG	GED B'		'Si (JF	P)
RILLING					low Stem Auger	HAMME			Autor	natic	
_	E	B L	U C	M O	Surface Water Elev. Stream Bed Elev.	·	ft ft	D E	B L	u c	M O
	T	O W S	S Qu	I S T	Groundwater Elev.: First Encounter		2 ft	Р Т ▼ Н	o W S	SQu	I S T
ft			(tsf)	(%)	Upon Completion After Hrs.		ft ft	(ft)		(tsf)	(%)
	-				Gray (Medium Stiff, CLAY (Alluvium) (co	Moist) Silty ontinued)		_			
427.6	_				Medium Stiff Trace Limestone Shells	Pieces and			WH 3 4	0.66 B	25
	-				Var. Critt			-	2		
	-5	2 3	1.15 B	24	Very Stiff			¥-25	3 16	-	25
423.6	_	1			D 0/ D	W-0 0 0 0 0	403		15		
	+	5 9	-	19	Brown (Very Dense with Trace Limestor Shells (Alluvium)	ne Pieces and		_		NC	11
421.1	-	3			See Gradation @ 20 Weathered LIMEST Borehole continued	ONE	401		50/0"		-
	-10		0.72 S	28	coring.	WILLITIOCK		-30			
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	_	2 2	0.46 B	40				_			
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	-15	1 1	-	40							
	-	wн						_			
	1	WH WH	0.30 B	29				-			
	Ξ,	WR						_			
	-20		0.52 B	29				_			
rength (U				e is ind n each	dicated by (E-Bulge, sampling zone (AAS	S-Shear, P-P HTO T206)	BBS	-40 meter) 5, from	137 (Re	v. 8-9	9)
partn	ren	ailure ow val					BBS	meter)	137 (Re Page		
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