

BORING NO.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION SOIL TYPE, COLOR, MOISTURE	LABORATORY RESULTS								
							% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-120	7/14/2011	MM 3.8	5.3	0.0 - 0.7		Asphalt Pavement									
				0.7 - 0.8		Subbase									
				0.8 - 2.5		SILT, S. f.m.c. Sand, lit. f.c. gravel, brn, moist			A-4	ML					
				2.5 - 5.0	Auger	Cl. SILT, lit. f.m.c. sand, tr. f. gravel, brn/gray, moist			A-4	ML					
<i>End of Boring @ 5.0 feet</i>															
B-121	7/14/2011	MM 4.0	5.3	0.0 - 0.9		Asphalt Pavement									
				0.9 - 1.1		Subbase									
				1.1 - 3.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn/gray, moist			A-2-4	SM					
				3.0 - 5.0	Auger	f.m.c. SAND, S. f. Gravel, lit. silt, brn/gray, moist	7.8		A-1-b	SM	30.0	52.0	18.0		
<i>End of Boring @ 5.0 feet</i>															
B-122	7/14/2011	MM 4.2	6.8	0.0 - 0.8		Asphalt Pavement									
				0.8 - 0.9		Subbase									
				0.9 - 5.0	Auger	Silty CLAY, tr. f.m.c. sand, tr. gravel, brn/gray, moist	28.1		A-7-6	CL	1.1	5.1	93.8	47	23
				<i>End of Boring @ 5.0 feet</i>											
B-123	7/14/2011	MM 4.4	5.4	0.0 - 0.8		Asphalt Pavement									
				0.8 - 5.0	Auger	f.m.c. SAND, S. Silt, lit. f.c. gravel, brn/gray, moist			A-2-4	SM					
<i>End of Boring @ 5.0 feet</i>															
B-124	7/14/2011	MM 0.1	8.4	0.0 - 1.2		Asphalt Pavement									
				1.2 - 1.5		Subbase/Old Asphalt Pavement									
				1.5 - 2.5		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist									
				2.5 - 5.0	Auger	f.m.c. SAND, S. f.c. Gravel, lit. silt, gray, moist	9.8		A-1-b	SM	32.0	49.8	18.2		
<i>End of Boring @ 5.0 feet</i>															
B-125	7/14/2011	MM 0.3	5.1	0.0 - 0.8		Asphalt Pavement									
				0.8 - 1.0		Subbase									
				1.0 - 2.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist			A-2-4	SM					
				2.0 - 5.0	Auger	Cl. SILT, tr. f.m.c. sand, gray, moist			A-4	ML					
<i>End of Boring @ 5.0 feet</i>															
B-126	7/14/2011	MM 0.5	5.4	0.0 - 0.8		Asphalt Pavement									
				0.8 - 1.0		Subbase									
				1.0 - 3.0		f.m.c. SAND, S. cl. Silt, lit. f.c. gravel, brn/gray, moist			A-2-4	SM					
				3.0 - 5.0	Auger	f.m.c. SAND, S. Silt, S. f.c. Gravel, gray, moist	7.4		A-1-b	SM	32.5	46.9	20.6		
<i>End of Boring @ 5.0 feet</i>															

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							% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-127	7/14/2011	MM 0.7	6.0	0.0 - 0.8		Asphalt Pavement								
				0.8 - 1.5		f.m.c. SAND, S. cl. Silt, lit. f.c. gravel, brn, moist			A-2-4	SM				
				1.5 - 5.0	Auger	Cl. SILT, tr. f.m.c. sand, brn, moist			A-4	ML				
				<i>End of Boring @ 5.0 feet</i>										
B-128	7/14/2011	MM 0.9	7.4	0.0 - 0.8		Asphalt Pavement								
				0.8 - 1.1		Subbase								
				1.1 - 2.5		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist			A-2-4	SM				
				2.5 - 5.0	Auger	f.m.c. SAND, S. Cl. Silt, S. f.c. Gravel, brn, moist	9.9		A-2-4	SM	29.1	43.3	27.6	
<i>End of Boring @ 5.0 feet</i>														
B-129	7/14/2011	MM 1.1	4.6	0.0 - 0.7		Asphalt Pavement								
				0.7 - 0.8		Subbase								
				0.8 - 2.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist			A-2-4	SM				
				2.0 - 5.0	Auger	Silty CLAY, tr. f.m.c. sand, tr. f.c. gravel, brn, moist	27.8		A-7-6	CL	1.3	4.1	94.5	42
<i>End of Boring @ 5.0 feet</i>														
B-130	7/14/2011	MM 1.3	6.8	0.0 - 0.7		Asphalt Pavement								
				0.7 - 3.5		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist			A-2-4	SM				
				3.5 - 5.0	Auger	Silty CLAY, lit. f.m.c. sand, brn, moist			A-4	CL				
<i>End of Boring @ 5.0 feet</i>														



**SOIL BORING  
DATA  
SHEET #2**

PROJECT NAME: ESSEX-WESTFORD  
PROJECT NUMBER: STP 2912(I)

FILE NAME: p10c226.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p10c226pcds02.i

PLOT DATE: 2/20/2013  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 91 OF 239