



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SOILS & FOUNDATION UNIT
DRILLING NOTES

PROJECT NAME: NEWPORT-COVENTRY-NEWPORT PROJECT NUMBER: STP 2802(1) SITE: VT-105
BORING CREW: WERNER, MAHMUTOVIC, WELLS DATE: 06/2010 REVIEWED BY: C. EWALD

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION		LABORATORY RESULTS								
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT		
B-101	06/09/10	2.39	3.0 RT	0.0 - 1.30	A	Asphalt Pavement										
				1.30 - 5.00	A	Si, gry, moist	14.6	A-4	Cl Si	17.7	13.3	69.0	31	21		
						NLTD										
B-102	06/09/10	2.49	3.0 RT	0.0 - 0.90	A	Asphalt Pavement										
				0.90 - 5.00	A	Si Sa, brn, moist	16.0	A-4	Sa Si	13.0	38.2	48.8	28	23		
						NLTD										
B-103	06/09/10	2.59	3.0 RT	0.0 - 0.70	A	Asphalt Pavement										
				0.70 - 5.00	A	Si Sa, brn, moist	11.1	A-2-4	Gr Si Sa	20.6	47.9	31.5				
						NLTD										
B-104	06/09/10	2.69	3.0 RT	0.0 - 1.20	A	Asphalt Pavement										
				1.20 - 5.00	A	Si Sa, brn, moist	8.8	A-1-b	Gr Sa	37.2	46.8	16.0				
						NLTD										
Cont.																

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BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION		LABORATORY RESULTS								
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT		
B-105	06/09/10	2.79	3.0 RT	0.0 - 1.10	A	Asphalt Pavement										
				1.10 - 5.00	A	Sa Si, brn, moist	5.3	A-1-b	Sa Gr	47.3	42.9	9.8				
						NLTD										
B-106	06/09/10	2.89	3.0 RT	0.0 - 1.30	A	Asphalt Pavement										
				1.30 - 5.00	A	Si Sa /w Cl, brn, wet	25.1	A-6	Si Cl	15.0	31.6	53.4	34	22		
						Field Note: Water Table at 1.6 ft										
B-107	06/09/10	2.99	3.0 LT	0.0 - 1.00	A	Asphalt Pavement										
				1.00 - 5.00	A	Si Sa, gry, moist	12.6	A-2-4	Cl Sa	28.6	39.6	31.8	24	17		
						NLTD										
B-108	06/09/10	3.09	3.0 RT	0.0 - 1.10	A	Asphalt Pavement										
				1.10 - 5.00	A	Sa Si, brn, moist	10.5	A-4	Sa Gr Si	35.4	26.7	37.9				
						NLTD										
B-109	06/09/10	3.19	3.0 RT	0.0 - 1.20	A	Asphalt Pavement										
				1.20 - 5.00	A	Sa Si, brn, moist	13.4	A-4	Cl Si	11.6	32.2	56.2	27	17		
						NLTD										
B-110	06/09/10	3.29	3.0 LT	0.0 - 1.10	A	Asphalt Pavement										
				1.10 - 5.00	A	Sa Si Gr, gry, moist	11.4	A-2-4	Gr Si Sa	28.3	39.4	32.3				
						NLTD										
Cont.																

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

NEWPORT-COVENTRY-NEWPORT STP 2802(1)

BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION		LABORATORY RESULTS								
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT		
B-111	06/09/10	3.39	3.0 RT	0.0 - 1.20	A	Asphalt Pavement										
				1.20 - 2.50	A	Si Sa, brn, moist	7.3	A-1-b	Gr Sa	35.8	47.2	17.0				
				2.50 - 5.00	A	Si Cl, gry, moist	19.4	A-4	Cl Si	7.2	13.5	79.3	27	19		
						NLTD										
B-112	06/09/10	3.49	3.0 LT	0.0 - 1.10	A	Asphalt Pavement										
				1.10 - 5.00	A	Si Sa, gry, moist	18.1	A-4	Sa Si	8.4	39.2	52.4				
						NLTD										
B-113	06/09/10	3.59	3.0 RT	0.0 - 1.20	A	Asphalt Pavement										
				1.20 - 5.00	A	Sa Si, gry, moist	16.2	A-4	Gr Sa Si	28.4	29.6	42.0				
						NLTD										
B-114	06/15/10	3.69	8.1 LT	0.00 - 0.80	A	Asphalt Pavement										
				0.80 - 1.80	SS	Gr Si Sa, brn, moist	5.4	A-1-a	Sa Gr	55.6	34.1	10.3				
				1.80 - 5.00	SS	Cl Si, brn, moist	26.8	A-4	Silt	9.3	13.4	77.3	32	30		
						NLTD										
B-115	06/15/10	3.79	4.9 RT	0.00 - 1.10	C	Asphalt Pavement										
				1.10 - 2.50		No Sample. Sampler plugged with Asphalt.										
						Field Visual Classification	2.50 - 2.80	SS	Gr Si Sa, brn, moist							
						2.80 - 4.50	SS	Cl Si, brn, moist	34.4	A-4	Silt	0.1	2.1	97.8	34	29
						NLTD										
Cont.																

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BORING No.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION		LABORATORY RESULTS								
						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT		
B-116	06/15/10	3.89	4.9 RT	0.00 - 0.90	C	Asphalt Pavement										
						Field Visual Classification	0.90 - 1.40	SS	Gravel							
						Lab Note: A petroleum odor was noticeable.	1.40 - 2.00	SS	Gr Sa, brn, moist	10.8	A-1-b	Sa Gr	46.7	42.5	10.8	
						2.00 - 4.90	SS	Cl Si, gry, moist	23.2	A-6	Si Cl	5.7	33.7	60.6	34	22
						NLTD										
B-117	06/15/10	3.99	5.7 LT	0.00 - 0.55	C	Asphalt Pavement										
						Field Visual Classification	0.55 - 0.70	SS	Gravel							
						0.70 - 1.40	SS	Si Sa Gr, brn, moist	8.4	A-1-a	Sa Gr	51.2	40.3	8.5		
						1.40 - 4.70	SS	Gr Sa Si, brn, moist	11.0	A-1-b	Si Sa Gr	42.6	32.7	24.7		
						NLTD										
B-118	06/15/10	4.09	6.0 RT	0.00 - 0.55	C	Asphalt Pavement										
						Field Visual Classification	0.55 - 0.90	SS	Gravel							
						Refusal at 1.8 feet Same material as next sample.	0.90 - 1.80	SS	Si Gr Sa, brn, moist							
						1.80 - 3.10	SS	Si Gr Sa, brn, moist	6.7	A-1-a	Sa Gr	65.9	26.9	7.2		
						3.10 - 5.10	SS	Silt, brn, moist	27.9	A-4	Silt	0.0	2.5	97.5		
						NLTD										
Cont.																

**DRILLING
NOTES
SHEET 1**

PROJECT NAME: NEWPORT-COVENTRY-NEWPORT
PROJECT NUMBER: STP 2802(1)

FILE NAME: 08b158.dgn
PROJECT LEADER: CDL
DESIGNED BY: BMB
PLOT FILE: 08b158_8.1

PLOT DATE: 8/3/2011
DRAWN BY: BMB
CHECKED BY: EPD
SHEET 8 OF 134