



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

<b>PROJECT NAME:</b> MONTGOMERY-WESTFIELD	<b>PROJECT NUMBER:</b> STP 2906 (1)	<b>SITE:</b> VT-242	<b>DATE:</b> 10/2010
<b>BORING CREW:</b> WERNER, PORTER, GARROW, HOLT	<b>TESTED BY:</b> J. TOUCHETTE	<b>REVIEWED BY:</b> N. MELTZER	

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	09/29/10	M0.01	6.0 RT	0.0 - 0.55	C	Asphalt Pavement									
				0.55 - 1.7	A	Gr Sa, brn, moist	5.0	A-1-a	Sa Gr	62.3	30.3	7.4			
				1.6 - 5.0	A	Si Sa, brn, moist	11.7	A-2-4	Si Sa	11.3	57.7	30.9			
				NLTD											
B-102	09/29/10	M0.2	6.0 LT	0.0 - 0.70	C	Asphalt Pavement									
				0.70 - 1.7	A	Gr Si Sa, brn, moist	6.7	A-1-a	Sa Gr	62.0	28.5	9.5			
				1.7 - 5.0	A	Si Sa, brn, moist	11.1	A-4	Gr Si Sa	20.1	43.2	36.6			
				NLTD											
B-103	09/29/10	M0.4	6.0 RT	0.0 - 0.7	C	Asphalt Pavement									
				0.7 - 1.7	A	Gr Sa, brn, moist	7.5	A-1-a	Sa Gr	50.9	34.7	14.3			
				1.7 - 5.0	A	Si Sa, brn, moist	13.0	A-2-4	Gr Sa	22.3	60.0	17.7			
				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
B-104	09/29/10	M0.6	6.5 LT	0.0 - 0.75	C	Asphalt Pavement								
				0.75 - 2.1	A	Gr Sa, brn, moist	8.3	A-1-b	Sa Gr	52.2	33.6	14.1		
				2.1 - 5.0	A	Si Sa, brn, moist	15.4	A-2-4	Gr Si Sa	28.6	42.5	28.9		
				NLTD										
B-105	09/29/10	M0.8	5.5 RT	0.0 - 0.8	C	Asphalt Pavement								
				0.7 - 1.5	A	Gr Sa, brn, moist	11.4	A-1-b	Sa Gr	49.2	33.9	16.9		
				1.5 - 5.0	A	Si Sa, brn, moist	18.5	A-2-4	Gr Si Sa	26.5	41.5	32.0		
				NLTD										
B-106	10/8/10	M1.0	7.5 LT	0.0 - 0.85	C	Asphalt Pavement								
				0.85 - 1.7	A	Gr Sa, brn, moist	6.3	A-1-a	Sa Gr	59.7	29.0	11.2		
				1.7 - 5.0	A	Sa Si, brn, moist	23.2	A-4	Gr Sa Si	23.7	35.6	40.7		
				NLTD										
B-107	10/8/10	M1.2	6.5 RT	0.0 - 1.2	C	Asphalt Pavement								
				1.2 - 2.2	A	Gr Sa, brn, moist	8.7	A-1-a	Sa Gr	53.5	36.3	10.2		
				2.2 - 5.0	A	Sa Si, brn, moist	23.3	A-2-4	Si Gr Sa	31.3	39.4	29.2		
				NLTD										
Cont.														

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

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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
B-108	10/8/10	M1.4	6.0 LT	0.0 - 0.5	C	Asphalt Pavement								
				0.5 - 1.6	A	Gr Sa, brn, moist	5.6	A-1-a	Sa Gr	57.0	31.7	11.3		
				1.6 - 5.0	A	Sa Si, brn, moist	18.9	A-4	Sa Si	12.0	35.0	53.0		
				NLTD										
B-109	10/12/10	M1.6	6.0 RT	0.0 - 0.5	C	Asphalt Pavement								
				0.5 - 2.1	A	Gr Sa Si, brn, moist	5.2	A-1-b	Gr Sa	38.3	42.7	19.0		
				2.1 - 5.0	A	Sa Si, brn, moist	3.4	A-2-4	Gr Si Sa	22.6	51.6	25.8		
				NLTD										
B-110	10/12/10	M1.8	5.0 LT	0.0 - 0.4	C	Asphalt Pavement								
				0.4 - 3.5	A	Si Sa Gr, brn, moist	4.4	A-1-b	Sa Gr	47.8	34.1	18.1		
				3.5 - 5.0	A	Sa Si, brn, moist	9.4	A-2-4	Si Gr Sa	30.9	45.2	23.9		
				NLTD										
B-111	10/12/10	M2.0	6.5 RT	0.0 - 0.7	C	Asphalt Pavement								
				0.7 - 3.0	A	Si Gr Sa, brn, moist	5.8	A-1-b	Si Sa Gr	38.4	38.1	23.5		
				3.0 - 5.0	A	Sa Si, dk brn, moist	19.6	A-2-4	Gr Si Sa	20.9	56.8	22.3		
				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
B-112	10/12/10	M2.2	6.0 LT	0.0 - 0.5	C	Asphalt Pavement								
				0.5 - 3.5	A	Si Gr, brn, moist	5.7	A-1-a	Sa Gr	67.3	28.3	4.4		
				3.5 - 5.0	A	Sa Si, brn, moist	9.8	A-2-4	Gr Sa Si	26.1	47.7	26.2		
				NLTD										
B-113	10/12/10	M2.4	6.0 RT	0.0 - 0.65	C	Asphalt Pavement								
				0.65 - 1.5	A	Si Sa Gr, brn, moist	5.8	A-1-b	Sa Gr	49.7	34.7	15.5		
				1.5 - 5.0	A	Si Sa, brn, moist	6.9	A-2-4	Si Sa	16.4	58.4	25.2		
				NLTD										
B-114	10/12/10	M2.6	6.0 LT	0.0 - 0.55	C	Asphalt Pavement								
				0.55 - 2.0	A	Si Sa Gr, brn, moist	4.8	A-1-b	Sa Gr	49.2	32.6	18.2		
				2.0 - 4.0	A	Si Sa, brn, moist	9.4	A-2-4	Si Gr Sa	28.6	49.6	21.8		
				4.0 - 5.0	A	Sa Si, brn, moist	14.5	A-2-4	Si Sa	15.4	52.1	32.5		
B-115	10/12/10	M2.8	7.0 RT	0.0 - 0.35	C	Asphalt Pavement								
				0.35 - 1.5	A	Gr, brn, moist	9.2			Visual Identification, crushed aggregate (asphalt pavement) with gravel				
				1.5 - 3.0	A	Sa Si, brn, moist	6.3	A-2-4	Si Gr Sa	27.8	48.8	23.4		
				3.0 - 5.0	A	Sa Si, dk brn, moist	16.4	A-2-4	Gr Si Sa	23.1	48.6	28.3		
Cont.														

**BORING AND CORING SHEET 1**

PROJECT NAME: MONTGOMERY-WESTFIELD

PROJECT NUMBER: STP 2906(1)

FILE NAME: piOC190.dgn

PROJECT LEADER: CDL

DESIGNED BY: SJL

PLOT FILE: piOC190\_113.1

PLOT DATE: 9/5/12

DRAWN BY: JMB

CHECKED BY: CDL

SHEET 113 OF 178