EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
		DRIVE P.O.T. 110+00.00 = ℄ P.O.T. 311+81.00											
		110+00	162.12										
	−2.0833%												
		110+40	161.29	161.29	0								
							BUTT						
50' V.C.		110+50	161.08	161.11	+0.03		169.1				0.0		
		110+65	160.77	160.95	+0.18								
						50		188.8				3.0	
	+0.8353%	110+90	160.98	160.98	0								
		111+00	161.06				32.6				3.2		
						5		5.4				0.3	
		111+05	161.10				25.3				0.0		
		EXECUTIVE DRIVE P.O.T. 130+00.00 = ℄ 322+98.00											
	−2.0833%	130+00	155.99										
							BUTT						
		130+50	154.95	154.95	0								
		130+70	154.53	154.59	+0.06		900.0				0.0		
100' V.C.		131+00	153.91	154.25	+0.34			2201.6				0.0	
						68							
	+0.5974%	131+38	153.14	154.16	+1.02		848.3				0.0		
		131+50	154.21	154.21	0			1619.5				1.4	
						54							
		131+92	154.46				771.2				1.4		
						92		1619.4				5.1	
		132+84	155.07				179.3				1.6		
		132+87	155.02	155.02	0								
		133+37	155.32	155.16	−0.16	68		336.5				3.0	
100' V.C.	−0.6800%	133+52	155.22	155.14	−0.08		87.9				0.8		
						26		80.1				0.4	
		133+78	155.04	155.04	0		78.5				0.0		
						9		26.2				0.0	
		133+87	154.98	154.98	0		78.5				0.0		
		BAY ROAD P.O.T. 140+00.00 = ℄ P.O.T. 322+98.00											
	−2.0833%	140+00	155.99										
		140+37	155.21	155.21	0								
							BUTT						
60' V.C.		140+67	154.59	154.46	−0.13								
		140+97	153.44	153.44	0								
	−3.8500%	141+00 (Sect. 152+00)	153.32				82.0				90.8		
						50		133.9				363.9	
		141+50 (Sect. 152+50)	151.39				62.6				302.2		
						50		70.1				287.9	
		142+00	149.47				13.1				8.7		
						50		61.9				70.3	
		142+50	147.56	147.56	0		53.7				67.2		
60' V.C.		142+80	146.40	146.61	+0.21	50		111.9				62.2	
	−1.0423%	143+00	146.19	146.21	+0.02		67.1				0.0		
		143+10	146.09	146.09	0	25		69.6				0.0	
		143+28	145.90				67.1				0.0		

C	192.1
R	0.0
F	3.3
FAC	1.15
EXC	188.4
END APPROACH CONSTRUCTION	
C	5,883.2
R	0.0
F	9.9
FAC	1.15
EXC	5,871.8
END APPROACH CONSTRUCTION	
C	447.3
R	0.0
F	784.3
FAC	1.15
EXC	−454.6
END APPROACH CONSTRUCTION	

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
		BAY ROAD P.O.T. 150+00.00 = ℄ P.O.T. 324+82.00											
	−2.1354%	150+00	158.17										
		150+50	157.10										
70' V.C.		150+61	156.87	156.87	0								
		150+96	156.12	156.05	−0.07								
		151+00	156.00	155.95	−0.05								
		151+31	155.09	155.09	0								
	−2.9500%	151+50	154.53										
		152+00	153.05										
		152+50	151.58										
		152+60.25 = 141+53.17	151.27										
		CHAMPLAIN DRIVE P.O.T. 170+00.00 = ℄ P.O.T. 333+00.00											
		170+00	166.95										
	−2.0811%						BUIT						
		170+50	165.91				151.0				0.0		
		170+55	165.81	165.81	0								
						50		153.6				8.8	
50' V.C.		170+80	165.29	165.15	−0.14								
		171+00	164.43	164.42	−0.01		14.9				9.5		
	−4.3115%	171+05	164.21	164.21	0								
		171+08	164.08	164.08	0	50		59.8				8.8	
50' V.C.		171+33	163.00	163.13	+0.13								
	−2.1639%	171+50	162.63	162.65	+0.02		49.5				0.0		
		171+58	162.46	162.46	0	44		80.7				0.0	
		171+94	161.68				49.5				0.0		
		HEDGEROW DRIVE P.O.T. 180+00.00 = ℄ 337+50.00											
	−2.0833%	180+00	170.31										
0' V.C.		180+37	169.54										
							BUTT						
	−0.4867%	180+50	169.48				170.0				0.0		
						50		201.3				0.5	
		181+00	169.23				47.4				0.5		
						50		83.1				1.1	
		181+50	168.99				42.4				0.7		
						43		67.5				1.1	
		181+93	168.78				42.4				0.7		
		TAMARACK ROAD P.O.T. 190+00.00 = ℄ P.O.T. 341+87.82											
	−2.4917%	190+00	175.39										
		190+40	174.39	174.39	0								
							BUTT						
40' V.C.		190+50	174.14	174.11	−0.03		99.5				20.5		
		190+60	173.89	173.75	−0.14								
						50		110.0				19.5	
	−5.2150%	190+80	172.84	172.54	0								
40' V.C.		191+00	171.80	172.01	+0.21		19.3				0.9		
	−1.0000%	191+20	171.60	171.60	0	30		20.4				0.5	
		191+30	171.50				17.4				0.0		

QUANTITY ACCOUNTED FOR ON MAINLINE SECTIONS	
MATCH BAY ROAD	
C	293.9
R	0.0
F	17.6
FAC	1.15
EXC	273.7
END APPROACH CONSTRUCTION	
C	352.0
R	0.0
F	2.7
FAC	1.15
EXC	348.9
END APPROACH CONSTRUCTION	
C	130.4
R	0.0
F	20.3
FAC	1.15
EXF	107.0
END APPROACH CONSTRUCTION	

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	COOR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENTS AREA	EMBANKMENTS CU. YDS.	
		HULLCREST ROAD P.O.T. 200+00.00 = ℄ P.O.T. 346+23.30											
	−2.0833%	200+00	182.66										
		200+37	181.89	181.89	0								
							BUTT						
40' V.C.		200+50	181.62	181.75	+0.13		241.2				0.0		
		200+57	181.47	181.78	+0.31								
						50		327.1				0.1	
	+4.0616%	200+77	182.28	182.28	0								
		201+00	183.22				112.1				0.1		
						30		88.2				1.3	
		201+30	184.43				46.6				2.2		
		LAKEVIEW ROAD P.O.T. 210+00.00 = ℄ P.O.T. 346+39.74											
	−2.4100%	210+00	182.68										
		210+30	182.15	182.15	0								
							BUTT						
60' V.C.		210+50	181.67	181.57	−0.10		154.2				13.5		
		210+60	181.43	181.21	−0.22								
						50		280.8				15.7	
	−5.3602%	210+90	179.82	179.82	0								
		211+00	179.29				149.1				3.5		
		211+30	177.68	177.68	0	50		332.7				3.2	
60' V.C.		211+50	176.61	176.66	+0.05		210.2				0.0		
		211+80	176.07	176.20	+0.13								
						50		324.2				0.0	
	−3.6709%	211+90	174.97	174.97	0								
		212+00	174.60				139.9				0.0		
		212+20											
		JUNIPER RIDGE P.O.T. 250+00.00 = ℄ P.O.T. 350+78.28											
	−2.0833%	250+00	188.29										
							BUTT						
		250+50	187.25	187.25	0		288.4				0.0		
50' V.C.		250+75	186.73	187.14	+0.41	50		581.0				0.0	
		251+00	187.86	187.86	0		339.1				0.0		
						50		697.4				0.0	
	+4.5077%	251+50	190.11				414.1				0.0		
		251+60	190.57	190.57	0	50		592.6				0.0	
80' V.C.		252+00	192.37	192.19	−0.18		225.9				0.0		
		252+40	193.45	193.45	0	50		332.1				0.0	
		252+50	193.72				132.8				0.0		
						50		250.8				0.0	
	+2.7027%	253+00	195.07				138.1				0.0		
						50		208.5				0.0	
		253+50	196.42				87.1				0.0		
						50		161.3				0.0	
		254+00	197.78				87.1				0.0		

C	415.3
R	0.0
F	1.4
FAC	1.15
EXC	413.7
END APPROACH CONSTRUCTION	
C	937.7
R	0.0
F	19.0
FAC	1.15
EXC	915.9
END APPROACH CONSTRUCTION	
C	2,823.8
R	0.0
F	0.0
FAC	1.15
EXC	2,823.8
END APPROACH CONSTRUCTION	

PROJECT NAME: U.S. ROUTE 7: SHELBURNE ROAD (F.A.P.)

PROJECT NUMBER: NH-EGC-019-4(27)

4/13/04

EARTHWORK DRAWING NO. 5