EARTHWORK SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

409+99.87 151.85
410+19.79 155.03

GRADES

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.
		410+47.58	152.27				547.1		0		0.5	
						50		994.8		0		5.6
		410+80.36	152.56									
		410+97.58	152.70				527.3		0		5.6	
						50		965.1		0		16.3
		411+00.18	152.72									
		411+20	152.92									
		411+47.58	153.14				515.0		0		12.0	
						50		873.8		0		22.4
		411+97.58	153.58				428.7		0		12.2	
						50		775.1		0		15.0
		412+47.58	154.02				408.4		0		4.0	
						50		774.9		0		27.3
		412+97.58	154.46	154.46	0		428.5		0		25.5	
						50		747.6		0		47.3
		413+47.58	154.90	154.89	-.01		378.9		0		25.6	
						50		698.1		0		26.7
		413+97.58	155.34	155.30	-.04		375.0		0		3.2	
						50		670.6		0		15.4
		414+47.58	155.69	155.68	-.01		349.2		0		13.4	
						50		625.6		0		54.9
		414+97.58	156.04	156.04	0		326.5		0		45.9	
		415+19	156.16		0	50		595.9		0		110.5
		415+34.87	156.30		0							
		415+47.58	156.39	156.39	0		317.1		0		73.4	
						50		600.6		0		140.3
		415+54.34	156.44	156.44	+.00							
		415+97.58	156.75	156.80	+.05		331.5		0		78.1	
						50		629.6		0		72.5
		416+15.36	156.89	156.99	+.10							
		416+35.18	157.01	157.18	+.17							
		416+47.58	157.10	157.32	+.22		348.5		0		0.2	
		416+55	157.16	157.41	+.26							
		416+70	157.26	157.60	+.34	50		633.5		0		36.6
		416+97.58	157.45	157.96	+.512		335.7		0		39.3	
						50		618.5		0		44.9
		417+47.58	157.80	158.71			332.3		0		9.2	
						50		687.0		0		9.2
		417+97.58	159.06	159.58			409.7		0		0.7	
						50		699.1		0		9.5
		418+47.58	160.33	160.55			345.3		0		9.6	
						50		639.1		0		12.3
		418+97.58	161.59	161.65			344.9		0		3.7	
						50		635.8		0		11.9
		419+47.58	162.85	162.85	0		341.8		0		9.1	
						50		658.5		0		8.4
		419+97.58	164.11				369.4		0		0	
						50		653.6		0		0.1
		420+47.58	165.38				336.5		0		0.1	
						50		649.7		0		0.1
		420+97.58	166.64				365.2		0		0.0	
						50		654.4		0		0.9
		421+47.58	167.90				341.5		0		1.0	
						50		639.4		0		1.3
		421+97.58	169.16				349.0		0		0.4	
						50		660.6		0		0.4
		422+47.58	170.43				364.4		0		0.0	
						50		684.7		0		0.5
		422+97.58	171.69				375.1		0		0.5	
						50		663.9		0		0.7
		423+35	172.65									
		423+47.58	172.95				341.9		0		0.3	
						50		655.9		0		0.3
		423+97.58	174.22				366.5		0		0	
						50		689.5		0		20.1
		424+32	175.09									
		424+47.58	175.48				378.2		0		21.7	
						50		688.7		0		30.5
		424+97.58	176.74				365.6		0		11.2	
						50		685.3		0		11.8
		CARRIED FORWARD					685.3		0		11.8	
		COLUMN FOOTINGS					21,190.4		0		743.1	

V.C. 200' V.C.; % GRADE +0.8783%

V.C. 400' V.C.; % GRADE +0.7029%

% GRADE +2.5254%

C	8,152.3
R	0
F	232.3
FAC	1.15
EXC	7,885.2

C	6,397.7
R	0
F	456.0
FAC	1.15
EXC	5,873.3

C	6,640.4
R	0
F	54.8
FAC	1.15
EXC	6,577.3

GRADES

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.
	+2.5254%	425+47.58	178.00				374.5		0		1.5	
						50		704.4		0		1.5
		425+97.58	179.23				386.3		0		0.1	
						50		695.5		0		0.4
		426+47.58	180.53		0		364.8		0		0.3	
						50		745.1		0		0.3
	MATCH EXISTING GRADE	426+97.58	EXIST.				439.9		0		0.0	
						50		757.4		0		1.0
		427+47.58	EXIST.				378.1		0		1.1	
						50		691.0		0		1.9
		427+97.58	EXIST.				368.2		0		1.0	
						50		721.3		0		2.2
		428+47.58	EXIST.				410.8		0		1.4	
						50		562.9		0		1.3
		428+97.58	EXIST.				197.1		0		0	
		CARRIED FORWARD					0.0		0		0.0	
		COLUMN FOOTINGS					5,562.9		0		20.4	

C	5,562.9
R	0
F	20.4
FAC	1.15
EXC	5,539.4

GRADES

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.
		CARRIED FORWARD										
		COLUMN FOOTINGS										

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

PROJECT NUMBER: NH-EGC-019-4 (28)

4/4/03

EARTHWORK DRAWING NO. 2

SHEET 52 OF 283 SHEETS