EARTHWORKS

NOTE: EXCAVATION AND EMBANKMENT QUANTITIES DO NOT INCLUDE GABION WALL.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
		96+50	BEGIN PROJECT F010-1(18)											
							BUTT							
		96+50	1672.57				118				0			
						50		286				0		
		97+00	1671.21				191				0			
						50		348				1		
		+50	1669.85				185				1			
						50		334				6		
		98+00	1668.49				176				5			
						50		357				14	T CUT	2434
		+50	1667.13				210				10		R CUT	0
						50		372				12	FILL	42
		99+00	1665.77				192				3		F. FAC	1.15
						50		366				6	EXC	2386
		+50	1664.42				203				3			
						50		371				3		
		100+00	1663.06	1663.06	0.00		198				0			
						50		376				0		
		+50	1661.70	1661.77	+0.07		208				0			
						50		395						
		101+00	1660.34	1660.62	+0.28		219							
						50		413						
		+50	1658.98	1659.60	+0.62		227							
						50		395						
		102+00	1657.62	1658.73	+1.11		200				0			
						50		390				0		
		+50	1657.37	1657.99	+0.62		221				0			
						50		349				85		
		103+00	1657.12	1657.40	+0.28		156				92		T CUT	4577
						50		371				87	R CUT	0
		+50	1656.87	1656.94	+0.07		245				2		FILL	185
						50		569				4	F. FAC	1.15
		104+00	1656.62	1656.62	0.00		369				2			
						50		682				4		
		+50	1656.37				368				2		EXC	4364
						50		637				5		
		105+00	1656.12				320				3			
						50		569				3		
		+50	1655.87				295				0			
						50		519				2		
		106+00	1655.62				265				2			
						50		529				2		
		+50	1655.37				306				0			
						50		579				0		
		107+00	1655.12				319				0			
						50		631						
		+50	1654.87				363							
						50		706						
		108+00	1654.62				399						T CUT	6655
						50		752					R CUT	0
		+50	1654.37				413						FILL	7
						50		753					F. FAC	1.15
		109+00	1654.12				400							
						50		787						
		+50	1653.87				450						EXC	6647
						50		830						
		110+00	1653.62				446							
						50		917						
		+50	1653.37				544							
		EQ 110+53.95=												
		-0.97 110+54.92	1653.35			49.03		954						
		+75	1653.25	1653.25	0.00									
		111+00	1653.12	1653.11	-0.01		507				0			
						50		871				0		
		+50	1652.87	1652.78	-0.09		434				0			
						50		778				0	T CUT	5559
		112+00	1652.62	1652.38	-0.24		406				0		R CUT	0
						50		687				0	FILL	2460
		+50	1652.37	1651.89	-0.48		336				0		F. FAC	1.15
						50		644				114		
		113+00	1651.57	1651.33	-0.24		359				123		EXC	2730
						50		443				249		
		+50	1650.77	1650.68	-0.09		119				146			
			CARRIED FORWARD					5294				363		
			COLUMN FOOTINGS					18960				597		

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
		+50	1650.77	1650.68	-0.09		119				146			
						50		161				420		
		114+00	1649.97	1649.96	-0.01		55				308			
		+25	1649.57	1649.57	0.00	50		69				705		
		+50	1649.17				20				453			
						50		35				972		
		115+00	1648.38				18				597			
						50		34				856		
		+50	1647.58				19				328			
						36.91		26				448		
		+86.91	1646.98	STOP ROADWAY			19				328			
				BEGIN BRIDGE 24			BUTT				BUTT			
		116+00	1646.78											
							BUTT				BUTT			
		+23.79	1646.41	END BRIDGE 24			40				373			
				RESUME ROADWAY										
						26.21		39				362		
		+50	1645.98				40				373			
						50		37				586		
		117+00	1645.18				0				260			
						50		2				573		
		+50	1644.38				2				359			
						50		2				831		
		118+00	1643.58				0				539		T CUT	140
						50		0				981	R CUT	0
		+50	1642.78				0				520		FILL	4966
						11.38		0				329	F. FAC	1.15
		+61.38	1642.60	STOP ROADWAY			0				520			
				BEGIN BRIDGE 25			BUTT				BUTT		EXF	5571
		119+00	1641.98											
		+50	1641.19											
		120+00	1640.39											
		+50	1639.59											
		121+00	1638.79											
							BUTT				BUTT			
		+08.47	1638.65	END BRIDGE 25			0				289			
				RESUME ROADWAY		41.53		0				445		
		+50	1637.99				0				289			
						50		3				919		
		122+00	1637.19				3				703			
						50		8				1276		
		+50	1636.39	1636.39	0.00		6				675			
						50		24				1167		
		123+00	1635.59	1635.63	+0.04		20				585		T CUT	74
						50		28				1005	R CUT	0
		+50	1634.79	1634.94	+0.15		10				500		FILL	6913
						50		10				776	F. FAC	1.15
		124+00	1633.99	1634.34	+0.35		1				338			
						50		1				656	EXF	7876
		+50	1633.20	1633.80	+0.60		0				371			
						50		0				669		
		125+00	1632.40	1633.34	+0.94		0				352			
						50		0				643		
		+50	1631.60	1632.96	+1.36		0				342			
						50		0				637		
		126+00	1630.80	1632.65	+1.85		0				346			
						50		0				672		
		+50	1630.00	1632.42	+2.42		0				380			
						50		0				773		
		127+00	1630.41	1632.27	+1.86		0				455			
						50		3				1064		
		+50	1630.82	1632.19	+1.35		3				694		T CUT	14
						50		4				1450	R CUT	0
		128+00	1631.24	1632.18	+0.94		1				872		FILL	13223
						50		4				1729	F. FAC	1.15
		+50	1631.65	1632.25	+0.60		3				995			
						50		3				1993	EXF	15192
		129+00	1632.06	1642.40	+0.34		0				1157			
						50		0				2261		
		+50	1632.47	1632.62	+0.15		0				1285			
						50		0				2001		
		130+00	1632.88	1632.92	+0.04		0				876			
						17.40		0				565		
		+17.40	1633.04	1633.05	+0.01		0		STOP ROADWAY		876			
									BUTT	BEGIN BRIDGE 25A	BUTT			
			CARRIED FORWARD					0				565		
			COLUMN FOOTINGS					493				27764		

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
		+50	1633.30	1633.30	0.00									
		131+00	1633.71											
		+50	1634.12											
		132+00	1634.53										T CUT	0
		+50	1634.94										FILL	11766
													F. FAC	1.15
		133+00	1635.36										R. FAC	0.495
							BUTT					BUTT		
		+10.89	1635.44	END BRIDGE 25A			0					2031	EXF	13531
				RESUME ROADWAY										
						39.11		0						
		+50	1635.77				0					2031		
						50		0						
		134+00	1636.18	1636.18	0.00		0					2070		
						50		0						
		+50	1636.59	1636.49	-0.10		0					981		
						50		0						
		135+00	1637.00	1636.59	-0.41		0					787		
						50		105						
		+50	1637.42	1636.48	-0.94		113					249		
						50		127						
		136+00	1637.83	1636.17	-1.66		24					201		
						50		23						
		+50	1638.24	1635.65	-2.59		1					179		
						50		1						
		137+00	1636.58	1634.92	-1.66		0					275		
						50								
		+50	1634.92	1633.99	-0.93							421	T CUT	256
						50							R CUT	0
		138+00	1633.26	1632.85	-0.41							738	FILL	15798
													F. FAC	1.15
		+15.68	1629.94	1629.94	0.00									
		+50	1628.80									643		
						50								
		139+00	1627.14									715		
						50								
		+50	1625.48									1884		
						50								
		140+00	1623.82									2106		
						50								
		+50	1622.16									2343		
						50								
		141+00	1620.50									1362		
						50								
		+50	1618.84									1205		
						22.34								
		+72.34	1618.10	STOP ROADWAY								1205		
				BEGIN BRIDGE 25B								BUTT		
		142+00	1617.18											
													T CUT	3
		+50	1615.52										R CUT	0
													FILL	11859
		143+00	1613.86										F. FAC	1.15
		+50	1612.20										EXF	13635
		144+00	1610.54											
		+50	1608.87											
												BUTT		
		+50.34	1608.88	END BRIDGE 25B			0					194		
				RESUME ROADWAY										
						49.66		3						
		145+00	1607.22	1607.22	0.00		3					823		
			CARRIED FORWARD					0						
			COLUMN FOOTINGS					259						

/DESIGN/78D096/DD096.DGN

PROJECT NAME SEARSBURG-WILMINGTON
PROJECT NUMBER NHF 010-1(18)

26-DEC-2001 DD096E1
SHEET 18 OF 435 SHEETS