EARTHWORKS

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

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V. C.	% 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.		
													AREA	CU. YDS.
		194+00	1542.59				2				172		T CUT	723
						50		62				256	R CUT	0
		+50	1541.61				65				104		FILL	3003
						50		60				241	F. FAC	1.15
		195+00	1540.63				0				156		EXF	2730
						50		6				298		
X		+50	1539.65	1539.65	0.00		6				166			
						50		28				315		
		196+00	1538.67	1538.69	+0.02		24				174			
						50		52				333		
		+50	1537.69	1537.78	+0.09		32				186			
						50		75				348		
		197+00	1536.71	1536.91	+0.20		49				190			
						50		85				347		
		+50	1535.73	1536.09	+0.36		43				185			
						50		106				333		
		198+00	1534.75	1535.31	+0.56		71				175		T CUT	1609
						50		186				255	R CUT	0
		+50	1533.77	1534.58	+0.81		130				100		FILL	2330
						50		304				93	F. FAC	1.15
		199+00	1532.79	1533.89	+1.10		198				0			
						50		378				3		
X		+50	1531.81	1533.25	+1.44		210				3		EXF	1071
						50		389				5		
		200+00	1531.55	1532.65	+1.10		210				2			
						50		388				2		
		+50	1531.29	1532.10	+0.81		209				0			
						50		397				0		
		201+00	1531.03	1531.59	+0.56		220				0			
						50		346				2		
		+50	1530.77	1531.13	+0.36		154				2			
						50		247				2		
		202+00	1530.51	1530.71	+0.20		113				0			
						50		174				8		
		+50	1530.25	1530.34	+0.09		75				9			
						50		125				78		
		203+00	1529.99	1530.01	+0.02		60				75		T CUT	2301
						50		181				70	R CUT	0
X		+50	1529.73	1529.73	0.00		135				1		FILL	379
						50		206				29	F. FAC	1.15
		204+00	1529.47				87				30			
						50		133				77		
		+50	1529.21				57				53		EXC	1865
						50		104				111		
		205+00	1528.95				55				67			
						50		149				136		
		+50	1528.69				106				80			
						50		220				146		
		206+00	1528.43				132				78			
						50		237				192		
		+50	1528.17				124				129			
						50		222				344		
		207+00	1527.91				116				242			
						50		107				571		
		+50	1527.65				0				375			
						50		77				503		
		208+00	1527.39				83				168		T CUT	1543
						50		160				315	R CUT	0
		+50	1527.13				90				172		FILL	3016
						50		162				288	F. FAC	1.15
		209+00	1526.87				85				139			
						50		117				267		
		+50	1526.61				41				150		EXF	1925
						50		92				254		
		210+00	1526.35				58				124			
						50		80				162		
		+50	1526.09				28				51			
						50		208				94		
		211+00	1525.83				197				51			
		+25	1525.70	1525.70	0.00	50		698				103		
		+50	1525.57	1525.56	-0.01		557		0		60			
		CARRIED FORWARD					986		0		359			
		COLUMN FOOTINGS					6561		0		6581			

-1.9600 % VC 800' VC

-0.5200 % 400' VC

V. C.	% 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.		
													AREA	CU. YDS.
		211+50	1525.57	1525.56	-0.01		557		0		60			
						50		1044		205		134		
		212+00	1525.31	1525.25	-0.06		570		221		85			
						50		1065		512		142		
		+50	1525.05	1524.87	-0.18		580		332		68			
						50		1111		615		91		
		213+00	1524.79	1524.45	-0.34		620		332		30			
X		+25	1524.66	1524.21	-0.45	50		1310		794		32	T CUT	10626
													R CUT	5643
		+50	1524.31	1523.97	-0.34		795		526		5		FILL	782
						50		1557		1053		9	F. FAC	1.15
		214+00	1523.60	1523.42	-0.18		887		611		5		R. FAC	0.495
						50		1794		1262		9		
		+50	1522.89	1522.83	-0.06		1050		752		5		EXC	12520
						50		1759		1202		6		
		215+00	1522.18	1522.17	-0.01		850		546		2			
X		+25	1521.82	1521.82	0.00	50		1446		925		7		
		+50	1521.47				712		453		6			
						50		1689		419		71		
		216+00	1520.76				1112		0		71			
						50		1692		0		156		
		+50	1520.05				715		0		98			
						50		1213				91		
		217+00	1519.34				595				0			
						50		917				1		
		+50	1518.63				395				1			
						50		758				81		
		218+00	1517.92				424				86		T CUT	9808
						50		1003				163	R CUT	1344
		+50	1517.21				659				90		FILL	935
						50		678				150	F. FAC	1.15
		219+00	1516.50				73				72		R. FAC	0.495
						50		148				120		
		+50	1515.79				87				58		EXC	9398
						50		264				95		
		220+00	1515.08				198				45			
						50		304				73		
		+50	1514.37				130				34			
						50		176				163		
		221+00	1513.66				60				142			
						50		190				186		
		+50	1512.95				145				59			
						50		361				128		
		222+00	1512.24				245				79			
X		+25	1511.88	1511.88	0.00	50		385				143		
		+50	1511.53	1511.55	+0.02		171				75			
						50		288				114		
		223+00	1510.82	1510.99	+0.17		140				48			
						50		211				141		
		+50	1510.11	1510.58	+0.47		88				104		T CUT	2202
						50		147				163	R CUT	0
		224+00	1509.40	1510.33	+0.93		71				72		FILL	1479
													F. FAC	1.15
X		+25	1509.04	1510.25	+1.21	50		86				124		
		+50	1509.29	1510.22	+0.93		22				62		EXC	501
						50		54				244		
		225+00	1509.79	1510.26	+0.47		36				202			
						50		63				494		
		+50	1510.29	1510.46	+0.17		32				332			
						50		59				692		
		226+00	1510.79	1510.81	+0.02		32				415			
X		+25	1511.04	1511.04	0.00	50		63				894		
		+50	1511.29				36				550			
						50		67				1023		
		227+00	1511.79				36				555			
		CARRIED FORWARD					252		0		3103			
		COLUMN FOOTINGS					21902		6987		5940			

-1.4200 % VC 400' VC +1.0000 % VC 400' VC

V. C.	% 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.		
													AREA	CU. YDS.
		227+00	1511.79				36				555			
						50		109				958		
		+50	1512.29				82				480			
						50		195				830		
		228+00	1512.79				129		0		416		T CUT	7213
						50		656		0		706	R CUT	3708
		+50	1513.29				580		0		346		FILL	6362
						50		1285		398		493	F. FAC	1.15
X		229+00	1513.79	1513.79	0.00		808		430		186		R. FAC	0.495
						50		1855		1220		219		
		+50	1514.29	1514.23	-0.06		1195		888		50		EXC	1732
						50		2861		2090		53		
		230+00	1514.79	1514.55	-0.24		1895		1369		7			
						50		3570		2556		14		
		+50	1515.29	1514.75	-0.54		1961		1392		8			
						50		3747		2492		17		
X		231+00	1515.79	1514.83	-0.96		2086		1299		10			
						50		4069		2455		17		
		+50	1515.33	1514.79	-0.54		2309		1352		8			
						50		4386		2118		15		
		232+00	1514.87	1514.63	-0.24		2428		935		8			
						50		3621		1617		15		
		+50	1514.41	1514.35	-0.06		1483		811		8			
						50		2281		1203		117		
X		233+00	1513.95	1513.95	0.00		980		488		118		T CUT	35479
						50		2930		595		206	R CUT	13330
		+50	1513.49				2184		155		105		FILL	848
						50		4021		219		216	F. FAC	1.15
		234+00	1513.03				2159		81		128		R. FAC	0.495
						50		3819		75		151		
		+50	1512.57				1965		0		35		EXC	41102
						50		3035		0		80		
		235+00	1512.11				1313		0		51			
						50		1581				140		
		+50	1511.65				394				100			
						50		502				229		
		236+00	1511.19				148				147			
						50		199				479		
X		+50	1510.73	1510.73	0.00		67				370			
						50		95				1028		
		237+00	1510.27	1510.33	+0.06		36				740			
						50		115				1500		
		+50	1509.81	1510.04	+0.23		88				880			
						50		225				2027		
		238+00	1509.35	1509.88	+0.53		155				1309			
						50		375				2569		
X		+50	1508.89	1509.83	+0.94		250				1466			
													T CUT	3972
EQ		238+76.24=											R CUT	0
-7.17		238+83.41	1509.14	1509.85	+0.71	42.83		410				2400	FILL	17061
													F. FAC	1.15
		239+00	1509.30	1509.88	+0.58		167				1560			
						50		249				3297		
		+50	1509.77	1510.04	+0.27		102				2001		EXF	15648
						50		221				3392		
		240+00	1510.25	1510.33	+0.08		137				1662			
						50		252				3176		
		+50	1510.72	1510.72	0.00		135				1768			
X		+57.17	1510.79	1510.79	0.00	50		236				3109		
		241+00	1511.20				120				1590			
						50		144				2980		
		+50	1511.67				36				1628			
						50		155				2820		
		242+00	1512.15				131				1418			
						50		250				2493		
		+50	1512.62				139				1274			
						50		291				2151		
		243+00	1513.10				175				1049			
						50		465				1633		
		+50	1513.57				327				715			
		CARRIED FORWARD					1793		0		18362			
		COLUMN FOOTINGS					48205		17038		39530			

+1.0000 % VC 400' VC

-0.9200 % VC 400' VC

+0.9504 % VC

/DESIGN/78D096/DD096.DGN

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PROJECT NUMBER NHF 010-1(18)

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SHEET 20 OF 435 SHEETS