

VERTICAL ALIGNMENT TABLE																		
ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED								
ROCHESTER VT. ROUTE 73																		
SYMMETRICAL PARABOLA	PVC	R 29+49.55	1901.96	440.00	-1.5685%	-5.1149%	124	-1.95	524	50								
	POC	R 29+50.00	1901.95															
	POC	R 30+00.00	1901.06															
	POC	R 30+50.00	1899.97															
	POC	R 31+00.00	1898.68															
	POC	R 31+50.00	1897.19															
	PVI	R 31+69.55	1898.51															
	POC	R 32+00.00	1895.50															
	POC	R 32+50.00	1893.61															
	POC	R 33+00.00	1891.51															
	POC	R 33+50.00	1889.21															
	PVT	R 33+89.55	1887.25															
	PVT	R 33+89.55	1887.25															
	POT	R 34+00.00	1886.72															
LINEAR	POT	R 34+50.00	1884.16	1220.35	-5.1149%					50								
	POT	R 35+00.00	1881.60															
	POT	R 35+50.00	1879.05															
	POT	R 36+00.00	1876.49															
	POT	R 36+50.00	1873.93															
	POT	R 37+00.00	1871.37															
	POT	R 37+50.00	1868.82															
	POT	R 38+00.00	1866.26															
	POT	R 38+50.00	1863.70															
	POT	R 39+00.00	1861.14															
	POT	R 39+50.00	1858.59															
	POT	R 40+00.00	1856.03															
	POT	R 40+50.00	1853.47															
	POT	R 41+00.00	1850.91															
	POT	R 41+50.00	1848.36															
	POT	R 42+00.00	1845.80															
	POT	R 42+50.00	1843.24															
	POT	R 43+00.00	1840.68															
	POT	R 43+50.00	1838.13															
	POT	R 44+00.00	1835.57															
	POT	R 44+50.00	1833.01															
	POT	R 45+00.00	1830.45															
	POT	R 45+50.00	1827.90															
	POT	R 46+00.00	1825.34															
	PVC	R 46+09.89	1824.83															
	SYMMETRICAL PARABOLA	PVC	R 46+09.89								1824.83	570.00	-5.1149%	-1.2685%	148	2.74	618	50
		POC	R 46+50.00								1822.84							
		POC	R 47+00.00								1820.50							
		POC	R 47+50.00								1818.33							
		POC	R 48+00.00								1816.33							
POC		R 48+50.00	1814.50															
PVI		R 48+94.89	1810.26															
POC		R 49+00.00	1812.83															
POC		R 49+50.00	1811.34															
POC		R 50+00.00	1810.01															
POC		R 50+50.00	1808.86															
POC		R 51+00.00	1807.87															
POC		R 51+50.00	1807.05															
PVT		R 51+79.89	1806.64															

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ROCHESTER VT. ROUTE 73																		
LINEAR	PVT	R 51+79.89	1806.64	465.11	-1.2685%					50								
	POT	R 52+00.00	1806.39															
	POT	R 52+50.00	1805.75															
	POT	R 53+00.00	1805.12															
	POT	R 53+50.00	1804.48															
	POT	R 54+00.00	1803.85															
	POT	R 54+50.00	1803.21															
	POT	R 55+00.00	1802.58															
	POT	R 55+50.00	1801.95															
	POT	R 56+00.00	1801.31															
	PVC	R 56+45.00	1800.74															
	PVC	R 56+45.00	1800.74															
	POC	R 56+50.00	1800.68															
	POC	R 57+00.00	1799.80															
SYMMETRICAL PARABOLA	POC	R 57+50.00	1798.53	500.00	-1.2685%	-9.2036%	63	-4.96	369	50								
	POC	R 58+00.00	1796.87															
	POC	R 58+50.00	1794.81															
	PVI	R 58+95.00	1797.57															
	POC	R 59+00.00	1792.35															
	POC	R 59+50.00	1789.49															
	POC	R 60+00.00	1786.24															
	POC	R 60+50.00	1782.59															
	POC	R 61+00.00	1778.54															
	PVT	R 61+45.00	1774.56															
	PVT	R 61+45.00	1774.56															
	LINEAR	POT	R 61+50.00								1774.10	62.44	-9.2036%					50
		POT	R 62+00.00								1769.50							
		PVC	R 62+07.45								1768.81							
PVC		R 62+07.45	1768.81															
SYMMETRICAL PARABOLA	POC	R 62+50.00	1765.01	440.00	-9.2036%	-3.5182%	77	3.13	357	50								
	POC	R 63+00.00	1760.85															
	POC	R 63+50.00	1757.01															
	POC	R 64+00.00	1753.49															
	PVI	R 64+27.45	1748.57															
	POC	R 64+50.00	1750.29															
	POC	R 65+00.00	1747.42															
	POC	R 65+50.00	1744.87															
	POC	R 66+00.00	1742.64															
	PVT	R 66+47.45	1740.83															

PROJECT NAME: ROCHESTER  
PROJECT NUMBER: ER STP 0162(21)

FILE NAME: z13cl76vat.dgn  
PROJECT LEADER: D. GOZALKOWSKI  
DESIGNED BY: J. OLSEN  
VERTICAL ALIGNMENT TABLE #2

PLOT DATE: 1/11/2017  
DRAWN BY: J. HEALD  
CHECKED BY: J. SHIELDS  
SHEET 171 OF 360

