

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 110+32.50	1539.56	290.00	-2.2337%	-3.8725%	177	-0.59	803	50
	POC	R 110+50.00	1539.16							
	POC	R 111+00.00	1537.93							
	POC	R 111+50.00	1536.55							
	PVI	R 111+77.50	1536.32							
	POC	R 112+00.00	1535.03							
	POC	R 112+50.00	1533.37							
	POC	R 113+00.00	1531.57							
LINEAR	PVT	R 113+22.50	1530.71	68.51	-3.8725%					50
	POT	R 113+50.00	1529.64							
	PVC	R 113+91.01	1528.06							
SYMMETRICAL PARABOLA	PVC	R 113+91.01	1528.06	180.00	-3.8725%	-2.6857%	152	0.27	628	50
	POC	R 114+00.00	1527.71							
	POC	R 114+50.00	1525.89							
	PVI	R 114+81.01	1524.57							
	POC	R 115+00.00	1524.23							
	POC	R 115+50.00	1522.73							
	PVT	R 115+71.01	1522.15							
	PVT	R 115+71.01	1522.15							
LINEAR	POT	R 116+00.00	1521.38	176.91	-2.6857%					
	POT	R 116+50.00	1520.03							
	POT	R 117+00.00	1518.69							
	PVC	R 117+47.93	1517.40							
SYMMETRICAL PARABOLA	PVC	R 117+47.93	1517.40	390.00	-2.6857%	-8.0000%	73	-2.59	398	50
	POC	R 117+50.00	1517.35							
	POC	R 118+00.00	1515.82							
	POC	R 118+50.00	1513.95							
	POC	R 119+00.00	1511.74							
	PVI	R 119+42.93	1512.17							
	POC	R 119+50.00	1509.19							
	POC	R 120+00.00	1506.30							
	POC	R 120+50.00	1503.07							
	POC	R 121+00.00	1499.50							
LINEAR	PVT	R 121+37.93	1496.57	156.68	-8.0000%					50
	POT	R 121+50.00	1495.60							
	POT	R 122+00.00	1491.60							
	POT	R 122+50.00	1487.60							
	PVC	R 122+94.61	1484.03							
SYMMETRICAL PARABOLA	PVC	R 122+94.61	1484.03	375.00	-8.0000%	-4.6400%	112	1.58	516	50
	POC	R 123+00.00	1483.60							
	POC	R 123+50.00	1479.74							
	POC	R 124+00.00	1476.10							
	POC	R 124+50.00	1472.68							
	PVI	R 124+82.11	1469.03							
	POC	R 125+00.00	1469.49							
	POC	R 125+50.00	1466.52							
	POC	R 126+00.00	1463.78							
	POC	R 126+50.00	1461.26							
PVT	R 126+69.61	1460.33								

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ROCHESTER VT. ROUTE 73											
LINEAR	PVT	R 126+69.61	1460.33	114.76	-4.6400%					50	
	POC	R 127+00.00	1458.92								
	POC	R 127+50.00	1456.60								
	PVC	R 127+84.37	1455.01								
SYMMETRICAL PARABOLA	PVC	R 127+84.37	1455.01	400.00	-4.6400%	-2.0604%	155	1.29	863	50	
	POC	R 128+00.00	1454.29								
	POC	R 128+50.00	1452.10								
	POC	R 129+00.00	1450.07								
	POC	R 129+50.00	1448.21								
	PVI	R 129+84.37	1445.73								
	POC	R 130+00.00	1446.50								
	POC	R 130+50.00	1444.96								
	POC	R 131+00.00	1443.57								
	POC	R 131+50.00	1442.35								
LINEAR	PVT	R 131+84.37	1441.61	118.64	-2.0604%					50	
	POT	R 132+00.00	1441.28								
	POT	R 132+50.00	1440.25								
	POT	R 133+00.00	1439.22								
SYMMETRICAL PARABOLA	PVC	R 133+03.01	1439.16	440.00	-2.0604%	-6.5691%	98	-2.48	459	50	
	POC	R 133+50.00	1438.08								
	POC	R 134+00.00	1436.68								
	POC	R 134+50.00	1435.03								
	POC	R 135+00.00	1433.11								
	PVI	R 135+23.01	1434.63								
	POC	R 135+50.00	1430.95								
	POC	R 136+00.00	1428.52								
	POC	R 136+50.00	1425.84								
	POC	R 137+00.00	1422.91								
LINEAR	PVT	R 137+43.01	1420.18	711.67	-6.5691%					50	
	POT	R 137+50.00	1419.72								
	POT	R 138+00.00	1416.43								
	POT	R 138+50.00	1413.15								
	POT	R 139+00.00	1409.86								
	POT	R 139+50.00	1406.58								
	POT	R 140+00.00	1403.29								
	POT	R 140+50.00	1400.01								
	POT	R 141+00.00	1396.73								
	POT	R 141+50.00	1393.44								
	POT	R 142+00.00	1390.16								
	POT	R 142+50.00	1386.87								
	POT	R 143+00.00	1383.59								
	POT	R 143+50.00	1380.30								
	POT	R 144+00.00	1377.02								
	POT	R 144+50.00	1373.73								
PVC	R 144+54.68	1373.43									

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

FILE NAME: z13cl76vat.dgn  
PROJECT LEADER: D. GOZALKOWSKI  
DESIGNED BY: J. OLSEN  
VERTICAL ALIGNMENT TABLE #4

PLOT DATE: 1/11/2017  
DRAWN BY: J. HEALD  
CHECKED BY: J. SHIELDS  
SHEET 173 OF 360

