

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 144+54.68	1373.43	500.00	-6.5691%	-3.0732%	143	2.18	615	50
	POC	R 145+00.00	1370.52							
	POC	R 145+50.00	1367.48							
	POC	R 146+00.00	1364.62							
	POC	R 146+50.00	1361.93							
	POC	R 147+00.00	1359.41							
	PVI	R 147+04.68	1357.00							
	POC	R 147+50.00	1357.08							
	POC	R 148+00.00	1354.91							
	POC	R 148+50.00	1352.92							
	POC	R 149+00.00	1351.11							
	POC	R 149+50.00	1349.46							
	PVT	R 149+54.68	1349.32							
	PVT	R 149+54.68	1349.32							
LINEAR	POT	R 150+00.00	1347.93	832.40	-3.0732%					50
	POT	R 150+50.00	1346.39							
	POT	R 151+00.00	1344.85							
	POT	R 151+50.00	1343.32							
	POT	R 152+00.00	1341.78							
	POT	R 152+50.00	1340.24							
	POT	R 153+00.00	1338.71							
	POT	R 153+50.00	1337.17							
	POT	R 154+00.00	1335.63							
	POT	R 154+50.00	1334.10							
	POT	R 155+00.00	1332.56							
	POT	R 155+50.00	1331.02							
	POT	R 156+00.00	1329.49							
	POT	R 156+50.00	1327.95							
	POT	R 157+00.00	1326.42							
	POT	R 157+50.00	1324.88							
	PVC	R 157+87.08	1323.74							
	PVC	R 157+87.08	1323.74							
SYMMETRICAL PARABOLA	POC	R 158+00.00	1323.34	350.00	-3.0732%	-5.2532%	161	-0.95	670	50
	POC	R 158+50.00	1321.68							
	POC	R 159+00.00	1319.87							
	POC	R 159+50.00	1317.91							
	PVI	R 159+62.08	1318.36							
	POC	R 160+00.00	1315.78							
	POC	R 160+50.00	1313.51							
	POC	R 161+00.00	1311.07							
PVT	R 161+37.08	1309.17								
PVT	R 161+37.08	1309.17								
LINEAR	POT	R 161+50.00	1308.49	158.01	-5.2532%					50
	POT	R 162+00.00	1305.86							
	POT	R 162+50.00	1303.24							
	PVC	R 162+95.09	1300.87							

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ROCHESTER VT. ROUTE 73											
SYMMETRICAL PARABOLA	PVC	R 162+95.09	1300.87	600.00	-5.2532%	-0.9447%	139	3.23	583	50	
	POC	R 163+00.00	1300.61								
	POC	R 163+50.00	1298.09								
	POC	R 164+00.00	1295.75								
	POC	R 164+50.00	1293.59								
	POC	R 165+00.00	1291.61								
	POC	R 165+50.00	1289.81								
	PVI	R 165+95.09	1285.11								
	POC	R 166+00.00	1288.19								
	POC	R 166+50.00	1286.75								
	POC	R 167+00.00	1285.48								
	POC	R 167+50.00	1284.40								
	POC	R 168+00.00	1283.50								
	POC	R 168+50.00	1282.77								
PVT	R 168+95.09	1282.27									
LINEAR	PVT	R 168+95.09	1282.27	768.36	-0.9447%					50	
	POT	R 169+00.00	1282.23								
	POT	R 169+50.00	1281.75								
	POT	R 170+00.00	1281.28								
	POT	R 170+50.00	1280.81								
	POT	R 171+00.00	1280.34								
	POT	R 171+50.00	1279.87								
	POT	R 172+00.00	1279.39								
	POT	R 172+50.00	1278.92								
	POT	R 173+00.00	1278.45								
	POT	R 173+50.00	1277.98								
	POT	R 174+00.00	1277.50								
	POT	R 174+50.00	1277.03								
	POT	R 175+00.00	1276.56								
POT	R 175+50.00	1276.09									
POT	R 176+00.00	1275.61									
POT	R 176+50.00	1275.14									
PVC	R 176+63.45	1275.01									
SYMMETRICAL PARABOLA	PVC	R 176+63.45	1275.01	540.00	-0.9447%	-9.9304%	60	-6.07	360	50	
	POC	R 177+00.00	1274.56								
	POC	R 177+50.00	1273.57								
	POC	R 178+00.00	1272.17								
	POC	R 178+50.00	1270.36								
	POC	R 179+00.00	1268.12								
	PVI	R 179+33.45	1272.46								
	POC	R 179+50.00	1265.48								
	POC	R 180+00.00	1262.41								
	POC	R 180+50.00	1258.93								
	POC	R 181+00.00	1255.03								
	POC	R 181+50.00	1250.72								
	POC	R 182+00.00	1245.99								
	PVT	R 182+03.45	1245.65								
PVT	R 182+03.45	1245.65									
LINEAR	POT	R 182+50.00	1241.03	147.40	-9.9304%					50	
	POT	R 183+00.00	1236.06								
	POT	R 183+50.00	1231.10								
	PVC	R 183+50.84	1231.01								

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

FILE NAME: z13cl76vat.dgn  
PROJECT LEADER: D. GOZALKOWSKI  
DESIGNED BY: J. OLSEN  
VERTICAL ALIGNMENT TABLE #5

PLOT DATE: 1/11/2017  
DRAWN BY: J. HEALD  
CHECKED BY: J. SHIELDS  
SHEET 174 OF 360

