

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 435+72.22	876.40	450.00	6.3300%	-4.4103%	42	-6.04	301	50
	POC	R 436+00.00	878.07							
	POC	R 436+50.00	880.60							
	POC	R 437+00.00	882.54							
	POC	R 437+50.00	883.88							
	PVI	R 437+97.22	890.65							
	POC	R 438+00.00	884.63							
	VHIGH	R 438+37.44	884.80							
	POC	R 438+50.00	884.78							
	POC	R 439+00.00	884.33							
	POC	R 439+50.00	883.28							
	POC	R 440+00.00	881.64							
	PVT	R 440+22.22	880.72							
	PVT	R 440+22.22	880.72							
LINEAR	POT	R 440+50.00	879.50	396.27	-4.4103%					50
	POT	R 441+00.00	877.29							
	POT	R 441+50.00	875.09							
	POT	R 442+00.00	872.88							
	POT	R 442+50.00	870.68							
	POT	R 443+00.00	868.47							
	POT	R 443+50.00	866.27							
	POT	R 444+00.00	864.06							
	PVC	R 444+18.49	863.25							
	PVC	R 444+18.49	863.25							
	POC	R 444+50.00	861.91							
	POC	R 445+00.00	860.04							
	PVI	R 445+18.49	858.84							
	POC	R 445+50.00	858.45							
POC	R 446+00.00	857.15								
SYMMETRICAL PARABOLA	PVT	R 446+18.49	856.75	200.00	-4.4103%	-2.0905%	86	0.58	758	50
	PVT	R 446+18.49	856.75							
	POT	R 446+50.00	856.09							
	PVC	R 446+78.09	855.50							
LINEAR	POT	R 446+50.00	856.09	59.60	-2.0905%					50
	PVC	R 446+78.09	855.50							
SYMMETRICAL PARABOLA	PVC	R 446+78.09	855.50	300.00	-2.0905%	-4.9113%	106	-1.06	533	50
	POC	R 447+00.00	855.02							
	POC	R 447+50.00	853.75							
	POC	R 448+00.00	852.25							
	PVI	R 448+28.09	852.36							
	POC	R 448+50.00	850.52							
	POC	R 449+00.00	848.54							
	POC	R 449+50.00	846.34							
PVT	R 449+78.09	845.00								
LINEAR	PVT	R 449+78.09	845.00	51.83	-4.9113%					50
	POT	R 450+00.00	843.92							
	PVC	R 450+29.92	842.45							

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ROCHESTER VT. ROUTE 73											
SYMMETRICAL PARABOLA	PVC	R 450+29.92	842.45	430.00	-4.9113%	-0.7773%	104	2.22	457	50	
	POC	R 450+50.00	841.48								
	POC	R 451+00.00	839.25								
	POC	R 451+50.00	837.25								
	POC	R 452+00.00	835.49								
	PVI	R 452+44.92	831.89								
	POC	R 452+50.00	833.97								
	POC	R 453+00.00	832.69								
	POC	R 453+50.00	831.66								
	POC	R 454+00.00	830.86								
	POC	R 454+50.00	830.30								
	PVT	R 454+59.92	830.22								
	PVT	R 454+59.92	830.22								
	POT	R 455+00.00	829.91								
LINEAR	POT	R 455+50.00	829.52	416.96	-0.7773%					50	
	POT	R 456+00.00	829.13								
	POT	R 456+50.00	828.74								
	POT	R 457+00.00	828.35								
	POT	R 457+50.00	827.97								
	POT	R 458+00.00	827.58								
	POT	R 458+50.00	827.19								
	PVC	R 458+76.88	826.98								
	PVC	R 458+76.88	826.98								
	POC	R 459+00.00	826.80								
SYMMETRICAL PARABOLA	POC	R 459+50.00	826.45	175.00	-0.7773%	-0.5000%	631	0.06	2318	50	
	PVI	R 459+64.38	826.30								
	POC	R 460+00.00	826.14								
	POC	R 460+50.00	825.87								
LINEAR	PVT	R 460+51.88	825.86	25.66	-0.5000%					50	
	PVC	R 460+77.54	825.73								
SYMMETRICAL PARABOLA	PVC	R 460+77.54	825.73	0.14	-0.5000%	0.1240%	160	0.08	658	50	
	POE	R 460+77.68	825.73								

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

FILE NAME: z13cl76vat.dgn PLOT DATE: 1/11/2017
PROJECT LEADER: D. GOZALKOWSKI DRAWN BY: J. HEALD
DESIGNED BY: J. OLSEN CHECKED BY: J. SHIELDS
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