

VERTICAL ALIGNMENT TABLE										
ELEMENT	POINT TYPE	STATION	ELEVATION	LENGTH	ENTRANCE GRADE	EXIT GRADE	K	MIDDLE ORDINATE	SSD/HSD	DESIGN SPEED
CHITTENDEN VT. ROUTE 73										
LINEAR	POB	C 0+00.00	1044.97	597.95	-0.9139%					50
	POT	C 0+50.00	1044.51							
	POT	C 1+00.00	1044.06							
	POT	C 1+50.00	1043.60							
	POT	C 2+00.00	1043.14							
	POT	C 2+50.00	1042.69							
	POT	C 3+00.00	1042.23							
	POT	C 3+50.00	1041.77							
	POT	C 4+00.00	1041.31							
	POT	C 4+50.00	1040.86							
	POT	C 5+00.00	1040.40							
	POT	C 5+50.00	1039.94							
	PVC	C 5+97.95	1039.51							
	PVC	C 5+97.95	1039.51							
SYMMETRICAL PARABOLA	POC	C 6+00.00	1039.49	100.00	-0.9139%	-2.0631%	87	-0.14	989	50
	PVI	C 6+47.95	1039.05							
	POC	C 6+50.00	1038.87							
	PVT	C 6+97.95	1038.02							
LINEAR	PVT	C 6+97.95	1038.02	6.60	-2.0631%					50
	POT	C 7+00.00	1037.97							
	POE	C 7+04.54	1037.88							
ROCHESTER VT. ROUTE 73										
LINEAR	POB	R 252+17.87	1037.88	66.19	-2.0631%					50
	POT	R 252+50.00	1037.22							
	PVC	R 252+84.06	1036.52							
SYMMETRICAL PARABOLA	PVC	R 252+84.06	1036.52	200.00	-2.0631%	-4.8826%	71	-0.70	483	50
	POC	R 253+00.00	1036.17							
	POC	R 253+50.00	1034.85							
	PVI	R 253+84.06	1034.45							
	POC	R 254+00.00	1033.18							
	POC	R 254+50.00	1031.15							
	PVT	R 254+84.06	1029.57							
LINEAR	PVT	R 254+84.06	1029.57	454.94	-4.8826%					50
	POT	R 255+00.00	1028.79							
	POT	R 255+50.00	1026.35							
	POT	R 256+00.00	1023.91							
	POT	R 256+50.00	1021.47							
	POT	R 257+00.00	1019.03							
	POT	R 257+50.00	1016.58							
	POT	R 258+00.00	1014.14							
	POT	R 258+50.00	1011.70							
	POT	R 259+00.00	1009.26							
	PVC	R 259+39.00	1007.36							
SYMMETRICAL PARABOLA	PVC	R 259+39.00	1007.36	200.00	-4.8826%	0.1570%	40	1.26	214	50
	POC	R 259+50.00	1006.83							
	POC	R 260+00.00	1004.85							
	PVI	R 260+39.00	1002.47							
	POC	R 260+50.00	1003.49							
	POC	R 261+00.00	1002.76							
	VLOW	R 261+32.77	1002.63							
LINEAR	PVT	R 261+39.00	1002.63	192.60	0.1570%					50
	POT	R 261+50.00	1002.65							
	POT	R 262+00.00	1002.73							
	POT	R 262+50.00	1002.80							
	POT	R 263+00.00	1002.88							
	PVC	R 263+31.60	1002.93							

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ROCHESTER VT. ROUTE 73											
SYMMETRICAL PARABOLA	PVC	R 263+31.60	1002.93	200.00	0.1570%	-2.0045%	93	-0.54	599	50	
	VHIGH	R 263+46.13	1002.94								
	POC	R 263+50.00	1002.94								
	POC	R 264+00.00	1002.79								
	PVI	R 264+31.60	1003.09								
	POC	R 264+50.00	1002.36								
	POC	R 265+00.00	1001.66								
	PVT	R 265+31.60	1001.09								
	PVT	R 265+31.60	1001.09								
	POT	R 265+50.00	1000.72								
LINEAR	POT	R 266+00.00	999.71	960.15	-2.0045%					50	
	POT	R 266+50.00	998.71								
	POT	R 267+00.00	997.71								
	POT	R 267+50.00	996.71								
	POT	R 268+00.00	995.71								
	POT	R 268+50.00	994.70								
	POT	R 269+00.00	993.70								
	POT	R 269+50.00	992.70								
	POT	R 270+00.00	991.70								
	POT	R 270+50.00	990.69								
	POT	R 271+00.00	989.69								
	POT	R 271+50.00	988.69								
	POT	R 272+00.00	987.69								
	POT	R 272+50.00	986.68								
	POT	R 273+00.00	985.68								
	POT	R 273+50.00	984.68								
	POT	R 274+00.00	983.68								
	POT	R 274+50.00	982.68								
	PVC	R 274+91.75	981.84								
SYMMETRICAL PARABOLA	PVC	R 274+91.75	981.84	350.00	-2.0045%	-0.5261%	237	0.65	930	50	
	POC	R 275+00.00	981.67								
	POC	R 275+50.00	980.74								
	POC	R 276+00.00	979.92								
	POC	R 276+50.00	979.20								
	PVI	R 276+66.75	978.33								
	POC	R 277+00.00	978.58								
	POC	R 277+50.00	978.07								
	POC	R 278+00.00	977.67								
	PVT	R 278+41.75	977.41								
LINEAR	PVT	R 278+41.75	977.41	216.05	-0.5261%					50	
	POT	R 278+50.00	977.37								
	POT	R 279+00.00	977.10								
	POT	R 279+50.00	976.84								
	POT	R 280+00.00	976.58								
	POT	R 280+50.00	976.31								
	PVC	R 280+57.80	976.27								

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

FILE NAME: z13cl76vat.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. OLSEN
VERTICAL ALIGNMENT TABLE #8

PLOT DATE: 1/11/2017
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 177 OF 360

