

Element	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD	Element	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD	Element	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD	
Symmetrical Parabola	PVC	318+35.00	683.86	530	-3.53%	-0.04%	151.8	2.31	Symmetrical Parabola	PVC	343+17.50	678.6	185	-5.87%	-2.91%	62.42	0.69	Symmetrical Parabola	PVC	366+75.00	683.22	270	1.98%	5.26%	82.52	1.1	
	POVC	318+50.00	683.34							POVC	343+50.00	676.78							POVC	367+00.00	683.76						
	POVC	319+00.00	681.7							POVC	344+00.00	674.3							POVC	367+50.00	685.05						
	POVC	319+50.00	680.23							PVI	344+10.00	673.17							POVC	368+00.00	686.65						
	POVC	320+00.00	678.93							POVC	344+50.00	672.23							POVC	368+10.00	685.9						
	POVC	320+50.00	677.79							POVC	345+00.00	670.55							POVC	368+50.00	688.55						
	PVI	321+00.00	674.5							PVT	345+02.50	670.48							POVC	369+00.00	690.75						
	POVC	321+00.00	676.81							PVT	345+02.50	670.48							PVT	369+45.00	693						
	POVC	321+50.00	676							POVT	345+50.00	669.09							PVT	369+45.00	693						
	POVC	322+00.00	675.36							POVT	346+00.00	667.64							POVT	369+50.00	693.26						
	POVC	322+50.00	674.87							POVT	346+50.00	666.18							POVT	370+00.00	695.89						
	POVC	323+00.00	674.56							POVT	347+00.00	664.73							PVC	370+41.50	698.07						
	POVC	323+50.00	674.4							POVT	347+50.00	663.27							PVC	370+41.50	698.07						
	PVT	323+65.00	674.39							POVT	348+00.00	661.82							A 0+00.00								
PVT	323+65.00	674.39	PVC	348+50.00	660.36	PVI	A 1+30.00	704.9																			
POVT	324+00.00	674.38	POVC	348+50.00	660.36	POVC	A 0+50.00	700.44																			
POVT	324+50.00	674.36	POVC	349+00.00	659.19	POVC	A 1+00.00	702.29																			
POVT	325+00.00	674.34	PVI	349+50.00	657.45	POVC	A 1+50.00	703.63																			
PVC	325+10.00	674.33	POVC	349+50.00	658.61	VLOW	A 2+00.00	704.46																			
PVC	325+10.00	674.33	VLOW	349+75.79	658.53	POVC	A 2+50.00	704.77																			
VLOW	325+24.58	674.33	POVC	350+00.00	658.6	VHIGH	A 2+55.06	704.77																			
POVC	325+50.00	674.34	PVT	350+50.00	659.17	PVT	A 2+60.00	704.77																			
PVI	325+85.00	674.3	PVT	350+50.00	659.17	PVT	A 2+60.00	704.77																			
POVC	326+00.00	674.41	PVC	350+90.00	659.85	PVC	A 2+82.50	704.74																			
POVC	326+50.00	674.55	POVC	351+00.00	660.03	PVC	A 2+82.50	704.74																			
PVT	326+60.00	674.59	POVC	351+50.00	660.87	VLOW	A 2+86.07	704.74																			
PVT	326+60.00	674.59	PVI	351+80.00	661.4	POVC	A 3+00.00	704.77																			
POVT	327+00.00	674.74	POVC	352+00.00	661.7	POVC	A 3+50.00	705.32																			
POVT	327+50.00	674.93	POVC	352+50.00	662.51	POVC	A 4+00.00	706.59																			
PVC	327+80.00	675.05	PVT	352+70.00	662.84	PVI	A 4+25.00	704.6																			
PVC	327+80.00	675.05	PVT	352+70.00	662.84	POVC	A 4+50.00	708.57																			
POVC	328+00.00	675.12	POVT	353+00.00	663.31	POVC	A 5+00.00	711.26																			
POVC	328+50.00	675.27	POVT	353+50.00	664.11	POVC	A 5+50.00	714.66																			
PVI	328+90.00	675.47	POVT	354+00.00	664.91	PVT	A 5+67.50	716.02																			
POVC	329+00.00	675.38	POVT	354+50.00	665.71	PVT	A 5+67.50	716.02																			
POVC	329+50.00	675.44	PVC	355+00.00	666.5	POVT	A 6+00.00	718.62																			
VHIGH	329+97.33	675.46	POVC	355+00.00	666.5	POVT	A 6+50.00	722.63																			
PVT	330+00.00	675.46	PVT	356+10.00	668.97	PVC	A 6+90.00	725.84																			
PVT	330+00.00	675.46	POVC	356+10.00	668.97	POVC	A 6+90.00	725.84																			
POVT	330+50.00	675.46	PVI	356+50.00	670.12	POVC	A 7+00.00	726.63																			
PVC	330+65.00	675.46	POVT	357+00.00	671.57	POVC	A 7+50.00	730.33																			
PVC	330+65.00	675.46	POVT	357+50.00	673.01	POVC	A 8+00.00	733.58																			
VLOW	330+65.41	675.46	POVT	358+00.00	674.45	POVC	A 8+50.00	736.39																			
POVC	331+00.00	675.53	POVT	358+50.00	675.9	POVC	A 9+00.00	738.75																			
POVC	331+50.00	675.87	PVC	358+95.00	677.2	PVI	A 9+35.00	745.47																			
POVC	332+00.00	676.49	POVC	359+00.00	677.34	POVC	A 9+50.00	740.67																			
POVC	332+50.00	677.4	POVC	359+50.00	678.4	POVC	A 10+00.00	742.15																			
PVI	332+80.00	675.45	PVI	359+90.00	679.94	POVC	A 10+50.00	743.19																			
POVC	333+00.00	678.6	POVC	360+00.00	678.84	POVC	A 11+00.00	743.78																			
POVC	333+50.00	680.08	VHIGH	360+09.47	678.85	POVC	A 11+41.65	743.93																			
POVC	334+00.00	681.84	POVC	360+50.00	678.64	PVC	A 11+50.00	743.93																			
POVC	334+50.00	683.89	PVT	360+85.00	678.13	PVT	A 11+80.00	743.8																			
PVT	334+95.00	685.98	PVT	360+85.00	678.13	PVT	A 11+80.00	743.8																			
PVT	334+95.00	685.98	POVT	361+00.00	677.84	POVT	A 11+80.00	743.8																			
POVT	335+00.00	686.23	POVT	361+50.00	676.89	POVT	A 12+00.00	743.67																			
POVT	335+50.00	688.68	PVC	361+60.00	676.7	POVT	A 12+50.00	743.33																			
POVT	336+00.00	691.13	POVC	361+60.00	676.7	PVC	A 12+90.00	743.05																			
POVT	336+50.00	693.58	POVC	362+00.00	676.1	PVC	A 12+90.00	743.05																			
PVC	336+95.00	695.78	POVC	362+50.00	675.81	POVC	A 13+00.00	742.98																			
PVC	336+95.00	695.78	VLOW	362+53.07	675.81	POVC	A 13+50.00	742.57																			
POVC	337+00.00	696.02	PVI	362+55.00	674.89	POVC	A 14+00.00	742.07																			
POVC	337+50.00	698.02	POVC	363+00.00	676.04	PVT	A 14+10.00	741.95																			
POVC	338+00.00	699.28	PVT	363+50.00	676.77	PVT	A 14+10.00	741.95																			
POVC	338+50.00	699.78	POVT	363+50.00	676.77	POVT	A 14+50.00	741.49																			
VHIGH	338+58.70	699.79	POVT	364+00.00	677.77	POVT	A 15+00.00	740.91																			
PVI	338+75.00	704.6	POVT	364+50.00	678.76	PVC	A 15+30.00	740.56																			
POVC	339+00.00	699.54	POVT	365+00.00	679.75	PVC	A 15+30.00	740.56																			
POVC	339+50.00	698.54	POVT	365+50.00	680.74	POVC	A 15+50.00	740.35																			
POVC	340+00.00	696.8	POVT	366+00.00	681.73	POVC	A 16+00.00	739.95																			
POVC	340+50.00	694.32	POVT	366+50.00	682.73	PVI	A 16+05.00	739.69																			
PVT	340+55.00	694.03	PVC	366+75.00	683.22	POVC	A 16+50.00	739.75																			
PVT	340+55.00	694.03				VLOW	A 16+72.93	739.73																			
POVT	341+00.00	691.38				PVRC	A 16+80.00	739.74																			
POVT	341+50.00	688.44																									
POVT	342+00.00	685.51																									
POVT	342+50.00	682.57																									
POVT	343+00.00	679.63																									
PVC	343+17.50	678.6																									

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

PROJECT NAME: BETHEL-RANDOLPH
PROJECT NUMBER: STP 2921(I)
FILE NAME: z10c244.dgn PLOT DATE: 4/23/2015
PROJECT LEADER: C. LATHROP DRAWN BY: J. GOODALL
DESIGNED BY: S. LAMPHERE CHECKED BY: C. LATHROP
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