Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVT	383+75.00	598.12	400	-0.72%				
	POVT	384+00.00	597.94						
	POVT	384+50.00	597.59						
	POVT	385+00.00	597.23						
	POVT	385+50.00	596.87						
	POVT	386+00.00	596.51						
	POVT	386+50.00	596.15						
	POVT	387+00.00	595.79						
	POVT	387+50.00	595.43						
	PVC	387+75.00	595.25						
Symmetrical Parabola	PVC	387+75.00	595.25	240	-0.72%	-7.56%	35	-2.05	278
	POVC	388+00.00	594.98						
	POVC	388+50.00	593.91						
	PVI	388+95.00	594.39						
	POVC	389+00.00	592.12						
	POVC	389+50.00	589.63						
	POVC	390+00.00	586.42						
	PVT	390+15.00	585.31						
Linear	PVT	390+15.00	585.31	75	-7.56%				
	POVT	390+50.00	582.67						
	PVC	390+90.00	579.64						
Symmetrical Parabola	PVC	390+90.00	579.64	260	-7.56%	-3.94%	72	1.18	
	POVC	391+00.00	578.89						
	POVC	391+50.00	575.36						
	POVC	392+00.00	572.17						
	PVI	392+20.00	569.81						
	POVC	392+50.00	569.33						
	POVC	393+00.00	566.84						
	PVT	393+50.00	564.70						
Linear	PVT	393+50.00	564.70	425	-3.94%				
	POVT	394+00.00	562.73						
	POVT	394+50.00	560.76						
	POVT	395+00.00	558.79						
	POVT	395+50.00	556.82						
	POVT	396+00.00	554.85						
	POVT	396+50.00	552.88						
	POVT	397+00.00	550.92						
	POVT	397+50.00	548.95						
	PVC	397+75.00	547.96						
Symmetrical Parabola	PVC	397+75.00	547.96	250	-3.94%	-1.18%	91	0.86	
	POVC	398+00.00	547.01						
	POVC	398+50.00	545.32						
	PVI	399+00.00	543.04						
	POVC	399+50.00	542.76						
	POVC	400+00.00	541.89						
	PVT	400+25.00	541.56						
Linear	PVT	400+25.00	541.56	125	-1.18%				
	POVT	400+50.00	541.26						
	POVT	401+00.00	540.67						
	PVC	401+50.00	540.08						
Symmetrical Parabola	PVC	401+50.00	540.08	250	-1.18%	-3.27%	120	-0.65	643
	POVC	402+00.00	539.38						
	POVC	402+50.00	538.48						
	PVI	402+75.00	538.60						
	POVC	403+00.00	537.37						
	POVC	403+50.00	536.04						
	PVT	404+00.00	534.51						
Linear	PVT	404+00.00	534.51	20	-3.27%				
	PVC	404+20.00	533.86						
Symmetrical Parabola	PVC	404+20.00	533.86	120	-3.27%	-0.14%	38	0.47	
	POVC	404+50.00	533.00						
	PVI	404+80.00	531.90						
	POVC	405+00.00	532.08						
	PVT	405+40.00	531.81						
Linear	PVT	405+40.00	531.81	305	-0.14%				
	POVT	405+50.00	531.80						
	POVT	406+00.00	531.73						
	POVT	406+50.00	531.65						
	POVT	407+00.00	531.58						
	POVT	407+50.00	531.51						
	POVT	408+00.00	531.44						
	PVC	408+45.00	531.37						

Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Symmetrical Parabola	PVC	408+45.00	531.37	210	-0.14%	-2.51%	89	-0.62	562
	POVC	408+50.00	531.36						
	POVC	409+00.00	531.12						
	PVI	409+50.00	531.22						
	POVC	410+00.00	529.80						
	POVC	410+50.00	528.71						
	PVT	410+55.00	528.59						
Linear	PVT	410+55.00	528.59	235	-2.51%				
	POVT	411+00.00	527.46						
	POVT	411+50.00	526.20						
	POVT	412+00.00	524.95						
	POVT	412+50.00	523.70						
	PVC	412+90.00	522.69						
Symmetrical Parabola	PVC	412+90.00	522.69	140	-2.51%	0.62%	45	0.55	
	POVC	413+00.00	522.45						
	POVC	413+50.00	521.59						
	PVI	413+60.00	520.94						
	POVC	414+00.00	521.29						
	VLOW	414+02.13	521.29						
	PVT	414+30.00	521.37						
Linear	PVT	414+30.00	521.37	60	0.62%				
	POVT	414+50.00	521.50						
	PVC	414+90.00	521.75						
Symmetrical Parabola	PVC	414+90.00	521.75	120	0.62%	-3.02%	33	-0.55	356
	POVC	415+00.00	521.79						
	VHIGH	415+10.55	521.81						
	PVI	415+50.00	522.12						
	POVC	416+00.00	520.60						
	PVT	416+10.00	520.31						
Linear	PVT	416+10.00	520.31	125	-3.02%				
	POVT	416+50.00	519.10						
	POVT	417+00.00	517.60						
	PVC	417+35.00	516.54						
Symmetrical Parabola	PVC	417+35.00	516.54	110	-3.02%	-1.92%	101	0.15	
	POVC	417+50.00	516.10						
	PVI	417+90.00	514.88						
	POVC	418+00.00	514.79						
	PVT	418+45.00	513.82						
Linear	PVT	418+45.00	513.82	175	-1.92%				
	POVT	418+50.00	513.73						
	POVT	419+00.00	512.76						
	POVT	419+50.00	511.80						
	POVT	420+00.00	510.84						
	PVC	420+20.00	510.45						
Symmetrical Parabola	PVC	420+20.00	510.45	200	-1.92%	-1.63%	675	0.07	
	POVC	420+50.00	509.88						
	POVC	421+00.00	508.96						
	PVI	421+20.00	508.53						
	POVC	421+50.00	508.08						
	POVC	422+00.00	507.23						
	PVT	422+20.00	506.90						
Linear	PVT	422+20.00	506.90	1085	-1.63%				
	POVT	422+50.00	506.41						
	POVT	423+00.00	505.60						
	POVT	423+50.00	504.78						
	POVT	424+00.00	503.97						
	POVT	424+50.00	503.16						
	POVT	425+00.00	502.34						
	POVT	425+50.00	501.53						
	POVT	426+00.00	500.71						
	POVT	426+50.00	499.90						
	POVT	427+00.00	499.08						
	POVT	427+50.00	498.27						
	POVT	428+00.00	497.46						
	POVT	428+50.00	496.64						
	POVT	428+75.00	496.23						

VERTICAL ALIGNMENT SHEET 8

PROJECT NAME: WEATHERSFIELD

PROJECT NUMBER: STP 2913(1)

FILE NAME: 10c228.dgn
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: p10C228_88

PLOT DATE: 2/7/2013
DRAWN BY: JLS
CHECKED BY: PTS
SHEET 88 OF 234