

HORIZONTAL CURVE DATA

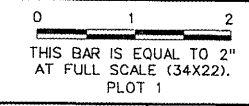
CURVE	POINT	OFFSET	COORDINATES		CURVE ELEMENTS	
			NORTHING	EASTING		
C1	PC	108+67.61	10.00' L	1457550.32	2430735.62	RADIUS= 30'
	RP	108+67.61	40.00' L	1457568.87	2430712.04	LENGTH= 57.47'
	PT	108+95.84	50.14' L	1457597.33	2430721.52	DELTA= 109° 45' 36"
C2	PC	109+67.19	29.96' L	1457640.95	2430781.48	RADIUS= 30'
	RP	109+95.46	40.00' L	1457669.38	2430791.06	LENGTH= 36.88'
	PT	109+95.46	10.00' L	1457650.84	2430814.64	DELTA= 70° 26' 39"
C3	PC	108+96.54	10.00' R	1457560.71	2430769.23	RADIUS= 30'
	RP	108+96.54	40.00' R	1457542.17	2430792.81	LENGTH= 36.62'
	PT	109+24.72	29.71' R	1457570.68	2430802.14	DELTA= 69° 56' 29"
C4	PC	109+95.27	49.85' R	1457613.69	2430861.58	RADIUS= 30'
	RP	110+23.61	40.00' R	1457642.06	2430871.35	LENGTH= 57.16'
	PT	110+23.61	10.00' R	1457660.60	2430847.76	DELTA= 109° 10' 33"
C5	PC	123+68.61	143.90' L	1458813.07	2431538.06	RADIUS= 50'
	RP	124+00.46	105.36' L	1458814.29	2431608.04	LENGTH= 113.07'
	PT	124+50.46	105.36' L	1458853.60	2431638.94	DELTA= 129° 34' 25"
C6	PC	124+85.46	217.68' L	1458950.53	2431572.28	RADIUS= 50'
	RP	125+35.46	217.68' L	1458989.84	2431603.18	LENGTH= 44.31'
	PT	125+03.84	256.41' L	1458988.92	2431553.19	DELTA= 50° 46' 32"
C7	PC	124+00.46	20.00' L	1458761.54	2431675.15	RADIUS= 50'
	RP	124+00.46	70.00' L	1458792.44	2431635.84	LENGTH= 78.54'
	PT	124+50.46	70.00' L	1458831.75	2431666.74	DELTA= 90° 0' 0"
C8	PC	124+85.46	60.00' L	1458853.08	2431696.23	RADIUS= 50'
	RP	125+35.46	60.00' L	1458892.39	2431727.14	LENGTH= 78.54'
	PT	125+35.46	10.00' L	1458861.49	2431766.44	DELTA= 90° 0' 0"
C9	PC	128+10.02	0	1459071.14	2431943.99	RADIUS= 150'
	RP	128+43.68	149.77' L	1459163.85	2431826.07	LENGTH= 25.37'
	PT	128+35.38	0	1459092.31	2431957.92	DELTA= 9° 41' 20"
C10	PC	128+86.33	0	1459138.37	2431979.70	RADIUS= 150'
	RP	128+86.33	150.00' R	1459074.23	2432115.30	LENGTH= 32.61'
	PT	129+18.94	0	1459166.10	2431996.73	DELTA= 12° 17' 19"
C11	PC	132+95.81	12.50' R	1459458.16	2432235.68	RADIUS= 1400'
	RP	152+41.34	124.61' R	1458599.30	2433341.28	LENGTH= 101.74'
	PT	133+98.52	10.00' R	1459536.16	2432300.96	DELTA= 4° 9' 49"
C12	PC	133+65.50	0	1459519.37	2432270.46	RADIUS= 400'
	RP	133+65.50	400.00' R	1459274.37	2432586.65	LENGTH= 557.00'
	PT	139+22.50	0	1459629.00	2432771.69	DELTA= 79° 47' 4"
C13	PC	138+98.52	12.50' R	1459628.04	2432745.00	RADIUS= 1400'
	RP	123+89.42	635.84' R	1458345.94	2432182.67	LENGTH= 95.98'
	PT	139+92.19	10.00' R	1459587.89	2432828.85	DELTA= 3° 48' 19"
C14	PC	141+46.49	0	1459525.38	2432970.27	RADIUS= 1000'
	RP	156+54.18	600.68' R	1458638.82	2432507.66	LENGTH= 331.28'
	PT	144+77.77	0	1459326.71	2433233.47	DELTA= 18° 58' 57"
C15	PC	145+38.11	10.00' R	1459276.04	2433267.72	RADIUS= 1200'
	RP	158+72.17	595.13' R	1458451.71	2432395.66	LENGTH= 102.71'
	PT	146+42.08	13.00' R	1459198.47	2433335.00	DELTA= 4° 54' 15"
C16	PC	146+11.11	0	1459229.93	2433325.20	RADIUS= 300'
	RP	149+49.76	300.00' R	1459023.56	2433107.45	LENGTH= 397.03'
	PT	150+08.14	0	1458862.98	2433360.86	DELTA= 75° 49' 36"
C17	PC	149+77.16	13.00' R	1458895.74	2433364.42	RADIUS= 1200'
	RP	133+26.33	66.38' R	1459447.67	2432298.88	LENGTH= 102.71'
	PT	150+81.13	10.00' R	1458806.67	2433313.33	DELTA= 4° 54' 14"
C18	PC	158+77.25	0	1458128.86	2432895.63	RADIUS= 1000'
	RP	125+56.17	335.64' R	1458664.14	2432050.96	LENGTH= 242.34'
	PT	161+19.59	0	1457941.80	2432742.49	DELTA= 13° 53' 7"
C19	PC	167+14.25	0	1457530.57	2432312.95	RADIUS= 1000'
	RP	119+65.00	251.77' R	1458257.23	2431619.66	LENGTH= 282.08'
	PT	169+96.34	0	1457366.07	2432084.94	DELTA= 16° 9' 44"
C20	PC	170+87.95	0	1457323.44	2432003.85	RADIUS= 1000'
	RP	175+06.07	1000' L	1456438.28	2432469.14	LENGTH= 418.11'
	PT	175+06.07	0	1457058.27	2431684.52	DELTA= 23° 57' 22"
C21	PC	191+70.42	0	1455752.40	2430652.65	RADIUS= 200'
	RP	191+70.40	200.00' L	1455628.41	2430809.58	LENGTH= 132.41'
	PT	193+02.83	0	1455629.73	2430609.59	DELTA= 37° 55' 56"
C22	PC	198+25.34	0	1455107.23	2430606.13	RADIUS= 200'
	RP	199+93.32	200.00' L	1455105.91	2430806.13	LENGTH= 167.99'
	PT	199+93.32	0	1454957.88	2430671.64	DELTA= 48° 7' 28"
C23	PC	200+87.28	0	1454894.70	2430741.19	RADIUS= 200'
	RP	202+53.80	200.00' L	1454746.67	2430606.70	LENGTH= 166.52'
	PT	202+53.80	0	1454746.81	2430806.70	DELTA= 47° 42' 11"
C24	PC	203+96.82	0	1454603.79	2430806.81	RADIUS= 200'
	RP	204+87.90	200.00' L	1454603.94	2431006.81	LENGTH= 91.08'
	PT	204+87.90	0	1454515.84	2430827.26	DELTA= 26° 5' 33"
C25	PC	205+58.21	0	1454452.72	2430858.23	RADIUS= 200'
	RP	206+51.07	200.00' R	1454364.62	2430678.67	LENGTH= 92.86'
	PT	206+51.07	0	1454362.99	2430878.67	DELTA= 26° 36' 8"
C26	PC	210+31.82	10.00' L	1453982.17	2430885.56	RADIUS= 1000'
	RP	211+05.99	200.00' L	1453906.45	2431074.95	LENGTH= 106.17'
	PT	211+40.29	14.00' L	1453876.21	2430891.43	DELTA= 6° 5' 0"
C27	PC	211+05.99	0	1453908.08	2430874.96	RADIUS= 200'
	RP	211+05.99	200.00' L	1453906.45	2431074.95	LENGTH= 190.16'
	PT	212+96.15	0	1453744.63	2430957.42	DELTA= 54° 28' 32"
C28	PC	212+61.85	14.00' L	1453776.82	2430941.57	RADIUS= 1000'
	RP	206+18.33	752.14' L	1454512.11	2431619.32	LENGTH= 106.18'
	PT	213+70.32	10.00' L	1453709.13	2431023.31	DELTA= 6° 5' 0"


INLET NO.	INLET TYPE	STATION	OFFSET	COORDINATES		RIM ELEV.	INVERT ELEVATIONS				
				NORTHING	EASTING		NORTH	SOUTH	EAST	WEST	
1	TYPE II - IN TURF	113+77.73	46.12 L	1457973.68	2431022.51	644.75		641.75			
2	TYPE II - IN TURF	113+59.10	25.28 R	1457914.90	2431067.13	648.47	644.97				
3	TYPE II - IN TURF	118+91.37	286.04 L	1458525.75	2431151.36	643.90		635.72	629.72	629.72	
4	TYPE II - IN TURF	121+30.24	25.77 L	1458552.67	2431503.60	648.90				636.37	636.37
5	TYPE II - IN TURF	121+77.61	25.76 L	1458589.91	2431532.88	649.00					
6	TYPE II - IN TURF	123+50.00	60.00 L	1458746.59	2431612.51	649.00	643.82	643.82			
7	TYPE II - IN TURF	125+43.70	59.92 L	1458898.82	2431732.29	649.26		645.76			
8	TYPE II - IN TURF	121+45.27	25.00 R	1458532.94	2431552.83	649.02	637.99			637.99	637.99
9	TYPE II - IN TURF	138+76.97	28.34 R	1459621.38	2432719.74	633.31	629.56				
10	TYPE II - IN TURF	138+15.68	88.64 L	1459751.97	2432689.95	631.87		627.87	627.87		
11	TYPE II - IN TURF	140+39.36	80.70 L	1459646.64	2432912.31	629.23				625.23	625.23
12	TYPE II - IN TURF	141+02.62	83.02 L	1459619.44	2432969.48	628.62					624.60
13	TYPE II - IN TURF	143+99.24	69.17 L	1459433.15	2433223.31	632.47					628.97
14	TYPE II - IN TURF	146+43.65	28.07 R	1459188.41	2433323.72	635.97	632.47				
15	TYPE II - IN TURF	144+49.72	61.11 L	1459390.32	2433256.79	631.38				626.50	627.88
16	TYPE II - IN TURF	147+33.51	107.91 L	1459164.10	2433490.39	635.00	634.50				
17	TYPE II - IN TURF	210+65.50	28.60 R	1453949.15	2430846.69	637.41				630.65	
18	TYPE II - IN TURF	210+08.01	24.02 L	1454006.22	2430899.78	637.32		629.88			629.88

END NO.	STATION	OFFSET	COORDINATES		FLOWLINE ELEV.
			NORTHING	EASTING	
ES 1	161+24.95	24.17 L	1457920.87	2432755.59	652.90
ES 2	162+01.85	24.56 L	1457867.41	2432700.31	653.90
ES 3	161+22.56	24.93 R	1457958.00	2432723.37	652.90
ES 4	161+92.26	24.60 R	1457909.56	2432673.25	653.90
ES 5	179+03.00	39.88 R	1456771.83	2431407.36	654.86
ES 6	179+01.98	101.34 L	1456685.07	2431518.79	654.32
ES 7	210+38.26	49.57 L	1453975.76	2430925.08	629.88


END NO.	STATION	OFFSET	COORDINATES		TOP ELEV.	FLOWLINE ELEV.
			NORTHING	EASTING		
MH 1	153+72.55	57.12 R	1458586.03	2433117.73	636.49	632.99
MH 2	154+12.34	126.60 L	1458454.09	2433251.61	640.00	614.19
MH 3	157+37.49	47.16 R	1458272.45	2432930.80	636.45	630.65
MH 4	157+66.07	53.62 L	1458194.36	2433000.63	639.76	612.91

NUMBER	BY	DATE



  
**GREATER Peoria REGIONAL Airport**

**CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1**

  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
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