

HORIZONTAL CURVE DATA - SOUTH PLAN

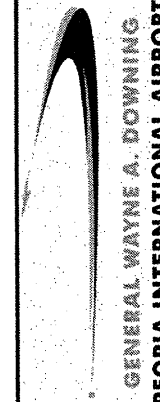
Curve	Point	Offset	Coordinates		Curve Elements	
			Northing	Easting		
C1	PC	0+00	33.00' LT	1453530.90	2429320.20	RADIUS= 25'
	RP	0+25	33.00' LT	1453545.63	2429300.00	LENGTH= 39.27'
	PT	0+25	8.00' LT	1453565.83	2429314.73	DELTA= 90° 00' 00"
C2	PC	0+00	33.00' RT	1453578.76	2429324.15	RADIUS= 25'
	RP	0+25	33.00' RT	1453598.96	2429338.88	LENGTH= 39.27'
	PT	0+25	8.00' RT	1453578.76	2429324.15	DELTA= 90° 00' 00"
C3	PC	0+38	0	1453579.68	2429309.32	RADIUS= 100'
	RP	1+14	100.00' LT	1453498.87	2429250.41	LENGTH= 153.18'
	PT	1+91	0	1453560.88	2429171.96	DELTA= 87° 45' 57"
C4	PC	9+81	8.00' RT	1452945.58	2428675.37	RADIUS= 15'
	RP	9+81	23.00' RT	1452954.88	2428663.61	LENGTH= 23.56'
	PT	9+96	23.00' RT	1452943.11	2428654.30	DELTA= 90° 00' 00"
C5	PC	10+06	23.00' RT	1452935.27	2428648.10	RADIUS= 15'
	RP	10+21	23.00' RT	1452923.50	2428638.80	LENGTH= 23.56'
	PT	10+21	8.00' RT	1452914.20	2428650.57	DELTA= 90° 00' 00"
C6	PC	9+96	143.13' RT	1453017.61	2428560.06	RADIUS= 15'
	RP	9+81	143.13' RT	1453029.38	2428569.36	LENGTH= 23.56'
	PT	9+81	158.13' RT	1453038.68	2428557.59	DELTA= 90° 00' 00"
C7	PC	10+06	143.97' RT	1453010.28	2428553.21	RADIUS= 15'
	RP	10+21	143.97' RT	1452998.52	2428543.90	LENGTH= 23.56'
	PT	10+21	158.97' RT	1453007.82	2428532.14	DELTA= 19° 52' 50"
C8	PC	30+66	8.00' RT	1451317.79	2427376.98	RADIUS= 25'
	RP	30+66	33.00' RT	1451337.15	2427361.16	LENGTH= 34.21'
	PT	30+92	27.17' RT	1451317.76	2427345.38	DELTA= 78° 24' 42"
C9	PC	31+15	41.77' RT	1451318.07	2427319.64	RADIUS= 25'
	RP	31+41	33.00' RT	1451298.68	2427303.86	LENGTH= 49.03'
	PT	31+41	8.00' RT	1451276.71	2427315.79	DELTA= 112° 22' 40"
C10	PC	29+79	0	1451307.46	2426880.79	RADIUS= 400'
	RP	32+93	400.00' RT	1451621.26	2427128.84	LENGTH= 628.32'
	PT	36+08	0	1451373.21	2427442.64	DELTA= 90° 00' 01"
C11	PC	32+58	8.00' LT	1451221.82	2427212.00	RADIUS= 25'
	RP	32+58	33.00' LT	1451197.35	2427217.09	LENGTH= 17.42'
	PT	32+73	14.14' LT	1451212.85	2427197.48	DELTA= 39° 54' 53"
C12	PC	33+48	48.58' LT	1451172.83	2427140.35	RADIUS= 25'
	RP	33+48	33.00' LT	1451188.33	2427120.74	LENGTH= 55.52'
	PT	33+48	8.00' LT	1451213.33	2427121.21	DELTA= 127° 15' 12"
C13	PC	38+41	0	1452020.98	2426637.52	RADIUS= 400'
	RP	41+60	400.00' RT	1451766.01	2426945.73	LENGTH= 637.22'
	PT	44+78	0	1451452.21	2426697.67	DELTA= 91° 16' 30"
C14	PC	49+40	0	1452376.41	2426931.56	RADIUS= 400'
	RP	50+49	400.00' LT	1452631.38	2426623.36	LENGTH= 219.48'
	PT	51+59	0	1452574.59	2427019.31	DELTA= 31° 26' 18"
C15	PC	53+82	0	1452923.03	2427115.78	RADIUS= 400'
	RP	54+55	400.00' RT	1452690.40	2427441.17	LENGTH= 138.79'
	PT	55+40	0	1452798.52	2427056.06	DELTA= 19° 52' 50"
C16	PC	59+65	0	1453247.80	2427413.22	RADIUS= 1000'
	RP	60+08	1000.00' LT	1453930.85	2426682.85	LENGTH= 84.61'
	PT	60+50	0	1453311.97	2427468.34	DELTA= 04° 50' 53"
C17	PC	66+15	0	1453755.46	2427817.76	RADIUS= 1000'
	RP	67+03	1000.00' LT	1454374.34	2427032.27	LENGTH= 175.64'
	PT	67+90	0	1453902.24	2427913.82	DELTA= 10° 03' 48"
C18	PC	69+60	8.00' LT	1454054.08	2427988.10	RADIUS= 25'
	RP	69+60	33.00' LT	1454067.17	2427966.81	LENGTH= 37.24'
	PT	69+84	31.26' LT	1454087.34	2427981.59	DELTA= 85° 20' 49"
C19	PC	69+54	8.00' RT	1454041.00	2427998.84	RADIUS= 25'
	RP	69+54	33.00' RT	1454028.02	2428020.21	LENGTH= 41.44'
	PT	69+80	34.84' RT	1454048.18	2428034.99	DELTA= 94° 58' 48"
C20	PC	68+99	0	1454162.08	2428075.05	RADIUS= 1000'
	RP	69+98	1000.00' RT	1453526.06	2428846.73	LENGTH= 197.65'
	PT	70+97	0	1453998.16	2427965.19	DELTA= 11° 19' 29"
C21	PC	70+55	32.70' LT	1454148.05	2428022.35	RADIUS= 25'
	RP	70+79	33.18' LT	1454168.12	2428037.27	LENGTH= 38.01'
	PT	70+78	8.19' LT	1454152.22	2428056.56	DELTA= 87° 07' 13"
C22	PC	70+88	26.44' RT	1454138.17	2428089.68	RADIUS= 10'
	RP	70+94	18.00' RT	1454147.66	2428086.50	LENGTH= 25.84'
	PT	70+94	8.00' RT	1454154.02	2428078.78	DELTA= 148° 02' 45"

HORIZONTAL CURVE DATA - WEST PLAN

Curve	Point	Offset	Coordinates		Curve Elements	
			Northing	Easting		
C1	PC	0+00	35.00' LT	1459294.35	2424113.57	RADIUS= 25'
	RP	0+25	35.00' LT	1459279.81	2424128.04	LENGTH= 39.40'
	PT	0+25	10.00' LT	1459259.42	2424113.57	DELTA= 90° 13' 42"
C2	PC	3+83	0	1458947.04	2424511.45	RADIUS= 750'
	RP	4+57	750.00' RT	1458432.24	2423966.04	LENGTH= 147.91'
	PT	5+31	0	1459043.93	2424400.01	DELTA= 11° 17' 58"
C3	PC	5+31	0	1458947.04	2424511.45	RADIUS= 750'
	RP	6+01	750.00' LT	1459461.84	2425056.87	LENGTH= 139.32'
	PT	6+71	0	1458855.17	2424615.92	DELTA= 10° 38' 36"
C4	PC	11+25	10.00' LT	1458595.35	2424990.39	RADIUS= 25'
	RP	11+25	35.00' LT	1458615.57	2425005.09	LENGTH= 39.25'
	PT	11+50	35.00' LT	1458600.85	2425025.30	DELTA= 89° 56' 39"
C5	PC	11+25	10.00' RT	1458579.21	2424978.58	RADIUS= 25'
	RP	11+25	35.00' RT	1458558.99	2424963.88	LENGTH= 39.29'
	PT	11+50	35.00' RT	1458544.27	2424984.09	DELTA= 90° 03' 21"
C6	PC	19+01	20.61' LT	1458093.75	2425571.17	RADIUS= 25'
	RP	19+31	32.47' LT	1458080.28	2425592.24	LENGTH= 37.70'
	PT	19+39	8.16' LT	1458060.11	2425577.47	DELTA= 86° 24' 19"
C7	PC	19+29	40.64' RT	1458037.56	2425532.87	RADIUS= 25'
	RP	19+47	35.94' RT	1458022.42	2425552.77	LENGTH= 38.80'
	PT	19+44	11.16' RT	1458042.6	2425567.53	DELTA= 85° 55' 57"
C8	PC	34+80	0	1457143.20	2426813.67	RADIUS= 200'
	RP	35+43	200.00' LT	1457104.61	2426931.77	LENGTH= 126.57'
	PT	36+06	0	1457104.61	2426932.01	DELTA= 36° 15' 35"
C9	PC	36+77	10.00' LT	1457114.69	2427002.77	RADIUS= 50'
	RP	36+77	60.00' LT	1457164.69	2427002.71	LENGTH= 42.47'
	PT	37+15	26.98' LT	1457131.71	2427040.29	DELTA= 48° 40' 02"
C10	PC	37+48	25.00' LT	1457129.77	2427073.36	RADIUS= 15'
	RP	37+63	25.00' LT	1457129.79	2427088.36	LENGTH= 23.56'
	PT	37+63	10.00' LT	1457114.79	2427088.38	DELTA= 89° 59' 34"
C11	PC	37+99	0	1457068.73	2427239.81	RADIUS= 200'
	RP	38+60	200.00' RT	1456904.83	2427125.19	LENGTH= 122.30'
	PT	39+21	0	1457104.83	2427124.95	DELTA= 35° 02' 11"
C12	PC	40+62	0	1456988.40	2427354.68	RADIUS= 200'
	RP	41+18	200.00' LT	1457152.29	2427469.30	LENGTH= 111.83'
	PT	41+73	0	1456952.55	2427459.08	DELTA= 32° 02' 13"

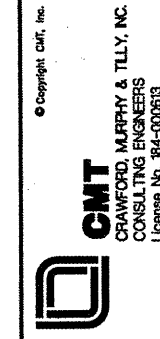
REVISIONS		
NUMBER	BY	DATE

0 1 2  
THIS BAR IS EQUAL TO 2'  
AT FULL SCALE (34X22).  
PLOT 1



GENERAL WAYNE A. DOWNING  
PEORIA INTERNATIONAL AIRPORT

CONSTRUCT NEW PERIMETER ROAD AND  
PERIMETER FENCE - PROJECT 3



CMT  
CRAWFORD, MURPHY & TILLY, INC.  
CONSULTING ENGINEERS  
License No. 84-008619

**PROJECT: PIA-3865**  
**AIP PROJ. 3-17-0080-XX**

FILE:	
DESIGN BY:	TJH/SMS
DRAWN BY:	CMT
CHECKED BY:	CET
APPROVED BY:	CET
DATE:	02-13-2009
JOB No:	07061-04-00

K:\Peridot\070610400\Draw\Sheets\1\_West\_South\_Fence\Phase 3 Sheets  
FILE: HORIZONTAL CURVE DATA.dwg  
DATE: 2/12/2009 8:35 AM