

RAMP B

Curve Data

Curve RAMPB-2

P.I. Station = 22+93.47 N 1,839,064.20 E 1,184,403.04  
 Delta = 1° 58' 33" (LT)  
 Degree = 1° 23' 55"  
 Tangent = 70.64  
 Length = 141.27  
 Radius = 4,096.61  
 External = 0.61  
 Long Chord = 141.26  
 Mid. Ord. = 0.61  
 P.C. Station = 22+22.83 N 1,839,069.51 E 1,184,332.60  
 P.T. Station = 23+64.10 N 1,839,061.31 E 1,184,473.62  
 C.C. = N 1,843,154.51 E 1,184,640.85  
 Back = S 85° 41' 05" E  
 Ahead = S 87° 39' 38" E  
 Chord Bear = S 86° 40' 21" E

Course from PT RAMPB-2 to PC RAMPB-3 S 88° 13' 32" E Dist 167.22

Curve Data

Curve RAMPB-3

P.I. Station = 27+00.42 N 1,839,050.47 E 1,184,809.77  
 Delta = 3° 31' 20" (LT)  
 Degree = 1° 02' 30"  
 Tangent = 169.10  
 Length = 338.10  
 Radius = 5,499.75  
 External = 2.60  
 Long Chord = 338.04  
 Mid. Ord. = 2.60  
 P.C. Station = 25+31.32 N 1,839,056.13 E 1,184,640.76  
 P.T. Station = 28+69.42 N 1,839,055.20 E 1,184,978.80  
 C.C. = N 1,844,552.80 E 1,184,824.96  
 Back = S 88° 04' 50" E  
 Ahead = N 88° 23' 49" E  
 Chord Bear = S 89° 50' 30" E

Curve Data

Curve RAMPB-4

P.I. Station = 30+98.20 N 1,839,061.60 E 1,185,207.50  
 Delta = 0° 04' 53" (RT)  
 Degree = 0° 01' 04"  
 Tangent = 228.78  
 Length = 457.56  
 Radius = 322,053.26  
 External = 0.08  
 Long Chord = 457.56  
 Mid. Ord. = 0.08  
 P.C. Station = 28+69.42 N 1,839,055.20 E 1,184,978.80  
 P.T. Station = 33+26.98 N 1,839,067.68 E 1,185,436.20  
 C.C. = N 1,517,127.96 E 1,193,987.50  
 Back = N 88° 23' 49" E  
 Ahead = N 88° 28' 43" E  
 Chord Bear = N 88° 26' 16" E

Course from PT RAMPB-4 to RB4 N 88° 20' 55" E Dist 875.29

Point RB4 N 1,839,092.90 E 1,186,311.13 Sta 42+02.27

Course from RB4 to RB5 N 88° 10' 27" E Dist 500.60

Point RB5 N 1,839,108.85 E 1,186,811.47 Sta 47+02.88

Course from RB5 to RB6 N 86° 38' 08" E Dist 619.39

Point RB6 N 1,839,145.20 E 1,187,429.79 Sta 53+22.26

Course from RB6 to PC RAMPB-5 N 88° 18' 03" E Dist 98.12

Curve Data

Curve RAMPB-5

P.I. Station = 54+72.55 N 1,839,151.62 E 1,187,579.92  
 Delta = 3° 37' 08" (LT)  
 Degree = 3° 28' 12"  
 Tangent = 52.16  
 Length = 104.29  
 Radius = 1,651.19  
 External = 0.82  
 Long Chord = 104.27  
 Mid. Ord. = 0.82  
 P.C. Station = 54+20.39 N 1,839,148.11 E 1,187,527.87  
 P.T. Station = 55+24.68 N 1,839,158.41 E 1,187,631.64  
 C.C. = N 1,840,795.55 E 1,187,416.70  
 Back = N 86° 08' 22" E  
 Ahead = N 82° 31' 14" E  
 Chord Bear = N 84° 19' 48" E

Curve Data

Curve RAMPB-6

P.I. Station = 56+28.12 N 1,839,177.55 E 1,187,733.29  
 Delta = 17° 20' 37" (LT)  
 Degree = 8° 26' 53"  
 Tangent = 103.44  
 Length = 205.30  
 Radius = 678.21  
 External = 7.84  
 Long Chord = 204.51  
 Mid. Ord. = 7.75  
 P.C. Station = 55+24.68 N 1,839,158.41 E 1,187,631.64  
 P.T. Station = 57+29.98 N 1,839,226.12 E 1,187,824.62  
 C.C. = N 1,839,824.92 E 1,187,506.15  
 Back = N 79° 20' 13" E  
 Ahead = N 61° 59' 36" E  
 Chord Bear = N 70° 39' 55" E

Course from PT RAMPB-6 to PC RAMPB-7 N 64° 55' 36" E Dist 161.56

Curve Data

Curve RAMPB-7

P.I. Station = 60+82.09 N 1,839,375.85 E 1,188,143.31  
 Delta = 36° 04' 50" (RT)  
 Degree = 9° 47' 35"  
 Tangent = 190.55  
 Length = 368.43  
 Radius = 585.06  
 External = 30.25  
 Long Chord = 362.37  
 Mid. Ord. = 28.76  
 P.C. Station = 58+91.53 N 1,839,294.59 E 1,187,970.95  
 P.T. Station = 62+59.96 N 1,839,340.02 E 1,188,330.47  
 C.C. = N 1,838,765.39 E 1,188,220.45  
 Back = N 64° 45' 27" E  
 Ahead = S 79° 09' 43" E  
 Chord Bear = N 82° 47' 52" E

Curve Data

Curve RAMPB-8

P.I. Station = 64+14.35 N 1,839,307.38 E 1,188,481.36  
 Delta = 26° 44' 40" (RT)  
 Degree = 8° 49' 20"  
 Tangent = 154.39  
 Length = 303.15  
 Radius = 649.44  
 External = 18.10  
 Long Chord = 300.40  
 Mid. Ord. = 17.61  
 P.C. Station = 62+59.96 N 1,839,340.02 E 1,188,330.47  
 P.T. Station = 65+63.11 N 1,839,210.32 E 1,188,601.43  
 C.C. = N 1,838,705.26 E 1,188,193.16  
 Back = S 77° 47' 39" E  
 Ahead = S 51° 03' 00" E  
 Chord Bear = S 64° 25' 19" E