

RAMP E_25TH_A

Curve Data

Curve E_25TH_A-1
 P.I. Station 1+55.47 N 1,895,827.7084 E 1,110,315.1173
 Delta = 6° 59' 49.33" (RT)
 Degree = 2° 15' 11.08"
 Tangent = 155.4705
 Length = 310.5545
 Radius = 2,543.0000
 External = 4.7480
 Long Chord = 310.3615
 Mid. Ord. = 4.7392
 P.C. Station 0+00.00 N 1,895,821.0997 E 1,110,159.7873
 P.T. Station 3+10.55 N 1,895,815.3460 E 1,110,470.0955
 C.C. N 1,893,280.3982 E 1,110,267.8858
 Back = N 87° 33' 49.41" E
 Ahead = S 85° 26' 21.27" E
 Chord Bear = S 88° 56' 15.93" E

Course from PT E_25TH_A-1 to 1261 S 85° 26' 21.27" E Dist 140.3606

Point 1261 N 1,895,804.1851 E 1,110,610.0117 Sta 4+50.92

Course from 1261 to 1262 S 85° 44' 47.92" E Dist 83.9153

Point 1262 N 1,895,797.9613 E 1,110,693.6959 Sta 5+34.83

Course from 1262 to 1263 S 85° 08' 13.52" E Dist 84.4475

Point 1263 N 1,895,790.8025 E 1,110,777.8395 Sta 6+19.28

Course from 1263 to 1264 S 85° 28' 07.59" E Dist 46.3455

Point 1264 N 1,895,787.1411 E 1,110,824.0402 Sta 6+65.62

RAMP E_25TH_B

Point 1270 N 1,895,947.0653 E 1,110,294.2906 Sta 0+00.00
 Course from 1270 to PC E_25TH_B-1 N 86° 37' 04.31" E Dist 88.9696

Curve Data

Curve E_25TH_B-1
 P.I. Station 1+68.20 N 1,895,956.9881 E 1,110,462.1940
 Delta = 8° 14' 20.91" (LT)
 Degree = 5° 12' 31.35"
 Tangent = 79.2267
 Length = 158.1802
 Radius = 1,100.0000
 External = 2.8494
 Long Chord = 158.0439
 Mid. Ord. = 2.8421
 P.C. Station 0+88.97 N 1,895,952.3141 E 1,110,383.1053
 P.T. Station 2+47.15 N 1,895,972.9477 E 1,110,539.7965
 C.C. N 1,897,050.3982 E 1,110,318.2106
 Back = N 86° 37' 04.31" E
 Ahead = N 78° 22' 43.40" E
 Chord Bear = N 82° 29' 53.85" E

Curve Data

Curve E_25TH_B-2
 P.I. Station 2+89.43 N 1,895,981.4651 E 1,110,581.2123
 Delta = 0° 04' 34.43" (LT)
 Degree = 0° 05' 24.52"
 Tangent = 42.2825
 Length = 84.5651
 Radius = 63,559.0260
 External = 0.0141
 Long Chord = 84.5651
 Mid. Ord. = 0.0141
 P.C. Station 2+47.15 N 1,895,972.9477 E 1,110,539.7965
 P.T. Station 3+31.71 N 1,895,990.0377 E 1,110,622.6167
 C.C. N 1,958,229.0457 E 1,097,736.3580
 Back = N 78° 22' 43.40" E
 Ahead = N 78° 18' 08.96" E
 Chord Bear = N 78° 20' 26.18" E

Course from PT E_25TH_B-2 to 1271 N 77° 22' 44.74" E Dist 199.0278

Point 1271 N 1,896,033.5251 E 1,110,816.8354 Sta 5+30.74

RAMP E_25TH_C

Point 1280 N 1,895,902.1657 E 1,112,174.1276 Sta 0+00.00
 Course from 1280 to PC E_25TH_C-1 S 85° 46' 00.46" W Dist 180.2220

Curve Data

Curve E_25TH_C-1
 P.I. Station 3+16.64 N 1,895,845.1610 E 1,111,865.1679
 Delta = 96° 53' 57.58" (LT)
 Degree = 47° 23' 18.20"
 Tangent = 136.4186
 Length = 204.4790
 Radius = 120.9068
 External = 61.3800
 Long Chord = 180.9668
 Mid. Ord. = 40.7120
 P.C. Station 1+80.22 N 1,895,888.8624 E 1,111,994.3972
 P.T. Station 3+84.70 N 1,895,722.1171 E 1,111,924.0766
 C.C. N 1,895,774.3274 E 1,112,033.1295
 Back = S 71° 18' 57.66" W
 Ahead = S 25° 34' 59.92" E
 Chord Bear = S 22° 51' 58.87" W

Curve Data

Curve E_25TH_C-2
 P.I. Station 5+35.07 N 1,895,593.3338 E 1,112,001.7114
 Delta = 69° 45' 05.56" (LT)
 Degree = 26° 33' 23.48"
 Tangent = 150.3739
 Length = 262.6532
 Radius = 215.7503
 External = 47.2335
 Long Chord = 246.7316
 Mid. Ord. = 38.7501
 P.C. Station 3+84.70 N 1,895,722.1171 E 1,111,924.0766
 P.T. Station 6+47.35 N 1,895,621.6000 E 1,112,149.4048
 C.C. N 1,895,833.5044 E 1,112,108.8496
 Back = S 31° 04' 58.66" E
 Ahead = N 79° 09' 55.78" E
 Chord Bear = S 65° 57' 31.44" E

Curve Data

Curve E_25TH_C-3
 P.I. Station 7+01.28 N 1,895,631.7366 E 1,112,202.3694
 Delta = 39° 53' 57.41" (LT)
 Degree = 38° 33' 56.97"
 Tangent = 53.9258
 Length = 103.4576
 Radius = 148.5662
 External = 9.4841
 Long Chord = 101.3798
 Mid. Ord. = 8.9150
 P.C. Station 6+47.35 N 1,895,621.6000 E 1,112,149.4048
 P.T. Station 7+50.81 N 1,895,673.4867 E 1,112,236.5004
 C.C. N 1,895,767.5179 E 1,112,121.4784
 Back = N 79° 09' 55.78" E
 Ahead = N 39° 15' 58.37" E
 Chord Bear = N 59° 12' 57.07" E

Curve Data

Curve E_25TH_C-4
 P.I. Station 8+33.60 N 1,895,737.3649 E 1,112,289.1566
 Delta = 40° 21' 30.30" (LT)
 Degree = 25° 26' 11.09"
 Tangent = 82.7834
 Length = 158.6640
 Radius = 225.2510
 External = 14.7305
 Long Chord = 155.4041
 Mid. Ord. = 13.8263
 P.C. Station 7+50.81 N 1,895,673.4867 E 1,112,236.5004
 P.T. Station 9+09.48 N 1,895,820.1390 E 1,112,287.9158
 C.C. N 1,895,816.7627 E 1,112,062.6901
 Back = N 39° 29' 58.44" E
 Ahead = N 0° 51' 31.86" W
 Chord Bear = N 19° 19' 13.29" E