

I-290

Curve Data

Curve E I290 A-1
P.I. Station = 7+55.58 N
Delta = 39°46' 10.88" (LT)
Degree = 2° 44' 33.85"
Tangent = 755.5825
Length = 1,450.0000
Radius = 2,089.0000
External = 132.4468
Long Chord = 1,421.0666
Mid. Ord. = 124.5501
P.C. Station = 0+00.00 N
P.T. Station = 14+50.00 N
C.C. = 1,929,003.9997 E
Back = S 20° 28' 37.87" E
Ahead = S 60° 14' 48.75" E
Chord Bear = S 40° 21' 43.31" E

Course from PT E I290 A-1 to PC E I290 A-2 S 60° 14' 48.75" E Dist 595.6299

Curve Data

Curve E I290 A-2
P.I. Station = 20+90.05 N
Delta = 0° 29' 34.80" (RT)
Degree = 0° 33' 17.72"
Tangent = 44.4208
Length = 88.8410
Radius = 10,325.0000
External = 0.0956
Long Chord = 88.8407
Mid. Ord. = 0.0956
P.C. Station = 20+45.63 N
P.T. Station = 21+34.47 N
C.C. = 1,917,930.9259 E
Back = S 60° 14' 48.75" E
Ahead = S 59° 45' 13.96" E
Chord Bear = S 60° 00' 01.36" E

Course from PT E I290 A-2 to PC E I290 A-3 S 59° 45' 13.96" E Dist 9,542.3850

Curve Data

Curve E I290 A-3
P.I. Station = 133+55.93 N
Delta = 32° 43' 06.91" (RT)
Degree = 1° 00' 06.03"
Tangent = 1,679.0725
Length = 3,266.3891
Radius = 5,720.0000
External = 241.3492
Long Chord = 3,222.1883
Mid. Ord. = 231.5780
P.C. Station = 116+76.86 N
P.T. Station = 149+43.24 N
C.C. = 1,917,102.3979 E
Back = S 59° 45' 13.96" E
Ahead = S 27° 02' 07.05" E
Chord Bear = S 43° 23' 40.50" E

Course from PT E I290 A-3 to PC E I290 A-4 S 27° 02' 07.05" E Dist 848.5422

I-290

Curve Data

Curve E I290 A-4
P.I. Station = 181+64.83 N
Delta = 54° 46' 48.94" (LT)
Degree = 1° 15' 03.60"
Tangent = 2,373.0457
Length = 4,378.9193
Radius = 4,580.0000
External = 578.2697
Long Chord = 4,214.0291
Mid. Ord. = 513.4425
P.C. Station = 157+91.79 N
P.T. Station = 201+70.71 N
C.C. = 1,921,028.3329 E
Back = S 27° 02' 07.05" E
Ahead = S 81° 48' 55.99" E
Chord Bear = S 54° 25' 31.52" E

Course from PT E I290 A-4 to PC E I290 A-5 S 81° 48' 55.99" E Dist 2,452.7307

Curve Data

Curve E I290 A-5
P.I. Station = 242+04.37 N
Delta = 40° 38' 00.05" (RT)
Degree = 1° 20' 30.56"
Tangent = 1,580.9337
Length = 3,028.2229
Radius = 4,270.0000
External = 283.2682
Long Chord = 2,965.1611
Mid. Ord. = 265.6455
P.C. Station = 226+23.44 N
P.T. Station = 256+51.66 N
C.C. = 1,911,919.2995 E
Back = S 81° 48' 55.99" E
Ahead = S 41° 10' 55.94" E
Chord Bear = S 61° 29' 55.96" E

Curve Data

Curve E I290 A-6
P.I. Station = 261+34.65 N
Delta = 12° 54' 25.09" (RT)
Degree = 1° 20' 30.56"
Tangent = 482.9938
Length = 961.8991
Radius = 4,269.9999
External = 27.2297
Long Chord = 959.8666
Mid. Ord. = 27.0571
P.C. Station = 256+51.66 N
P.T. Station = 266+13.56 N
C.C. = 1,911,919.2995 E
Back = S 41° 10' 55.94" E
Ahead = S 28° 16' 30.85" E
Chord Bear = S 34° 43' 43.40" E

Course from PT E I290 A-6 to 51 S 28° 16' 30.85" E Dist 128.3696

Point 51 N 1,913,828.9782 E 1,089,270.7776 Sta 267+41.93

Course from 51 to PC E I290 A-7 S 27° 14' 51.70" E Dist 461.2079

I-290

Curve Data

Curve E I290 A-7
P.I. Station = 283+87.63 N
Delta = 34°37' 31.23" (LT)
Degree = 1° 30' 28.02"
Tangent = 1,184.4901
Length = 2,296.4396
Radius = 3,800.0000
External = 180.3287
Long Chord = 2,261.6536
Mid. Ord. = 172.1589
P.C. Station = 272+03.14 N
P.T. Station = 294+99.58 N
C.C. = 1,915,158.7328 E
Back = S 27° 14' 51.70" E
Ahead = S 61° 52' 22.93" E
Chord Bear = S 44° 33' 37.31" E

Course from PT E I290 A-7 to PC E I290 A-8 S 61° 52' 22.93" E Dist 765.1205

Curve Data

Curve E I290 A-8
P.I. Station = 306+73.69 N
Delta = 20° 09' 58.04" (RT)
Degree = 2° 29' 28.04"
Tangent = 408.9909
Length = 809.5200
Radius = 2,300.0000
External = 36.0808
Long Chord = 805.3480
Mid. Ord. = 35.5235
P.C. Station = 302+64.70 N
P.T. Station = 310+74.22 N
C.C. = 1,909,418.4133 E
Back = S 61° 52' 22.93" E
Ahead = S 41° 42' 24.89" E
Chord Bear = S 51° 47' 23.91" E

Course from PT E I290 A-8 to PC E I290 A-9 S 41° 42' 24.89" E Dist 338.5585

Curve Data

Curve E I290 A-9
P.I. Station = 318+14.48 N
Delta = 23° 52' 32.24" (LT)
Degree = 3° 00' 56.04"
Tangent = 401.7025
Length = 791.7456
Radius = 1,900.0000
External = 42.0002
Long Chord = 786.0295
Mid. Ord. = 41.0919
P.C. Station = 314+12.78 N
P.T. Station = 322+04.52 N
C.C. = 1,911,960.0057 E
Back = S 41° 42' 24.89" E
Ahead = S 65° 34' 57.13" E
Chord Bear = S 53° 38' 41.01" E

Course from PT E I290 A-9 to 52 S 65° 34' 57.13" E Dist 931.4999

Point 52 N 1,909,844.8807 E 1,094,082.8821 Sta 331+36.02

Course from 52 to PC E I290 A-10 S 65° 34' 57.13" E Dist 573.0208