

DESCRIBE CHAIN RCLPTRALA

Chain RCLPTRALA contains:
 CUR RCPTRAL01 CUR RCPTRAL02 RCPTRAL03 CUR RCPTRAL04
 RCPTRAL11 CUR RCPTRAL05 RCPTRAL02 RCPTRAL03 RCPTRAL04 CUR RCPTRAL06
 CUR RCPTRAL07 CUR RCPTRAL08 CUR RCPTRAL09 CUR RCPTRAL10 CUR RCPTRAL11
 CUR RCPTRAL12 CUR RCPTRAL13 RCPTRAL05

Beginning chain RCLPTRALA description

Curve Data
 Curve RCPTRAL01
 P.I. Station 352+53.6937 X 2,459,076.1042 Y 1,486,329.3426
 Delta = 52° 05' 13.46" (LT)
 Degree = 57° 17' 44.81"
 Tangent = 48.8674
 Length = 90.9091
 Radius = 100.0000
 External = 11.3015
 Long Chord = 87.8108
 Mid. Ord. = 10.1539
 P.C. Station 352+04.8263 X 2,459,063.5751 Y 1,486,376.5765
 P.T. Station 352+95.7354 X 2,459,121.0679 Y 1,486,310.2039
 C.C. X 2,459,160.2324 Y 1,486,402.2155
 Back = 165° 08' 38.42"
 Ahead = 113° 03' 24.96"
 Chord Bear = 139° 06' 01.69"

Course from PT RCPTRAL01 to PC RCPTRAL02 113° 03' 24.96" Dist 18.1786

Curve Data
 Curve RCPTRAL02
 P.I. Station 353+48.1692 X 2,459,169.3130 Y 1,486,289.6684
 Delta = 25° 43' 40.11" (RT)
 Degree = 38° 11' 49.87"
 Tangent = 34.2551
 Length = 67.3552
 Radius = 150.0000
 External = 3.8617
 Long Chord = 66.7908
 Mid. Ord. = 3.7648
 P.C. Station 353+13.9141 X 2,459,137.7943 Y 1,486,303.0843
 P.T. Station 353+81.2693 X 2,459,191.8834 Y 1,486,263.9004
 C.C. X 2,459,079.0475 Y 1,486,165.0669

Back = 113° 03' 24.96"
 Ahead = 138° 47' 05.07"
 Chord Bear = 125° 55' 15.01"

Course from PT RCPTRAL02 to RCPTRAL10 138° 47' 05.07" Dist 32.7858

End Region 1
 Equation: Sta 354+14.0551 (BK) = Sta 354+14.3799 (AH)
 Begin Region 2

Point RCPTRAL10 X 2,459,213.4856 Y 1,486,239.2376 Sta 354+14.3799

Course from RCPTRAL10 to PC RCPTRAL03 138° 47' 05.07" Dist 1,274.5760

Curve Data
 Curve RCPTRAL03
 P.I. Station 370+99.2970 X 2,460,323.6604 Y 1,484,971.7765
 Delta = 21° 04' 54.82" (LT)
 Degree = 2° 35' 53.54"
 Tangent = 410.3411
 Length = 811.4022
 Radius = 2,205.2059
 External = 37.8529
 Long Chord = 806.8327
 Mid. Ord. = 37.2141
 P.C. Station 366+88.9559 X 2,460,053.2908 Y 1,485,280.4512
 P.T. Station 375+00.3581 X 2,460,686.9643 Y 1,484,781.0146
 C.C. X 2,461,712.1337 Y 1,486,733.4390

Back = 138° 47' 05.07"
 Ahead = 117° 42' 10.25"
 Chord Bear = 128° 14' 37.66"

Curve Data
 Curve RCPTRAL04
 P.I. Station 375+35.8505 X 2,460,718.3882 Y 1,484,764.5147
 Delta = 26° 37' 28.38" (LT)
 Degree = 38° 11' 49.87"
 Tangent = 35.4924
 Length = 69.7029
 Radius = 150.0000
 External = 4.1419

Long Chord = 69.0775
 Mid. Ord. = 4.0306
 P.C. Station 375+00.3581 X 2,460,686.9643 Y 1,484,781.0146
 P.T. Station 375+70.0610 X 2,460,753.8744 Y 1,484,763.8468
 C.C. X 2,460,756.6972 Y 1,484,913.8202

Back = 117° 42' 10.25"
 Ahead = 91° 04' 41.86"
 Chord Bear = 104° 23' 26.05"

End Region 2
 Equation: Sta 375+70.0610 (BK) = Sta 375+70.8449 (AH)
 Begin Region 3

Point RCPTRAL11 X 2,460,753.8744 Y 1,484,763.8468 Sta 375+70.8449

Course from RCPTRAL11 to PC RCPTRAL05 91° 04' 41.86" Dist 117.4077

Curve Data
 Curve RCPTRAL05
 P.I. Station 377+00.7762 X 2,460,883.7826 Y 1,484,761.4016
 Delta = 53° 48' 12.73" (LT)
 Degree = 232° 07' 20.89"
 Tangent = 12.5236
 Length = 23.1789
 Radius = 24.6834
 External = 2.9953
 Long Chord = 22.3366
 Mid. Ord. = 2.6712
 P.C. Station 376+88.2526 X 2,460,871.2613 Y 1,484,761.6373
 P.T. Station 377+11.4316 X 2,460,891.3674 Y 1,484,771.3671
 C.C. X 2,460,871.7258 Y 1,484,766.3164

Back = 91° 04' 41.86"
 Ahead = 37° 16' 29.13"
 Chord Bear = 64° 10' 35.50"

Point RCPTRAL02 X 2,460,891.3674 Y 1,484,771.3671 Sta 377+11.4316

Course from RCPTRAL02 to RCPTRAL03 90° 56' 56.49" Dist 75.9541

Point RCPTRAL03 X 2,460,967.3110 Y 1,484,770.1091 Sta 377+87.3856

Course from RCPTRAL03 to RCPTRAL04 173° 15' 17.69" Dist 47.5582

Point RCPTRAL04 X 2,460,972.8968 Y 1,484,722.8801 Sta 378+34.9439

Course from RCPTRAL04 to PC RCPTRAL06 187° 38' 45.66" Dist 65.4550

Curve Data
 Curve RCPTRAL06
 P.I. Station 379+17.7475 X 2,460,961.8796 Y 1,484,640.8126
 Delta = 69° 31' 01.80" (LT)
 Degree = 229° 10' 59.22"
 Tangent = 17.3487
 Length = 30.3326
 Radius = 25.0000
 External = 5.4299
 Long Chord = 28.5060
 Mid. Ord. = 4.4610
 P.C. Station 379+00.3989 X 2,460,964.1879 Y 1,484,658.0070
 P.T. Station 379+30.7315 X 2,460,977.1792 Y 1,484,632.6334
 C.C. X 2,460,988.9656 Y 1,484,654.6807

Back = 187° 38' 45.66"
 Ahead = 118° 07' 43.87"
 Chord Bear = 152° 53' 14.76"

End Region 3
 Equation: Sta 379+30.7315 (BK) = Sta 379+26.3105 (AH)
 Begin Region 4

Curve Data
 Curve RCPTRAL07
 P.I. Station 380+63.6562 X 2,461,098.3030 Y 1,484,567.8809
 Delta = 7° 03' 50.46" (RT)
 Degree = 2° 34' 29.57"
 Tangent = 137.3457
 Length = 274.3434
 Radius = 2,225.1821
 External = 4.2347
 Long Chord = 274.1697
 Mid. Ord. = 4.2266
 P.C. Station 379+26.3105 X 2,460,977.1792 Y 1,484,632.6334
 P.T. Station 382+00.6539 X 2,461,210.5442 Y 1,484,488.7244
 C.C. X 2,459,928.1037 Y 1,482,670.2685

Back = 118° 07' 43.87"
 Ahead = 125° 11' 34.32"
 Chord Bear = 121° 39' 39.09"

Course from PT RCPTRAL07 to PC RCPTRAL08 125° 11' 34.32" Dist 288.1537

Curve Data
 Curve RCPTRAL08
 P.I. Station 391+87.3445 X 2,462,016.8842 Y 1,483,920.0644
 Delta = 28° 26' 13.16" (LT)
 Degree = 2° 04' 41.91"
 Tangent = 698.5369
 Length = 1,368.2766
 Radius = 2,756.8487
 External = 87.1219
 Long Chord = 1,354.2759
 Mid. Ord. = 84.4530
 P.C. Station 384+88.8077 X 2,461,446.0283 Y 1,484,322.6526
 P.T. Station 398+57.0842 X 2,462,710.5707 Y 1,483,837.8890
 C.C. X 2,463,034.8845 Y 1,486,575.5953

Back = 125° 11' 34.32"
 Ahead = 96° 45' 21.17"
 Chord Bear = 110° 58' 27.74"

Course from PT RCPTRAL08 to PC RCPTRAL09 96° 45' 21.17" Dist 393.5726

Curve Data
 Curve RCPTRAL09
 P.I. Station 415+70.6569 X 2,464,412.2450 Y 1,483,636.3056
 Delta = 85° 19' 32.65" (RT)
 Degree = 4° 00' 00.63"
 Tangent = 1,320.0000
 Length = 2,133.0499
 Radius = 1,432.3317
 External = 515.4809
 Long Chord = 1,941.3344
 Mid. Ord. = 379.0609
 P.C. Station 402+50.6569 X 2,463,101.4105 Y 1,483,791.5894
 P.T. Station 423+83.7068 X 2,464,364.2985 Y 1,482,317.1766
 C.C. X 2,462,932.9120 Y 1,482,369.2033

Back = 96° 45' 21.17"
 Ahead = 182° 04' 53.81"
 Chord Bear = 139° 25' 07.49"

Course from PT RCPTRAL09 to PC RCPTRAL10 182° 04' 53.81" Dist 1,495.3327

Curve Data
 Curve RCPTRAL10
 P.I. Station 442+11.3095 X 2,464,297.9144 Y 1,480,490.7799
 Delta = 25° 45' 38.69" (LT)
 Degree = 3° 56' 35.26"
 Tangent = 332.2700
 Length = 653.3074
 Radius = 1,453.0541
 External = 37.5061
 Long Chord = 647.8186
 Mid. Ord. = 36.5623
 P.C. Station 438+79.0395 X 2,464,309.9835 Y 1,480,822.8307
 P.T. Station 445+32.3469 X 2,464,431.3588 Y 1,480,186.4841
 C.C. X 2,465,762.0787 Y 1,480,770.0513

Back = 182° 04' 53.81"
 Ahead = 156° 19' 15.12"
 Chord Bear = 169° 12' 04.47"

Course from PT RCPTRAL10 to PC RCPTRAL11 156° 19' 15.12" Dist 424.3340

Curve Data
 Curve RCPTRAL11
 P.I. Station 452+67.1848 X 2,464,726.4802 Y 1,479,513.5130
 Delta = 24° 19' 14.58" (RT)
 Degree = 3° 58' 34.37"
 Tangent = 310.5038
 Length = 611.6551
 Radius = 1,440.9631
 External = 33.0746
 Long Chord = 607.0734
 Mid. Ord. = 32.3325
 P.C. Station 449+56.6809 X 2,464,601.7774 Y 1,479,797.8752
 P.T. Station 455+68.3360 X 2,464,723.0033 Y 1,479,203.0287
 C.C. X 2,463,282.1305 Y 1,479,219.1639

Back = 156° 19' 15.12"
 Ahead = 180° 38' 29.71"
 Chord Bear = 168° 28' 52.42"

Curve Data
 Curve RCPTRAL12
 P.I. Station 455+96.9924 X 2,464,722.8824 Y 1,479,174.3741
 Delta = 7° 17' 14.81" (RT)