



Chain EBBUS20 contains:
19 CUR 220 CUR 270 CUR 290 1067

Beginning chain EBBUS20 description

Point 19 N 2,046,187.2690 E 2,557,803.2930 Sta 15+28.4305

Course from 19 to PC 220 96° 43' 24.7001" Dist 195.3919'

Curve Data

Curve 220
P.I. Station 26+22.2601 N 2,046,059.2050 E 2,558,889.6000
Delta = 8° 55' 19.4754" (LT)
Degree = 0° 29' 51.1389"
Tangent = 898.4378'
Length = 1,793.2431'
Radius = 11,515.8463'
External = 34.9938'
Long Chord = 1,791.4318'
Mid. Ord. = 34.8878'
P.C. Station 17+23.8224 N 2,046,164.3928 E 2,557,997.3411
P.T. Station 35+17.0655 N 2,046,093.6713 E 2,559,787.3764
C.C. N 2,057,601.0406 E 2,559,345.5998

Course from PT 220 to PC 270 87° 48' 05.2247" Dist 957.2482'

Curve Data

Curve 270
P.I. Station 51+26.8080 N 2,046,155.4251 E 2,561,395.9340
Delta = 6° 05' 03.0176" (RT)
Degree = 0° 27' 59.9858"
Tangent = 652.4943'
Length = 1,303.7621'
Radius = 12,277.7711'
External = 17.3260'
Long Chord = 1,303.1496'
Mid. Ord. = 17.3016'
P.C. Station 44+74.3137 N 2,046,130.3937 E 2,560,743.9200
P.T. Station 57+78.0758 N 2,046,111.2088 E 2,562,046.9284
C.C. N 2,033,861.6605 E 2,561,214.9259

Course from PT 270 to PC 290 93° 53' 08.2423" Dist 2,829.5695'

Curve Data

Curve 290
P.I. Station 91+07.6453 N 2,045,885.5807 E 2,565,368.8443
Delta = 0° 03' 09.4319" (LT)
Degree = 0° 00' 18.9432"
Tangent = 500.0000'
Length = 1,000.0000'
Radius = 1,088,859.9384'
External = 0.1148'
Long Chord = 1,000.0000'
Mid. Ord. = 0.1148'
P.C. Station 86+07.6453 N 2,045,919.4632 E 2,564,869.9936
P.T. Station 96+07.6453 N 2,045,852.1564 E 2,565,867.7259
C.C. N 3,132,276.4549 E 2,638,656.5233

Course from PT 290 to 1067 93° 49' 58.8104" Dist 5,983.0422'

Point 1067 N 2,045,452.1982 E 2,571,837.3848 Sta 155+90.6875

Ending chain EBBUS20 description

| REFERENCE TIES | | | | |
|----------------|---------|------------|-------------|-----------------------------|
| POINT | CHAIN | STATION | OFFSET | DESCRIPTION |
| 500 | EBBUS20 | 68+60.1894 | 53.5643' RT | POWER POLE |
| 501 | EBBUS20 | 70+03.7051 | 25.8049' RT | HEADWALL |
| 502 | EBBUS20 | 70+03.8521 | 52.6773' LT | CATCH BASIN PEREMITER |
| 503 | EBBUS20 | 73+76.3536 | 64.7531' LT | HEADWALL |
| 504 | EBBUS20 | 73+06.9658 | 52.7283' LT | CATCH BASIN PEREMITER |
| 505 | EBBUS20 | 76+02.8832 | 52.8403' LT | CATCH BASIN PEREMITER |
| 506 | EBBUS20 | 76+52.7058 | 30.391' RT | POWER POLE |
| 507 | EBBUS20 | 78+47.9709 | 33.4194' RT | POWER POLE |
| 508 | EBBUS20 | 76+05.8110 | 52.8332' LT | CATCH BASIN PEREMITER |
| 509 | EBBUS20 | 81+57.9158 | 36.1041' RT | POWER POLE WITH TRANSFORMER |
| 510 | EBBUS20 | 83+18.7630 | 34.182' RT | POWER POLE |
| 511 | EBBUS20 | 82+30.5843 | 58.2245' RT | TREE DECIDUOUS |
| 512 | EBBUS20 | 93+06.2879 | 73.6449' LT | CATCH BASIN PEREMITER |
| 513 | EBBUS20 | 95+00.4411 | 66.7148' LT | ENTRANCE - COMMERCIAL |

| BENCH MARKS | | | | | | | |
|-------------|--------------|--------------|-----------|---------|------------|-------------|-----------------|
| POINT | NORTH | EAST | ELEVATION | CHAIN | STATION | OFFSET | DESCRIPTION |
| 402 | 2045980.5221 | 2563639.7488 | 787.7060 | EBBUS20 | 73+76.0908 | 22.4489' RT | CHISELED SQUARE |

| APPARENT PROPERTY CORNERS | | | | | | | |
|---------------------------|--------------|--------------|-----------|---------|------------|-------------|-----------------|
| POINT | NORTH | EAST | ELEVATION | CHAIN | STATION | OFFSET | DESCRIPTION |
| 700 | 2046022.0212 | 2564414.4224 | 787.8429 | EBBUS20 | 81+46.1715 | 71.4505' LT | PROPERTY CORNER |
| 701 | 2045941.1850 | 2563678.8253 | 787.2183 | EBBUS20 | 74+17.7431 | 59.0476' RT | PROPERTY CORNER |

| CURVE POINT NUMBERS | | | | | |
|---------------------|-------|-----|-----|-----|-----|
| CHAIN | CURVE | PI | CC | PC | PT |
| EBBUS20 | 220 | 220 | 221 | 222 | 223 |
| EBBUS20 | 270 | 270 | 271 | 272 | 273 |
| EBBUS20 | 290 | 290 | 291 | 292 | 293 |