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Chain ENTCOOK1 contains:

ENT13 CUR ENTCOOK1 ENT15

Beginning chain ENTCOOK1 description

Description: ENTRANCE OFF OF COOK\_STH STA. 13+86.89 RT)

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Point ENT13 N 421,925.9790 E 958,049.9562 Sta 0+00.000

Course from ENT13 to PC ENTCOOK1 S 11° 46' 19.963" E Dist 34.7980

Curve Data

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Curve ENTCOOK1

P.I. Station 1+26.137 N 421,802.4950 E 958,075.6908

Delta = 101° 13' 12.258" (RT)

Degree = 76° 23' 39.742"

Tangent = 91.3391

Length = 132.4968

Radius = 75.0000

External = 43.1856

Long Chord = 115.9267

Mid. Ord. = 27.4054

P.C. Station 0+34.798 N 421,891.9129 E 958,057.0557

P.T. Station 1+67.295 N 421,801.6148 E 957,984.3560

C.C. N 421,876.6113 E 957,983.6332

Back = S 11° 46' 19.963" E

Ahead = S 89° 26' 52.294" W

Chord Bear = S 38° 50' 16.166" W

Course from PT ENTCOOK1 to ENT15 S 89° 26' 52.294" W Dist 214.2477

Point ENT15 N 421,799.5502 E 957,770.1182 Sta 3+81.542

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Ending chain ENTCOOK1 description

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Chain ENTVANI contains:

ENT10 CUR ENTVANI ENT12

Beginning chain ENTVANI description

Description: ENTRANCE OFF OF VANGAMPLER (STA. 15+87.89 LT)

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Point ENT10 N 430,524.8387 E 962,454.7879 Sta 0+00.000

Course from ENT10 to PC ENTVANI N 35° 09' 28.035" W Dist 26.2941

Curve Data

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Curve ENTVANI

P.I. Station 0+65.512 N 430,578.3993 E 962,417.0641

Delta = 55° 12' 38.340" (LT)

Degree = 76° 23' 39.742"

Tangent = 39.2179

Length = 72.2706

Radius = 75.0000

External = 9.6348

Long Chord = 69.5068

Mid. Ord. = 8.5380

P.C. Station 0+26.294 N 430,546.3359 E 962,439.6470

P.T. Station 0+98.565 N 430,578.1471 E 962,377.8470

C.C. N 430,503.1487 E 962,378.3293

Back = N 35° 09' 28.035" W

Ahead = S 89° 37' 53.625" W

Chord Bear = N 62° 45' 47.205" W

Course from PT ENTVANI to ENT12 S 89° 37' 53.625" W Dist 250.0867

Point ENT12 N 430,576.5390 E 962,127.7654 Sta 3+48.651

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Ending chain ENTVANI description

Beginning chain ROBERTS\_DT description

Description: PROP. DITCH ALONG ROBERTS PROPERTY

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Point DT01 N 421,872.0880 E 957,684.6717 Sta 0+00.000

Course from DT01 to PC DT1 S 71° 08' 04.869" E Dist 3.1180

Curve Data

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Curve DT1

P.I. Station 0+28.838 N 421,862.7634 E 957,711.9606

Delta = 46° 24' 22.999" (LT)

Degree = 95° 29' 34.677"

Tangent = 25.7200

Length = 48.5967

Radius = 60.0000

External = 5.2803

Long Chord = 47.2792

Mid. Ord. = 4.8532

P.C. Station 0+03.118 N 421,871.0798 E 957,687.6222

P.T. Station 0+51.715 N 421,874.6559 E 957,734.7659

C.C. N 421,927.8567 E 957,707.0229

Back = S 71° 08' 04.869" E

Ahead = N 62° 27' 32.132" E

Chord Bear = N 85° 39' 43.631" E

Course from PT DT1 to PC DT2 N 62° 27' 32.132" E Dist 42.0402

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Curve Data

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Curve DT2

P.I. Station 1+91.645 N 421,939.3574 E 957,858.8391

Delta = 116° 59' 20.163" (RT)

Degree = 95° 29' 34.677"

Tangent = 97.8899

Length = 122.5105

Radius = 60.0000

External = 54.8148

Long Chord = 102.3108

Mid. Ord. = 28.6451

P.C. Station 0+93.755 N 421,894.0947 E 957,772.0421

P.T. Station 2+16.265 N 421,841.4721 E 957,859.7824

C.C. N 421,840.8939 E 957,799.7852

Back = N 62° 27' 32.132" E

Ahead = S 0° 33' 07.706" E

Chord Bear = S 59° 02' 47.787" E

Course from PT DT2 to DT05 S 0° 33' 07.706" E Dist 180.6920

Point DT05 N 421,660.7885 E 957,861.5236 Sta 3+96.957

Course from DT05 to DT06 S 6° 54' 43.494" W Dist 202.8223

Point DT06 N 421,459.4403 E 957,837.1148 Sta 5+99.780

Course from DT06 to PC DT3 S 0° 19' 34.976" E Dist 176.1887

Curve Data

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Curve DT3

P.I. Station 7+99.178 N 421,260.0449 E 957,838.2506

Delta = 57° 02' 40.916" (LT)

Degree = 134° 09' 30.921"

Tangent = 23.2099

Length = 42.5203

Radius = 42.7075

External = 5.8994

Long Chord = 40.7858

Mid. Ord. = 5.1834

P.C. Station 7+75.968 N 421,283.2544 E 957,838.1184

P.T. Station 8+18.489 N 421,247.5302 E 957,857.7975

C.C. N 421,283.4977 E 957,880.8252

Back = S 0° 19' 34.976" E

Ahead = S 57° 22' 15.892" E

Chord Bear = S 28° 50' 55.434" E

Ending chain ROBERTS\_DT description