

22

Chain LEFTCOOK contains:

D120 CUR SC35 D185

Beginning chain LEFTCOOK description

Description: SIDEROAD OFF OF COOK SOUTH

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Point D120 N 422,462.7116 E 958,555.8831 Sta 10+00.000

Course from D120 to PC SC35 N 51° 40' 20.653" W Dist 146.5292

Curve Data

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Curve SC35

Description: LEFT COOK SOUTH

P.I. Station 11+87.290 N 422,578.8606 E 958,408.9586

Delta = 39° 01' 57.120" (LT)

Degree = 49° 49' 20.701"

Tangent = 40.7604

Length = 78.3433

Radius = 115.0000

External = 7.0099

Long Chord = 76.8371

Mid. Ord. = 6.6071

P.C. Station 11+46.529 N 422,553.5827 E 958,440.9342

P.T. Station 12+24.873 N 422,578.3591 E 958,368.2013

C.C. N 422,463.3678 E 958,369.6161

Back = N 51° 40' 20.653" W

Ahead = S 89° 17' 42.227" W

Chord Bear = N 71° 11' 19.213" W

Course from PT SC35 to D185 S 89° 17' 42.227" W Dist 134.6834

Point D185 N 422,576.7021 E 958,233.5280 Sta 13+59.556

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Ending chain LEFTCOOK description

23

Chain GANDERTOWN contains:

D113 CUR SC54 D189

Beginning chain GANDERTOWN description

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Point D113 N 422,582.9398 E 958,803.1734 Sta 10+00.000

Course from D113 to PC SC54 N 0° 13' 16.604" W Dist 1,077.1861

Curve Data

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Curve SC54

P.I. Station 23+49.875 N 423,932.8046 E 958,797.9601

Delta = 89° 30' 59.128" (RT)

Degree = 20° 50' 05.384"

Tangent = 272.6887

Length = 429.6480

Radius = 275.0000

External = 112.2779

Long Chord = 387.2641

Mid. Ord. = 79.7268

P.C. Station 20+77.186 N 423,660.1179 E 958,799.0132

P.T. Station 25+06.834 N 423,936.1591 E 959,070.6282

C.C. N 423,661.1799 E 959,074.0112

Back = N 0° 13' 16.604" W

Ahead = N 89° 17' 42.524" E

Chord Bear = N 44° 32' 12.960" E

Course from PT SC54 to D189 N 89° 17' 42.524" E Dist 269.9700

Point D189 N 423,939.4802 E 959,340.5778 Sta 27+76.804

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Ending chain GANDERTOWN description

24

Chain SHILOH contains:

D128 CUR SC37 CUR SC38 D133

Beginning chain SHILOH description

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Point D128 N 425,139.0000 E 958,903.0349 Sta 10+00.000

Course from D128 to PC SC37 N 11° 17' 56.849" E Dist 94.7315

Curve Data

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Curve SC37

P.I. Station 11+48.140 N 425,284.2687 E 958,932.0601

Delta = 49° 49' 20.616" (RT)

Degree = 49° 49' 20.701"

Tangent = 53.4085

Length = 100.0000

Radius = 115.0000

External = 11.7970

Long Chord = 96.8790

Mid. Ord. = 10.6994

P.C. Station 10+94.731 N 425,231.8954 E 958,921.5958

P.T. Station 11+94.731 N 425,310.0626 E 958,978.8271

C.C. N 425,209.3633 E 959,034.3668

Back = N 11° 17' 56.849" E

Ahead = N 61° 07' 17.465" E

Chord Bear = N 36° 12' 37.157" E

Course from PT SC37 to PC SC38 N 61° 07' 17.465" E Dist 125.2535

Curve Data

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Curve SC38

P.I. Station 13+87.955 N 425,403.3807 E 959,148.0228

Delta = 61° 10' 12.343" (LT)

Degree = 49° 49' 20.701"

Tangent = 67.9703

Length = 122.7762

Radius = 115.0000

External = 18.5850

Long Chord = 117.0279

Mid. Ord. = 15.9994

P.C. Station 13+19.985 N 425,370.5542 E 959,088.5049

P.T. Station 14+42.761 N 425,471.3510 E 959,147.9652

C.C. N 425,471.2535 E 959,032.9652

Back = N 61° 07' 17.465" E

Ahead = N 0° 02' 54.878" W

Chord Bear = N 30° 32' 11.294" E

Course from PT SC38 to D133 N 0° 02' 54.878" W Dist 125.6633

Point D133 N 425,597.0142 E 959,147.8586 Sta 15+68.424

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Ending chain SHILOH description