Project Name: 000-K-AP01-(PropHorizAlign)

Description:

Horizontal Alignment Name: PropSB

Description:

Style: Standard [Copy 1]

STATION	NORTHING	EASTING

Element: Linear

POT ( )   3+95.73   2928492.5161   774493.9799

PI ( )   5+17.56   2928382.4670   774546.2501

Tangent Direction: S 25^24'22.9562" E

Tangent Length: 121.8318

Element: Linear

PI ( )   8+29.15   2928102.7076   774683.4268

PI ( )   17+39.08   2927290.7610   775094.1861

Tangent Direction: S 26^50'4.5455" E

Tangent Length: 909.9344

Element: Linear

PI ( )   24+69.95   2926611.4279   775359.1840

PI ( )   30+23.20   2926077.9291   775505.7134

Tangent Direction: S 15^21'28.8157" E

Tangent Length: 553.2556

Element: Linear

PI ( )   39+57.15   2925239.4357   775259.9588

PI ( )   44+38.37   2924915.6144   774904.0016

Tangent Direction: S 47^42'23.7510" W

Tangent Length: 481.2128

Element: Linear

PI ( )   45+47.25   2924842.7840   774823.0626

PI ( )   46+88.59   2924748.8159   774717.4822

Tangent Direction: S 48^19'49.6234" W

Tangent Length: 141.3408

Element: Linear

PI ( )   48+10.19   2924667.4240   774627.1440

PI ( )   49+90.76   2924545.7414   774493.7269

Tangent Direction: S 47^38'1.5058" W

Tangent Length: 180.5735

Element: Linear

PI ( )   51+14.28   2924461.9464   774402.9830

PI ( )   52+22.60   2924387.9668   774323.8545

Tangent Direction: S 46^55'33.8022" W

Tangent Length: 108.3250

Element: Linear

PI ( )   53+25.09   2924318.3566   774248.6306

PI ( )   54+10.36   2924260.7638   774185.7498

Tangent Direction: S 47^30'47.8199" W

Tangent Length: 85.2697

Element: Linear

PI ( )   58+63.55   2924012.7321   773809.9160

PI ( )   59+80.11   2923964.9765   773703.5964

Tangent Direction: S 65^48'42.4869" W

Tangent Length: 116.5524

Element: Linear

PI ( )   65+58.92   2923837.5513   773144.8709

PI ( )   71+74.71   2923829.0694   772529.1370

Tangent Direction: S 89^12'38.8314" W

Tangent Length: 615.7923

Element: Linear

PI ( )   75+95.66   2923794.1498   772110.2081

PI ( )   84+94.22   2923653.6649   771222.6949

Tangent Direction: S 81^00'18.8951" W

Tangent Length: 898.5631

Element: Linear

PI ( )   89+89.93   2923535.7381   770742.1390

PI ( )   112+23.34   2922821.0765   768626.1535

Tangent Direction: S 71^20'16.4633" W

Tangent Length: 2233.4136

Element: Linear

PI ( )   119+93.81   2922810.5847   767872.4393

PI ( )   121+95.08   2922869.6558   767680.0322

Tangent Direction: N 72^55'58.5402" W

Tangent Length: 201.2707

Element: Linear

PI ( )   127+45.15   2922930.5928   767138.3939

PC ( )   127+78.33   2922928.0568   767105.3071

Tangent Direction: S 85^37'1.3090" W

Tangent Length: 33.1838

Element: Circular

SC ( )   19+29.08   2927120.2875   775178.0621

PI ( )   21+34.51   2926931.0298   775257.8509

CC ( )   2927942.8402   777922.1970

CS ( )   23+39.95   2926736.5173   775323.8024

Radius: 2850.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 8^15'35.9549" Right

Degree of Curvature(Chord): 2^00'37.3642"

Length: 410.8673

Length(Chorded):   410.8673

Tangent: 205.7902

Chord: 410.5116

Middle Ordinate: 7.4008

External: 7.4201

Element: Circular

SC ( )   31+73.20   2925932.0458   775540.2907

PI ( )   34+85.18   2925623.1168   775522.2454

CC ( )   2925428.3829   776202.6228

CS ( )   37+97.15   2925351.4222   775374.1077

Radius: 707.6967

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 50^30'56.3712" Right

Degree of Curvature(Chord): 8^05'45.9430"

Length: 623.9511

Length(Chorded):   623.9511

Tangent: 333.8897

Chord: 603.9375

Middle Ordinate: 67.6580

External: 74.8101

Element: Circular

SC ( )　　55+60.36　2924162.3768　774072.5782

PI ( )　　56+41.96　2924114.8789　774006.2617

CC ( )　　　　　2923307.3001　774534.5056

CS ( )　　57+23.55　2924073.1515　773936.1708

Radius:　　965.0000

Design Speed(mph):　　50.0000

Cant(inches):　　2.000

Delta: 9^41'21.5746" Right

Degree of Curvature(Chord): 5^56'14.5990"

Length:　　163.1918

Length(Chorded):　　163.1918

Tangent:　　81.7909

Chord:　　162.9974

Middle Ordinate:　　3.4476

External:　　3.4600

Element: Circular

SC ( )　　61+50.11　2923899.5499　773546.7449

PI ( )　　62+89.51　2923861.7458　773412.6705

CC ( )　　　　　2922834.4743　773629.9565

CS ( )　　64+28.92　2923842.0227　773274.7716

Radius:　　1050.0000

Design Speed(mph):　　50.0000

Cant(inches):　　2.000

Delta: 15^12'50.0023" Right

Degree of Curvature(Chord): 5^27'24.2743"

Length:　　278.8091

Length(Chorded):　　278.8091

Tangent:　　140.2294

Chord:　　277.9907

Middle Ordinate: 9.2405

External: 9.3226

Element: Circular

SC ( ) 73+74.71 2923822.3130 772329.2835

PI ( ) 74+2.68 2923820.0151 772301.4029

CC ( ) 2925478.1807 772150.6998

CS ( ) 74+30.66 2923817.2490 772273.5649

Radius: 1665.0000

Design Speed(mph): 50.0000

Cant(inches): 2.000

Delta: 1^55'31.3560" Left

Degree of Curvature(Chord): 3^26'28.2813"

Length: 55.9509

Length(Chorded): 55.9509

Tangent: 27.9781

Chord: 55.9483

Middle Ordinate: 0.2350

External: 0.2351

Element: Circular

SC ( ) 86+64.22 2923624.6645 771055.2013

PI ( ) 87+47.07 2923606.4644 770974.3789

CC ( ) 2925509.0564 770503.4820

CS ( ) 88+29.93 2923584.8652 770894.3977

Radius: 1960.0000

Design Speed(mph): 50.0000

Cant(inches): 2.000

Delta: 4^50'38.3142" Left

Degree of Curvature(Chord): 2^55'23.7184"

Length: 165.7049

Length(Chorded): 165.7049

Tangent: 82.9019

Chord: 165.6556

Middle Ordinate: 1.7509

External: 1.7525

Element: Circular

SC ( )   113+73.34   2922776.6751   768482.9157

PI ( )   116+8.58   2922745.7560   768250.2718

CC ( )   2921750.8524   768264.1210

CS ( )   118+43.81   2922770.1875   768016.8575

Radius: 995.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 27^05'29.8650" Right

Degree of Curvature(Chord): 5^45'30.1387"

Length: 470.4739

Length(Chorded):   470.4739

Tangent: 239.7200

Chord: 466.1034

Middle Ordinate: 27.6780

External: 28.4699

Element: Circular

SC ( )   124+15.08   2922925.5195   767467.3957

PI ( )   124+75.12   2922933.9803   767407.9739

CC ( )   2923823.7757   767504.3539

CS ( )   125+35.15   2922938.4393   767348.1187

Radius: 895.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 7^41'10.5044" Left

Degree of Curvature(Chord): 6^24'6.3553"

Length: 120.0646

Length(Chorded):   120.0646

Tangent: 60.1225

Chord: 119.9746

Middle Ordinate: 2.0126

External: 2.0171

Element: Circular

SC ( )   5+17.56   2928382.4670   774546.2501

PI ( )   6+73.35   2928242.1599   774613.9667

CC ( )   2922738.9069   763390.5890

CS ( )   8+29.15   2928102.7076   774683.4268

Radius: 12500.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 1^25'41.5892" Left

Degree of Curvature(Chord): 0^27'30.1190"

Length: 311.5891

Length(Chorded):   311.5891

Tangent: 155.8026

Chord: 311.5810

Middle Ordinate: 0.9709

External: 0.9709

Element: Circular

SC ( )   44+38.37   2924915.6144   774904.0016

PI ( )   44+92.81   2924879.0891   774863.6312

CC ( )   2917445.4779   781552.5343

CS ( )   45+47.25   2924842.7840   774823.0626

Radius: 10000.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 0^37'25.8724" Right

Degree of Curvature(Chord): 0^34'22.6488"

Length: 108.8830

Length(Chorded):   108.8830

Tangent: 54.4420

Chord: 108.8824

Middle Ordinate: 0.1482

External: 0.1482

Element: Circular

SC ( )   46+88.59   2924748.8159   774717.4822

PI ( )   47+49.39   2924708.2573   774672.1894

CC ( )   2932137.6148   767978.5621

CS ( )   48+10.19   2924667.4240   774627.1440

Radius: 10000.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 0^41'48.1175" Left

Degree of Curvature(Chord): 0^34'22.6488"

Length: 121.5970

Length(Chorded):   121.5970

Tangent: 60.7992

Chord: 121.5962

Middle Ordinate: 0.1848

External: 0.1848

Element: Circular

SC ( )   49+90.76   2924545.7414   774493.7269

PI ( )   50+52.52   2924503.9840   774448.2256

CC ( )   2931850.7509   767664.0516

CS ( )   51+14.28   2924461.9464   774402.9830

Radius: 10000.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 0^42'27.7036" Left

Degree of Curvature(Chord): 0^34'22.6488"

Length: 123.5162

Length(Chorded):   123.5162

Tangent: 61.7589

Chord: 123.5154

Middle Ordinate: 0.1907

External: 0.1907

Element: Circular

SC ( )   52+22.60   2924387.9668   774323.8545

PI ( )   52+73.85   2924353.0653   774286.3318

CC ( )   2917013.4346   781078.2255

CS ( )   53+25.09   2924318.3566   774248.6306

Radius: 10000.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 0^35'14.0177" Right

Degree of Curvature(Chord): 0^34'22.6488"

Length: 102.4905

Length(Chorded):   102.4905

Tangent: 51.2457

Chord: 102.4900

Middle Ordinate: 0.1313

External: 0.1313

Element: Clothoid

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Element: Circular

SC ( )   0+0.00   2928734.9878   774242.6170

PI ( )   0+59.28   2928678.2231   774235.1546

CC ( )   2928657.4524   774173.5243

CS ( )   1+18.57   2928637.5552   774275.4539

Radius: 65.0363

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 104^27'25.2118" Left

Degree of Curvature(Chord): 88^05'53.6680"

Length: 118.5688

Length(Chorded):   118.5688

Tangent: 83.9304

Chord: 102.8171

Middle Ordinate: 25.2006

External: 41.1430

Element: Circular

SC ( )   2+7.29   2928618.0462   774361.9564

PI ( )   2+79.01   2928585.2962   774425.3279

CC ( )   2928743.7491   774547.3635

CS ( )   3+50.73   2928532.3891   774473.1749

Radius: 200.0000

Design Speed(mph):   50.0000

Cant(inches):   2.000

Delta: 41^05'27.7050" Right

Degree of Curvature(Chord): 28^38'52.4400"

Length: 143.4348

Length(Chorded):   143.4348

Tangent: 74.9581

Chord: 140.3805

Middle Ordinate: 12.7213

External: 13.5854

Element: Clothoid

Unable to read spiral data for this alignment element.

Element: Linear

PI ( )   1+36.32   2928633.2844   774292.6686

TS ( )   1+67.29   2928627.2012   774323.0366

Tangent Direction: S 78^40'21.7489" E

Tangent Length: 30.9713

Element: Clothoid

Unable to read spiral data for this alignment element.

Element: Clothoid

Unable to read spiral data for this alignment element.