

Project Name: SCR Complete Align
 Description:
 Horizontal Alignment Name: Prop_Track1_MS
 Description:
 Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
POT ()	1525+40.66	2787441.3902	814090.7683
PI ()	1529+39.27	2787054.8996	814188.3329
Tangent Direction: S 14^10'03.3450" E			
Tangent Length:	398.6149		
Element: Linear			
PI ()	1529+39.27	2787054.8996	814188.3329
TS ()	1530+80.65	2786917.8284	814222.9348
Tangent Direction: S 14^10'03.3450" E			
Tangent Length:	141.3711		
Element: Clothoid			
TS ()	1530+80.65	2786917.8284	814222.9348
SPI ()	1533+64.11	2786642.9889	814292.3145
SC ()	1535+05.65	2786502.8937	814314.1266
Entrance Radius:	0.0000		
Exit Radius:	2289.4695		
Length:	425.0000		
Angle:	5^19'04.7280" Right		
Constant:	986.4201		
Long Tangent:	283.4613		
Short Tangent:	141.7830		
Long Chord:	424.8373		
Xs:	424.6340		
Ys:	13.1409		
P:	3.2862		
K:	212.4390		
Tangent Direction: S 14^10'03.3450" E			
Radial Direction: S 75^49'56.6550" W			
Chord Direction: S 12^23'42.2345" E			
Radial Direction: S 81^09'01.3830" W			
Tangent Direction: S 8^50'58.6170" E			
Element: Circular			
SC ()	1535+05.65	2786502.8937	814314.1266
PI ()	1540+27.07	2785987.6782	814394.3431
CC ()		2786150.6782	812051.9120
CS ()	1545+30.92	2785488.5382	814243.5419
Radius:	2289.4695		
Design Speed(mph):	50.0000		
Cant(inches):	2.250		
Delta:	25^39'37.2501" Right		
Degree of Curvature(Chord):	2^30'10.0000"		
Length:	1025.3562		
Length(Chorded):	1025.2747		
Tangent:	521.4228		

Chord: 1016.8084
 Middle Ordinate: 57.1622
 External: 58.6260
 Tangent Direction: S 8^50'58.6170" E
 Radial Direction: S 81^09'01.3830" W
 Chord Direction: S 3^58'50.0080" W
 Radial Direction: N 73^11'21.3669" W
 Tangent Direction: S 16^48'38.6331" W

Element: Clothoid

CS ()	1545+30.92	2785488.5382	814243.5419
SPI ()	1545+79.26	2785442.2660	814229.5620
ST ()	1546+75.92	2785350.6571	814198.6875
Entrance Radius:	2289.4695		
Exit Radius:	0.0000		
Length:	145.0000		
Angle:	1^48'51.7307" Right		
Constant:	576.1711		
Long Tangent:	96.6718		
Short Tangent:	48.3379		
Long Chord:	144.9935		
Xs:	144.9855		
Ys:	1.5304		
P:	0.3826		
K:	72.4976		
Tangent Direction:	S 16^48'38.6331" W		
Radial Direction:	N 73^11'21.3669" W		
Chord Direction:	S 18^01'13.1391" W		
Radial Direction:	N 71^22'29.6363" W		
Tangent Direction:	S 18^37'30.3637" W		

Element: Linear

ST ()	1546+75.92	2785350.6571	814198.6875
PI ()	1547+43.45	2785286.6662	814177.1210
Tangent Direction:	S 18^37'30.3637" W		
Tangent Length:	67.5274		

Element: Linear

PI ()	1547+43.45	2785286.6662	814177.1210
PI ()	1547+83.43	2785248.7808	814164.3527
Tangent Direction:	S 18^37'30.3637" W		
Tangent Length:	39.9792		

Element: Linear

PI ()	1547+83.43	2785248.7808	814164.3527
TS ()	1549+11.20	2785127.6960	814123.5441
Tangent Direction:	S 18^37'30.3637" W		
Tangent Length:	127.7766		

Element: Clothoid

TS ()	1549+11.20	2785127.6960	814123.5441
SPI ()	1549+77.89	2785064.4972	814102.2445
SC ()	1550+11.20	2785033.8983	814088.9658
Entrance Radius:	0.0000		

Exit Radius: 592.6540
 Length: 100.0000
 Angle: 4^{50'01.7904"} Right
 Constant: 243.4449
 Long Tangent: 66.6916
 Short Tangent: 33.3559
 Long Chord: 99.9684
 Xs: 99.9288
 Ys: 2.8108
 P: 0.7029
 K: 49.9881
 Tangent Direction: S 18^{37'30.3637"} W
 Radial Direction: N 71^{22'29.6363"} W
 Chord Direction: S 20^{14'10.6033"} W
 Radial Direction: N 66^{32'27.8459"} W
 Tangent Direction: S 23^{27'32.1541"} W

Element: Circular

SC ()	1550+11.20	2785033.8983	814088.9658
PI ()	1551+75.59	2784883.1016	814023.5260
CC ()		2785269.8289	813545.2972
CS ()	1553+31.53	2784787.5586	813889.7593
Radius:	592.6540		
Design Speed(mph):	25.0000		
Cant(inches):	1.500		
Delta:	31 ^{00'16.9388"} Right		
Degree of Curvature(Chord):	9 ^{40'45.0000"}		
Length:	320.7053		
Length(Chorded):	320.3241		
Tangent:	164.3837		
Chord:	316.8067		
Middle Ordinate:	21.5611		
External:	22.3751		
Tangent Direction:	S 23 ^{27'32.1541"} W		
Radial Direction:	N 66 ^{32'27.8459"} W		
Chord Direction:	S 38 ^{57'40.6235"} W		
Radial Direction:	N 35 ^{32'10.9071"} W		
Tangent Direction:	S 54 ^{27'49.0929"} W		

Element: Clothoid

CS ()	1553+31.53	2784787.5586	813889.7593
SPI ()	1553+64.88	2784768.1715	813862.6160
ST ()	1554+31.53	2784734.1200	813805.2726
Entrance Radius:	592.6540		
Exit Radius:	0.0000		
Length:	100.0000		
Angle:	4 ^{50'01.7904"} Right		
Constant:	243.4449		
Long Tangent:	66.6916		
Short Tangent:	33.3559		
Long Chord:	99.9684		
Xs:	99.9288		
Ys:	2.8108		
P:	0.7029		

K: 49.9881
 Tangent Direction: S 54^27'49.0929" W
 Radial Direction: N 35^32'10.9071" W
 Chord Direction: S 57^41'10.6437" W
 Radial Direction: N 30^42'09.1167" W
 Tangent Direction: S 59^17'50.8833" W

Element: Linear

ST ()	1554+31.53	2784734.1200	813805.2726
PI ()	1556+67.66	2784613.5563	813602.2406
Tangent Direction:	S 59^17'50.8833" W		
Tangent Length:	236.1305		

Element: Linear

PI ()	1556+67.66	2784613.5563	813602.2406
PI ()	1557+07.64	2784593.1437	813567.8653
Tangent Direction:	S 59^17'50.8833" W		
Tangent Length:	39.9792		

Element: Linear

PI ()	1557+07.64	2784593.1437	813567.8653
TS ()	1559+81.34	2784453.3965	813332.5279
Tangent Direction:	S 59^17'50.8833" W		
Tangent Length:	273.7024		

Element: Clothoid

TS ()	1559+81.34	2784453.3965	813332.5279
SPI ()	1560+22.67	2784432.2921	813296.9876
SC ()	1560+43.34	2784422.0780	813279.0206
Entrance Radius:	0.0000		
Exit Radius:	1637.2800		
Length:	62.0000		
Angle:	1^05 '05.3852" Right		
Constant:	318.6085		
Long Tangent:	41.3341		
Short Tangent:	20.6674		
Long Chord:	61.9990		
Xs:	61.9978		
Ys:	0.3913		
P:	0.0978		
K:	30.9996		
Tangent Direction:	S 59^17'50.8833" W		
Radial Direction:	N 30^42'09.1167" W		
Chord Direction:	S 59^39'32.6743" W		
Radial Direction:	N 29^37'03.7315" W		
Tangent Direction:	S 60^22'56.2685" W		

Element: Circular

SC ()	1560+43.34	2784422.0780	813279.0206
PI ()	1564+60.52	2784215.9038	812916.3492
CC ()		2785845.4348	812469.8596
CS ()	1568+60.19	2784208.4183	812499.2374
Radius:	1637.2800		
Design Speed(mph):	30.0000		

Cant(inches): 0.500
 Delta: 28^35'22.5146" Right
 Degree of Curvature(Chord): 3^29'59.9756"
 Length: 816.9740
 Length(Chorded): 816.8469
 Tangent: 417.1790
 Chord: 808.5248
 Middle Ordinate: 50.6932
 External: 52.3129
 Tangent Direction: S 60^22'56.2685" W
 Radial Direction: N 29^37'03.7315" W
 Chord Direction: S 74^40'37.5258" W
 Radial Direction: N 1^01'41.2169" W
 Tangent Direction: S 88^58'18.7831" W

Element: Clothoid
 CS () 1568+60.19 2784208.4183 812499.2374
 SPI () 1568+80.85 2784208.0475 812478.5733
 ST () 1569+22.19 2784208.0884 812437.2393
 Entrance Radius: 1637.2800
 Exit Radius: 0.0000
 Length: 62.0000
 Angle: 1^05'05.3852" Right
 Constant: 318.6085
 Long Tangent: 41.3341
 Short Tangent: 20.6674
 Long Chord: 61.9990
 Xs: 61.9978
 Ys: 0.3913
 P: 0.0978
 K: 30.9996
 Tangent Direction: S 88^58'18.7831" W
 Radial Direction: N 1^01'41.2169" W
 Chord Direction: S 89^41'42.3773" W
 Radial Direction: N 0^03'24.1683" E
 Tangent Direction: N 89^56'35.8317" W

Element: Linear
 ST () 1569+22.19 2784208.0884 812437.2393
 PI () 1570+50.02 2784208.2150 812309.4105
 Tangent Direction: N 89^56'35.8317" W
 Tangent Length: 127.8288

Element: Linear
 PI () 1570+50.02 2784208.2150 812309.4105
 PI () 1570+89.99 2784208.2545 812269.4318
 Tangent Direction: N 89^56'35.8317" W
 Tangent Length: 39.9787

Element: Linear
 PI () 1570+89.99 2784208.2545 812269.4318
 PI () 1572+30.75 2784208.3939 812128.6718
 Tangent Direction: N 89^56'35.8317" W
 Tangent Length: 140.7601

Element: Linear

PI ()	1572+30.75	2784208.3939	812128.6718
PI ()	1572+60.65	2784208.4234	812098.7760
Tangent Direction:	N 89^56'35.8317" W		
Tangent Length:	29.8958		

Element: Linear

PI ()	1572+60.65	2784208.4234	812098.7760
PI ()	1573+60.65	2784208.5224	811998.7761
Tangent Direction:	N 89^56'35.8317" W		
Tangent Length:	100.0000		

Element: Linear

PI ()	1573+60.65	2784208.5224	811998.7761
PI ()	1574+00.63	2784208.5620	811958.7983
Tangent Direction:	N 89^56'35.8317" W		
Tangent Length:	39.9778		

Element: Linear

PI ()	1574+00.63	2784208.5620	811958.7983
PC ()	1584+05.83	2784209.5570	810953.5954
Tangent Direction:	N 89^56'35.8317" W		
Tangent Length:	1005.2034		

Element: Circular

PC ()	1584+05.83	2784209.5570	810953.5954
PI ()	1584+56.60	2784209.6072	810902.8304
CC ()		2325843.5445	810499.8881
PT ()	1585+07.36	2784209.6462	810852.0653
Radius:	458366.2370		
Design Speed(mph):	79.0000		
Delta:	0^00'45.6885" Left		
Degree of Curvature(Chord):	0^00'45.0000"		
Length:	101.5301		
Length(Chorded):	101.5301		
Tangent:	50.7650		
Chord:	101.5301		
Middle Ordinate:	0.0028		
External:	0.0028		
Tangent Direction:	N 89^56'35.8317" W		
Radial Direction:	N 0^03'24.1683" E		
Chord Direction:	N 89^56'58.6759" W		
Radial Direction:	N 0^02'38.4798" E		
Tangent Direction:	N 89^57'21.5202" W		

Element: Linear

PT ()	1585+07.36	2784209.6462	810852.0653
PI ()	1604+52.67	2784211.1409	808906.7526
Tangent Direction:	N 89^57'21.5202" W		
Tangent Length:	1945.3133		

Element: Linear

PI ()	1604+52.67	2784211.1409	808906.7526
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PI () 1605+12.22 2784211.1866 808847.2109
 Tangent Direction: N 89^{57'21.5202"} W
 Tangent Length: 59.5417

Element: Linear

PI () 1605+12.22 2784211.1866 808847.2109
 PI () 1654+48.16 2784214.9791 803911.2677
 Tangent Direction: N 89^{57'21.5202"} W
 Tangent Length: 4935.9447

Element: Linear

PI () 1654+48.16 2784214.9791 803911.2677
 PI () 1654+78.06 2784215.0020 803881.3719
 Tangent Direction: N 89^{57'21.5202"} W
 Tangent Length: 29.8958

Element: Linear

PI () 1654+78.06 2784215.0020 803881.3719
 PC () 1673+25.94 2784216.4218 802033.4919
 Tangent Direction: N 89^{57'21.5202"} W
 Tangent Length: 1847.8805

Element: Circular

PC () 1673+25.94 2784216.4218 802033.4919
 PI () 1673+80.00 2784216.4634 801979.4300
 CC () 2429216.5266 801760.7342
 PT () 1674+34.06 2784216.4884 801925.3680
 Radius: 355000.0000
 Design Speed(mph): 79.0000
 Delta: 0^{01'02.8230"} Left
 Degree of Curvature(Chord): 0^{00'58.1028"}
 Length: 108.1240
 Length(Chorded): 108.1240
 Tangent: 54.0620
 Chord: 108.1240
 Middle Ordinate: 0.0041
 External: 0.0041
 Tangent Direction: N 89^{57'21.5202"} W
 Radial Direction: N 0^{02'38.4798"} E
 Chord Direction: N 89^{57'52.9317"} W
 Radial Direction: N 0^{01'35.6568"} E
 Tangent Direction: N 89^{58'24.3432"} W

Element: Linear

PT () 1674+34.06 2784216.4884 801925.3680
 TS () 1702+52.74 2784217.7956 799106.6864
 Tangent Direction: N 89^{58'24.3432"} W
 Tangent Length: 2818.6819

Element: Clothoid

TS () 1702+52.74 2784217.7956 799106.6864
 SPI () 1703+52.74 2784217.8420 799006.6860
 SC () 1704+02.74 2784217.4288 798956.6873
 Entrance Radius: 0.0000

Exit Radius: 8593.9857
 Length: 150.0000
 Angle: 0^30'00.0798" Left
 Constant: 1135.3845
 Long Tangent: 100.0004
 Short Tangent: 50.0004
 Long Chord: 149.9995
 Xs: 149.9989
 Ys: 0.4363
 P: 0.1091
 K: 74.9998
 Tangent Direction: N 89^58'24.3432" W
 Radial Direction: N 0^01'35.6568" E
 Chord Direction: S 89^51'35.6305" W
 Radial Direction: N 0^28'24.4231" W
 Tangent Direction: S 89^31'35.5769" W

Element: Circular

SC ()	1704+02.74	2784217.4288	798956.6873
PI ()	1705+15.99	2784216.4931	798843.4438
CC ()		2775623.7365	799027.7010
CS ()	1706+29.22	2784212.5736	798730.2642
Radius:	8593.9857		
Design Speed(mph):	79.0000		
Cant(inches):	1.000		
Delta:	1^30'35.8028" Left		
Degree of Curvature(Chord):	0^40'00.1200"		
Length:	226.4817		
Length(Chorded):	226.4805		
Tangent:	113.2474		
Chord:	226.4752		
Middle Ordinate:	0.7461		
External:	0.7461		
Tangent Direction:	S 89^31'35.5769" W		
Radial Direction:	N 0^28'24.4231" W		
Chord Direction:	S 88^46'17.6755" W		
Radial Direction:	N 1^59'00.2258" W		
Tangent Direction:	S 88^00'59.7742" W		

Element: Clothoid

CS ()	1706+29.22	2784212.5736	798730.2642
SPI ()	1706+79.22	2784210.8431	798680.2938
ST ()	1707+79.22	2784206.5100	798580.3873
Entrance Radius:	8593.9857		
Exit Radius:	0.0000		
Length:	150.0000		
Angle:	0^30'00.0798" Left		
Constant:	1135.3845		
Long Tangent:	100.0004		
Short Tangent:	50.0004		
Long Chord:	149.9995		
Xs:	149.9989		
Ys:	0.4363		
P:	0.1091		

K: 74.9998
 Tangent Direction: S 88^00'59.7742" W
 Radial Direction: N 1^59'00.2258" W
 Chord Direction: S 87^40'59.7205" W
 Radial Direction: N 2^29'00.3057" W
 Tangent Direction: S 87^30'59.6943" W

Element: Linear

ST ()	1707+79.22	2784206.5100	798580.3873
PC ()	1740+04.25	2784066.7687	795358.3868
Tangent Direction: S 87^30'59.6943" W			
Tangent Length:	3225.0294		

Element: Circular

PC ()	1740+04.25	2784066.7687	795358.3868
PI ()	1740+54.26	2784064.6020	795308.4305
CC ()		2628939.4828	802086.4106
PT ()	1741+04.26	2784062.4032	795258.4755
Radius:	155273.1179		
Design Speed(mph):	79.0000		
Delta:	0^02'12.8488" Left		
Degree of Curvature(Chord):	0^02'12.8400"		
Length:	100.0066		
Length(Chorded):	100.0066		
Tangent:	50.0033		
Chord:	100.0066		
Middle Ordinate:	0.0081		
External:	0.0081		
Tangent Direction: S 87^30'59.6943" W			
Radial Direction: N 2^29'00.3057" W			
Chord Direction: S 87^29'53.2699" W			
Radial Direction: N 2^31'13.1545" W			
Tangent Direction: S 87^28'46.8455" W			

Element: Linear

PT ()	1741+04.26	2784062.4032	795258.4755
PC ()	1767+00.55	2783948.2346	792664.6950
Tangent Direction: S 87^28'46.8455" W			
Tangent Length:	2596.2920		

Element: Circular

PC ()	1767+00.55	2783948.2346	792664.6950
PI ()	1767+50.59	2783946.0343	792614.7073
CC ()		3011092.5088	782666.6473
PT ()	1768+00.62	2783943.8561	792564.7186
Radius:	227364.2062		
Design Speed(mph):	79.0000		
Delta:	0^01'30.7855" Right		
Degree of Curvature(Chord):	0^01'30.7200"		
Length:	100.0722		
Length(Chorded):	100.0722		
Tangent:	50.0361		
Chord:	100.0722		
Middle Ordinate:	0.0055		

External: 0.0055
 Tangent Direction: S 87^o28'46.8455" W
 Radial Direction: N 2^o31'13.1545" W
 Chord Direction: S 87^o29'32.2383" W
 Radial Direction: N 2^o29'42.3690" W
 Tangent Direction: S 87^o30'17.6310" W

Element: Linear

PT ()	1768+00.62	2783943.8561	792564.7186
PC ()	1788+91.42	2783852.8355	790475.9088
Tangent Direction: S 87 ^o 30'17.6310" W			
Tangent Length:	2090.7920		

Element: Circular

PC ()	1788+91.42	2783852.8355	790475.9088
PI ()	1789+46.55	2783850.4354	790420.8275
CC ()		3012818.6775	780498.6529
PT ()	1790+01.68	2783848.0617	790365.7451
Radius:	229183.1199		
Design Speed(mph):	79.0000		
Delta:	0 ^o 01'39.2404" Right		
Degree of Curvature(Chord):	0 ^o 01'30.0000"		
Length:	110.2671		
Length(Chorded):	110.2671		
Tangent:	55.1335		
Chord:	110.2671		
Middle Ordinate:	0.0066		
External:	0.0066		
Tangent Direction: S 87 ^o 30'17.6310" W			
Radial Direction: N 2 ^o 29'42.3690" W			
Chord Direction: S 87 ^o 31'07.2512" W			
Radial Direction: N 2 ^o 28'03.1286" W			
Tangent Direction: S 87 ^o 31'56.8714" W			

Element: Linear

PT ()	1790+01.68	2783848.0617	790365.7451
PC ()	1803+93.33	2783788.1468	788975.3916
Tangent Direction: S 87 ^o 31'56.8714" W			
Tangent Length:	1391.6439		

Element: Circular

PC ()	1803+93.33	2783788.1468	788975.3916
PI ()	1804+44.22	2783785.9558	788924.5478
CC ()		2587527.8427	797432.8896
PT ()	1804+95.11	2783783.7384	788873.7052
Radius:	196442.4502		
Design Speed(mph):	79.0000		
Delta:	0 ^o 01'46.8711" Left		
Degree of Curvature(Chord):	0 ^o 01'45.0001"		
Length:	101.7819		
Length(Chorded):	101.7819		
Tangent:	50.8910		
Chord:	101.7819		
Middle Ordinate:	0.0066		

External: 0.0066
 Tangent Direction: S 87^31'56.8714" W
 Radial Direction: N 2^28'03.1286" W
 Chord Direction: S 87^31'03.4358" W
 Radial Direction: N 2^29'49.9997" W
 Tangent Direction: S 87^30'10.0003" W

Element: Linear

PT ()	1804+95.11	2783783.7384	788873.7052
TS ()	1848+58.54	2783593.6197	784514.4216
Tangent Direction:	S 87^30'10.0003" W		
Tangent Length:	4363.4274		

Element: Clothoid

TS ()	1848+58.54	2783593.6197	784514.4216
SPI ()	1851+54.05	2783580.7441	784219.1926
SC ()	1853+01.70	2783564.8091	784072.2732
Entrance Radius:	0.0000		
Exit Radius:	3437.8680		
Length:	443.1679		
Angle:	3^41'34.5670" Left		
Constant:	1234.3227		
Long Tangent:	295.5097		
Short Tangent:	147.7810		
Long Chord:	443.0860		
Xs:	442.9838		
Ys:	9.5185		
P:	2.3800		
K:	221.5532		
Tangent Direction:	S 87^30'10.0003" W		
Radial Direction:	N 2^29'49.9997" W		
Chord Direction:	S 86^16'18.6372" W		
Radial Direction:	N 6^11'24.5668" W		
Tangent Direction:	S 83^48'35.4332" W		

Element: Circular

SC ()	1853+01.70	2783564.8091	784072.2732
PI ()	1859+26.48	2783497.4399	783451.1355
CC ()		2780146.9856	784442.9736
CS ()	1865+37.73	2783215.8318	782893.4191
Radius:	3437.8680		
Design Speed(mph):	70.0000		
Cant(inches):	3.000		
Delta:	20^36'01.6303" Left		
Degree of Curvature(Chord):	1^40'00.0000"		
Length:	1236.0708		
Length(Chorded):	1236.0272		
Tangent:	624.7805		
Chord:	1229.4236		
Middle Ordinate:	55.4035		
External:	56.3110		
Tangent Direction:	S 83^48'35.4332" W		
Radial Direction:	N 6^11'24.5668" W		
Chord Direction:	S 73^30'34.6181" W		

Radial Direction: N 26^47'26.1971" W
Tangent Direction: S 63^12'33.8029" W

Element: Clothoid

CS ()	1865+37.73	2783215.8318	782893.4191
SPI ()	1866+70.46	2783156.0055	782774.9350
ST ()	1869+35.80	2783022.8610	782545.3200
Entrance Radius:	3437.8680		
Exit Radius:	0.0000		
Length:	398.0677		
Angle:	3^19'01.6106" Left		
Constant:	1169.8309		
Long Tangent:	265.4252		
Short Tangent:	132.7315		
Long Chord:	398.0084		
Xs:	397.9343		
Ys:	7.6801		
P:	1.9203		
K:	199.0116		
Tangent Direction:	S 63^12'33.8029" W		
Radial Direction:	N 26^47'26.1971" W		
Chord Direction:	S 60^59'52.6138" W		
Radial Direction:	N 30^06'27.8077" W		
Tangent Direction:	S 59^53'32.1923" W		

Element: Linear

ST ()	1869+35.80	2783022.8610	782545.3200
PI ()	1870+06.43	2782987.4320	782484.2207
Tangent Direction:	S 59^53'32.1923" W		
Tangent Length:	70.6281		

Element: Linear

PI ()	1870+06.43	2782987.4320	782484.2207
PI ()	1870+36.32	2782972.4354	782458.3583
Tangent Direction:	S 59^53'32.1923" W		
Tangent Length:	29.8958		

Element: Linear

PI ()	1870+36.32	2782972.4354	782458.3583
PI ()	1888+09.52	2782082.9518	780924.3953
Tangent Direction:	S 59^53'32.1923" W		
Tangent Length:	1773.1959		

Element: Linear

PI ()	1888+09.52	2782082.9518	780924.3953
PI ()	1888+39.41	2782067.9553	780898.5329
Tangent Direction:	S 59^53'32.1923" W		
Tangent Length:	29.8958		

Element: Linear

PI ()	1888+39.41	2782067.9553	780898.5329
PC ()	1896+86.70	2781642.9328	780165.5583
Tangent Direction:	S 59^53'32.1923" W		
Tangent Length:	847.2874		

Element: Circular

PC ()	1896+86.70	2781642.9328	780165.5583
PI ()	1897+36.95	2781617.7246	780122.0855
CC ()		3538110.6309	341520.3079
PT ()	1897+87.21	2781592.5215	780078.6098
Radius:	874444.4146		
Design Speed(mph):	76.3854		
Delta:	0^00'23.7073"	Right	
Degree of Curvature(Chord):	0^00'23.5881"		
Length:	100.5054		
Length(Chorded):	100.5054		
Tangent:	50.2527		
Chord:	100.5054		
Middle Ordinate:	0.0014		
External:	0.0014		
Tangent Direction:	S 59^53'32.1923" W		
Radial Direction:	N 30^06'27.8077" W		
Chord Direction:	S 59^53'44.0460" W		
Radial Direction:	N 30^06'04.1004" W		
Tangent Direction:	S 59^53'55.8996" W		

Element: Linear

PT ()	1897+87.21	2781592.5215	780078.6098
PC ()	1911+55.11	2780906.4812	778895.1826
Tangent Direction:	S 59^53'55.8996" W		
Tangent Length:	1367.9003		

Element: Circular

PC ()	1911+55.11	2780906.4812	778895.1826
PI ()	1912+05.49	2780881.2153	778851.5985
CC ()		2197383.4910	1117167.1268
PT ()	1912+55.86	2780855.9428	778808.0182
Radius:	674482.7562		
Design Speed(mph):	79.0000		
Delta:	0^00'30.8123" Left		
Degree of Curvature(Chord):	0^00'30.5812"		
Length:	100.7559		
Length(Chorded):	100.7559		
Tangent:	50.3779		
Chord:	100.7559		
Middle Ordinate:	0.0019		
External:	0.0019		
Tangent Direction:	S 59^53'55.8996" W		
Radial Direction:	N 30^06'04.1004" W		
Chord Direction:	S 59^53'40.4935" W		
Radial Direction:	N 30^06'34.9127" W		
Tangent Direction:	S 59^53'25.0873" W		

Element: Linear

PT ()	1912+55.86	2780855.9428	778808.0182
PI ()	1928+90.93	2780035.7021	777393.5805
Tangent Direction:	S 59^53'25.0873" W		
Tangent Length:	1635.0624		

Element: Linear

PI ()	1928+90.93	2780035.7021	777393.5805
POT ()	1932+89.93	2779835.5397	777048.4170
Tangent Direction: S 59^53'25.0873" W				
Tangent Length: 399.0023				