

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(Chord):	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(Chord): 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(Chord):	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(Chord): 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

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(Chord): 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(Chord):	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(Chord):	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(Chord):	100.0722		
Tangent:	50.0361		
Chord:	100.0722		
Middle Ordinate:	0.0055		

External: 0.0055  
 Tangent Direction: S 87^28'46.8455" W  
 Radial Direction: N 2^31'13.1545" W  
 Chord Direction: S 87^29'32.2383" W  
 Radial Direction: N 2^29'42.3690" W  
 Tangent Direction: S 87^30'17.6310" W

Element: Linear

PT ( )	1768+00.62	2783943.8561	792564.7186
PC ( )	1788+91.42	2783852.8355	790475.9088
Tangent Direction: S 87^30'17.6310" 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:	0^01'39.2404"	Right	
Degree of Curvature(Chord):	0^01'30.0000"		
Length:	110.2671		
Length(Chord):	110.2671		
Tangent:	55.1335		
Chord:	110.2671		
Middle Ordinate:	0.0066		
External:	0.0066		
Tangent Direction:	S 87^30'17.6310" W		
Radial Direction:	N 2^29'42.3690" W		
Chord Direction:	S 87^31'07.2512" W		
Radial Direction:	N 2^28'03.1286" W		
Tangent Direction:	S 87^31'56.8714" W		

Element: Linear

PT ( )	1790+01.68	2783848.0617	790365.7451
PC ( )	1803+93.33	2783788.1468	788975.3916
Tangent Direction: S 87^31'56.8714" 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:	0^01'46.8711"	Left	
Degree of Curvature(Chord):	0^01'45.0001"		
Length:	101.7819		
Length(Chord):	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(Chord):	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(Chord):			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(Chord):			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		