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Project Information	Coordinate System
Name: C:\Users\DellXPS\Documents\Trimble Business Center\LouisaCoFinal.vce	Name: US State Plane 1983
Size: 2 MB	Datum: NAD 1983 (Conus)
Modified: 11/9/2012 4:11:34 PM (UTC:-6)	Zone: Iowa South 1402
Time zone: Central Standard Time	Geoid: GEOID12A (Conus)
Reference number:	Vertical datum: NAVD88
Description: USFeet Template	

Network Adjustment Report

Adjustment Settings

Set-Up Errors

GNSS

Error in Height of Antenna: 0.010 ft

Centering Error: 0.010 ft

Covariance Display

Horizontal:

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

Scale on Linear Error [S]: 1.960

Three-Dimensional

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 ft

Scale on Linear Error [S]: 1.960

Adjustment Statistics

Number of Iterations for Successful Adjustment: 3

Network Reference Factor: 1.00

Chi Square Test (95%): Passed

Precision Confidence Level: 95%

Degrees of Freedom:

338

Post Processed Imported Vector Statistics

Reference Factor: 1.00

Redundancy Number: 319.62

A Priori Scalar: 2.12

Post Processed Vector Statistics

Reference Factor: 1.01

Redundancy Number: 18.38

A Priori Scalar: 1.51

Control Point Constraints

Point ID	Type	North σ (US survey foot)	East σ (US survey foot)	Height σ (US survey foot)	Elevation σ (US survey foot)
1	Grid				Fixed
10	Grid				Fixed
11	Grid				Fixed
116	Grid				Fixed
12	Grid				Fixed
120	Grid				Fixed
127	Grid				Fixed
131	Grid				Fixed
138	Grid				Fixed
14	Grid				Fixed
142	Grid				Fixed
149	Grid				Fixed
15	Grid				Fixed
153	Grid				Fixed
16	Grid				Fixed
160	Grid				Fixed
167	Grid				Fixed
17	Grid				Fixed
18	Grid				Fixed
19	Grid				Fixed
2	Grid				Fixed
20	Grid				Fixed
209	Grid	Fixed	Fixed		Fixed
21	Grid				Fixed
22	Grid				Fixed

220	Grid	Fixed	Fixed		Fixed
23	Grid				Fixed
231	Grid	Fixed	Fixed		Fixed
24	Grid				Fixed
244	Grid	Fixed	Fixed		Fixed
257	Grid	Fixed	Fixed		Fixed
26	Grid				Fixed
266	Grid	Fixed	Fixed		Fixed
27	Grid				Fixed
273	Grid	Fixed	Fixed		Fixed
277	Grid	Fixed	Fixed		Fixed
28	Grid				Fixed
29	Grid				Fixed
3	Grid				Fixed
30	Grid				Fixed
308	Grid	Fixed	Fixed		Fixed
309	Grid	Fixed	Fixed		Fixed
31	Grid				Fixed
32	Grid				Fixed
33	Grid				Fixed
34	Grid				Fixed
35	Grid				Fixed
36	Grid				Fixed
37	Grid				Fixed
38	Grid				Fixed
4	Grid				Fixed
435	Grid				Fixed
440	Grid				Fixed
446	Grid				Fixed
447	Grid				Fixed
448	Grid				Fixed
449	Grid				Fixed
5	Grid				Fixed
502	Grid	Fixed	Fixed		Fixed
503	Grid	Fixed	Fixed		Fixed
506	Grid	Fixed	Fixed		Fixed
507	Grid				Fixed
6	Grid				Fixed
7	Grid				Fixed
710	Grid				Fixed
79	Grid				Fixed
8	Grid				Fixed

	Grid				Fixed
801	Grid				Fixed
802	Grid				Fixed
809	Grid				Fixed
81	Grid				Fixed
9	Grid				Fixed
Fixed = 0.000003(US survey foot)					

Adjusted Grid Coordinates

Point ID	Northing (US survey foot)	Northing Error (US survey foot)	Easting (US survey foot)	Easting Error (US survey foot)	Elevation (US survey foot)	Elevation Error (US survey foot)	Constraint
1	512257.342	0.052	2208673.742	0.050	615.300	?	e
10	480637.874	0.045	2225981.555	0.044	710.120	?	e
11	475065.821	0.035	2208829.055	0.034	712.100	?	e
116	525087.631	0.064	2193207.115	0.062	616.450	?	e
12	461715.207	0.041	2210175.983	0.040	646.740	?	e
120	515058.553	0.066	2193489.085	0.064	707.810	?	e
127	503813.502	0.049	2193621.180	0.048	697.740	?	e
13	460618.839	0.045	2226160.378	0.043	724.378	0.035	
131	493530.520	0.032	2193791.442	0.031	744.140	?	e
138	483035.705	0.030	2193986.706	0.030	718.290	?	e
14	463657.973	0.041	2238819.394	0.040	713.650	?	e
142	472502.499	0.037	2194123.510	0.037	700.590	?	e
149	461656.871	0.049	2194395.380	0.048	729.890	?	e
15	463712.505	0.050	2259387.970	0.048	589.170	?	e
153	451082.624	0.054	2194441.011	0.053	697.810	?	e
16	462901.739	0.043	2273320.658	0.042	634.570	?	e
160	440477.618	0.061	2194621.423	0.060	730.060	?	e
167	429991.591	0.067	2194949.311	0.066	691.440	?	e
17	463411.912	0.045	2293791.296	0.043	534.260	?	e
18	447021.042	0.046	2295111.905	0.044	666.780	?	e
19	446980.319	0.042	2273764.713	0.040	562.940	?	e
2	493698.283	0.033	2208719.942	0.032	728.714	?	e
20	446939.871	0.040	2257466.761	0.038	589.500	?	e
209	398478.926	?	2227455.875	?	724.800	?	NEe
21	449325.509	0.043	2242104.148	0.042	654.600	?	e
22	446791.889	0.041	2226417.404	0.040	685.020	?	e
220	398911.906	?	2243642.117	?	803.980	?	NEe

23	444875.850	0.048	2209167.397	0.047	696.570	?	e
231	399387.784	?	2259091.748	?	764.180	?	NEe
24	430891.101	0.041	2242665.914	0.039	666.340	?	e
244	399437.091	?	2275016.955	?	747.670	?	NEe
25	431015.513	0.046	2258482.198	0.043	594.969	0.042	
257	399882.697	?	2294556.338	?	714.540	?	NEe
26	431473.945	0.041	2274420.250	0.038	580.310	?	e
266	400154.421	?	2306100.307	?	704.070	?	NEe
27	434602.828	0.047	2288079.373	0.043	559.000	?	e
273	398031.709	?	2322715.403	?	534.420	?	NEe
277	399006.842	?	2336008.143	?	529.720	?	NEe
28	434515.277	0.045	2303693.974	0.042	638.300	?	e
29	431713.546	0.052	2324770.231	0.048	534.000	?	e
3	491399.782	0.051	2240667.928	0.050	672.390	?	e
30	420940.853	0.057	2332682.226	0.052	529.100	?	e
308	339390.010	?	2310282.891	?	708.270	?	NEe
309	400862.825	?	2330499.674	?	534.830	?	NEe
31	416903.347	0.049	2322298.320	0.043	535.700	?	e
32	416317.310	0.038	2308655.765	0.033	578.230	?	e
33	415626.152	0.044	2290116.655	0.041	561.220	?	e
34	415594.716	0.038	2274858.992	0.036	631.040	?	e
35	414955.614	0.034	2258819.337	0.033	717.760	?	e
36	415484.355	0.037	2244012.324	0.036	796.700	?	e
37	407222.610	0.061	2322443.587	0.050	536.020	?	e
38	406372.770	0.050	2338098.150	0.046	529.390	?	e
4	494633.985	0.040	2272212.336	0.039	733.210	?	e
435	517704.537	0.063	2225105.385	0.061	612.940	?	e
440	504529.411	0.062	2225208.313	0.060	597.960	?	e
446	495156.880	0.045	2225332.342	0.044	604.370	?	e
447	497240.839	0.046	2257120.099	0.045	685.380	?	e
448	496336.843	0.043	2289667.082	0.041	545.870	?	e
449	495097.424	0.061	2296969.937	0.059	538.460	?	e
5	484845.302	0.056	2299752.974	0.054	547.640	?	e
502	489110.910	?	2172928.400	?	753.170	?	NEe
503	499758.980	?	2193674.390	?	683.400	?	NEe
506	534513.340	?	2278067.910	?	741.890	?	NEe
507	472329.793	0.050	2283888.550	0.048	696.810	?	e
6	479077.371	0.043	2287828.598	0.041	537.660	?	e
7	478769.159	0.041	2274038.633	0.040	690.490	?	e
710	426170.922	0.053	2312224.861	0.049	547.870	?	e
79	525741.167	0.072	2224938.823	0.070	615.480	?	e
8	478579.887	0.048	2257503.019	0.047	676.721	?	e

	525375.157	0.065	2208918.614	0.063	647.890	?	e
801	430023.109	0.054	2209195.461	0.053	724.290	?	e
802	430205.053	0.044	2226792.187	0.043	732.580	?	e
809	414356.077	0.041	2227126.307	0.040	707.280	?	e
81	527886.400	0.065	2197153.092	0.062	617.150	?	e
9	478198.506	0.043	2241685.826	0.042	601.990	?	e

Adjusted Geodetic Coordinates

Point ID	Latitude	Longitude	Height (US survey foot)	Height Error (US survey foot)	Constraint
1	N41°23'14.78372"	W91°25'43.97601"	507.548	?	e
10	N41°17'58.32758"	W91°22'07.13588"	602.100	?	e
11	N41°17'07.37933"	W91°25'53.54107"	604.140	?	e
116	N41°25'25.10659"	W91°29'02.93717"	508.864	?	e
12	N41°14'55.18695"	W91°25'40.06822"	538.671	?	e
120	N41°23'45.97767"	W91°29'02.28782"	600.177	?	e
127	N41°21'54.87129"	W91°29'03.97373"	590.031	?	e
13	N41°14'40.54236"	W91°22'11.21650"	616.234	0.035	
131	N41°20'13.25860"	W91°29'04.86568"	636.369	?	e
138	N41°18'29.54710"	W91°29'05.49364"	610.446	?	e
14	N41°15'07.46577"	W91°19'24.55277"	605.457	?	e
142	N41°16'45.46913"	W91°29'06.89820"	592.659	?	e
149	N41°14'58.27352"	W91°29'06.62841"	621.877	?	e
15	N41°15'02.83228"	W91°14'55.32894"	480.870	?	e
153	N41°13'13.80982"	W91°29'09.23645"	589.718	?	e
16	N41°14'51.22142"	W91°11'53.26256"	526.244	?	e
160	N41°11'29.01088"	W91°29'10.08896"	621.896	?	e
167	N41°09'45.35298"	W91°29'08.97701"	583.205	?	e
17	N41°14'50.82193"	W91°07'25.18523"	425.920	?	e
18	N41°12'08.57170"	W91°07'13.77217"	558.347	?	e
19	N41°12'13.84488"	W91°11'52.96670"	454.479	?	e
2	N41°20'11.45249"	W91°25'49.16307"	620.869	?	e
20	N41°12'17.65181"	W91°15'26.13492"	481.074	?	e
209	N41°04'26.41746"	W91°22'14.17458"	616.279	?	NEe
21	N41°12'45.08102"	W91°18'46.27833"	546.274	?	e
22	N41°12'23.90054"	W91°22'12.28464"	576.757	?	e
220	N41°04'26.72549"	W91°18'42.75302"	695.437	?	NEe
23	N41°12'09.08571"	W91°25'58.50733"	588.370	?	e
231	N41°04'27.53712"	W91°15'20.93142"	655.619	?	NEe

24	N41°09'42.85208"	W91°18'44.99554"	557.898	?	e
244	N41°04'23.91254"	W91°11'53.04836"	639.098	?	NEe
25	N41°09'40.09963"	W91°15'18.23066"	486.449	0.042	
257	N41°04'23.12654"	W91°07'37.85857"	605.972	?	NEe
26	N41°09'40.51140"	W91°11'49.76361"	471.759	?	e
266	N41°04'22.67175"	W91°05'07.08890"	595.518	?	NEe
27	N41°10'07.80496"	W91°08'50.13661"	450.474	?	e
273	N41°03'57.09195"	W91°01'31.02272"	425.862	?	NEe
277	N41°04'02.95046"	W90°58'37.18265"	421.204	?	NEe
28	N41°10'02.71731"	W91°05'26.07027"	529.817	?	e
29	N41°09'29.18574"	W91°00'51.64251"	425.567	?	e
3	N41°19'41.02806"	W91°18'51.23229"	564.373	?	e
30	N41°07'40.53981"	W90°59'12.31422"	420.654	?	e
308	N40°54'21.33638"	W91°04'34.60295"	599.496	?	NEe
309	N41°04'22.85411"	W90°59'48.37342"	426.300	?	NEe
31	N41°07'03.60363"	W91°01'29.45584"	427.198	?	e
32	N41°07'01.61228"	W91°04'27.85119"	469.692	?	e
33	N41°06'59.82228"	W91°08'30.23360"	452.639	?	e
34	N41°07'03.55070"	W91°11'49.52529"	522.463	?	e
35	N41°07'01.38039"	W91°15'19.24216"	609.220	?	e
36	N41°07'10.33315"	W91°18'32.47073"	688.210	?	e
37	N41°05'27.94669"	W91°01'31.15665"	427.487	?	e
38	N41°05'15.10242"	W90°58'07.10910"	420.912	?	e
4	N41°20'04.93574"	W91°11'56.77954"	625.109	?	e
435	N41°24'04.66686"	W91°22'06.71270"	505.135	?	e
440	N41°21'54.50515"	W91°22'09.59697"	490.071	?	e
446	N41°20'21.89766"	W91°22'10.98097"	496.432	?	e
447	N41°20'34.58124"	W91°15'13.67642"	577.348	?	e
448	N41°20'17.13022"	W91°08'07.44179"	437.698	?	e
449	N41°20'02.91641"	W91°06'32.18595"	430.268	?	e
5	N41°18'20.90084"	W91°05'59.42506"	439.398	?	e
502	N41°19'34.28694"	W91°33'39.59397"	645.408	?	NEe
503	N41°21'14.80924"	W91°29'04.50804"	575.670	?	NEe
506	N41°26'37.28224"	W91°10'26.06733"	634.056	?	NEe
507	N41°16'21.55733"	W91°09'31.63952"	588.543	?	e
6	N41°17'27.15236"	W91°08'37.66341"	429.409	?	e
7	N41°17'27.75922"	W91°11'38.35983"	582.285	?	e
710	N41°08'37.95069"	W91°03'37.62643"	439.379	?	e
79	N41°25'24.08814"	W91°22'06.31361"	507.738	?	e
8	N41°17'30.16418"	W91°15'14.97395"	568.555	?	e
80	N41°25'24.29825"	W91°25'36.66284"	540.221	?	e
801	N41°09'42.36323"	W91°26'02.75492"	615.992	?	e

	N41°09'39.96747"	W91°22'12.69576"	624.208	?	e
809	N41°07'03.33157"	W91°22'13.40142"	598.825	?	e
81	N41°25'51.84510"	W91°28'10.29538"	509.556	?	e
9	N41°17'30.38010"	W91°18'42.24690"	493.879	?	e

Adjusted ECEF Coordinates

Point ID	X (US survey foot)	X Error (US survey foot)	Y (US survey foot)	Y Error (US survey foot)	Z (US survey foot)	Z Error (US survey foot)	3D Error (US survey foot)	Constraint
1	-392069.587	?	-15718073.152	?	13762779.430	?	?	e
10	-376052.496	?	-15739700.145	?	13738794.420	?	?	e
11	-393413.896	?	-15742681.342	?	13734921.207	?	?	e
116	-407004.975	?	-15708967.251	?	13772674.164	?	?	e
12	-392604.279	?	-15751480.065	?	13724821.079	?	?	e
120	-407129.166	?	-15715671.429	?	13765209.364	?	?	e
127	-407450.007	?	-15723092.221	?	13756764.446	?	?	e
13	-376679.806	0.043	-15752904.794	0.039	13723757.740	0.041	0.071	
131	-407694.957	?	-15729917.937	?	13749074.396	?	?	e
138	-407921.952	?	-15736826.289	?	13741173.729	?	?	e
14	-363909.516	?	-15751399.689	?	13725799.499	?	?	e
142	-408208.955	?	-15743759.662	?	13733247.129	?	?	e
149	-408374.400	?	-15750935.625	?	13725110.824	?	?	e
15	-343354.648	?	-15752076.769	?	13725364.761	?	?	e
153	-408753.652	?	-15757873.334	?	13717138.361	?	?	e
16	-329467.344	?	-15753182.489	?	13724511.110	?	?	e
160	-409000.634	?	-15764881.171	?	13709179.272	?	?	e

167	-409094.004	?	-15771759.511	?	13701256.950	?	?	e
17	-308992.090	?	-15753548.623	?	13724414.563	?	?	e
18	-308333.993	?	-15764485.631	?	13712150.325	?	?	e
19	-329663.106	?	-15763624.204	?	13712483.464	?	?	e
2	-392773.062	?	-15730406.746	?	13748926.897	?	?	e
20	-345949.009	?	-15763041.331	?	13712790.881	?	?	e
209	-377884.249	?	-15793797.298	?	13676960.102	?	?	NEe
21	-361203.298	?	-15760918.755	?	13714922.433	?	?	e
22	-376978.599	?	-15761985.017	?	13713329.745	?	?	e
220	-361696.298	?	-15794215.512	?	13677035.615	?	?	NEe
23	-394290.380	?	-15762558.288	?	13712209.245	?	?	e
231	-346240.298	?	-15794477.886	?	13677071.381	?	?	NEe
24	-361383.685	?	-15773072.426	?	13701049.728	?	?	e
244	-330326.511	?	-15795047.350	?	13676783.969	?	?	NEe
25	-345575.031	0.043	-15773556.299	0.045	13700792.967	0.042	0.075	
257	-310785.246	?	-15795471.230	?	13676702.232	?	?	NEe
26	-329632.086	?	-15773859.025	?	13700814.675	?	?	e
266	-299239.857	?	-15795716.537	?	13676660.662	?	?	NEe
27	-315858.471	?	-15772306.108	?	13702880.299	?	?	e
273	-282721.538	?	-15797594.062	?	13674597.334	?	?	NEe
277	-269400.518	?	-15797433.744	?	13675041.324	?	?	NEe
28	-300261.709	?	-15773009.506	?	13702544.891	?	?	e
29	-279314.195	?	-15775550.040	?	13699921.244	?	?	e
3	-360945.227	?	-15733161.096	?	13746577.240	?	?	e

30	-271841.865	?	-15782912.892	?	13691636.994	?	?	e
308	-297501.987	?	-15835679.805	?	13630723.044	?	?	NEe
309	-274829.913	?	-15796020.384	?	13676563.396	?	?	NEe
31	-282379.632	?	-15785191.847	?	13688825.155	?	?	e
32	-296034.987	?	-15785106.242	?	13688701.260	?	?	e
33	-314586.023	?	-15784853.740	?	13688553.558	?	?	e
34	-329833.010	?	-15784346.914	?	13688883.766	?	?	e
35	-345885.948	?	-15784213.162	?	13688775.331	?	?	e
36	-360660.169	?	-15783345.967	?	13689509.919	?	?	e
37	-282623.695	?	-15791553.743	?	13681530.106	?	?	e
38	-267016.117	?	-15792674.924	?	13680545.999	?	?	e
4	-329299.018	?	-15732302.430	?	13748434.430	?	?	e
435	-375433.396	?	-15715137.926	?	13766565.512	?	?	e
440	-375861.011	?	-15723828.526	?	13756670.572	?	?	e
446	-376114.663	?	-15730021.909	?	13749638.501	?	?	e
447	-344272.502	?	-15729963.595	?	13750655.806	?	?	e
448	-311787.746	?	-15731703.093	?	13749237.405	?	?	e
449	-304540.884	?	-15732789.851	?	13748152.278	?	?	e
5	-302173.046	?	-15739661.239	?	13740403.430	?	?	e
502	-428716.737	?	-15731971.861	?	13746118.366	?	?	NEe
503	-407559.877	?	-15725758.951	?	13753711.389	?	?	NEe
506	-321842.365	?	-15706201.188	?	13778234.120	?	?	NEe
507	-318530.012	?	-15747423.178	?	13731425.495	?	?	e
6	-314319.334	?	-15743006.983	?	13736309.721	?	?	e

7	-328112.280	?	-15742799.902	?	13736456.753	?	?	e
710	-292072.236	?	-15778742.371	?	13696025.653	?	?	e
79	-375276.049	?	-15709824.634	?	13772596.122	?	?	e
8	-344641.047	?	-15742275.740	?	13736630.590	?	?	e
80	-391297.015	?	-15709444.041	?	13772633.560	?	?	e
801	-394860.221	?	-15772346.210	?	13701050.715	?	?	e
802	-377272.126	?	-15772942.548	?	13700873.566	?	?	e
809	-377575.070	?	-15783349.181	?	13688917.274	?	?	e
81	-402949.893	?	-15707280.962	?	13774703.886	?	?	e
9	-360458.474	?	-15741850.955	?	13736597.733	?	?	e

Error Ellipse Components

Point ID	Semi-major axis (US survey foot)	Semi-minor axis (US survey foot)	Azimuth
1	0.065	0.062	8°
10	0.057	0.055	176°
11	0.043	0.042	15°
116	0.080	0.077	179°
12	0.052	0.051	5°
120	0.083	0.080	178°
127	0.061	0.060	9°
13	0.056	0.054	3°
131	0.040	0.039	25°
138	0.038	0.037	18°
14	0.051	0.050	3°
142	0.047	0.046	2°
149	0.061	0.060	176°
15	0.063	0.059	176°
153	0.067	0.066	4°
16	0.054	0.052	9°
160	0.076	0.075	5°

167	0.084	0.083	8°
17	0.056	0.054	8°
18	0.058	0.054	4°
19	0.053	0.050	6°
2	0.041	0.040	19°
20	0.050	0.047	5°
21	0.054	0.052	9°
22	0.051	0.049	8°
23	0.060	0.059	8°
24	0.051	0.048	9°
25	0.057	0.053	6°
26	0.051	0.048	8°
27	0.058	0.054	4°
28	0.057	0.052	179°
29	0.065	0.060	178°
3	0.064	0.062	6°
30	0.071	0.065	178°
31	0.061	0.054	176°
32	0.048	0.042	172°
33	0.055	0.051	174°
34	0.047	0.045	19°
35	0.042	0.041	27°
36	0.047	0.045	27°
37	0.076	0.063	174°
38	0.063	0.058	179°
4	0.050	0.048	6°
435	0.079	0.076	5°
440	0.077	0.075	4°
446	0.056	0.054	3°
447	0.058	0.056	9°
448	0.054	0.051	5°
449	0.077	0.074	4°
5	0.070	0.067	5°
507	0.063	0.059	13°
6	0.054	0.052	7°
7	0.052	0.050	9°
710	0.066	0.061	180°
79	0.091	0.088	4°
8	0.061	0.058	15°
80	0.082	0.079	5°
801	0.067	0.066	14°
802	0.055	0.054	12°

	0.051	0.050	14°
81	0.081	0.078	4°
9	0.054	0.052	7°

Adjusted GPS Observations

Transformation Parameters

Deflection in Latitude:	-0.383 sec (95%)	0.101 sec
Deflection in Longitude:	-0.186 sec (95%)	0.083 sec
Azimuth Rotation:	0.022 sec (95%)	0.066 sec
Scale Factor:	1.00000008 (95%)	0.00000032

Observation ID		Observation	A-posteriori Error	Residual	Standardized Residual
802-801 (IPV146)	Az.	270°48'38"	0.540 sec	0.112 sec	0.463
	ΔHt.	-8.200 ft	0.009 ft	-0.189 ft	-5.082
	Ellip Dist.	17598.570 ft	0.045 ft	0.004 ft	0.197
448-506 (IPV117)	Az.	344°39'26"	0.219 sec	0.026 sec	0.213
	ΔHt.	196.439 ft	0.017 ft	0.219 ft	4.929
	Ellip Dist.	39901.528 ft	0.044 ft	0.021 ft	0.831
127-503 (IPV13)	Az.	180°34'33"	2.435 sec	-0.565 sec	-0.627
	ΔHt.	-14.369 ft	0.002 ft	-0.140 ft	-4.346
	Ellip Dist.	4055.064 ft	0.049 ft	-0.001 ft	-0.060
503-131 (IPV122)	Az.	180°15'03"	1.033 sec	0.202 sec	0.238
	ΔHt.	60.688 ft	0.003 ft	0.132 ft	4.079
	Ellip Dist.	6229.862 ft	0.032 ft	-0.004 ft	-0.163
308-266 (IPV89)	Az.	357°39'32"	0.066 sec	0.021 sec	0.217
	ΔHt.	-3.862 ft	0.025 ft	-0.118 ft	-4.077
	Ellip Dist.	60910.896 ft	0.020 ft	-0.021 ft	-0.732
308-273 (IPV90)	Az.	13°33'59"	0.066 sec	0.027 sec	0.275
	ΔHt.	-173.537 ft	0.024 ft	-0.113 ft	-3.644
	Ellip Dist.	59947.761 ft	0.019 ft	-0.031 ft	-1.048
4-506 (IPV105)	Az.	9°52'08"	0.209 sec	-0.046 sec	-0.368
	ΔHt.	9.015 ft	0.016 ft	0.154 ft	3.246
	Ellip Dist.	40308.811 ft	0.042 ft	0.021 ft	0.804
809-802 (IPV148)	Az.	0°11'42"	0.579 sec	0.061 sec	0.235

	ΔHt.	25.413 ft	0.006 ft	0.098 ft	3.156
	Ellip Dist.	15853.306 ft	0.045 ft	0.016 ft	0.810
308-277 (IPV91)	Az.	24°56'14"	0.066 sec	-0.009 sec	-0.094
	ΔHt.	-178.207 ft	0.027 ft	-0.082 ft	-2.580
	Ellip Dist.	64933.262 ft	0.021 ft	0.007 ft	0.220
23-22 (IPV55)	Az.	85°01'24"	0.458 sec	0.171 sec	0.589
	ΔHt.	-11.626 ft	0.008 ft	0.089 ft	2.406
	Ellip Dist.	17356.987 ft	0.038 ft	-0.029 ft	-1.203
26 --> 25 (PV3)	Az.	269°52'10"	0.466 sec	-0.084 sec	-0.360
	ΔHt.	14.705 ft	0.043 ft	0.073 ft	2.401
	Ellip Dist.	15945.462 ft	0.033 ft	0.020 ft	1.275
20 --> 26 (PV4)	Az.	133°51'00"	0.278 sec	-0.166 sec	-0.994
	ΔHt.	-9.360 ft	0.011 ft	-0.082 ft	-2.275
	Ellip Dist.	22949.290 ft	0.031 ft	0.014 ft	0.740
149-153 (IPV23)	Az.	181°04'48"	0.885 sec	0.158 sec	0.422
	ΔHt.	-32.179 ft	0.004 ft	-0.069 ft	-2.191
	Ellip Dist.	10574.888 ft	0.046 ft	0.003 ft	0.183
503-2 (IPV123)	Az.	113°16'06"	0.422 sec	-0.006 sec	-0.019
	ΔHt.	45.174 ft	0.008 ft	0.073 ft	2.139
	Ellip Dist.	16221.164 ft	0.032 ft	-0.007 ft	-0.277
23-801 (IPV56)	Az.	181°15'12"	0.484 sec	0.016 sec	0.048
	ΔHt.	27.594 ft	0.006 ft	-0.066 ft	-2.133
	Ellip Dist.	14853.532 ft	0.035 ft	0.000 ft	-0.014
231-220 (IPV58)	Az.	269°42'50"	0.066 sec	0.212 sec	0.506
	ΔHt.	39.831 ft	0.008 ft	0.052 ft	1.522
	Ellip Dist.	15457.717 ft	0.005 ft	0.066 ft	2.130
309-273 (IPV92)	Az.	251°39'46"	0.066 sec	-1.572 sec	-2.078
	ΔHt.	-0.435 ft	0.004 ft	-0.034 ft	-1.079
	Ellip Dist.	8283.526 ft	0.003 ft	0.024 ft	0.801
11-12 (IPV8)	Az.	175°36'05"	0.626 sec	-0.325 sec	-0.975
	ΔHt.	-65.495 ft	0.005 ft	-0.062 ft	-2.051
	Ellip Dist.	13419.069 ft	0.041 ft	0.003 ft	0.125
81-1 (IPV149)	Az.	144°56'33"	0.434 sec	0.030 sec	0.127
	ΔHt.	-2.047 ft	0.009 ft	-0.065 ft	-2.044
	Ellip Dist.	19417.175 ft	0.042 ft	-0.004 ft	-0.157

2-131 (IPV43)	Az.	270°43'10"	0.457 sec	-0.036 sec	-0.101
	ΔHt.	15.514 ft	0.007 ft	0.070 ft	2.002
	Ellip Dist.	14930.170 ft	0.033 ft	0.000 ft	0.004
149-142 (IPV22)	Az.	359°53'28"	0.868 sec	-0.092 sec	-0.249
	ΔHt.	-29.198 ft	0.004 ft	0.070 ft	1.986
	Ellip Dist.	10849.588 ft	0.046 ft	0.001 ft	0.042
18-19 (IPV36)	Az.	271°27'29"	0.346 sec	0.100 sec	0.390
	ΔHt.	-103.848 ft	0.010 ft	-0.017 ft	-0.448
	Ellip Dist.	21348.331 ft	0.033 ft	-0.052 ft	-1.981
23-12 (IPV52)	Az.	4°47'21"	0.462 sec	0.231 sec	0.798
	ΔHt.	-49.669 ft	0.007 ft	0.077 ft	1.974
	Ellip Dist.	16870.402 ft	0.038 ft	0.005 ft	0.207
502-142 (IPV121)	Az.	129°21'33"	0.288 sec	-0.018 sec	-0.097
	ΔHt.	-52.800 ft	0.013 ft	0.068 ft	1.952
	Ellip Dist.	26928.506 ft	0.038 ft	0.016 ft	0.647
23-801 (IPV57)	Az.	181°15'12"	0.484 sec	0.038 sec	0.113
	ΔHt.	27.594 ft	0.006 ft	-0.064 ft	-1.905
	Ellip Dist.	14853.532 ft	0.035 ft	0.002 ft	0.097
435-79 (IPV108)	Az.	0°13'00"	1.283 sec	-0.074 sec	-0.175
	ΔHt.	2.617 ft	0.003 ft	0.061 ft	1.889
	Ellip Dist.	8038.716 ft	0.052 ft	-0.002 ft	-0.138
138-502 (IPV20)	Az.	287°25'12"	0.290 sec	-0.097 sec	-0.377
	ΔHt.	34.993 ft	0.011 ft	-0.065 ft	-1.887
	Ellip Dist.	21918.210 ft	0.030 ft	-0.002 ft	-0.088
802-24 (IPV145)	Az.	88°55'42"	0.536 sec	0.040 sec	0.141
	ΔHt.	-66.324 ft	0.008 ft	-0.056 ft	-1.821
	Ellip Dist.	15889.361 ft	0.041 ft	0.003 ft	0.141
25 --> 24 (PV8)	Az.	271°01'41"	0.479 sec	-0.120 sec	-0.495
	ΔHt.	71.463 ft	0.043 ft	0.059 ft	1.777
	Ellip Dist.	15817.585 ft	0.033 ft	0.012 ft	0.743
138-502 (IPV19)	Az.	287°25'12"	0.290 sec	0.159 sec	0.627
	ΔHt.	34.993 ft	0.011 ft	-0.056 ft	-1.730
	Ellip Dist.	21918.210 ft	0.030 ft	-0.008 ft	-0.302
19-20 (IPV40)	Az.	271°22'27"	0.459 sec	-0.209 sec	-0.611

	ΔHt.	26.611 ft	0.008 ft	-0.014 ft	-0.306
	Ellip Dist.	16298.843 ft	0.034 ft	-0.045 ft	-1.712
24-36 (IPV61)	Az.	176°26'47"	0.556 sec	0.036 sec	0.127
	ΔHt.	130.282 ft	0.006 ft	-0.049 ft	-1.602
	Ellip Dist.	15466.254 ft	0.042 ft	0.009 ft	0.434
266-257 (IPV71)	Az.	270°14'32"	0.066 sec	0.130 sec	0.207
	ΔHt.	10.465 ft	0.006 ft	0.077 ft	1.602
	Ellip Dist.	11547.733 ft	0.004 ft	0.016 ft	0.497
36-220 (IPV100)	Az.	182°43'22"	0.457 sec	0.288 sec	0.870
	ΔHt.	7.197 ft	0.007 ft	-0.062 ft	-1.596
	Ellip Dist.	16577.411 ft	0.038 ft	-0.007 ft	-0.238
1-116 (IPV1)	Az.	311°02'30"	0.448 sec	0.019 sec	0.080
	ΔHt.	1.354 ft	0.009 ft	0.059 ft	1.483
	Ellip Dist.	20096.501 ft	0.044 ft	-0.011 ft	-0.434
138-11 (IPV17)	Az.	119°33'42"	0.394 sec	0.055 sec	0.170
	ΔHt.	-6.334 ft	0.008 ft	-0.047 ft	-1.481
	Ellip Dist.	16847.636 ft	0.032 ft	-0.006 ft	-0.216
23-160 (IPV54)	Az.	254°32'17"	0.557 sec	0.025 sec	0.082
	ΔHt.	33.531 ft	0.007 ft	-0.047 ft	-1.416
	Ellip Dist.	15197.158 ft	0.041 ft	-0.002 ft	-0.095
6-448 (IPV128)	Az.	7°37'56"	0.396 sec	0.173 sec	0.561
	ΔHt.	8.319 ft	0.007 ft	0.061 ft	1.399
	Ellip Dist.	17357.974 ft	0.035 ft	0.001 ft	0.051
21-20 (IPV48)	Az.	100°16'03"	0.450 sec	0.210 sec	0.633
	ΔHt.	-65.218 ft	0.008 ft	-0.044 ft	-1.389
	Ellip Dist.	15547.541 ft	0.033 ft	0.007 ft	0.264
32-33 (IPV95)	Az.	269°27'46"	0.568 sec	0.564 sec	1.329
	ΔHt.	-17.037 ft	0.009 ft	0.035 ft	0.471
	Ellip Dist.	18552.925 ft	0.045 ft	0.035 ft	1.284
266-32 (IPV73)	Az.	10°34'30"	0.428 sec	-0.352 sec	-1.010
	ΔHt.	-125.798 ft	0.007 ft	0.056 ft	1.325
	Ellip Dist.	16364.475 ft	0.038 ft	0.009 ft	0.286
7-4 (IPV132)	Az.	354°57'08"	0.425 sec	-0.041 sec	-0.127
	ΔHt.	42.855 ft	0.006 ft	0.042 ft	1.301
	Ellip Dist.	15970.391 ft	0.034 ft	-0.001 ft	-0.021

6-448 (IPV129)	Az.	7°37'56"	0.396 sec	0.009 sec	0.031
	ΔHt.	8.319 ft	0.007 ft	0.051 ft	1.292
	Ellip Dist.	17357.974 ft	0.035 ft	0.003 ft	0.130
710-32 (IPV136)	Az.	201°31'05"	0.864 sec	0.119 sec	0.264
	ΔHt.	30.299 ft	0.004 ft	-0.052 ft	-1.277
	Ellip Dist.	10480.615 ft	0.046 ft	0.011 ft	0.462
28-29 (IPV80)	Az.	99°09'33"	0.451 sec	-0.175 sec	-0.693
	ΔHt.	-104.275 ft	0.010 ft	0.052 ft	1.246
	Ellip Dist.	21262.753 ft	0.043 ft	-0.007 ft	-0.293
710-29 (IPV135)	Az.	67°46'15"	0.696 sec	0.016 sec	0.048
	ΔHt.	-13.813 ft	0.006 ft	0.045 ft	1.208
	Ellip Dist.	13715.912 ft	0.045 ft	0.011 ft	0.519
81-116 (IPV150)	Az.	235°59'26"	1.978 sec	0.254 sec	0.306
	ΔHt.	-0.693 ft	0.002 ft	-0.038 ft	-1.198
	Ellip Dist.	4837.963 ft	0.045 ft	0.002 ft	0.089
802-22 (IPV144)	Az.	0°06'31"	0.485 sec	-0.019 sec	-0.068
	ΔHt.	-47.420 ft	0.007 ft	-0.040 ft	-1.177
	Ellip Dist.	16591.923 ft	0.040 ft	0.022 ft	0.933
257-244 (IPV65)	Az.	270°15'23"	0.066 sec	0.082 sec	0.228
	ΔHt.	33.144 ft	0.010 ft	0.008 ft	0.169
	Ellip Dist.	19545.423 ft	0.006 ft	-0.037 ft	-1.168
244-34 (IPV63)	Az.	0°57'22"	0.465 sec	-0.247 sec	-0.767
	ΔHt.	-116.605 ft	0.007 ft	-0.047 ft	-1.164
	Ellip Dist.	16159.203 ft	0.038 ft	-0.006 ft	-0.218
12-149 (IPV11)	Az.	271°09'11"	0.550 sec	-0.001 sec	-0.003
	ΔHt.	83.221 ft	0.008 ft	-0.038 ft	-1.150
	Ellip Dist.	15781.518 ft	0.042 ft	0.012 ft	0.569
14 --> 13 (PV2)	Az.	257°56'02"	0.521 sec	-0.082 sec	-0.336
	ΔHt.	10.784 ft	0.035 ft	-0.027 ft	-1.143
	Ellip Dist.	13019.385 ft	0.032 ft	0.010 ft	0.662
447-9 (IPV115)	Az.	220°30'19"	0.276 sec	0.080 sec	0.366
	ΔHt.	-83.489 ft	0.011 ft	0.037 ft	1.141
	Ellip Dist.	24512.990 ft	0.033 ft	-0.003 ft	-0.116
440-435 (IPV109)	Az.	0°57'21"	0.800 sec	0.068 sec	0.289

	ΔHt.	15.089 ft	0.005 ft	0.035 ft	1.114
	Ellip Dist.	13176.140 ft	0.052 ft	0.012 ft	0.794
220-209 (IPV51)	Az.	269°54'32"	0.066 sec	-0.393 sec	-0.990
	ΔHt.	-79.143 ft	0.008 ft	-0.037 ft	-1.114
	Ellip Dist.	16192.827 ft	0.005 ft	-0.013 ft	-0.435
26-27 (IPV69)	Az.	78°36'53"	0.525 sec	0.347 sec	0.754
	ΔHt.	-21.292 ft	0.007 ft	-0.029 ft	-0.600
	Ellip Dist.	14013.626 ft	0.034 ft	0.033 ft	1.075
21-14 (IPV47)	Az.	348°31'57"	0.518 sec	-0.129 sec	-0.392
	ΔHt.	59.213 ft	0.006 ft	0.034 ft	1.061
	Ellip Dist.	14704.807 ft	0.038 ft	-0.003 ft	-0.130
13 --> 12 (PV11)	Az.	275°19'37"	0.428 sec	-0.025 sec	-0.122
	ΔHt.	-77.546 ft	0.035 ft	-0.027 ft	-1.044
	Ellip Dist.	16022.772 ft	0.033 ft	0.014 ft	0.890
20 --> 24 (PV9)	Az.	224°09'39"	0.299 sec	-0.156 sec	-0.821
	ΔHt.	76.808 ft	0.009 ft	0.045 ft	1.037
	Ellip Dist.	21832.938 ft	0.032 ft	0.008 ft	0.393
244-231 (IPV62)	Az.	271°20'20"	0.066 sec	-0.429 sec	-1.033
	ΔHt.	16.536 ft	0.008 ft	-0.033 ft	-0.821
	Ellip Dist.	15926.065 ft	0.005 ft	-0.004 ft	-0.127
449-448 (IPV118)	Az.	281°12'26"	1.360 sec	0.091 sec	0.181
	ΔHt.	7.439 ft	0.004 ft	0.034 ft	1.031
	Ellip Dist.	7407.645 ft	0.048 ft	0.003 ft	0.189
153-23 (IPV28)	Az.	114°10'51"	0.439 sec	0.037 sec	0.115
	ΔHt.	-1.373 ft	0.008 ft	0.034 ft	1.022
	Ellip Dist.	15981.765 ft	0.034 ft	-0.003 ft	-0.119
21-22 (IPV49)	Az.	262°15'57"	0.487 sec	0.124 sec	0.408
	ΔHt.	30.494 ft	0.008 ft	-0.032 ft	-1.018
	Ellip Dist.	15890.853 ft	0.037 ft	0.009 ft	0.394
266-32 (IPV72)	Az.	10°34'30"	0.428 sec	0.111 sec	0.296
	ΔHt.	-125.798 ft	0.007 ft	-0.059 ft	-1.015
	Ellip Dist.	16364.475 ft	0.038 ft	0.008 ft	0.222
2-11 (IPV42)	Az.	181°01'40"	0.411 sec	-0.190 sec	-0.674
	ΔHt.	-16.763 ft	0.008 ft	-0.036 ft	-1.000
	Ellip Dist.	18633.708 ft	0.038 ft	-0.009 ft	-0.351

38-31 (IPV103)	Az.	305°21'03"	0.490 sec	-0.114 sec	-0.420
	ΔHt.	6.320 ft	0.009 ft	-0.049 ft	-0.998
	Ellip Dist.	18988.517 ft	0.044 ft	-0.008 ft	-0.340
28-18 (IPV78)	Az.	327°07'38"	0.587 sec	0.126 sec	0.395
	ΔHt.	28.561 ft	0.007 ft	-0.027 ft	-0.564
	Ellip Dist.	15168.051 ft	0.045 ft	-0.025 ft	-0.978
30-38 (IPV88)	Az.	161°15'43"	0.617 sec	-0.100 sec	-0.336
	ΔHt.	0.226 ft	0.007 ft	0.047 ft	0.975
	Ellip Dist.	15543.022 ft	0.049 ft	0.000 ft	-0.013
27-19 (IPV74)	Az.	312°23'56"	0.399 sec	-0.301 sec	-0.924
	ΔHt.	4.041 ft	0.009 ft	-0.020 ft	-0.318
	Ellip Dist.	18924.816 ft	0.036 ft	-0.029 ft	-0.972
1-2 (IPV3)	Az.	181°13'18"	0.531 sec	0.023 sec	0.087
	ΔHt.	113.286 ft	0.007 ft	-0.039 ft	-0.583
	Ellip Dist.	18560.000 ft	0.050 ft	-0.028 ft	-0.965
18-19 (IPV37)	Az.	271°27'29"	0.346 sec	-0.337 sec	-0.948
	ΔHt.	-103.848 ft	0.010 ft	0.002 ft	0.030
	Ellip Dist.	21348.331 ft	0.033 ft	0.027 ft	0.962
4-7 (IPV106)	Az.	174°56'56"	0.425 sec	-0.056 sec	-0.167
	ΔHt.	-42.855 ft	0.006 ft	0.021 ft	0.622
	Ellip Dist.	15970.391 ft	0.034 ft	0.025 ft	0.958
257-33 (IPV66)	Az.	345°48'52"	0.515 sec	0.252 sec	0.858
	ΔHt.	-153.300 ft	0.007 ft	-0.041 ft	-0.943
	Ellip Dist.	16358.296 ft	0.044 ft	-0.022 ft	-0.864
14 --> 22 (PV6)	Az.	217°45'41"	0.297 sec	-0.046 sec	-0.273
	ΔHt.	-28.719 ft	0.009 ft	-0.030 ft	-0.933
	Ellip Dist.	20936.075 ft	0.030 ft	0.004 ft	0.228
34-33 (IPV96)	Az.	91°23'56"	0.627 sec	0.084 sec	0.277
	ΔHt.	-69.838 ft	0.007 ft	-0.039 ft	-0.933
	Ellip Dist.	15258.466 ft	0.044 ft	0.003 ft	0.141
18-17 (IPV35)	Az.	356°57'40"	0.535 sec	0.262 sec	0.926
	ΔHt.	-132.396 ft	0.007 ft	-0.017 ft	-0.446
	Ellip Dist.	16444.830 ft	0.044 ft	0.010 ft	0.425
153-160 (IPV27)	Az.	180°21'07"	0.830 sec	0.014 sec	0.035

	ΔHt.	32.159 ft	0.004 ft	-0.029 ft	-0.915
	Ellip Dist.	10607.087 ft	0.043 ft	0.002 ft	0.076
24-21 (IPV60)	Az.	359°41'44"	0.405 sec	-0.005 sec	-0.018
	ΔHt.	-11.590 ft	0.007 ft	0.042 ft	0.906
	Ellip Dist.	18443.916 ft	0.038 ft	-0.018 ft	-0.642
80-1 (IPV140)	Az.	182°26'06"	0.665 sec	-0.062 sec	-0.187
	ΔHt.	-32.697 ft	0.005 ft	-0.028 ft	-0.880
	Ellip Dist.	13120.692 ft	0.043 ft	0.001 ft	0.040
446-2 (IPV111)	Az.	266°23'08"	0.535 sec	-0.197 sec	-0.672
	ΔHt.	124.450 ft	0.008 ft	-0.003 ft	-0.064
	Ellip Dist.	16677.122 ft	0.042 ft	-0.020 ft	-0.880
120-127 (IPV12)	Az.	180°39'18"	0.912 sec	-0.048 sec	-0.155
	ΔHt.	-10.167 ft	0.005 ft	-0.029 ft	-0.870
	Ellip Dist.	11246.351 ft	0.051 ft	-0.005 ft	-0.264
26-19 (IPV67)	Az.	359°05'46"	0.400 sec	0.253 sec	0.707
	ΔHt.	-17.251 ft	0.006 ft	-0.010 ft	-0.243
	Ellip Dist.	15521.024 ft	0.032 ft	0.024 ft	0.868
131-502 (IPV15)	Az.	259°22'01"	0.308 sec	0.150 sec	0.567
	ΔHt.	9.050 ft	0.010 ft	-0.030 ft	-0.862
	Ellip Dist.	21327.072 ft	0.032 ft	0.008 ft	0.288
209-809 (IPV46)	Az.	0°12'49"	0.533 sec	0.027 sec	0.097
	ΔHt.	-17.425 ft	0.006 ft	-0.012 ft	-0.383
	Ellip Dist.	15881.363 ft	0.041 ft	0.019 ft	0.860
8-9 (IPV139)	Az.	270°05'53"	0.532 sec	-0.095 sec	-0.311
	ΔHt.	-74.662 ft	0.008 ft	-0.001 ft	-0.026
	Ellip Dist.	15822.585 ft	0.040 ft	-0.020 ft	-0.853
3-446 (IPV85)	Az.	285°12'21"	0.598 sec	-0.041 sec	-0.155
	ΔHt.	-67.920 ft	0.008 ft	-0.019 ft	-0.595
	Ellip Dist.	15789.881 ft	0.045 ft	-0.017 ft	-0.841
26-34 (IPV70)	Az.	179°56'03"	0.586 sec	-0.287 sec	-0.837
	ΔHt.	50.675 ft	0.006 ft	0.036 ft	0.707
	Ellip Dist.	15886.099 ft	0.047 ft	0.020 ft	0.670
38-277 (IPV102)	Az.	197°30'29"	1.264 sec	0.027 sec	0.047
	ΔHt.	0.280 ft	0.003 ft	0.040 ft	0.834
	Ellip Dist.	7657.075 ft	0.050 ft	-0.012 ft	-0.534

15-14 (IPV24)	Az.	271°19'52"	0.460 sec	-0.080 sec	-0.332
	ΔHt.	124.606 ft	0.010 ft	0.038 ft	0.800
	Ellip Dist.	20569.700 ft	0.044 ft	0.001 ft	0.027
446-440 (IPV112)	Az.	0°38'42"	1.126 sec	0.095 sec	0.288
	ΔHt.	-6.343 ft	0.004 ft	0.014 ft	0.427
	Ellip Dist.	9373.802 ft	0.052 ft	0.012 ft	0.794
18-27 (IPV38)	Az.	211°05'26"	0.552 sec	0.309 sec	0.792
	ΔHt.	-107.889 ft	0.006 ft	-0.010 ft	-0.194
	Ellip Dist.	14271.984 ft	0.040 ft	0.015 ft	0.537
22 --> 12 (PV10)	Az.	313°58'52"	0.286 sec	-0.131 sec	-0.785
	ΔHt.	-38.043 ft	0.010 ft	-0.023 ft	-0.624
	Ellip Dist.	22057.634 ft	0.031 ft	0.010 ft	0.558
10-9 (IPV7)	Az.	100°13'59"	0.555 sec	0.103 sec	0.370
	ΔHt.	-108.241 ft	0.008 ft	-0.009 ft	-0.271
	Ellip Dist.	15893.395 ft	0.042 ft	-0.017 ft	-0.777
17-6 (IPV34)	Az.	340°43'38"	0.376 sec	-0.074 sec	-0.222
	ΔHt.	3.523 ft	0.007 ft	-0.007 ft	-0.203
	Ellip Dist.	16762.725 ft	0.031 ft	-0.021 ft	-0.769
448-4 (IPV116)	Az.	265°59'08"	0.478 sec	-0.125 sec	-0.415
	ΔHt.	187.424 ft	0.009 ft	0.034 ft	0.754
	Ellip Dist.	17538.469 ft	0.039 ft	-0.013 ft	-0.546
28-27 (IPV79)	Az.	271°54'30"	0.596 sec	-0.207 sec	-0.629
	ΔHt.	-79.328 ft	0.008 ft	-0.034 ft	-0.751
	Ellip Dist.	15615.649 ft	0.042 ft	0.002 ft	0.077
34-35 (IPV97)	Az.	269°14'07"	0.540 sec	-0.166 sec	-0.541
	ΔHt.	86.770 ft	0.008 ft	0.030 ft	0.732
	Ellip Dist.	16053.193 ft	0.041 ft	0.006 ft	0.251
35-36 (IPV99)	Az.	273°31'25"	0.581 sec	0.215 sec	0.683
	ΔHt.	79.005 ft	0.007 ft	0.024 ft	0.731
	Ellip Dist.	14817.198 ft	0.041 ft	0.016 ft	0.731
309-277 (IPV93)	Az.	110°16'09"	0.066 sec	0.779 sec	0.719
	ΔHt.	-5.105 ft	0.003 ft	-0.020 ft	-0.652
	Ellip Dist.	5813.021 ft	0.002 ft	0.020 ft	0.671
446-10 (IPV110)	Az.	178°50'35"	0.500 sec	0.118 sec	0.343

	ΔHt.	105.641 ft	0.006 ft	0.023 ft	0.717
	Ellip Dist.	14534.232 ft	0.036 ft	0.010 ft	0.406
447-3 (IPV113)	Az.	251°55'59"	0.507 sec	-0.198 sec	-0.707
	ΔHt.	-12.970 ft	0.008 ft	-0.004 ft	-0.108
	Ellip Dist.	17459.142 ft	0.042 ft	-0.010 ft	-0.450
10-446 (IPV6)	Az.	358°50'37"	0.500 sec	-0.003 sec	-0.008
	ΔHt.	-105.641 ft	0.006 ft	-0.022 ft	-0.704
	Ellip Dist.	14534.232 ft	0.036 ft	-0.005 ft	-0.196
23-153 (IPV53)	Az.	294°12'57"	0.439 sec	0.036 sec	0.114
	ΔHt.	1.373 ft	0.008 ft	-0.022 ft	-0.695
	Ellip Dist.	15981.765 ft	0.034 ft	-0.003 ft	-0.137
35-231 (IPV98)	Az.	180°28'34"	0.439 sec	-0.057 sec	-0.168
	ΔHt.	46.371 ft	0.006 ft	-0.022 ft	-0.693
	Ellip Dist.	15570.989 ft	0.034 ft	0.014 ft	0.538
435-1 (IPV107)	Az.	253°03'48"	0.581 sec	0.100 sec	0.372
	ΔHt.	2.418 ft	0.008 ft	0.025 ft	0.689
	Ellip Dist.	17311.796 ft	0.047 ft	-0.013 ft	-0.620
30-31 (IPV87)	Az.	250°24'30"	0.830 sec	0.059 sec	0.131
	ΔHt.	6.546 ft	0.005 ft	-0.031 ft	-0.677
	Ellip Dist.	11141.792 ft	0.043 ft	0.003 ft	0.113
2-131 (IPV44)	Az.	270°43'10"	0.457 sec	0.001 sec	0.002
	ΔHt.	15.514 ft	0.007 ft	0.021 ft	0.670
	Ellip Dist.	14930.170 ft	0.033 ft	0.006 ft	0.251
20 --> 25 (PV1)	Az.	177°49'43"	0.394 sec	-0.105 sec	-0.489
	ΔHt.	5.345 ft	0.042 ft	-0.017 ft	-0.644
	Ellip Dist.	15957.522 ft	0.034 ft	0.002 ft	0.095
4-447 (IPV104)	Az.	281°18'56"	0.583 sec	-0.010 sec	-0.031
	ΔHt.	-47.742 ft	0.007 ft	0.022 ft	0.638
	Ellip Dist.	15316.465 ft	0.042 ft	-0.008 ft	-0.364
29-30 (IPV83)	Az.	145°20'31"	0.724 sec	-0.100 sec	-0.280
	ΔHt.	-4.941 ft	0.006 ft	0.032 ft	0.632
	Ellip Dist.	13366.706 ft	0.048 ft	-0.002 ft	-0.079
20-21 (IPV45)	Az.	280°18'15"	0.450 sec	-0.038 sec	-0.100
	ΔHt.	65.218 ft	0.008 ft	-0.002 ft	-0.037
	Ellip Dist.	15547.541 ft	0.033 ft	0.017 ft	0.629

7-8 (IPV134)	Az.	270°51'48"	0.488 sec	-0.084 sec	-0.212
	ΔHt.	-13.715 ft	0.008 ft	-0.033 ft	-0.627
	Ellip Dist.	16537.530 ft	0.038 ft	-0.011 ft	-0.382
9-14 (IPV151)	Az.	192°35'36"	0.593 sec	0.074 sec	0.254
	ΔHt.	111.554 ft	0.006 ft	0.005 ft	0.157
	Ellip Dist.	14821.128 ft	0.043 ft	0.012 ft	0.583
273-37 (IPV77)	Az.	359°56'10"	1.134 sec	0.274 sec	0.573
	ΔHt.	1.642 ft	0.004 ft	0.018 ft	0.387
	Ellip Dist.	9195.372 ft	0.061 ft	0.005 ft	0.181
273-266 (IPV76)	Az.	278°54'38"	0.066 sec	0.177 sec	0.467
	ΔHt.	169.675 ft	0.008 ft	-0.018 ft	-0.572
	Ellip Dist.	16750.963 ft	0.005 ft	-0.007 ft	-0.230
28-32 (IPV81)	Az.	166°20'09"	0.438 sec	0.118 sec	0.420
	ΔHt.	-60.163 ft	0.008 ft	0.017 ft	0.403
	Ellip Dist.	18863.236 ft	0.043 ft	-0.015 ft	-0.565
8-447 (IPV137)	Az.	0°18'14"	0.443 sec	-0.019 sec	-0.071
	ΔHt.	8.827 ft	0.008 ft	-0.021 ft	-0.562
	Ellip Dist.	18665.803 ft	0.041 ft	-0.004 ft	-0.169
32-31 (IPV94)	Az.	89°08'17"	0.741 sec	0.310 sec	0.560
	ΔHt.	-42.506 ft	0.007 ft	0.008 ft	0.157
	Ellip Dist.	13655.826 ft	0.042 ft	-0.012 ft	-0.452
15-20 (IPV26)	Az.	188°01'03"	0.523 sec	0.039 sec	0.131
	ΔHt.	0.176 ft	0.007 ft	0.014 ft	0.229
	Ellip Dist.	16883.175 ft	0.045 ft	-0.015 ft	-0.548
37-31 (IPV101)	Az.	0°46'13"	1.064 sec	0.228 sec	0.538
	ΔHt.	-0.272 ft	0.004 ft	0.009 ft	0.207
	Ellip Dist.	9682.313 ft	0.060 ft	0.006 ft	0.255
19-16 (IPV39)	Az.	359°55'07"	0.511 sec	0.058 sec	0.198
	ΔHt.	71.795 ft	0.006 ft	0.017 ft	0.538
	Ellip Dist.	15928.430 ft	0.041 ft	-0.001 ft	-0.055
138-142 (IPV18)	Az.	180°35'00"	0.719 sec	0.050 sec	0.109
	ΔHt.	-17.806 ft	0.004 ft	-0.015 ft	-0.492
	Ellip Dist.	10534.624 ft	0.037 ft	0.000 ft	-0.001
16-17 (IPV29)	Az.	90°05'19"	0.328 sec	0.135 sec	0.483

	ΔHt.	-100.342 ft	0.010 ft	0.006 ft	0.158
	Ellip Dist.	20478.044 ft	0.032 ft	0.002 ft	0.069
29-31 (IPV84)	Az.	191°06'47"	0.574 sec	0.038 sec	0.117
	ΔHt.	1.605 ft	0.006 ft	0.004 ft	0.092
	Ellip Dist.	15015.835 ft	0.044 ft	-0.011 ft	-0.476
80-81 (IPV142)	Az.	283°24'51"	0.788 sec	-0.008 sec	-0.022
	ΔHt.	-30.650 ft	0.006 ft	0.015 ft	0.469
	Ellip Dist.	12031.064 ft	0.045 ft	0.008 ft	0.413
16-507 (IPV30)	Az.	49°46'44"	0.560 sec	-0.116 sec	-0.302
	ΔHt.	62.306 ft	0.006 ft	-0.020 ft	-0.468
	Ellip Dist.	14162.945 ft	0.040 ft	0.009 ft	0.329
231-35 (IPV59)	Az.	0°28'33"	0.439 sec	-0.109 sec	-0.321
	ΔHt.	-46.371 ft	0.006 ft	0.006 ft	0.168
	Ellip Dist.	15570.989 ft	0.034 ft	0.012 ft	0.460
116-120 (IPV10)	Az.	179°43'03"	1.021 sec	-0.057 sec	-0.168
	ΔHt.	91.295 ft	0.004 ft	-0.015 ft	-0.449
	Ellip Dist.	10033.492 ft	0.051 ft	-0.004 ft	-0.228
10-11 (IPV4)	Az.	253°24'27"	0.504 sec	-0.070 sec	-0.253
	ΔHt.	2.046 ft	0.009 ft	0.022 ft	0.449
	Ellip Dist.	18035.763 ft	0.043 ft	-0.007 ft	-0.334
8-7 (IPV138)	Az.	90°49'25"	0.488 sec	-0.046 sec	-0.145
	ΔHt.	13.715 ft	0.008 ft	-0.004 ft	-0.119
	Ellip Dist.	16537.530 ft	0.038 ft	-0.011 ft	-0.445
16-7 (IPV31)	Az.	4°06'25"	0.465 sec	0.045 sec	0.141
	ΔHt.	56.069 ft	0.006 ft	-0.015 ft	-0.437
	Ellip Dist.	15884.462 ft	0.037 ft	0.010 ft	0.407
1-127 (IPV2)	Az.	242°04'26"	0.536 sec	-0.104 sec	-0.415
	ΔHt.	82.481 ft	0.008 ft	0.005 ft	0.152
	Ellip Dist.	17259.953 ft	0.044 ft	-0.002 ft	-0.089
22 --> 13 (PV5)	Az.	0°20'17"	0.447 sec	-0.076 sec	-0.311
	ΔHt.	39.503 ft	0.035 ft	0.003 ft	0.131
	Ellip Dist.	13830.050 ft	0.031 ft	0.007 ft	0.404
5-17 (IPV120)	Az.	197°07'30"	0.391 sec	0.006 sec	0.031
	ΔHt.	-13.512 ft	0.009 ft	-0.001 ft	-0.016
	Ellip Dist.	22248.190 ft	0.044 ft	0.009 ft	0.395

801-167 (IPV143)	Az.	271°14'03"	0.700 sec	-0.024 sec	-0.095
	ΔHt.	-32.773 ft	0.007 ft	0.012 ft	0.369
	Ellip Dist.	14246.916 ft	0.048 ft	0.000 ft	0.020
15-16 (IPV25)	Az.	94°48'48"	0.668 sec	0.037 sec	0.121
	ΔHt.	45.359 ft	0.007 ft	-0.012 ft	-0.364
	Ellip Dist.	13956.973 ft	0.044 ft	0.000 ft	-0.022
138-11 (IPV16)	Az.	119°33'42"	0.394 sec	0.064 sec	0.200
	ΔHt.	-6.334 ft	0.008 ft	-0.012 ft	-0.355
	Ellip Dist.	16847.636 ft	0.032 ft	0.000 ft	0.014
6-5 (IPV130)	Az.	65°44'19"	0.646 sec	0.046 sec	0.134
	ΔHt.	9.989 ft	0.006 ft	-0.008 ft	-0.246
	Ellip Dist.	13246.787 ft	0.041 ft	-0.008 ft	-0.342
131-138 (IPV14)	Az.	180°15'42"	0.707 sec	-0.050 sec	-0.105
	ΔHt.	-25.943 ft	0.004 ft	-0.010 ft	-0.322
	Ellip Dist.	10497.148 ft	0.036 ft	0.003 ft	0.130
447-9 (IPV114)	Az.	220°30'19"	0.276 sec	-0.006 sec	-0.025
	ΔHt.	-83.489 ft	0.011 ft	0.011 ft	0.320
	Ellip Dist.	24512.990 ft	0.033 ft	0.004 ft	0.153
507-17 (IPV124)	Az.	133°32'48"	0.589 sec	0.051 sec	0.126
	ΔHt.	-162.649 ft	0.006 ft	0.002 ft	0.047
	Ellip Dist.	13327.082 ft	0.037 ft	-0.008 ft	-0.312
11-142 (IPV9)	Az.	261°28'29"	0.514 sec	0.039 sec	0.122
	ΔHt.	-11.472 ft	0.007 ft	-0.009 ft	-0.309
	Ellip Dist.	14928.034 ft	0.037 ft	0.005 ft	0.219
19-26 (IPV41)	Az.	179°05'44"	0.400 sec	0.010 sec	0.030
	ΔHt.	17.251 ft	0.006 ft	0.013 ft	0.307
	Ellip Dist.	15521.024 ft	0.032 ft	0.003 ft	0.105
6-7 (IPV131)	Az.	270°16'18"	0.471 sec	0.007 sec	0.019
	ΔHt.	152.888 ft	0.007 ft	0.010 ft	0.305
	Ellip Dist.	13794.103 ft	0.031 ft	0.008 ft	0.299
17-16 (IPV33)	Az.	270°08'16"	0.328 sec	0.080 sec	0.299
	ΔHt.	100.342 ft	0.010 ft	-0.001 ft	-0.032
	Ellip Dist.	20478.044 ft	0.032 ft	-0.003 ft	-0.102
6-17 (IPV127)	Az.	160°42'50"	0.376 sec	0.094 sec	0.283

	ΔHt.	-3.523 ft	0.007 ft	0.002 ft	0.054
	Ellip Dist.	16762.725 ft	0.031 ft	0.003 ft	0.091
507-7 (IPV126)	Az.	304°43'00"	0.690 sec	0.051 sec	0.107
	ΔHt.	-6.237 ft	0.006 ft	0.004 ft	0.096
	Ellip Dist.	11768.615 ft	0.038 ft	-0.007 ft	-0.274
7-6 (IPV133)	Az.	90°14'19"	0.471 sec	0.048 sec	0.119
	ΔHt.	-152.888 ft	0.007 ft	0.009 ft	0.272
	Ellip Dist.	13794.103 ft	0.031 ft	-0.006 ft	-0.227
80-79 (IPV141)	Az.	90°03'24"	0.660 sec	0.001 sec	0.003
	ΔHt.	-32.498 ft	0.008 ft	0.001 ft	0.039
	Ellip Dist.	16025.096 ft	0.050 ft	0.004 ft	0.241
507-6 (IPV125)	Az.	31°49'25"	0.961 sec	-0.053 sec	-0.080
	ΔHt.	-159.125 ft	0.003 ft	-0.003 ft	-0.067
	Ellip Dist.	7814.087 ft	0.038 ft	0.006 ft	0.229
28-710 (IPV82)	Az.	135°57'14"	0.776 sec	0.012 sec	0.028
	ΔHt.	-90.462 ft	0.005 ft	-0.008 ft	-0.186
	Ellip Dist.	11933.937 ft	0.044 ft	0.005 ft	0.215
3-9 (IPV86)	Az.	177°01'50"	0.625 sec	0.024 sec	0.067
	ΔHt.	-70.519 ft	0.005 ft	0.000 ft	-0.002
	Ellip Dist.	13241.120 ft	0.041 ft	0.004 ft	0.189
449-5 (IPV119)	Az.	166°23'15"	0.931 sec	-0.036 sec	-0.103
	ΔHt.	9.109 ft	0.004 ft	-0.002 ft	-0.060
	Ellip Dist.	10623.675 ft	0.049 ft	0.003 ft	0.166
809-36 (IPV147)	Az.	87°34'49"	0.519 sec	-0.020 sec	-0.074
	ΔHt.	89.371 ft	0.008 ft	-0.004 ft	-0.112
	Ellip Dist.	16924.524 ft	0.042 ft	-0.002 ft	-0.094
160-167 (IPV32)	Az.	179°32'08"	0.944 sec	-0.008 sec	-0.022
	ΔHt.	-38.710 ft	0.004 ft	0.000 ft	0.012
	Ellip Dist.	10491.692 ft	0.048 ft	-0.002 ft	-0.098
27-26 (IPV75)	Az.	258°38'52"	0.525 sec	0.023 sec	0.056
	ΔHt.	21.292 ft	0.007 ft	0.004 ft	0.085
	Ellip Dist.	14013.626 ft	0.034 ft	0.000 ft	-0.008

Covariance Terms

From Point	To Point		Components	A-posteriori Error	Horiz. Precision (Ratio)	3D Precision (Ratio)
1	116	Az.	311°02'30"	0.454 sec	1 : 450692	1 : 450070
		ΔHt.	1.316 ft	0.000 ft		
		ΔElev.	1.150 ft	0.000 ft		
		Ellip Dist.	20096.503 ft	0.045 ft		
1	127	Az.	242°04'26"	0.540 sec	1 : 388895	1 : 389143
		ΔHt.	82.483 ft	0.000 ft		
		ΔElev.	82.440 ft	0.000 ft		
		Ellip Dist.	17259.954 ft	0.044 ft		
1	2	Az.	181°13'18"	0.533 sec	1 : 367027	1 : 366908
		ΔHt.	113.321 ft	0.000 ft		
		ΔElev.	113.414 ft	0.000 ft		
		Ellip Dist.	18560.001 ft	0.051 ft		
1	435	Az.	73°01'25"	0.583 sec	1 : 368983	1 : 369318
		ΔHt.	-2.413 ft	0.000 ft		
		ΔElev.	-2.360 ft	0.000 ft		
		Ellip Dist.	17311.798 ft	0.047 ft		
1	80	Az.	2°26'01"	0.667 sec	1 : 300565	1 : 300589
		ΔHt.	32.673 ft	0.000 ft		
		ΔElev.	32.590 ft	0.000 ft		
		Ellip Dist.	13120.694 ft	0.044 ft		
1	81	Az.	324°58'09"	0.439 sec	1 : 462747	1 : 462419
		ΔHt.	2.007 ft	0.000 ft		
		ΔElev.	1.850 ft	0.000 ft		
		Ellip Dist.	19417.177 ft	0.042 ft		
10	11	Az.	253°24'27"	0.502 sec	1 : 424406	1 : 424471
		ΔHt.	2.040 ft	0.000 ft		
		ΔElev.	1.980 ft	0.000 ft		
		Ellip Dist.	18035.765 ft	0.042 ft		
10	446	Az.	358°50'37"	0.502 sec	1 : 405271	1 : 405282
		ΔHt.	-105.668 ft	0.000 ft		
		ΔElev.	-105.750 ft	0.000 ft		
		Ellip Dist.	14534.233 ft	0.036 ft		
10	9	Az.	100°13'59"	0.551 sec	1 : 381460	1 : 381417
		ΔHt.	-108.221 ft	0.000 ft		
		ΔElev.	-108.130 ft	0.000 ft		
		Ellip Dist.	15893.396 ft	0.042 ft		
11	12	Az.	175°36'05"	0.619 sec	1 : 329190	1 : 329186

		ΔHt.	-65.469 ft	0.000 ft		
		ΔElev.	-65.360 ft	0.000 ft		
		Ellip Dist.	13419.070 ft	0.041 ft		
11	138	Az.	299°35'49"	0.391 sec	1 : 536012	1 : 535926
		ΔHt.	6.305 ft	0.000 ft		
		ΔElev.	6.190 ft	0.000 ft		
		Ellip Dist.	16847.637 ft	0.031 ft		
11	142	Az.	261°28'29"	0.515 sec	1 : 404462	1 : 404498
		ΔHt.	-11.482 ft	0.000 ft		
		ΔElev.	-11.510 ft	0.000 ft		
		Ellip Dist.	14928.035 ft	0.037 ft		
11	2	Az.	1°01'37"	0.411 sec	1 : 490202	1 : 489915
		ΔHt.	16.729 ft	0.000 ft		
		ΔElev.	16.614 ft	0.000 ft		
		Ellip Dist.	18633.709 ft	0.038 ft		
116	120	Az.	179°43'03"	1.020 sec	1 : 195560	1 : 195616
		ΔHt.	91.314 ft	0.000 ft		
		ΔElev.	91.360 ft	0.000 ft		
		Ellip Dist.	10033.493 ft	0.051 ft		
116	81	Az.	55°58'51"	1.978 sec	1 : 106621	1 : 106695
		ΔHt.	0.692 ft	0.000 ft		
		ΔElev.	0.700 ft	0.000 ft		
		Ellip Dist.	4837.964 ft	0.045 ft		
12	13	Az.	95°17'19"	0.429 sec	1 : 492565	1 : 492526
		ΔHt.	77.563 ft	0.035 ft		
		ΔElev.	77.638 ft	0.035 ft		
		Ellip Dist.	16022.773 ft	0.033 ft		
12	149	Az.	271°09'11"	0.551 sec	1 : 379653	1 : 379594
		ΔHt.	83.206 ft	0.000 ft		
		ΔElev.	83.150 ft	0.000 ft		
		Ellip Dist.	15781.519 ft	0.042 ft		
12	22	Az.	133°56'35"	0.287 sec	1 : 719063	1 : 718559
		ΔHt.	38.086 ft	0.000 ft		
		ΔElev.	38.280 ft	0.000 ft		
		Ellip Dist.	22057.636 ft	0.031 ft		
12	23	Az.	184°47'33"	0.463 sec	1 : 436551	1 : 436615
		ΔHt.	49.699 ft	0.000 ft		
		ΔElev.	49.830 ft	0.000 ft		

		Ellip Dist.	16870.403 ft	0.039 ft		
120	127	Az.	180°39'18"	0.912 sec	1 : 218246	1 : 218300
		ΔHt.	-10.146 ft	0.000 ft		
		ΔElev.	-10.070 ft	0.000 ft		
		Ellip Dist.	11246.352 ft	0.052 ft		
127	503	Az.	180°34'33"	2.432 sec	1 : 83008	1 : 82996
		ΔHt.	-14.361 ft	0.000 ft		
		ΔElev.	-14.340 ft	0.000 ft		
		Ellip Dist.	4055.065 ft	0.049 ft		
131	138	Az.	180°15'42"	0.705 sec	1 : 288103	1 : 287989
		ΔHt.	-25.924 ft	0.000 ft		
		ΔElev.	-25.850 ft	0.000 ft		
		Ellip Dist.	10497.149 ft	0.036 ft		
131	2	Az.	90°41'01"	0.458 sec	1 : 457898	1 : 458073
		ΔHt.	-15.500 ft	0.000 ft		
		ΔElev.	-15.426 ft	0.000 ft		
		Ellip Dist.	14930.172 ft	0.033 ft		
131	502	Az.	259°22'01"	0.304 sec	1 : 684170	1 : 684582
		ΔHt.	9.039 ft	0.000 ft		
		ΔElev.	9.030 ft	0.000 ft		
		Ellip Dist.	21327.074 ft	0.031 ft		
131	503	Az.	0°15'03"	1.027 sec	1 : 197555	1 : 197479
		ΔHt.	-60.700 ft	0.000 ft		
		ΔElev.	-60.740 ft	0.000 ft		
		Ellip Dist.	6229.862 ft	0.032 ft		
138	142	Az.	180°35'00"	0.717 sec	1 : 284263	1 : 284257
		ΔHt.	-17.787 ft	0.000 ft		
		ΔElev.	-17.700 ft	0.000 ft		
		Ellip Dist.	10534.624 ft	0.037 ft		
138	502	Az.	287°25'12"	0.287 sec	1 : 734597	1 : 734612
		ΔHt.	34.962 ft	0.000 ft		
		ΔElev.	34.880 ft	0.000 ft		
		Ellip Dist.	21918.212 ft	0.030 ft		
14	13	Az.	257°56'02"	0.523 sec	1 : 404004	1 : 404090
		ΔHt.	10.777 ft	0.035 ft		
		ΔElev.	10.728 ft	0.035 ft		
		Ellip Dist.	13019.386 ft	0.032 ft		
14	15	Az.	91°16'54"	0.460 sec	1 : 474894	1 : 474648

		ΔHt.	-124.587 ft	0.000 ft		
		ΔElev.	-124.480 ft	0.000 ft		
		Ellip Dist.	20569.702 ft	0.043 ft		
14	21	Az.	168°31'31"	0.515 sec	1 : 392039	1 : 391946
		ΔHt.	-59.183 ft	0.000 ft		
		ΔElev.	-59.050 ft	0.000 ft		
		Ellip Dist.	14704.809 ft	0.038 ft		
14	22	Az.	217°45'41"	0.301 sec	1 : 680390	1 : 680838
		ΔHt.	-28.700 ft	0.000 ft		
		ΔElev.	-28.630 ft	0.000 ft		
		Ellip Dist.	20936.077 ft	0.031 ft		
14	9	Az.	12°35'08"	0.587 sec	1 : 344404	1 : 344483
		ΔHt.	-111.578 ft	0.000 ft		
		ΔElev.	-111.660 ft	0.000 ft		
		Ellip Dist.	14821.128 ft	0.043 ft		
142	149	Az.	179°53'28"	0.863 sec	1 : 235805	1 : 235851
		ΔHt.	29.218 ft	0.000 ft		
		ΔElev.	29.300 ft	0.000 ft		
		Ellip Dist.	10849.589 ft	0.046 ft		
142	502	Az.	309°24'33"	0.284 sec	1 : 730402	1 : 730135
		ΔHt.	52.749 ft	0.000 ft		
		ΔElev.	52.580 ft	0.000 ft		
		Ellip Dist.	26928.508 ft	0.037 ft		
149	153	Az.	181°04'48"	0.882 sec	1 : 231240	1 : 231267
		ΔHt.	-32.160 ft	0.000 ft		
		ΔElev.	-32.080 ft	0.000 ft		
		Ellip Dist.	10574.889 ft	0.046 ft		
15	16	Az.	94°48'48"	0.669 sec	1 : 319148	1 : 319136
		ΔHt.	45.374 ft	0.000 ft		
		ΔElev.	45.400 ft	0.000 ft		
		Ellip Dist.	13956.974 ft	0.044 ft		
15	20	Az.	188°01'02"	0.519 sec	1 : 373613	1 : 373958
		ΔHt.	0.205 ft	0.000 ft		
		ΔElev.	0.330 ft	0.000 ft		
		Ellip Dist.	16883.177 ft	0.045 ft		
153	160	Az.	180°21'07"	0.830 sec	1 : 245227	1 : 245243
		ΔHt.	32.178 ft	0.000 ft		
		ΔElev.	32.250 ft	0.000 ft		

		Ellip Dist.	10607.088 ft	0.043 ft		
153	23	Az.	114°10'51"	0.442 sec	1 : 469899	1 : 469770
		ΔHt.	-1.347 ft	0.000 ft		
		ΔElev.	-1.240 ft	0.000 ft		
		Ellip Dist.	15981.766 ft	0.034 ft		
16	17	Az.	90°05'19"	0.333 sec	1 : 640211	1 : 640629
		ΔHt.	-100.324 ft	0.000 ft		
		ΔElev.	-100.310 ft	0.000 ft		
		Ellip Dist.	20478.045 ft	0.032 ft		
16	19	Az.	179°55'07"	0.503 sec	1 : 397566	1 : 397436
		ΔHt.	-71.765 ft	0.000 ft		
		ΔElev.	-71.630 ft	0.000 ft		
		Ellip Dist.	15928.432 ft	0.040 ft		
16	507	Az.	49°46'44"	0.559 sec	1 : 357120	1 : 357616
		ΔHt.	62.299 ft	0.000 ft		
		ΔElev.	62.240 ft	0.000 ft		
		Ellip Dist.	14162.946 ft	0.040 ft		
16	7	Az.	4°06'25"	0.460 sec	1 : 432586	1 : 432405
		ΔHt.	56.041 ft	0.000 ft		
		ΔElev.	55.920 ft	0.000 ft		
		Ellip Dist.	15884.463 ft	0.037 ft		
160	167	Az.	179°32'08"	0.943 sec	1 : 216147	1 : 216152
		ΔHt.	-38.691 ft	0.000 ft		
		ΔElev.	-38.620 ft	0.000 ft		
		Ellip Dist.	10491.693 ft	0.049 ft		
160	23	Az.	74°30'11"	0.561 sec	1 : 372540	1 : 372593
		ΔHt.	-33.526 ft	0.000 ft		
		ΔElev.	-33.490 ft	0.000 ft		
		Ellip Dist.	15197.159 ft	0.041 ft		
167	801	Az.	91°12'00"	0.704 sec	1 : 296436	1 : 296434
		ΔHt.	32.787 ft	0.000 ft		
		ΔElev.	32.850 ft	0.000 ft		
		Ellip Dist.	14246.917 ft	0.048 ft		
17	18	Az.	176°57'32"	0.525 sec	1 : 378035	1 : 377783
		ΔHt.	132.427 ft	0.000 ft		
		ΔElev.	132.520 ft	0.000 ft		
		Ellip Dist.	16444.831 ft	0.044 ft		
17	5	Az.	17°06'33"	0.391 sec	1 : 507120	1 : 507332

		ΔHt.	13.478 ft	0.000 ft		
		ΔElev.	13.380 ft	0.000 ft		
		Ellip Dist.	22248.192 ft	0.044 ft		
17	507	Az.	313°34'11"	0.591 sec	1 : 362760	1 : 362371
		ΔHt.	162.623 ft	0.000 ft		
		ΔElev.	162.550 ft	0.000 ft		
		Ellip Dist.	13327.083 ft	0.037 ft		
17	6	Az.	340°43'38"	0.375 sec	1 : 538043	1 : 537498
		ΔHt.	3.489 ft	0.000 ft		
		ΔElev.	3.400 ft	0.000 ft		
		Ellip Dist.	16762.726 ft	0.031 ft		
18	19	Az.	271°27'29"	0.349 sec	1 : 635408	1 : 635685
		ΔHt.	-103.869 ft	0.000 ft		
		ΔElev.	-103.840 ft	0.000 ft		
		Ellip Dist.	21348.333 ft	0.034 ft		
18	27	Az.	211°05'26"	0.551 sec	1 : 355751	1 : 356445
		ΔHt.	-107.873 ft	0.000 ft		
		ΔElev.	-107.780 ft	0.000 ft		
		Ellip Dist.	14271.985 ft	0.040 ft		
18	28	Az.	147°06'27"	0.578 sec	1 : 346773	1 : 346067
		ΔHt.	-28.530 ft	0.000 ft		
		ΔElev.	-28.480 ft	0.000 ft		
		Ellip Dist.	15168.052 ft	0.044 ft		
19	20	Az.	271°22'27"	0.459 sec	1 : 475784	1 : 475843
		ΔHt.	26.596 ft	0.000 ft		
		ΔElev.	26.560 ft	0.000 ft		
		Ellip Dist.	16298.844 ft	0.034 ft		
19	26	Az.	179°05'44"	0.400 sec	1 : 489709	1 : 489581
		ΔHt.	17.280 ft	0.000 ft		
		ΔElev.	17.370 ft	0.000 ft		
		Ellip Dist.	15521.025 ft	0.032 ft		
19	27	Az.	132°21'55"	0.400 sec	1 : 526152	1 : 525035
		ΔHt.	-4.004 ft	0.000 ft		
		ΔElev.	-3.940 ft	0.000 ft		
		Ellip Dist.	18924.818 ft	0.036 ft		
2	446	Az.	86°20'44"	0.532 sec	1 : 400425	1 : 400557
		ΔHt.	-124.437 ft	0.000 ft		
		ΔElev.	-124.344 ft	0.000 ft		

		Ellip Dist.	16677.124 ft	0.042 ft		
2	503	Az.	293°18'15"	0.423 sec	1 : 501799	1 : 501763
		ΔHt.	-45.199 ft	0.000 ft		
		ΔElev.	-45.314 ft	0.000 ft		
		Ellip Dist.	16221.165 ft	0.032 ft		
20	21	Az.	280°18'15"	0.450 sec	1 : 478537	1 : 478460
		ΔHt.	65.199 ft	0.000 ft		
		ΔElev.	65.100 ft	0.000 ft		
		Ellip Dist.	15547.543 ft	0.032 ft		
20	24	Az.	224°09'39"	0.301 sec	1 : 675708	1 : 677322
		ΔHt.	76.824 ft	0.000 ft		
		ΔElev.	76.840 ft	0.000 ft		
		Ellip Dist.	21832.939 ft	0.032 ft		
20	25	Az.	177°49'43"	0.396 sec	1 : 472712	1 : 472467
		ΔHt.	5.375 ft	0.042 ft		
		ΔElev.	5.469 ft	0.042 ft		
		Ellip Dist.	15957.523 ft	0.034 ft		
20	26	Az.	133°51'00"	0.281 sec	1 : 743787	1 : 742224
		ΔHt.	-9.316 ft	0.000 ft		
		ΔElev.	-9.190 ft	0.000 ft		
		Ellip Dist.	22949.291 ft	0.031 ft		
209	220	Az.	89°52'13"	0.000 sec	1 : 0	1 : 0
		ΔHt.	79.158 ft	0.000 ft		
		ΔElev.	79.180 ft	0.000 ft		
		Ellip Dist.	16192.829 ft	0.000 ft		
209	809	Az.	0°12'49"	0.525 sec	1 : 388065	1 : 387998
		ΔHt.	-17.454 ft	0.000 ft		
		ΔElev.	-17.520 ft	0.000 ft		
		Ellip Dist.	15881.364 ft	0.041 ft		
21	22	Az.	262°15'57"	0.486 sec	1 : 432317	1 : 432419
		ΔHt.	30.483 ft	0.000 ft		
		ΔElev.	30.420 ft	0.000 ft		
		Ellip Dist.	15890.855 ft	0.037 ft		
21	24	Az.	179°41'43"	0.404 sec	1 : 484708	1 : 484552
		ΔHt.	11.624 ft	0.000 ft		
		ΔElev.	11.740 ft	0.000 ft		
		Ellip Dist.	18443.917 ft	0.038 ft		
22	13	Az.	0°20'17"	0.449 sec	1 : 447754	1 : 447774

		ΔHt.	39.477 ft	0.035 ft		
		ΔElev.	39.358 ft	0.035 ft		
		Ellip Dist.	13830.051 ft	0.031 ft		
22	23	Az.	265°03'53"	0.461 sec	1 : 457938	1 : 458054
		ΔHt.	11.613 ft	0.000 ft		
		ΔElev.	11.550 ft	0.000 ft		
		Ellip Dist.	17356.989 ft	0.038 ft		
22	802	Az.	180°06'31"	0.480 sec	1 : 420554	1 : 420464
		ΔHt.	47.451 ft	0.000 ft		
		ΔElev.	47.560 ft	0.000 ft		
		Ellip Dist.	16591.925 ft	0.039 ft		
220	231	Az.	89°40'38"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-39.817 ft	0.000 ft		
		ΔElev.	-39.800 ft	0.000 ft		
		Ellip Dist.	15457.719 ft	0.000 ft		
220	36	Az.	2°43'16"	0.451 sec	1 : 445945	1 : 445575
		ΔHt.	-7.227 ft	0.000 ft		
		ΔElev.	-7.280 ft	0.000 ft		
		Ellip Dist.	16577.412 ft	0.037 ft		
23	801	Az.	181°15'12"	0.484 sec	1 : 420581	1 : 420537
		ΔHt.	27.621 ft	0.000 ft		
		ΔElev.	27.720 ft	0.000 ft		
		Ellip Dist.	14853.534 ft	0.035 ft		
231	244	Az.	91°18'03"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-16.521 ft	0.000 ft		
		ΔElev.	-16.510 ft	0.000 ft		
		Ellip Dist.	15926.067 ft	0.000 ft		
231	35	Az.	0°28'33"	0.439 sec	1 : 462472	1 : 462178
		ΔHt.	-46.400 ft	0.000 ft		
		ΔElev.	-46.420 ft	0.000 ft		
		Ellip Dist.	15570.990 ft	0.034 ft		
24	25	Az.	90°59'25"	0.481 sec	1 : 476736	1 : 476771
		ΔHt.	-71.449 ft	0.042 ft		
		ΔElev.	-71.371 ft	0.042 ft		
		Ellip Dist.	15817.586 ft	0.033 ft		
24	36	Az.	176°26'47"	0.547 sec	1 : 369426	1 : 369323
		ΔHt.	130.312 ft	0.000 ft		
		ΔElev.	130.360 ft	0.000 ft		

		Ellip Dist.	15466.255 ft	0.042 ft		
24	802	Az.	268°57'58"	0.535 sec	1 : 393258	1 : 393303
		ΔHt.	66.310 ft	0.000 ft		
		ΔElev.	66.240 ft	0.000 ft		
		Ellip Dist.	15889.362 ft	0.040 ft		
244	257	Az.	90°12'36"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-33.126 ft	0.000 ft		
		ΔElev.	-33.130 ft	0.000 ft		
		Ellip Dist.	19545.424 ft	0.000 ft		
244	34	Az.	0°57'22"	0.462 sec	1 : 430569	1 : 430261
		ΔHt.	-116.635 ft	0.000 ft		
		ΔElev.	-116.630 ft	0.000 ft		
		Ellip Dist.	16159.204 ft	0.038 ft		
257	266	Az.	90°12'53"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-10.454 ft	0.000 ft		
		ΔElev.	-10.470 ft	0.000 ft		
		Ellip Dist.	11547.734 ft	0.000 ft		
257	33	Az.	345°48'52"	0.514 sec	1 : 371642	1 : 371440
		ΔHt.	-153.333 ft	0.000 ft		
		ΔElev.	-153.320 ft	0.000 ft		
		Ellip Dist.	16358.297 ft	0.044 ft		
26	25	Az.	269°52'10"	0.468 sec	1 : 486323	1 : 486477
		ΔHt.	14.690 ft	0.042 ft		
		ΔElev.	14.659 ft	0.042 ft		
		Ellip Dist.	15945.463 ft	0.033 ft		
26	27	Az.	78°36'53"	0.525 sec	1 : 414236	1 : 414740
		ΔHt.	-21.284 ft	0.000 ft		
		ΔElev.	-21.310 ft	0.000 ft		
		Ellip Dist.	14013.627 ft	0.034 ft		
26	34	Az.	179°56'03"	0.575 sec	1 : 340288	1 : 339950
		ΔHt.	50.704 ft	0.000 ft		
		ΔElev.	50.730 ft	0.000 ft		
		Ellip Dist.	15886.100 ft	0.047 ft		
266	273	Az.	98°52'16"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-169.656 ft	0.000 ft		
		ΔElev.	-169.650 ft	0.000 ft		
		Ellip Dist.	16750.965 ft	0.000 ft		
266	308	Az.	177°39'11"	0.000 sec	1 : 0	1 : 0

		ΔHt.	3.978 ft	0.000 ft		
		ΔElev.	4.200 ft	0.000 ft		
		Ellip Dist.	60910.901 ft	0.000 ft		
266	32	Az.	10°34'30"	0.426 sec	1 : 430060	1 : 430969
		ΔHt.	-125.826 ft	0.000 ft		
		ΔElev.	-125.840 ft	0.000 ft		
		Ellip Dist.	16364.476 ft	0.038 ft		
27	28	Az.	91°52'16"	0.592 sec	1 : 377447	1 : 377444
		ΔHt.	79.342 ft	0.000 ft		
		ΔElev.	79.300 ft	0.000 ft		
		Ellip Dist.	15615.651 ft	0.041 ft		
273	308	Az.	193°36'00"	0.000 sec	1 : 0	1 : 0
		ΔHt.	173.633 ft	0.000 ft		
		ΔElev.	173.850 ft	0.000 ft		
		Ellip Dist.	59947.766 ft	0.000 ft		
273	309	Az.	71°38'38"	0.000 sec	1 : 0	1 : 0
		ΔHt.	0.437 ft	0.000 ft		
		ΔElev.	0.410 ft	0.000 ft		
		Ellip Dist.	8283.527 ft	0.000 ft		
273	37	Az.	359°56'10"	1.130 sec	1 : 150515	1 : 150630
		ΔHt.	1.625 ft	0.000 ft		
		ΔElev.	1.600 ft	0.000 ft		
		Ellip Dist.	9195.373 ft	0.061 ft		
277	308	Az.	205°00'09"	0.000 sec	1 : 0	1 : 0
		ΔHt.	178.292 ft	0.000 ft		
		ΔElev.	178.550 ft	0.000 ft		
		Ellip Dist.	64933.267 ft	0.000 ft		
277	309	Az.	290°16'56"	0.000 sec	1 : 0	1 : 0
		ΔHt.	5.096 ft	0.000 ft		
		ΔElev.	5.110 ft	0.000 ft		
		Ellip Dist.	5813.021 ft	0.000 ft		
277	38	Az.	17°30'10"	1.261 sec	1 : 153647	1 : 153835
		ΔHt.	-0.292 ft	0.000 ft		
		ΔElev.	-0.330 ft	0.000 ft		
		Ellip Dist.	7657.076 ft	0.050 ft		
28	29	Az.	99°09'33"	0.449 sec	1 : 494638	1 : 494471
		ΔHt.	-104.250 ft	0.000 ft		
		ΔElev.	-104.300 ft	0.000 ft		

		Ellip Dist.	21262.755 ft	0.043 ft		
28	32	Az.	166°20'09"	0.432 sec	1 : 445979	1 : 445472
		ΔHt.	-60.125 ft	0.000 ft		
		ΔElev.	-60.070 ft	0.000 ft		
		Ellip Dist.	18863.237 ft	0.042 ft		
28	710	Az.	135°57'14"	0.773 sec	1 : 271665	1 : 271231
		ΔHt.	-90.438 ft	0.000 ft		
		ΔElev.	-90.430 ft	0.000 ft		
		Ellip Dist.	11933.939 ft	0.044 ft		
29	30	Az.	145°20'31"	0.723 sec	1 : 281663	1 : 281200
		ΔHt.	-4.913 ft	0.000 ft		
		ΔElev.	-4.900 ft	0.000 ft		
		Ellip Dist.	13366.707 ft	0.047 ft		
29	31	Az.	191°06'47"	0.573 sec	1 : 336467	1 : 336676
		ΔHt.	1.630 ft	0.000 ft		
		ΔElev.	1.700 ft	0.000 ft		
		Ellip Dist.	15015.836 ft	0.045 ft		
29	710	Az.	247°48'04"	0.697 sec	1 : 305014	1 : 305429
		ΔHt.	13.811 ft	0.000 ft		
		ΔElev.	13.870 ft	0.000 ft		
		Ellip Dist.	13715.913 ft	0.045 ft		
3	446	Az.	285°12'20"	0.596 sec	1 : 353350	1 : 353297
		ΔHt.	-67.941 ft	0.000 ft		
		ΔElev.	-68.020 ft	0.000 ft		
		Ellip Dist.	15789.882 ft	0.045 ft		
3	447	Az.	71°53'36"	0.507 sec	1 : 415058	1 : 415311
		ΔHt.	12.975 ft	0.000 ft		
		ΔElev.	12.990 ft	0.000 ft		
		Ellip Dist.	17459.144 ft	0.042 ft		
3	9	Az.	177°01'50"	0.625 sec	1 : 323042	1 : 322992
		ΔHt.	-70.494 ft	0.000 ft		
		ΔElev.	-70.400 ft	0.000 ft		
		Ellip Dist.	13241.121 ft	0.041 ft		
30	31	Az.	250°24'30"	0.832 sec	1 : 258960	1 : 259312
		ΔHt.	6.544 ft	0.000 ft		
		ΔElev.	6.600 ft	0.000 ft		
		Ellip Dist.	11141.792 ft	0.043 ft		
30	38	Az.	161°15'43"	0.617 sec	1 : 320068	1 : 319688

		ΔHt.	0.258 ft	0.000 ft		
		ΔElev.	0.290 ft	0.000 ft		
		Ellip Dist.	15543.023 ft	0.049 ft		
31	32	Az.	269°10'14"	0.741 sec	1 : 325328	1 : 325194
		ΔHt.	42.495 ft	0.000 ft		
		ΔElev.	42.530 ft	0.000 ft		
		Ellip Dist.	13655.828 ft	0.042 ft		
31	37	Az.	180°46'14"	1.060 sec	1 : 161996	1 : 162126
		ΔHt.	0.290 ft	0.000 ft		
		ΔElev.	0.320 ft	0.000 ft		
		Ellip Dist.	9682.313 ft	0.060 ft		
31	38	Az.	125°18'50"	0.491 sec	1 : 433042	1 : 432163
		ΔHt.	-6.286 ft	0.000 ft		
		ΔElev.	-6.310 ft	0.000 ft		
		Ellip Dist.	18988.518 ft	0.044 ft		
32	33	Az.	269°27'46"	0.569 sec	1 : 412917	1 : 412472
		ΔHt.	-17.053 ft	0.000 ft		
		ΔElev.	-17.010 ft	0.000 ft		
		Ellip Dist.	18552.927 ft	0.045 ft		
32	710	Az.	21°30'31"	0.862 sec	1 : 226397	1 : 226595
		ΔHt.	-30.313 ft	0.000 ft		
		ΔElev.	-30.360 ft	0.000 ft		
		Ellip Dist.	10480.615 ft	0.046 ft		
33	34	Az.	271°26'07"	0.625 sec	1 : 347874	1 : 348015
		ΔHt.	69.824 ft	0.000 ft		
		ΔElev.	69.820 ft	0.000 ft		
		Ellip Dist.	15258.467 ft	0.044 ft		
34	35	Az.	269°14'07"	0.539 sec	1 : 392882	1 : 393233
		ΔHt.	86.756 ft	0.000 ft		
		ΔElev.	86.720 ft	0.000 ft		
		Ellip Dist.	16053.195 ft	0.041 ft		
35	36	Az.	273°31'25"	0.579 sec	1 : 364297	1 : 364595
		ΔHt.	78.990 ft	0.000 ft		
		ΔElev.	78.940 ft	0.000 ft		
		Ellip Dist.	14817.200 ft	0.041 ft		
36	809	Az.	267°37'14"	0.519 sec	1 : 403009	1 : 403116
		ΔHt.	-89.385 ft	0.000 ft		
		ΔElev.	-89.420 ft	0.000 ft		

		Ellip Dist.	16924.525 ft	0.042 ft		
4	447	Az.	281°18'56"	0.580 sec	1 : 367552	1 : 367627
		ΔHt.	-47.761 ft	0.000 ft		
		ΔElev.	-47.830 ft	0.000 ft		
		Ellip Dist.	15316.467 ft	0.042 ft		
4	448	Az.	85°56'37"	0.480 sec	1 : 447593	1 : 447806
		ΔHt.	-187.410 ft	0.000 ft		
		ΔElev.	-187.340 ft	0.000 ft		
		Ellip Dist.	17538.470 ft	0.039 ft		
4	506	Az.	9°52'08"	0.197 sec	1 : 997544	1 : 997663
		ΔHt.	8.947 ft	0.000 ft		
		ΔElev.	8.680 ft	0.000 ft		
		Ellip Dist.	40308.814 ft	0.040 ft		
4	7	Az.	174°56'56"	0.422 sec	1 : 478301	1 : 478103
		ΔHt.	-42.824 ft	0.000 ft		
		ΔElev.	-42.720 ft	0.000 ft		
		Ellip Dist.	15970.392 ft	0.033 ft		
435	440	Az.	180°57'23"	0.800 sec	1 : 253735	1 : 253721
		ΔHt.	-15.065 ft	0.000 ft		
		ΔElev.	-14.980 ft	0.000 ft		
		Ellip Dist.	13176.141 ft	0.052 ft		
435	79	Az.	0°13'00"	1.281 sec	1 : 155706	1 : 155709
		ΔHt.	2.602 ft	0.000 ft		
		ΔElev.	2.540 ft	0.000 ft		
		Ellip Dist.	8038.716 ft	0.052 ft		
440	446	Az.	180°38'43"	1.125 sec	1 : 180314	1 : 180303
		ΔHt.	6.361 ft	0.000 ft		
		ΔElev.	6.410 ft	0.000 ft		
		Ellip Dist.	9373.803 ft	0.052 ft		
447	8	Az.	180°18'15"	0.447 sec	1 : 450582	1 : 450328
		ΔHt.	-8.793 ft	0.000 ft		
		ΔElev.	-8.659 ft	0.000 ft		
		Ellip Dist.	18665.804 ft	0.041 ft		
447	9	Az.	220°30'19"	0.278 sec	1 : 729963	1 : 730404
		ΔHt.	-83.469 ft	0.000 ft		
		ΔElev.	-83.390 ft	0.000 ft		
		Ellip Dist.	24512.992 ft	0.034 ft		
448	449	Az.	101°11'23"	1.364 sec	1 : 154885	1 : 154853

		ΔHt.	-7.430 ft	0.000 ft		
		ΔElev.	-7.410 ft	0.000 ft		
		Ellip Dist.	7407.646 ft	0.048 ft		
448	506	Az.	344°39'26"	0.213 sec	1 : 934012	1 : 933191
		ΔHt.	196.357 ft	0.000 ft		
		ΔElev.	196.020 ft	0.000 ft		
		Ellip Dist.	39901.531 ft	0.043 ft		
448	6	Az.	187°38'16"	0.392 sec	1 : 502972	1 : 503063
		ΔHt.	-8.289 ft	0.000 ft		
		ΔElev.	-8.210 ft	0.000 ft		
		Ellip Dist.	17357.976 ft	0.035 ft		
449	5	Az.	166°23'15"	0.928 sec	1 : 217775	1 : 217696
		ΔHt.	9.130 ft	0.000 ft		
		ΔElev.	9.180 ft	0.000 ft		
		Ellip Dist.	10623.675 ft	0.049 ft		
5	6	Az.	245°46'03"	0.649 sec	1 : 323166	1 : 323426
		ΔHt.	-9.989 ft	0.000 ft		
		ΔElev.	-9.980 ft	0.000 ft		
		Ellip Dist.	13246.788 ft	0.041 ft		
507	6	Az.	31°49'25"	0.958 sec	1 : 204967	1 : 205182
		ΔHt.	-159.134 ft	0.000 ft		
		ΔElev.	-159.150 ft	0.000 ft		
		Ellip Dist.	7814.087 ft	0.038 ft		
507	7	Az.	304°43'00"	0.691 sec	1 : 313294	1 : 313043
		ΔHt.	-6.258 ft	0.000 ft		
		ΔElev.	-6.320 ft	0.000 ft		
		Ellip Dist.	11768.616 ft	0.038 ft		
6	7	Az.	270°16'18"	0.474 sec	1 : 447919	1 : 448150
		ΔHt.	152.876 ft	0.000 ft		
		ΔElev.	152.830 ft	0.000 ft		
		Ellip Dist.	13794.104 ft	0.031 ft		
7	8	Az.	270°51'48"	0.487 sec	1 : 438568	1 : 439005
		ΔHt.	-13.730 ft	0.000 ft		
		ΔElev.	-13.769 ft	0.000 ft		
		Ellip Dist.	16537.531 ft	0.038 ft		
79	80	Az.	270°05'43"	0.664 sec	1 : 320423	1 : 320413
		ΔHt.	32.483 ft	0.000 ft		
		ΔElev.	32.410 ft	0.000 ft		

		Ellip Dist.	16025.097 ft	0.050 ft		
8	9	Az.	270°05'53"	0.531 sec	1 : 397281	1 : 397482
		ΔHt.	-74.676 ft	0.000 ft		
		ΔElev.	-74.731 ft	0.000 ft		
		Ellip Dist.	15822.587 ft	0.040 ft		
80	81	Az.	283°24'51"	0.791 sec	1 : 266662	1 : 266577
		ΔHt.	-30.666 ft	0.000 ft		
		ΔElev.	-30.740 ft	0.000 ft		
		Ellip Dist.	12031.065 ft	0.045 ft		
801	802	Az.	90°46'06"	0.541 sec	1 : 388734	1 : 388858
		ΔHt.	8.217 ft	0.000 ft		
		ΔElev.	8.290 ft	0.000 ft		
		Ellip Dist.	17598.571 ft	0.045 ft		
802	809	Az.	180°11'43"	0.570 sec	1 : 358029	1 : 358017
		ΔHt.	-25.384 ft	0.000 ft		
		ΔElev.	-25.300 ft	0.000 ft		
		Ellip Dist.	15853.307 ft	0.044 ft		

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