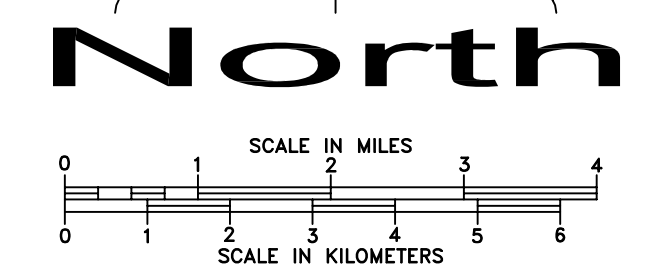
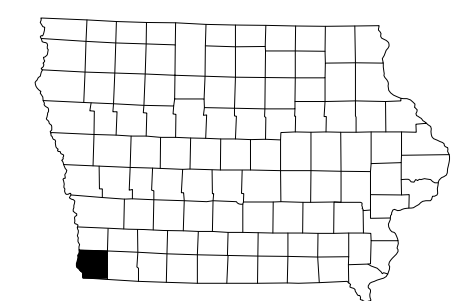
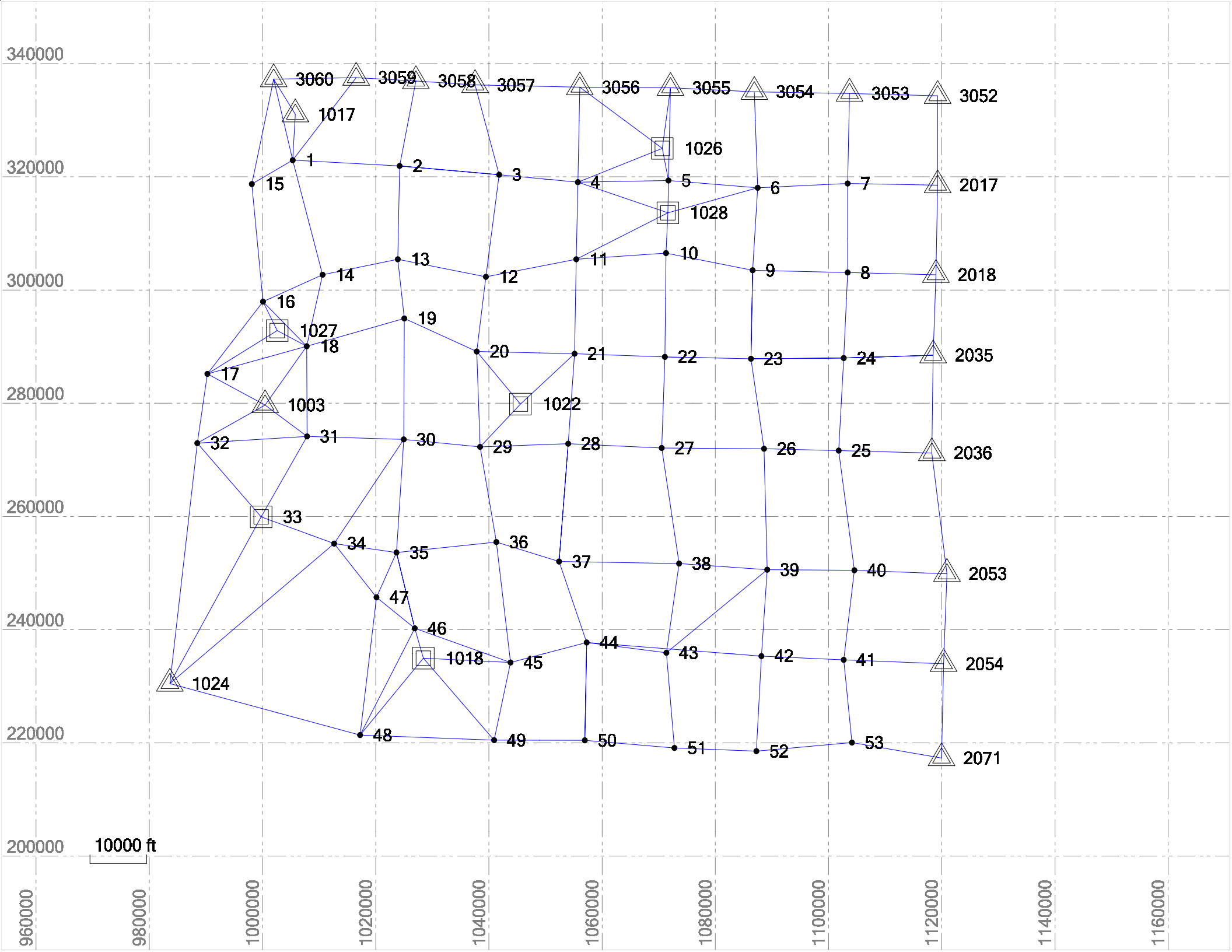


**FREMONT COUNTY, IA**  
**2010 GPS Survey Control Network**  
 Prepared by: Dan Corbin, Inc.  
 11-15-2010





Name: Fremont County, Iowa										
Coordinate System: US State Plane 1983										
Datum: NAD 1983 (NSRS 2007)										
Zone: Iowa South 1402										
Geoid: GEOID09 (Conus)										
Vertical Datum: NAVD88										
Adjustment by: Gary G Brown 11/03/2010										
Point ID	Northing sft	Easting sft	Elev. sft	Latitude(Glbl)	Longitude(Glbl)	Ht sft(Glbl)	Proj. Sc Fctr	Ht. Sc Fctr	Comb Sc Fctr	Conv Ang
1	322744.59	1005329.28	938.91	N40°51'46.24336"	W95°47'46.87623"	845.64	0.99996568	0.999959648	0.999925326	-1°30'45"
2	321711.00	1024244.07	1161.72	N40°51'40.89381"	W95°43'40.42887"	1067.36	0.99996583	0.999949068	0.999914899	-1°28'03"
3	320182.76	1041791.43	1169.92	N40°51'30.17496"	W95°39'51.62396"	1074.57	0.99996614	0.999948725	0.999914863	-1°25'32"
4	318852.78	1055711.40	1099.91	N40°51'20.41938"	W95°36'50.09503"	1003.77	0.99996642	0.999952102	0.999918522	-1°23'33"
5	319164.22	1071710.95	997.25	N40°51'27.28513"	W95°33'22.03110"	900.38	0.99996622	0.999957036	0.999923257	-1°21'16"
6	317865.81	1087465.06	1089.74	N40°51'18.08718"	W95°29'56.66725"	992.16	0.99996649	0.999952657	0.999919144	-1°19'00"
7	318626.15	1103378.89	1105.94	N40°51'29.16003"	W95°26'29.83938"	1007.80	0.99996617	0.999951910	0.999918077	-1°16'44"
8	302888.49	1103374.08	999.07	N40°48'53.69039"	W95°26'25.33329"	900.25	0.99997093	0.999957042	0.999927970	-1°16'41"
9	303279.92	1086587.90	1088.79	N40°48'53.79956"	W95°30'03.71310"	990.57	0.99997092	0.999952732	0.999923657	-1°19'05"
10	306309.59	1071294.77	1054.84	N40°49'20.20406"	W95°33'23.49091"	957.32	0.99997008	0.999954319	0.999924396	-1°21'17"
11	305225.62	1055441.76	1004.93	N40°49'05.74146"	W95°36'49.29407"	908.03	0.99997054	0.999956671	0.999927210	-1°23'32"
12	302146.27	1039448.31	1157.86	N40°48'31.43083"	W95°40'16.25030"	1061.53	0.99997166	0.999949346	0.999921003	-1°25'49"
13	305234.35	1023894.04	1035.47	N40°48'58.04925"	W95°43'39.49167"	940.02	0.99997079	0.999955144	0.999925932	-1°28'02"
14	302495.43	1010599.09	940.27	N40°48'27.59432"	W95°46'31.41752"	845.31	0.99997178	0.999959663	0.999931446	-1°29'56"
15	318536.58	998119.43	938.41	N40°51'02.78675"	W95°49'19.21996"	845.26	0.99996693	0.999959666	0.999926601	-1°31'46"
16	297736.43	1000099.56	934.08	N40°47'37.84994"	W95°48'46.26537"	839.40	0.99997345	0.999959945	0.999933401	-1°31'25"
17	284997.99	990250.72	932.41	N40°45'29.41672"	W95°50'49.80286"	837.59	0.99997804	0.999960032	0.999938072	-1°32'46"
18	289865.39	1007820.77	930.74	N40°46'22.11723"	W95°47'03.22311"	835.23	0.99997611	0.999960145	0.999936257	-1°30'17"
19	294796.29	1025052.67	1123.59	N40°47'15.23485"	W95°43'20.95890"	1027.51	0.99997423	0.999950970	0.999925205	-1°27'50"
20	288952.15	1037861.14	1194.97	N40°46'20.70538"	W95°40'32.59322"	1098.09	0.99997616	0.999947602	0.999923765	-1°25'59"
21	288537.06	1055126.78	997.07	N40°46'20.81083"	W95°36'48.11645"	899.45	0.99997616	0.999957080	0.999933239	-1°23'31"
22	287990.10	1071078.89	1031.24	N40°46'19.18488"	W95°33'20.66709"	932.99	0.99997622	0.999955479	0.999931697	-1°21'15"
23	287645.84	1086285.31	1083.10	N40°46'19.28759"	W95°30'02.97066"	984.34	0.99997621	0.999953029	0.999929244	-1°19'05"
24	287776.68	1102691.84	1046.02	N40°46'24.25366"	W95°26'29.81749"	946.75	0.99997603	0.999954823	0.999930859	-1°16'44"
25	271438.93	1101792.47	956.63	N40°43'42.65792"	W95°26'36.75995"	857.03	0.99998214	0.999959104	0.999941246	-1°16'49"
26	271751.37	1088599.78	937.36	N40°43'42.79618"	W95°29'28.16748"	838.14	0.99998214	0.999960005	0.999942142	-1°18'42"
27	271891.81	1070544.35	979.66	N40°43'40.03310"	W95°33'22.66682"	880.99	0.99998225	0.999957961	0.999940208	-1°21'16"
28	272658.08	1053995.80	1022.96	N40°43'43.68122"	W95°36'57.79169"	924.89	0.99998210	0.999955866	0.999937968	-1°23'38"
29	272086.76	1038434.87	1174.31	N40°43'34.24770"	W95°40'19.66482"	1076.79	0.99998248	0.999948618	0.999931095	-1°25'51"
30	273396.76	1024948.88	924.86	N40°43'43.82339"	W95°43'15.20523"	827.91	0.99998210	0.999960494	0.999942590	-1°27'46"
31	273942.16	1007868.69	927.43	N40°43'44.84229"	W95°46'57.16997"	831.24	0.99998206	0.999960335	0.999942390	-1°30'13"
32	272753.14	988485.20	926.70	N40°43'27.99506"	W95°51'08.43439"	831.45	0.99998273	0.999960325	0.999943051	-1°32'58"
33	259714.75	999744.02	923.02	N40°41'22.18695"	W95°48'37.75669"	826.78	0.99998794	0.999960547	0.999948492	-1°31'19"
34	255013.45	1012654.98	920.30	N40°40'39.10211"	W95°45'48.62419"	823.37	0.99998982	0.999960710	0.999950526	-1°29'28"
35	253420.30	1023681.34	918.46	N40°40'26.17493"	W95°43'25.03154"	821.03	0.99999039	0.999960822	0.999951207	-1°27'53"
36	255272.17	1041295.72	1148.46	N40°40'48.85354"	W95°39'37.09459"	1050.42	0.99998939	0.999949876	0.999939265	-1°25'23"
37	251841.91	1052386.91	1053.02	N40°40'17.66470"	W95°37'12.09413"	954.54	0.99999076	0.999954451	0.999945214	-1°23'47"
38	251475.60	1073594.80	1043.43	N40°40'19.06115"	W95°32'36.82637"	944.30	0.99999070	0.999954940	0.999945641	-1°20'46"
39	250382.49	1089150.97	1099.54	N40°40'11.82414"	W95°29'14.66870"	1000.00	0.99999102	0.999952282	0.999943305	-1°18'33"
40	250279.84	1104560.81	1061.95	N40°40'14.24031"	W95°25'54.70740"	962.03	0.99999092	0.999954094	0.999945009	-1°16'21"
41	234480.21	1102677.83	1180.81	N40°37'37.74443"	W95°26'14.57142"	1080.85	0.99999817	0.999948424	0.999946590	-1°16'34"
42	235131.41	1088146.08	1037.48	N40°37'40.93627"	W95°29'23.17916"	937.86	0.99999801	0.999955247	0.999953259	-1°18'38"
43	235705.47	1071338.62	1062.14	N40°37'42.75065"	W95°33'01.27479"	962.93	0.99999793	0.999954051	0.999951976	-1°21'02"
44	237540.98	1057274.37	1080.98	N40°37'57.56651"	W95°36'04.20127"	982.16	0.99999722	0.999953133	0.999950349	-1°23'03"
45	233999.45	1043828.13	973.54	N40°37'19.33612"	W95°38'57.41345"	875.08	0.99999906	0.999958242	0.999957299	-1°24'57"
46	240025.36	1026885.61	910.30	N40°38'14.66566"	W95°42'39.04098"	812.52	0.99999640	0.999961228	0.999957632	-1°27'23"
47	245515.43	1020142.00	914.41	N40°39'07.19392"	W95°44'08.31432"	816.98	0.99999395	0.999961015	0.999954967	-1°28'21"
48	221167.23	1017246.03	911.30	N40°35'05.94545"	W95°44'37.72625"	813.64	1.00000574	0.999961174	0.999966916	-1°28'41"
49	220269.85	1040900.20	907.27	N40°35'02.99526"	W95°39'30.95350"	808.77	1.00000590	0.999961407	0.999967302	-1°25'19"
50	220247.23	1056928.29	1079.66	N40°35'06.64930"	W95°36'03.27157"	980.71	1.00000571	0.999953202	0.999958908	-1°23'02"
51	218914.15	1072776.02	1106.47	N40°34'57.21099"	W95°32'37.52142"	1007.13	1.00000619	0.999951942	0.999958136	-1°20'46"
52	218324.35	1087261.64	1094.88	N40°34'54.70447"	W95°29'29.65632"	995.19	1.00000632	0.999952511	0.999958836	-1°18'43"
53	219852.18	1104122.94	1161.82	N40°35'13.55402"	W95°25'51.62302"	1061.79	1.00000535	0.999949334	0.999954683	-1°16'19"
1003	279464.42	1000456.55	928.28	N40°44'37.45698"	W95°48'35.31761"	832.67	0.99998000	0.999960267	0.999940270	-1°31'17"
1017	330854.52	1005809.55	945.29	N40°53'06.47650"	W95°47'43.41261"	852.55	0.99996347	0.999959318	0.999922791	-1°30'43"

Point ID	Northing sft	Easting sft	Elev. sft	Latitude(Glbl)	Longitude(Glbl)	Ht sft(Glbl)	Proj. Sc Fctr	Ht. Sc Fctr	Comb Sc Fctr	Conv Ang
1018	234751.13	1028432.86	907.55	N40°37'22.95429"	W95°42'17.24399"	809.63	0.99999888	0.999961366	0.999960247	-1°27'08"
1022	279651.47	1045580.30	1176.58	N40°44'50.72642"	W95°38'49.30957"	1079.03	0.99997950	0.999948511	0.999928007	-1°24'51"
1024	230269.90	983628.32	1159.21	N40°36'27.05920"	W95°51'56.48809"	1063.14	1.00000163	0.999949269	0.999950897	-1°33'30"
1026	324816.73	1070642.47	977.11	N40°52'22.87331"	W95°33'37.67525"	880.61	0.99996465	0.999957979	0.999922632	-1°21'26"
1027	292638.06	1002607.62	930.92	N40°46'48.14693"	W95°48'11.91235"	835.82	0.99997518	0.999960116	0.999935300	-1°31'02"
1028	313452.11	1071602.61	981.76	N40°50'30.83311"	W95°33'21.68373"	884.58	0.99996789	0.999957790	0.999925677	-1°21'15"
2017	318340.02	1119275.87	1116.57	N40°51'29.78755"	W95°23'02.91652"	1017.87	0.99996615	0.999951430	0.999917579	-1°14'28"
2018	302486.63	1118960.78	1094.71	N40°48'53.10605"	W95°23'02.54769"	995.40	0.99997095	0.999952502	0.999923449	-1°14'28"
2035	288291.08	1118478.83	960.41	N40°46'32.76613"	W95°23'04.81442"	860.71	0.99997573	0.999958929	0.999934659	-1°14'29"
2036	271011.47	1118254.36	1068.94	N40°43'42.01381"	W95°23'02.86669"	968.91	0.99998217	0.999953766	0.999935934	-1°14'28"
2053	249675.63	1120910.13	1179.25	N40°40'11.80432"	W95°22'22.41242"	1078.95	0.99999102	0.999948515	0.999939539	-1°14'01"
2054	233762.21	1120334.80	1137.98	N40°37'34.47334"	W95°22'25.42874"	1037.63	0.99999832	0.999950487	0.999948810	-1°14'03"
2071	217113.95	1119951.78	1015.89	N40°34'49.92379"	W95°22'25.74409"	915.49	1.00000657	0.999956314	0.999962887	-1°14'03"
3052	334111.81	1119273.94	1021.75	N40°54'05.59459"	W95°23'07.39041"	923.87	0.99996194	0.999955915	0.999917860	-1°14'31"
3053	334524.86	1103717.98	1130.90	N40°54'06.29381"	W95°26'30.04580"	1033.62	0.99996193	0.999950678	0.999912605	-1°16'44"
3054	334823.80	1086871.00	1077.71	N40°54'05.47295"	W95°30'09.47671"	981.12	0.99996195	0.999953183	0.999915131	-1°19'09"
3055	335532.89	1072070.41	977.93	N40°54'09.06585"	W95°33'22.38962"	882.05	0.99996186	0.999957911	0.999919768	-1°21'16"
3056	335631.75	1056056.48	1097.63	N40°54'06.24950"	W95°36'50.91232"	1002.58	0.99996193	0.999952159	0.999914087	-1°23'33"
3057	336029.77	1037562.70	1229.07	N40°54'05.66983"	W95°40'51.81236"	1135.04	0.99996194	0.999945839	0.999907782	-1°26'12"
3058	336733.31	1027103.95	1159.76	N40°54'10.00585"	W95°43'08.20644"	1066.30	0.99996183	0.999949119	0.999910953	-1°27'42"
3059	337337.73	1016551.76	954.00	N40°54'13.29375"	W95°45'25.78849"	861.12	0.99996175	0.999958910	0.999920661	-1°29'12"
3060	337059.97	1001970.42	954.63	N40°54'06.76807"	W95°48'35.52493"	862.50	0.99996191	0.999958844	0.999920758	-1°31'17"