

**Mills County
Iowa**

NAD 83(NA2011)

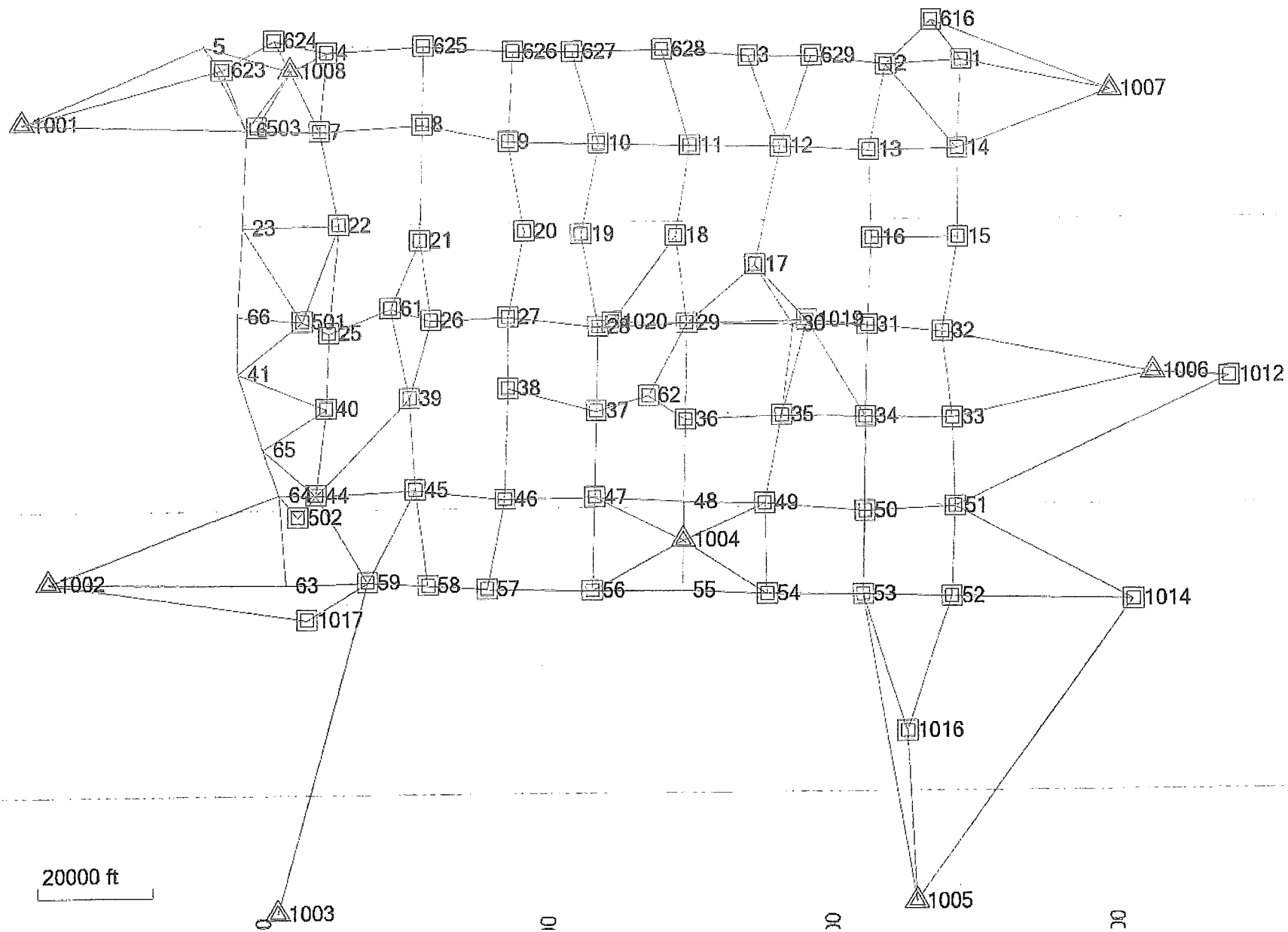
**Iowa South Zone (1402)
&
IaRCS Zone 6**

**Monument Records
2016**

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2016 Mills County, IA
US Survey Feet

2/6/2016

Name: Mills County, IA
Coordinate System: US State Plane 1983
Datum: NAD 83(NA2011)
Zone: Iowa South 1402
Geoid: GEOID12A (Conus)
Vertical Datum: NAVD88
Adjustment by: Gary G Brown 8/1/2013

Point ID	Northing sft	Easting sft	Ortho Ht sft	Latitude (Global)	Longitude (Global)	Ellip Ht sft	Projection Scale Factor	Height Scale Factor	Combined Scale Factor	Meridian Converg Angle
1	428132.973	1121619.484	1067.587	N41°09'34.90481"	W95°23'03.37386"	975.334	0.999948627	0.999953460	0.999902090	-1°14'28"
2	427409.792	1108325.687	1043.760	N41°09'24.87924"	W95°25'56.92633"	951.710	0.999948663	0.999954587	0.999903253	-1°16'23"
3	429121.755	1084192.512	1203.132	N41°09'36.37299"	W95°31'12.86897"	1111.588	0.999948622	0.999946959	0.999895584	-1°19'51"
4	430393.315	1010083.303	1090.345	N41°09'30.79476"	W95°47'21.89496"	1000.257	0.999948642	0.999952271	0.999900915	-1°30'29"
5	431639.260	988689.778	968.695	N41°09'37.44376"	W95°52'01.93244"	878.984	0.999948618	0.999958058	0.999906678	-1°33'33"
6	416809.947	996049.403	965.382	N41°07'12.93759"	W95°50'20.53216"	875.567	0.999949355	0.999958221	0.999907578	-1°32'27"
7	416466.541	1008798.177	1297.316	N41°07'12.89913"	W95°47'33.89204"	1207.231	0.999949356	0.999942395	0.999891754	-1°30'37"
8	417484.757	1026798.057	1103.398	N41°07'27.57746"	W95°43'39.11741"	1012.878	0.999949259	0.999951669	0.999900930	-1°28'02"
9	414361.201	1041901.476	1225.943	N41°07'00.49781"	W95°40'20.80114"	1135.025	0.999949442	0.999945841	0.999895285	-1°25'52"
10	413957.175	1057724.546	1159.415	N41°07'00.35970"	W95°36'53.99525"	1068.080	0.999949443	0.999949035	0.999898480	-1°23'35"
11	413501.302	1073864.793	1218.899	N41°06'59.68024"	W95°33'23.03072"	1127.164	0.999949448	0.999946216	0.999895666	-1°21'16"
12	413199.716	1089705.429	1109.610	N41°07'00.34939"	W95°29'56.02737"	1017.485	0.999949443	0.999951449	0.999900894	-1°19'00"
13	412411.134	1105288.010	1029.289	N41°06'56.04735"	W95°26'32.25169"	936.765	0.999949474	0.999955300	0.999904776	-1°16'46"
14	412559.763	1120757.038	1186.909	N41°07'00.87905"	W95°23'10.23224"	1094.047	0.999949439	0.999947796	0.999897237	-1°14'33"
15	396993.361	1120795.060	1233.292	N41°04'27.11240"	W95°23'05.32880"	1139.586	0.999950803	0.999945623	0.999896428	-1°14'30"
16	396969.923	1105616.050	1171.553	N41°04'23.58373"	W95°26'23.46792"	1078.299	0.999950841	0.999948547	0.999899390	-1°16'40"
17	392488.319	1085109.654	1076.317	N41°03'34.70786"	W95°30'49.79346"	983.446	0.999951394	0.999953073	0.999904469	-1°19'35"
18	397733.931	1071188.319	1205.905	N41°04'23.30081"	W95°33'53.10093"	1113.734	0.999950844	0.999946856	0.999897703	-1°21'36"
19	398138.352	1054534.382	1105.556	N41°04'23.33280"	W95°37'30.61517"	1013.914	0.999950844	0.999951619	0.999902465	-1°23'59"
20	398670.709	1044560.459	1195.851	N41°04'26.16331"	W95°39'40.97699"	1104.537	0.999950813	0.999947295	0.999898111	-1°25'25"
21	397259.309	1026198.239	1114.428	N41°04'07.64451"	W95°43'40.18445"	1023.590	0.999951015	0.999951157	0.999902175	-1°28'03"
22	400018.805	1011970.096	1196.182	N41°04'31.25963"	W95°46'46.82910"	1105.801	0.999950759	0.999947235	0.999897996	-1°30'06"
23	399711.909	995146.132	959.235	N41°04'23.81373"	W95°50'26.31930"	869.303	0.999950838	0.999958519	0.999909360	-1°32'30"
25	381132.362	1010067.289	954.201	N41°01'24.21334"	W95°47'05.18939"	863.449	0.999953145	0.999958798	0.999911945	-1°30'18"
26	383210.488	1028018.321	1162.136	N41°01'49.33299"	W95°43'11.74828"	1070.901	0.999952777	0.999948900	0.999901679	-1°27'44"

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27	383654.142	1041567.201	1206.438	N41°01'57.09398"	W95°40'15.15522"	1114.789	0.999952666	0.999946806	0.999899475	-1°25'48"
28	381828.085	1057289.273	1005.780	N41°01'42.88185"	W95°36'49.48060"	913.436	0.999952870	0.999956413	0.999909285	-1°23'32"
29	382405.340	1073037.552	1051.292	N41°01'52.31415"	W95°33'24.23025"	958.352	0.999952734	0.999954270	0.999907007	-1°21'17"
30	381956.066	1091634.166	1002.329	N41°01'52.14935"	W95°29'21.49862"	908.646	0.999952737	0.999956642	0.999909381	-1°18'37"
31	381758.080	1104720.472	1110.687	N41°01'53.11527"	W95°26'30.72478"	1016.537	0.999952723	0.999951494	0.999904219	-1°16'45"
32	380476.281	1117851.030	1095.638	N41°01'43.31354"	W95°23'39.06436"	1000.917	0.999952864	0.999952239	0.999905105	-1°14'52"
33	365378.792	1119553.524	1202.977	N40°59'14.53507"	W95°23'12.58229"	1107.100	0.999955279	0.999947173	0.999902453	-1°16'45"
34	365659.265	1104319.848	1186.054	N40°59'13.99310"	W95°26'31.26141"	1090.822	0.999955288	0.999947949	0.999903240	-1°18'52"
35	366062.827	1089558.788	1149.886	N40°59'14.67872"	W95°29'43.81511"	1055.273	0.999955276	0.999949645	0.999904924	-1°21'17"
36	365466.164	1072687.905	998.318	N40°59'04.90212"	W95°33'23.56597"	904.381	0.999955453	0.999956845	0.999912300	-1°23'32"
37	367082.120	1056924.639	1127.829	N40°59'17.13146"	W95°36'49.56176"	1034.745	0.999955232	0.999950625	0.999905859	-1°25'46"
38	371129.835	1041493.824	1247.632	N40°59'53.36099"	W95°40'12.03568"	1155.473	0.999954599	0.999944865	0.999899466	-1°28'14"
39	369539.174	1024154.495	1015.811	N40°59'33.31304"	W95°43'57.57044"	924.235	0.999954945	0.999955898	0.999910845	-1°30'20"
40	367880.715	1009484.102	949.651	N40°59'13.16670"	W95°47'08.25307"	858.531	0.999955303	0.999959033	0.999914338	-1°32'34"
41	374086.936	994054.824	953.839	N41°00'10.41407"	W95°50'31.55541"	863.489	0.999954311	0.999958797	0.999913109	-1°30'33"
44	352679.223	1007538.906	950.972	N40°56'42.50542"	W95°47'28.38858"	859.349	0.999958280	0.999958994	0.999917275	-1°28'03"
45	353511.523	1025032.186	1222.220	N40°56'55.21651"	W95°43'40.77501"	1129.867	0.999958008	0.999946086	0.999904097	-1°25'48"
46	351714.506	1040772.307	1242.812	N40°56'41.39791"	W95°40'15.12389"	1149.607	0.999958304	0.999945144	0.999903450	-1°23'33"
47	351945.917	1056476.271	1127.719	N40°56'47.50546"	W95°36'50.61016"	1033.695	0.999958172	0.999950675	0.999908849	-1°21'17"
48	351048.448	1072338.580	973.336	N40°56'42.39724"	W95°33'23.67517"	878.430	0.999958282	0.999958083	0.999916367	-1°19'15"
49	350689.283	1086539.025	1143.199	N40°56'42.12505"	W95°30'18.56144"	1047.643	0.999958288	0.999950009	0.999908299	-1°16'44"
50	349127.032	1104053.007	1129.169	N40°56'30.61807"	W95°26'29.92835"	1032.762	0.999958537	0.999950719	0.999909259	-1°14'28"
51	349881.399	1119949.333	1120.795	N40°56'41.52433"	W95°23'03.04503"	1023.780	0.999958301	0.999951148	0.999909451	-1°14'31"
52	334111.819	1119273.991	1021.752	N40°54'05.59469"	W95°23'07.38975"	923.726	0.999961943	0.999955922	0.999917866	-1°16'44"
53	334524.866	1103718.030	1130.904	N40°54'06.29388"	W95°26'30.04515"	1033.526	0.999961925	0.999950683	0.999912610	-1°19'09"
54	334823.776	1086871.056	1077.709	N40°54'05.47272"	W95°30'09.47598"	981.030	0.999961946	0.999953188	0.999915135	-1°21'16"
55	335532.853	1072070.492	977.606	N40°54'09.06550"	W95°33'22.38855"	881.621	0.999961855	0.999957931	0.999919788	-1°23'33"
56	335631.797	1056056.525	1097.625	N40°54'06.24998"	W95°36'50.91174"	1002.481	0.999961926	0.999952164	0.999914092	-1°26'12"
57	336029.781	1037562.737	1229.067	N40°54'05.66995"	W95°40'51.81188"	1134.977	0.999961941	0.999945842	0.999907785	-1°27'42"
58	336733.327	1027103.991	1159.758	N40°54'10.00604"	W95°43'08.20592"	1066.246	0.999961832	0.999949122	0.999910955	-1°29'12"
59	337337.744	1016551.794	953.998	N40°54'13.29390"	W95°45'25.78805"	861.060	0.999961749	0.999958912	0.999920663	-1°28'45"
61	385379.508	1020996.621	986.929	N41°02'08.97734"	W95°44'44.07099"	895.956	0.999952500	0.999957247	0.999909749	-1°22'13"
62	369693.655	1066202.561	1051.339	N40°59'45.13877"	W95°34'49.42546"	957.967	0.999954740	0.999954288	0.999909030	

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63	336953.911	1002169.517	944.685	N40°54'05.77268"	W95°48'32.89632"	852.453	0.999961938	0.999959323	0.999921262	-1°31'16"
64	352839.202	1001082.670	949.387	N40°56'42.39684"	W95°48'52.54960"	858.046	0.999958282	0.999959056	0.999917340	-1°31'29"
65	360793.362	998348.284	954.421	N40°58'00.24438"	W95°49'30.94102"	863.513	0.999956678	0.999958795	0.999915475	-1°31'54"
66	384167.478	994093.357	953.659	N41°01'49.99462"	W95°50'34.59410"	863.517	0.999952767	0.999958795	0.999911565	-1°32'36"
501	383167.914	1005364.132	960.300	N41°01'43.09460"	W95°48'07.23333"	869.744	0.999952867	0.999958498	0.999911367	-1°30'59"
502	348811.633	1004373.817	943.880	N40°56'03.47684"	W95°48'08.28655"	852.197	0.999959137	0.999959335	0.999918474	-1°31'00"
503	417200.001	997836.894	967.630	N41°07'17.26452"	W95°49'57.32127"	877.774	0.999949326	0.999958115	0.999907444	-1°32'11"
616	435102.898	1116358.586	1194.220	N41°10'42.62538"	W95°24'14.13373"	1102.275	0.999948446	0.999947403	0.999895852	-1°15'15"
623	427458.540	991726.342	965.633	N41°08'56.96432"	W95°51'20.76584"	875.897	0.999948776	0.999958205	0.999906982	-1°33'06"
624	432553.758	1000902.241	971.550	N41°09'49.72938"	W95°49'22.63908"	881.596	0.999948578	0.999957933	0.999906513	-1°31'48"
625	431335.530	1027179.591	1177.405	N41°09'44.48702"	W95°43'38.76772"	1087.016	0.999948595	0.999948131	0.999896729	-1°28'02"
626	430159.936	1042893.703	1113.482	N41°09'36.79949"	W95°40'12.99087"	1022.747	0.999948621	0.999951198	0.999899821	-1°25'46"
627	430078.950	1053225.518	1146.172	N41°09'38.52439"	W95°37'57.92451"	1055.230	0.999948615	0.999949648	0.999898265	-1°24'17"
628	430396.142	1069007.737	1200.842	N41°09'45.42947"	W95°34'31.73958"	1109.599	0.999948592	0.999947054	0.999895648	-1°22'02"
629	428961.428	1095274.685	1217.595	N41°09'37.30693"	W95°28'47.96766"	1125.849	0.999948619	0.999946279	0.999894900	-1°18'15"
1001	418238.958	956936.182	1162.910	N41°07'16.34532"	W95°58'51.92340"	1074.132	0.999949332	0.999948746	0.999898081	-1°38'03"
1002	337630.883	960688.719	1264.290	N40°54'01.22622"	W95°57'33.13613"	1174.413	0.999962053	0.999943961	0.999906015	-1°37'12"
1003	279464.410	1000456.590	928.280	N40°44'37.45689"	W95°48'35.31709"	832.581	0.999980003	0.999960271	0.999940274	-1°31'17"
1004	344349.702	1072174.150	986.490	N40°55'36.18608"	W95°33'23.75357"	891.115	0.999959758	0.999957478	0.999917238	-1°21'17"
1005	280693.901	1112713.760	971.870	N40°45'16.47346"	W95°24'17.56993"	872.001	0.999978522	0.999958390	0.999936913	-1°15'17"
1006	373084.160	1154769.350	1038.650	N41°00'37.94934"	W95°15'35.49489"	941.845	0.999953861	0.999955058	0.999908921	-1°09'33"
1007	422666.960	1147739.860	1274.650	N41°08'46.35709"	W95°17'20.47403"	1181.636	0.999948823	0.999943617	0.999892443	-1°10'42"
1008	427131.290	1003675.840	977.310	N41°08'56.89986"	W95°48'44.50257"	887.336	0.999948776	0.999957659	0.999906437	-1°31'23"
1012	372171.545	1168209.532	1117.970	N41°00'31.58304"	W95°12'39.97318"	1020.566	0.999953964	0.999951302	0.999905267	-1°07'38"
1014	333382.925	1151153.118	1007.430	N40°54'05.01239"	W95°16'12.11950"	908.280	0.999961957	0.999956659	0.999918618	-1°09'57"
1016	310559.649	1111266.235	1003.530	N40°50'11.19925"	W95°24'44.90657"	904.605	0.999968483	0.999956834	0.999925319	-1°15'35"
1017	330854.535	1005809.614	945.290	N40°53'06.47667"	W95°47'43.41178"	852.475	0.999963471	0.999959322	0.999922795	-1°30'43"
1019	382682.083	1094164.322	1007.920	N41°01'59.89169"	W95°28'48.70769"	914.192	0.999952627	0.999956377	0.999909006	-1°18'16"
1020	382651.622	1059817.876	1026.670	N41°01'51.62265"	W95°36'16.75664"	934.264	0.999952744	0.999955420	0.999908166	-1°23'11"