

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

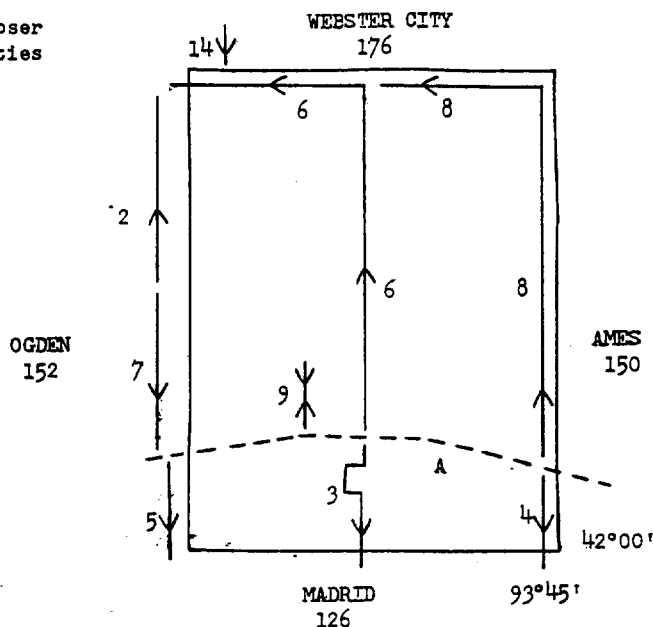
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BOONE QUADRANGLE
151 - IOWA
N4200-W9345/15
DIAGRAM NK 15-5
WATERLOO, IOWA

Boone, Hamilton and Webster
Counties

Edition of 1/8/65

PR: MLC:vdo



USC&GS LEVELING
A. No. 420933

LINE 1

ISOLATED BENCH MARKS NOT SHOWN ON DIAGRAM

T. 83 N., R. 25 W., SE. cor. sec. 9, 1.5 mi E. by 3.0 mi S. of Jordan, NW. cor. of crossroads, 7 ft N. of fence corner; iron post stamped "1095"	1093.580
T. 84 N., R. 25 W., SW. cor. of sec. 27, 1.5 mi E. of Jordan, NE. cor. of crossroads; iron post stamped "1040"	1039.183
T. 84 N., R. 25 W., SE. cor. sec. 4, 5.5 mi W. of Gilbert A Station, N. side of rd., opposite T-rd. S.; just W. of section line at foot of telephone pole; iron post stamped "P T S 3, 1912 1034"	1032.853
T. 85 N., R. 25 W., SW. cor. of sec. 27, 2.0 mi S. of Mackey, NE. cor. of crossroads, just E. of fence corner; iron post stamped "1009"	1008.079
T. 85 N., R. 25 W., SE. cor. of sec. 9, 1.0 mi N. of Mackey, NW. cor. of crossroads; at fence corner; iron post stamped "978"	976.750
T. 86 N., R. 25 W., SE. cor. sec. 21, 5 mi N. of Mackey, 8 mi W. of Randall, NW. cor. of crossroads; at fence corner; iron post stamped "1061" (destroyed 5/52 CKP)	1060.044
T. 84 N., R. 26 W., SE. cor. of sec. 34, 1.0 mi E. of by 2.5 mi S. of Boone, just N. of township line between Des Moines and Worth townships, SW. cor. of crossroads; just W. of fence corner; iron post stamped "1119"	1117.949
Boone, in grass plot on N. side of E. entrance to post-office bldg., iron post stamped "1134" (USC&GS elev.)	1133.534
T. 84 N., R. 26 W., NE. cor. of sec. 9, 3.0 mi N. of Boone, SW. corner of crossroads; at fence corner; iron post stamped "1135"	1133.967

151A

BOONE QUADRANGLE
151 - IOWA

<u>LINE 1 (Cont'd)</u>	<u>Feet</u>
T. 85 N., R. 26 W., E. center of SE $\frac{1}{4}$ sec. 21, 6.1 mi N. of Boone, 0.1 mi N. of crossroads SE. cor. of schoolhouse yard, W. side of rd., iron post stamped "1177"	1176.604
T. 86 N., R. 26 W., NW. cor. of sec. 34, 2.5 mi E. by 3.0 mi S. of Stratford, SE. corner of crossroads; at fence corner; iron post stamped "1084" (destroyed "5/52 C.K.P.")	1082.748
T. 86 N., R. 25 W., NW. corner of sec. 31, on N.-S. township line between Marion and Clear Lake Townships, 1.0 mi W. by 4.5 mi S. of Stanhope, SE. cor. of crossroads; at fence corner; iron post stamped "1033"	1031.660
T. 86 N., R. 25 W., cor. of sec. 21, 5.0 mi N. of Mackey, NW. corner of crossroads; iron post stamped "1061" (reported destroyed 5/52 C.K.P.)	1060.044
T. 86 N., R. 26 W., N. center of sec. 30, 2.5 mi S. of Stratford, S. side of rd., 55 ft W. of center of rd. at forks N., at fence corner; iron post stamped "1121"	1120.214
T. 86 N., R. 27 W., SW. cor. of sec. 15, 1.0 mi E. of Pilot Mound, NE. cor. of rd. forks N., at fence corner; iron post stamped "1121"	1120.436
T. 84 N., R. 27 W., NW. cor. of sec. 10, 4.0 mi S. by 1.0 mi E. of Pilot Mound, SE. cor. of rd. forks S., NW. corner of schoolhouse yard; iron post stamped "1119"	1118.321
T. 84 N., R. 27 W., SW. cor. of sec. 27, 0.5 mi N. by 2.0 mi E. of; on E. side of N.-S. rd. at T-rd. W.; near telephone pole; iron post stamped "1064"	1063.469
T. 83 N., R. 27 W., SE. cor. of sec. 4, 1.5 mi S. by 2.0 mi E. of Ogden, in NW. corner of T-rd. N.; SE. corner of schoolhouse yard; iron post stamped "1082"	1081.616
T. 83 N., R. 27 W., NW. cor. of sec. 22, SE. cor. of crossroads, NW. corner of schoolhouse yard, inside fence corner; iron post stamped "P T S 14 1093"	1092.280

LINE 2

NORTH ALONG NORTH PORTION OF WEST BORDER (R.L. Halcomb, 1949; Book CV 280)

OGDEN QUAD. - 152

0.3 Pilot Mound, 0.5 mi W. and 2.0 mi S. of; cor. secs. 29, 30, 31 and 32; T. 85 N., R. 27 W., 167 ft N. and 39 ft E. of crossroads; about 600 ft N. of RR. crossing; in concrete post; standard tablet stamped "TT 21 B 1948" (note: B.M. set on edge of small creek in soft ground, possibly has settled)	1080.800
0.3 Reference mark, 11 ft N. and 28 ft W. of crossroads; cor. secs. 29, 30, 31 and 32; T. 85 N., R. 27 W., in E. end of N. headwall of small concrete bridge; chiseled square	1084.57
1.3 UE, Pilot Mound, 0.5 mi W. and 1.0 mi S. of; cor. secs. 19, 20, 29 and 30, T. 85 N., R. 27 W., 240 ft N. and 18 ft E. of crossroads; on E. end of concrete culvert; chiseled square	1128.94
2.3 Pilot Mound, 0.5 mi W. of; cor. secs. 17, 19, 18 and 20; T. 85 N., R. 27 W., 265 ft N. and 42 ft E. of crossroads; in concrete post; standard tablet stamped "TT 22 B 1948"	1123.507
3.3 UE, Pilot Mound, 0.5 mi W. and 1.0 mi N. of; cor. secs. 7, 8, 17 and 18; T. 85 N., R. 27 W., 252 ft N. and 12 ft E. of crossroads; 10 ft S. and 12 ft E. of center of rd. and small bridge over creek; 25 ft above rd. level; on top of SE. wingwall; chiseled square	1111.63
4.2 Pilot Mound, 0.5 mi W. and 2.0 mi N. of; 1.0 mi S. of Co. line between Webster and Boone Counties; cor. secs. 5, 6, 7 and 8; T. 85 N., R. 27 W., 40 ft E. of center of rd. opposite E.-W. fence line; 75 ft N. of private rd. W.; on E. side of rd., in concrete post; standard tablet stamped "TT 23 B 1948"	1126.651

<u>LINE 2 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
5.4 UE, Pilot Mound, 0.5 mi W. and 3.2 mi N. of; 0.2 mi N. of So. lines of Webster and Boone Counties, 0.2 mi N. of cor. secs. 4, 5, 31 and 32; Tps. 85 and 86 N., R. 27 W., 142 ft S. of T-fence E.; 28 ft E. of center of rd. on E. end of concrete culvert; chiseled square		1122.63
6.2 Pilot Mound, 0.5 mi W. and 4.0 mi N. of; cor. secs. 29, 30, 31 and 32; T. 86 N., R. 27 W., 35 ft N. and 206 ft W. of crossroads; in concrete post; a USC&GS and State Survey tablet stamped "554"		1129.259
7.2 UE, Pilot Mound, 0.5 mi W. and 4.9 mi N. of; cor. secs. 19, 20, 29 and 30; T. 86 N., R. 27 W., 665 ft S. of Trd. W.; 24 ft E. of center of rd.; on E. end of concrete culvert; chiseled square		1127.290
7.8 Bluff Schoolhouse, 27 ft N. and 24 ft E. of quarter cor. between secs. 19 and 20, T. 86 N., R. 27 W., at crossroads; standard iron post with cap stamped "P T S 6 IOWA 1912 1130" (destroyed 8/64 H.K.)		1128.536

LINE 3

<u>SOUTH IN SOUTH CENTRAL PORTION (W.K. Mc Gurley, 1964; CV 1736)</u>	<u>BOONE QUAD. - 151</u>	
1 72 0.0 Boone at; 0.6 mi E. of Chicago & North Western RR. station, at an overhead bridge in top of N. end of the W. concrete abutment, 8.5 ft N. of N. rail of N. track; and about 1 ft lower than track; a USC&GS standard disk stamped "Q 32 1934"		1133.311
73 1.0 UE Q 32 A, at Boone, 1.0 mi S. of tablet; in center of RR. crossing at Marshall Street, (N.-S. street one block E. of State Hwy. 164) a painted square painted "UE centerline 1137.6"		1137.56
74 1.9 UE Q 32 B, 1.86 mi S. of tablet; T. 84 N., R. 26 W., near center of sec. 33, 25 ft S., 165 ft E. of New Hwy. 164 and old portion of Hwy. going E., in SW. root of E. one of two cottonwood trees, copper nail and washer; painted "UE 1131.0"		1131.01
75 2.4 UE Q 32 C, 2.40 mi S. of tablet; at Boone, in center of old State Hwy. 164 and new U.S. Hwy. 30 (4 lanes) about 333 ft E. of intersection of New Hwy. 164 and New Hwy. 30, on top of W. end of corrugated culvert; and 1.7 ft lower than center of rd. at culvert; a painted square "UE 1110.7"		1110.68 ✓
76 2.8 UE Q 32 D, 2.81 mi S. of tablet; at Boone, T. 83 N., R. 26 W., near quarter cor. between secs. 3 and 4; on top of concrete headwall and 0.9 ft higher than center of rd. at culvert; a chiseled square; painted "UE 1085.4"		1085.37
77 3.3 Reference mark, 105 ft ENE. of tablet; on SE. corner of concrete easement of well; a chiseled square; painted "RM"		1081.08
3.3 Boone, 3.0 mi S. of junction of U.S. Hwy. 30 and State Hwy. 164 in Boone, T. 83 N., R. 26 W., near E. sixteenth cor. between secs. 4 and 9; 36 ft N., 287 ft W. and 0.5 ft higher than T-rd. N.; at SW. cor. of former K.W.B.G. Radio Studios and Offices; 6 ft N. of SW. corner of yard, in top of concrete post standard tablet stamped "11 WMC 1964, 1082" painted "EM 1081.9"		1081.957
79 4.2 UE 11 WMC A, 0.7 mi W. and 0.2 mi S. of tablet; along State Hwy. 164; T. 83 N., R. 26 W., near N. sixteenth cor. between secs. 8 and 9, 3 ft S., 25 ft E. of and 1.2 ft higher than T-rd. W.; in power pole; a lag bolt; painted "UE 1081.6"		1081.57
80 5.2 Reference mark, 380 ft E. of tablet; at right angle curve in rd. from E. to N.; 30 ft E. of center of rd. at curve; in power pole; a lag bolt; painted "RM"		1056.81
5.2 Boone, 5.2 mi S. of along state Hwy. 164; T. 83 N., R. 26 W., 380 ft W. of right angle curve near N. sixteenth cor. between secs. 16 and 17; about 200 ft E. of entrance to a drive-in, 16 ft N. of center of rd., in top of N. concrete headwall a standard tablet stamped "12 WMC 1964 1056" painted "EM 1055.5"		1055.523

4
BOONE QUADRANGLE
151 - IOWA

LINE 3 (Cont'd)

BOONE QUAD. - 151

Feet

3 2 5.7 UE 12 WMC A, 0.5 mi S. of tablet; (along State Hwy. 164) T. 83 N., R. 26 W., near center of sec. 17, 40 ft N., 42 ft W. of and 5.0 ft lower than T-rd. NE.; on top of concrete headwall; a chiseled square; painted "UE 884.4" 884.42

MADRID QUAD. - 126

4 6.4 UE 12 WMC B, 0.5 mi SW. of; thence 0.7 mi SE. of tablet; T. 83 N., R. 26 W., near NW. cor. of sec. 21, in Ledges State Park; in center of middle portion formed by "Y" intersection, about 150 ft N. of a small concrete bridge; a copper nail and washer; painted "UE centerline 864.6" 864.61

LINE 4

SOUTH AT SOUTHEAST CORNER (W.K. Mc Gurley, 1964; CV 1736)

BOONE QUAD. - 151

3 46 0.0 Boone, 6.5 mi E. along the C. & N.W. RR. from the station at; 1.3 mi E. of Jordan, at bridge 585, in the W. end of the top course of the N. headwall, and 12 ft N. of N. rail of N. track a Monel metal rivet. US&GS elev. 1066.215

1.0 UE, 0.9 mi S. of rivet; Tps. 83 and 84 N., R. 25 W., near cor. secs. 3, 4, 33 and 34; 19 ft S., 31 ft W. and 3.5 ft lower than crossroads; on top of steel culvert; a painted square; painted "UE 1068.9" 1068.9

47 1.7 UE, 1.7 mi S. of rivet; Tps. 83 N., R. 25 W., cor. secs. 3, 4, 9 and 10; 39 ft S., 17 ft E. of and 2.0 ft lower than center of crossroads; on top of steel corrugated culvert; a painted square; painted "UE 1069.2" 1069.2

48 2.8 UE, 2.7 mi S. of rivet; T. 83 N., R. 25 W., near cor. secs. 9, 10, 15 and 16; 21 ft S., 24 ft E. of and 3.3 ft lower than crossroads; on top of steel corrugated culvert; a painted square; painted "UE 1092.5" 1092.5

49 3.4 Luther, 2.3 mi N., 3.0 mi E. of; T. 83 N., R. 25 W., near S. sixteenth cor. between secs. 15 and 16; 700 ft S. of a private driveway E.; on top of and in center of E. concrete headwall; and 0.7 ft higher than center of rd. at culvert; a standard tablet stamped "20 WMC 1964 1059" painted "EM 1058.9" 1058.936

50 3.4 Reference mark, 140 ft S. of tablet; on N. end of steel corrugated culvert; under field entrance E.; a painted square; painted "RM" 1057.04

MADRID QUAD. - 126

3.7 UE 20 WMC A, 0.3 mi S. of tablet; T. 83 N., R. 25 W., cor. secs. 15, 16, 21 and 22; 25 ft N., 30 ft W. and 2.4 ft lower than crossroads; on top of concrete culvert; a chiseled square; painted "UE 1061.5" 1061.49

51 4.7 UE 20 WMC B, 1.32 mi S. of tablet; T. 83 N., R. 25 W., cor. secs. 21, 22, 27 and 28; 17 ft S., 54 ft W. and 2.4 ft lower than crossroads; on top of steel corrugated culvert; a painted square; painted "UE 1062.8" 1062.8

LINE 5

SOUTH ALONG SOUTH PORTION OF WEST BORDER (W.K. Mc Gurley, 1964; CV 1736)

OGDEN QUAD. - 152

4 7 0.0 Ogden at; along the C. & N.W. RR. 11 poles E. of crossing of Minneapolis and St. Louis RR., at a rd. crossing, 50 ft E. of center of rd., 44.5 ft N. of N. rail of main track, 18.4 ft N. of the N. rail of sidetrack, and 22.6 ft SE. of a corner fence post; a US&GS standard disk stamped "K 32 1934" and set in top of a concrete post projecting 2 in. 1098.393

<u>LINE 5 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
4 7 0.9 UE K 32 A, 0.93 mi E. along U.S. Hwy. 30 from tablet; at Ogden; T. 84 N., R. 27 W., near S. sixteenth cor. between secs. 32 and 33; in center of U.S. Hwy. 30 at T-rd. S.; painted square; painted "UE centerline 1090.8"		1090.85
8 2.0 UE K 32 B, 0.9 mi E. of; along U.S. Hwy. 30 from tablet; at Ogden, thence 1.1 mi S. T. 83 N., R. 27 W., cor. secs. 4, 5, 8 and 9, 33 ft S., 33 ft W. of and 1.3 ft lower than crossroads; in power pole; a lag bolt; painted "UE 1098.0"		1098.02
9 3.0 UE K 32 C, 0.9 mi E. along U.S. Hwy. 30 from tablet; at Ogden, thence 2.1 mi S. T. 83 N., R. 27 W., cor. of sec. 8, 9, 16 and 17, 28 ft S., 31 ft E. and 2.5 ft lower than crossroads; in power pole; a lag bolt, painted "UE 1086.6"		1086.57

PERRY QUAD. - 127

10 3.9 Ogden, 3.0 mi S. and 1.0 mi E. of; T. 83 N., R. 27 W., near S. sixteenth cor. between secs. 16 and 17, 24 ft N., 27 ft E. of and 0.5 ft lower than driveway W.; 3 ft NNW. of power line pole with transformer on pole; in a concrete post; standard tablet stamped "ET 3 JA 1964 1108" painted "EM 1108.5"	1108.523
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LINE 6

NORTH THENCE WEST FROM CENTER OF QUAD. (W.K. Mc Gurley, 1964; CV 1736)

BOONE QUAD. - 151

4 38 0.0 USC&GS "Q 32 1934" (described in Line 3)	1133.311
0.9 UE Q 32 E, 0.9 mi N. of tablet; at Boone, T. 84 N., R. 26 W., cor. secs. 15, 16, 21 and 22; 34 ft S., 17 ft W. of and 0.9 ft lower than center of Co. hwy. "A" (E.-W.) and Co. Hwy. "B" N. and Street S. to Boone (crossroads) on top of concrete curb of street; a chiseled square; painted "UE 1140.3"	1140.28
39 2.1 UE Q 32 F, 2.0 mi N. of tablet; at Boone along Co. hwy. "B", T. 84 N., R. 26 W., near S. sixteenth cor. between secs. 9 and 10, in center of hwy. at driveway E.; painted square; painted "UE centerline 1137.2"	1137.22
40 3.0 Reference mark, 570 ft SSE. of tablet; 15 ft N., 200 ft E. of crossroads; on top of steel corrugated culvert; a painted square; painted "RM"	1131.78
3.0 Boone, 3.25 mi N., 0.5 mi E. of; T. 84 N., R. 26 W., cor. secs. 3, 4, 9 and 10; 507 ft N., 38 ft E. of and 1.1 ft lower than crossroads; in top of concrete post; standard tablet stamped "32 WMC 1964 1136" painted "EM 1135.8"	1135.744
41 4.0 UE 32 WMC A, 1.0 mi N. of tablet; Tps. 84 and 85 N., R. 26 W., cor. secs. 3, 4, 33 and 34; 21 ft S., 42 ft W. of and 2.3 ft lower than crossroads; on top of concrete culvert; a chiseled square; painted "UE 1130.7"	1130.69
42 4.6 UE 32 WMC B, 1.5 mi N. of tablet; T. 85 N., R. 26 W., near quarter cor. between secs. 33 and 34; in center of crossroads; copper nail and washer; painted "UE centerline 1141.3"	1141.25
43 5.0 Boone, 5.2 mi N. and 0.5 mi E. of; T. 85 N., R. 26 W., near NE. cor. sec. 33, 577 ft S. and 38 ft W. of center of rd. at E.-W. fence; 56 ft N. of a powerline pole; and 3 ft E. of W. right-of-way fence; 1.5 ft lower than center of rd. opposite B.M. in a concrete post; standard tablet stamped "ET 5 JA 1964 1078" painted "EM 1178.5"	1178.525
45 5.0 Reference mark, 940 ft N. of tablet; 18 ft W. of center of rd. on top of concrete headwall; a chiseled square; painted "RM"	1173.45
6.1 UE 5 JA A, 1.1 mi N. of tablet; T. 85 N., R. 26 W., near cor. secs. 21, 22, 27 and 28, 21 ft N., 43 ft W. of and 2.6 ft lower than crossroads; on top of round concrete culvert; a chiseled square; painted "UE 1166.1"	1166.06

BOONE QUADRANGLE
151 - IOWA

LINE 6 (Cont'd)

BOONE QUAD. - 151

FEET

- 4 46 7.1 UE 5 JA B, 2.12 mi N. of tablet; T. 85 N., R. 26 W., near cor. secs. 15, 16, 21 and 22; 21 ft S., 47 ft W. of and 2.8 ft lower than crossroads; on top of round concrete culvert; a chiseled square painted "UE 1136.8" 1136.74
- 47 8.1 UE 5 JA C, 3.13 mi N. of tablet; T. 85 N., R. 26 W., cor. secs. 9, 10, 15 and 16, in center of crossroads; copper nail and washer painted "UE centerline 1165.8" 1165.73
- 48 8.4 Reference mark, 150 ft SSW. of tablet, on N. end of round concrete culvert at field entrance W.; a chiseled square painted "RM" 1201.40
- 8.4 Boone, 8.5 mi N. and 0.25 mi E. of; T. 85 N., R. 26 W., near S. sixteenth cor. between secs. 9 and 10; on top of hill; 150 ft N., 37 ft E. of and 2.2 ft lower than center of rd. at T-fence W.; 75 ft N. and 37 ft E. of field entrance W., 3.3 ft lower than center of rd. opposite; in top of concrete post; standard tablet stamped "33 WMC 1964 1202" painted "RM 1201.7" 1201.708
- 49 9.1 Boone, 9.25 mi N. and 0.25 mi E. of; T. 85 N., R. 26 W., near cor. secs. 3, 4, 9 and 10, 38 ft S., 42 ft W. of and 2.5 ft lower than crossroads; on top of iron pipe; standard tablet stamped "1138" painted "RM 1137.3" Elev. by U.S.G.S. 1137.230
- 50 10.1 UE 33 WMC A; 1.71 mi N. of tablet, Tps. 85 and 86 N., R. 26 W., cor. secs. 3, 4, 33 and 34; 22 ft S., 34 ft W. of and 1.3 ft lower than crossroads; on top of steel corrugated culvert; a painted square painted "UE 1108.1" 1108.11
- 52 11.1 UE 33 WMC B; 2.72 mi N. of tablet, T. 86 N., R. 26 W., near cor. secs. 26, 27, 34 and 35; 45 ft N., 23 ft W. of and 2.5 ft lower than crossroads; on top of round concrete culvert; a chiseled square painted "UE 1083.2" 1083.18
- 53 12.1 UE 33 WMC C; 3.71 mi N. of tablet, T. 86 N., R. 26 W., near cor. secs. 21, 22, 27 and 28; in center of rd. at driveway E.; copper nail and washer; painted "UE 1074.7" 1074.70
- 54 12.8 Reference mark, 230 ft SSW. of tablet; on N. side of power line pole; a lag bolt; painted "RM" 1080.43
- 12.8 Stanhope, 2.7 mi S. and 4.0 mi W. of; T. 86 N., R. 26 W., near N. sixteenth cor. between secs. 21 and 22; 487 ft S. and 38 ft E. of center of rd. at fence line W.; 2.8 ft lower than center of rd. opposite, 3 ft W. of telephone pole and E. right-of-way fence line; in concrete post; standard tablet stamped "ET 6 JA 1964 1080" painted "RM 1080.1" 1080.029
- 55 13.1 UE 6 JA A, 0.35 mi N. of tablet, T. 86 N., R. 26 W., near cor. secs. 15, 16, 21 and 22, 23 ft S., 25 ft W. and 1.8 ft lower than crossroads; on top of concrete head wall; a chiseled square painted "UE 1082.1" 1082.07
- 56 14.1 UE 6 JA B; 0.35 mi N. thence 1.0 mi W. of tablet, T. 86 N., R. 26 W., near cor. secs. 16, 17, 20 and 21; 30 ft N., 11 ft W. of and 4.2 ft lower than center of rd. at T-rd. S.; on top of round concrete culvert under driveway N.; a chiseled square painted "UE 1085.2" 1085.11
- 57 15.1 UE 6 JA C; 0.35 mi N. thence 1.96 mi W. of tablet; T. 86 N., R. 26 W., near cor. secs. 17, 18, 19 and 20; 36 ft S., 17 ft W. of and 1.6 ft lower than driveway S., in NW. side of power pole; lag bolt painted "UE 1111.2" 1111.12
- 59 15.6 UE JA D; 0.35 mi N. thence 2.5 mi W. of tablet; T. 86 N., R. 26 W., quarter cor. between secs. 18 and 19; in center of crossroads; a copper nail and washer; painted "UE centerline 1107.3" 1107.16
- 60 16.3 Stratford, 1.0 mi S. and 0.75 mi W. of; T. 86 N., R. 27 W., near E. sixteenth cor. between secs. 13 and 24; 31 ft N., 161 ft W. of and 0.9 ft higher than N.-S. fence line; 2 ft NW. of second power line pole W. of a farmhouse; 1 ft S. of N. right-of-way fence in top of concrete post; standard tablet stamped "34 WMC 1964 1129" painted "RM 1129.2" 1129.116

<u>LINE 6 (Cont'd)</u>		<u>BOONE QUAD. - 151</u>	<u>Feet</u>
4 61 16.3	Reference mark, 645 ft W. of tablet; 32 ft N. and 16 ft E. of center of rd. at driveway N.; in power pole a lag bolt; painted "RM"		1127.94
17.5	UE 34 WMC A, 1.2 mi W. of tablet; T. 86 N., R. 27 W., near quarter cor. between secs. 14 and 23; in center of crossroads; a copper nail and washer; painted "UE centerline 1113.7"		1113.54
62 18.8	UE 34 WMC B, 2.4 mi W. of tablet; T. 86 N., R. 27 W., near W. sixteenth cor. between secs. 15 and 22; in center of State Hwy. 175 at T-rd. S.; copper nail and washer; painted "UE centerline 1109.5"		1109.39
63 19.3	Stratford, 1.0 mi S. and 3.7 mi W. of; T. 86 N., R. 27 W., near quarter cor. between secs. 16 and 21; at NE. corner of bridge over Des Moines River; in top of NE. wingwall and 0.9 ft higher than center of rd. at E. end of bridge; a standard tablet stamped "35 WMC 1964 955" painted "EM 955.1"		954.927
64 19.6	Referencemark, 20 ft S. of tablet; on top of concrete curb at SE. corner of bridge; over Des Moines River; a chiseled square; painted "RM"		954.71
19.6	UE 35 WMC A, 0.2 mi W. of tablet; T. 86 N., R. 27 W., near quarter cor. between secs. 16 and 21; in center of crossroads; copper nail and washer; painted "UE centerline 937.8"		937.60

OGDEN QUAD. - 152

65 20.1	UE 35 WMC B, 0.72 mi W. of tablet; T. 86 N., R. 27 W., near N. sixteenth cor. between secs. 20 and 21; in center of hwy. at field entrance SE., copper nail and washer; painted "UE centerline 1110.8"	1110.67
67 21.3	UE 35 WMC C, 1.88 mi W. of tablet; T. 86 N., R. 27 W., near quarter cor. between secs. 19 and 20; 77 ft N., 22 ft E. and 3.9 ft lower than crossroads; on top of round concrete culvert; a chiseled square; painted "UE 1129.7"	1129.47
68 21.9	UE Pilot Mound, 0.5 mi W. and 4.9 mi N. of; cor. secs. 19, 20, 29 and 30; T. 86 N., R. 27 W., 665 ft S. of T-rd. W.; 24 ft E. of center of rd., on E. end of concrete culvert; chiseled square	1127.290

LINE 7

<u>SOUTH ALONG WEST BORDER (W.K. Mc Guxley, 1964; CV 1736)</u>		<u>OGDEN QUAD. - 152</u>
4 71 0.0	Pilot Mound, 2.1 mi S., 0.5 mi W. of; T. 85 N., R. 27 W., in NW $\frac{1}{4}$ sec. 32, 404 ft SE. along Ft. Dodge, Des Moines, and Southern RR. from rd. crossing (Co. Hwy. "M") thence 46 ft NE. of center of track; in line with row of steel grain bins, 23 ft W. of a fence corner and 6 ft S. of fence line; in top of concrete post; standard (USGS&GS) disk stamped "G 3 1930"	1086.530
0.9	UE G 3 A, 0.9 mi S. of tablet; Tps. 84 and 85 N., R. 27 W., cor. secs. 5, 6, 31 and 32; in center of Co. Hwy. "M" at T-rd. W.; copper nail and washer; painted "UE centerline 1111.8"	1111.76
72 2.0	UE G 3 B, 1.95 mi S. of tablet; T. 84 N., R. 27 W., cor. secs. 5, 6, 7 and 8; 42 ft N., 39 ft W. and 0.6 ft lower than crossroads; in power pole; a lag bolt painted "UE 1117.0"	1117.01
74 2.9	Pilot Mound, 5.0 mi S. and 0.5 mi W. of; Ogden 3.7 mi N. of; T. 84 N., R. 27 W., cor. secs. 7, 8, 17 and 18; 60 ft N., 38 ft E. and 1.2 ft lower than T-rd. W.; in top of concrete post; standard tablet stamped "36 WMC 1964" painted "EM 1130.3"	1130.258
75 2.9	Reference mark, 120 ft SSW. of tablet; 31 ft S. and 40 ft W. of T-rd. W.; in power pole; a lag bolt; painted "RM"	1130.49
3.9	UE 36 WMC A, 0.98 mi S. of tablet; T. 84 N., R. 27 W., cor. secs. 17, 18, 19 and 20; 200 ft N., 22 ft W. of and 2.8 ft lower than crossroads; on top of steel corrugated culvert; a painted square; painted "UE 1117.2"	1117.20

LINE 7 (Cont'd)OGDEN QUAD. - 152Feet

- 4 76 4.6 UE 36 WMC B, 1.65 mi S. of tablet; T. 84 N., R. 27 W., cor. secs. 19, 20, 29 and 30; 32 ft S., 50 ft E. and 0.6 ft lower than crossroads; in W. side of power pole; a lag bolt; painted "UE 1101.4" 1101.32
- 77 5.6 UE 36 WMC C, 2.66 mi S. of tablet; T. 84 N., R. 27 W., near cor. secs. 29, 30, 31 and 32; 24 ft S., 44 ft E. and 1.9 ft lower than T-rd. E.; on top of steel corrugated culvert; painted square; painted "UE 1091.5" 1091.47
- 78 6.2 Ogden, at; about 100 yards N. of main street, at the crossing of abandoned Minneapolis and St. Louis RR. and the C. & NW. RR., 26 ft W. of center of M. & St. L. RR. tracks; and 32 ft N. of center of C. & NW. RR. N. track; a USC&GS standard disk stamped "L 3 1930" set in top of concrete post
(NOTE: 1964: 39 ft N., 43 ft W. of and 1.5 ft lower than center of rd. between double tracks crossing street) 1098.203

LINE 8

NORTH ALONG EAST BORDER, THENCE WEST ALONG NORTH BORDER (W.K. Mc Curley, 1964; CV 1736)

BOONE QUAD. - 151

- 5 2 0.0 "RV 585" (described in Line 4) 1066.215
- 0.4 UE, 0.45 mi N. of rivet; T. 84 N., R. 25 W., near cor. secs. 27, 28, 33 and 34, 34 ft N., 17 ft E. of center of 1.3 ft lower than crossroads; on top of concrete headwall; a chiseled square; painted "UE 1042.5" 1042.47
- 3 1.0 UE, 0.95 mi N. of Monel Rivet; T. 84 N., R. 25 W., quarter cor. between secs. 27 and 28; in center of N.-S. rd. at T-rd. W.; ground elev. painted "UE centerline 1072.1" 1072.05
- 4 1.4 UE, 1.45 mi N. of rivet; T. 84 N., R. 25 W., cor. secs. 21, 22, 27 and 28; 32 ft N., 18 ft E. of and 3.7 ft lower than T-rd. E.; on top of concrete headwall a chiseled square; painted "UE 1045.7" 1045.64
- 5 2.0 UE, 1.95 mi N. of rivet; T. 84 N., R. 25 W., quarter cor. between secs. 21 and 22; in center of crossroads; ground elev. painted "UE centerline 1061.8" 1061.75
- 6 2.4 Reference mark, 310 ft SSE. of tablet; 33 ft E. of center of rd. in power pole; a lag bolt; painted "RM" 1059.09
- 2.4 Jordan, 2.0 mi N. and 1.0 mi E. of; T. 84 N., R. 25 W., near cor. secs. 15, 16 21 and 22; 38 ft N., 34 ft W. of and 0.8 ft lower than crossroads; 3 ft NNE. of a power pole; in top of concrete post; standard tablet stamped "ET 8 JA 1964" painted "EM 1064.2" 1064.123
- 7 3.4 UE 8 JA A, 0.9 mi N. of tablet; T. 84 N., R. 25 W., near cor. secs. 9, 10, 15 and 16; 510 ft S., 23 ft W. of and 6.4 ft lower than crossroads; 5.3 ft lower than center of rd. at culvert; on top of concrete headwall; a chiseled square; painted "UE 1041.9" 1041.90
- 8 4.4 UE 8 JA B, 2.0 mi N. of tablet; T. 84 N., R. 25 W., cor. secs. 3, 4, 9 and 10; 44 ft S., 35 ft W. of and 0.4 ft higher than T-rd. S.; in power pole; a lag bolt; painted "UE 1032.5" 1032.49
- 9 5.6 Zenersville, 0.1 mi W. thence 1.06 mi N. along winding rd., T. 84 N., R. 25 W., in NW $\frac{1}{4}$ sec. 3, at low place in rd., 23 ft SE. of center of rd. and 6.4 ft lower than center of rd. at culvert; in top of SE. wingwall of culvert; a standard tablet stamped "37 WMC 1964 979" painted "EM 978.8" 978.735
- 11 5.6 Reference mark, 68 ft NE. of tablet; on NE. concrete headwall of culvert; a chiseled square; painted "RM" 976.25

<u>LINE 8 (Cont'd)</u>	<u>BOONE QUAD. - 151</u>	<u>Feet</u>
5 11 5.9 UE 37 WMC A, 0.3 mi N. of tablet; in NW sixteenth cor. of sec. 3, T. 84 N., R. 25 W., 48 ft S., 32 ft E. of and 0.1 ft lower than Y-intersection; in power pole; a lag bolt; painted "UE 1006.2"		1006.15
12 6.8 UE 37 WMC B, 0.3 mi N. thence 0.9 mi W. and N. of tablet; T. 85 N., R. 25 W., near quarter cor. between secs. 33 and 34; on top of and near center of E. concrete guard rail of bridge; 1.8 ft higher than center of bridge; a chiseled square; painted "UE 977.7"		977.59
13 7.2 UE 37 WMC C, 0.3 mi N. thence 1.3 mi NW. and N. of tablet; T. 85 N., R. 25 W., cor. secs. 27, 28, 33 and 34; 28 ft S., 22 ft W. of and 4.0 ft lower than crossroads; on top of round concrete culvert; a chiseled square; painted "UE 1008.4"		1008.27
14 8.2 UE 37 WMC D, 0.3 mi N. thence 2.3 mi W. and N. from tablet; T. 85 N., R. 25 W., cor. secs. 21, 22, 27 and 28; 33 ft N., 42 ft W. of and 2.4 ft lower than crossroads; in power pole; a lag bolt; painted "UE 1026.3"		1026.16
15 8.6 Mackey, 0.62 mi S. of; T. 85 N., R. 25 W., about 700 ft S. of quarter cor. between secs. 21 and 22; 57 ft N., 27 ft W. of and 6.6 ft lower than center of rd. at T-drive E., in top of E. concrete headwall of culvert; standard tablet stamped "38 WMC 1964 1006" painted "EM 1005.7"		1005.576
16 8.6 Reference mark, 315 ft N. of tablet; and 32 ft E. of center of rd., in telephone pole; a lag bolt; painted "RM"		1011.84
9.2 UE, 38 WMC A, 0.6 mi N. of tablet; T. 85 N., R. 25 W., cor. secs. 15, 16, 21 and 22; in center of crossroads; a chiseled square; painted "UE centerline 1008.0"		1007.88
17 10.2 UE 38 WMC B, 1.6 mi N. of tablet; T. 85 N., R. 25 W., near cor. secs. 9, 10, 15 and 16; 10 ft S., 84 ft E. of and 0.8 ft higher than center of rd. at T-rd. SE. thence S. on top of and in center of S. concrete curb of bridge over Squaw Creek; a chiseled square; painted "UE 982.7" Water 971.3		982.53
19 11.3 UE 38 WMC C, 2.66 mi N. of tablet; T. 85 N., R. 25 W., near cor. secs. 3, 4, 9 and 10; 22 ft N., 21 ft E. of and 2.7 ft lower than crossroads; on top of steel corrugated culvert; a painted square; painted "UE 1025.6"		1025.45
20 12.2 Reference mark, 265 ft S. of tablet; 34 ft W. of center of rd., in power pole; a lag bolt; painted "RM"		1028.31
12.2 Stanhope, 5.5 mi S., 2.0 mi E. of; Tps. 85 and 86 N., R. 25 W., near cor. secs. 3, 4, 33 and 34; 40 ft N., 34 ft W. of and 2.5 ft lower than crossroads; 2.0 ft N. of a power pole; in top of a concrete post; standard tablet stamped "39 WMC 1964 1028.2"		1027.994
21 13.2 UE 39 WMC A, 1.0 mi N. of tablet; T. 86 N., R. 25 W., near cor. secs. 27, 28, 33 and 34; 16 ft S., 130 ft E. of and 1.1 ft lower than crossroads; on top of concrete headwall; a chiseled square; painted "UE 1038.9"		1038.73
22 14.2 UE 39 WMC B, 2.0 mi N. of tablet; T. 86 N., R. 25 W., near cor. secs. 21, 22, 27 and 28, 26 ft S., 30 ft W. of and 3.4 ft lower than crossroads; on top of round concrete culvert; a chiseled square; painted "UE 1061.5"		1061.30
23 15.2 Stanhope, 2.5 mi S. and 2.0 mi E. of; T. 86 N., R. 25 W., near cor. secs. 15, 16, 21 and 22; 209 ft S., 30 ft E. of and 1.1 ft higher than center of crossroads; in top of concrete post; a standard tablet stamped "40 WMC 1964 1096" painted "EM 1095.5"		1095.308
26 15.2 Reference mark, 190 ft NNW. of tablet; in SW. cor. of crossroads; in power pole; a lag bolt; painted "RM"		1092.16

10
BOONE QUADRANGLE
151 - IOWA

LINE 8 (Cont'd)

BOONE QUAD. - 151

Feet

- 5 26 16.1 UE 40 WMC A, 0.9 mi W. of tablet; T. 86 N., R. 25 W., near W. sixteenth cor. between secs. 16 and 21; 35 ft S., 18 ft E. of and 0.7 ft lower than center of rd. at drive S.; in power pole; a lag bolt; painted "UE 1111.2" 1110.98
- 27 17.3 UE 40 WMC B, 2.06 mi W. of tablet; T. 86 N., R. 25 W., near cor. secs. 17, 18, 19 and 20; 225 ft S., 15 ft W. of and 0.7 ft higher than crossroads; on top of concrete headwall and curb; a chiseled square; painted "UE 1055.6" 1055.35
- 28 18.4 Stanhope, 2.5 mi S., 1.0 mi W. of; T. 86 N., R. 26 W., 715 ft W., of SE. cor. sec. 13; 15 ft N., of center of rd., in NE. wingwall of concrete bridge and 2.3 ft higher than center of bridge; a standard tablet stamped "41 WMC 1964 1048" painted "EM 1047.9" 1047.708
- 29 18.4 Reference mark, 205 ft WNW. of tablet; 27 ft N. and 14 ft W. of driveway N. to barn, on top of round concrete culvert; chiseled square; painted "RM" 1045.53
- 19.4 UE 41 WMC A, 0.98 mi W. of tablet; T. 86 N., R. 26 W., 592 ft W. of cor. secs. 13, 14, 23 and 24; 27 ft N. of center of rd. and 0.8 ft higher than crossroads; on E. end of round concrete culvert under field entrance N.; a chiseled square; painted "UE 1062.5" 1062.21
- 30 20.3 UE 41 WMC B, 1.88 mi W. of tablet; T. 86 N., R. 26 W., near cor. secs. 14, 15, 22 and 23; 35 ft N., 35 ft W. of and 1.0 ft lower than crossroads; in power pole; a lag bolt; painted "UE 1086.5" 1086.28
- 31 21.3 "UE 6 JA A" (described in Line 6) 1082.07

LINE 9

NORTH NEAR CENTER OF QUAD. LINE LEVELED TWICE (W.K. Mc Curley, 1964; CV 1736)

- 5 34 0.0 Boone, 1.6 mi W. along the Chicago and North Western RR. from station at; at culvert B 605; in the W. end of the N. stone headwall; and 12 ft N. of N. rail of the N. track. a standard monel metal rivet. US&GS elev. 1096.487
- 0.4 UE RV B 605 A, T. 84 N., R. 26 W., in SE. cor. of sec. 19, in center of Co. Hwy. "H" at T-rd. SE.; copper nail and washer; painted UE centerline 1097.8 1097.84
- 35 0.7 UE, RV B 605 B, T. 84 N., R. 26 W., about 0.2 mi N. of quarter cor. between secs. 19 and 30; in center of E.-W. rd. at sharp curve in Co. Hwy. "H" from E. to N., painted square; painted "UE centerline 1091.9" 1091.9
- 36 1.7 UE RV B 605 C, T. 84 N., R. 26 W., near quarter cor. between secs. 16 and 19; at curve where Co. Hwy. "H" makes a curve from N. to NW.; in center of hwy. at private rd. N.; copper nail and washer; painted "UE centerline 1097.2" 1097.20
- 38 2.3 UE RV B 605 D, T. 84 N., R. 27 W., in SE. sec. 13, about 600 ft E. of E. end of bridge over Des Moines River; on Co. Hwy. "H" in center of hwy. at T-rd. S. leading to Boone Pump station, a copper nail and washer; painted "UE 900.8" 900.76
- 39 2.6 Reference mark 5, a 1/2-in. galvanized bolt driven horizontally into shoreward side of 18-in. oak tree; 40 ft upstream and slightly landward, (elev. 8.328 ft gage datum, 7/14/58) 880.47
- 2.6 Reference mark 3, a chiseled square on downstream side near streamward corner of outlet block on which a section of the outside gage is attached, 75 ft landward and slightly downstream from gage house. (elev. 12.182 ft. gage datum 7/14/58) 884.39

LINE 10

Feet

WEST ALONG EAST PORTION OF SOUTH BORDER (W.K. Mc Curley, 1964; CV 1736)

NOTE: Levelled by Fourth Order Methods; No bench marks established. Not shown on diagram.

MADRID QUAD. - 126

2 32 0.0	"UE 20 WMC A" (described in Line 4)	1061.49
1.0	UE, T. 83 N., R. 25 W., cor. secs. 20, 21, 28 and 29; in center of crossroads; ground elev.	1093.0
33 2.0	UE T. 83 N., R. 25 W., cor. secs. 17, 18, 19 and 20; in center of crossroads; ground elev.	1112.0
35 3.0	UE, T. 83 N., Rs. 25 and 26 W., cor. secs. 13, 18, 19 and 24; in center of State Hwy. 60 and E.-W. rds.; painted square; ground elev.	1106.2
36 4.0	UE, T. 83 N., R. 26 W., cor. secs. 13, 14, 23 and 24; in center of rd. at T-rd. N.; painted square; ground elev.	1135.2
37 4.7	UE, T. 83 N., R. 26 W., W. sixteenth cor. between secs. 14 and 23; in center of crossroads; painted square; ground elev.	1122.7
38 5.0	UE T. 83 N., R. 26 W., cor. secs. 14, 15, 22 and 23; in center of rd. at T-rd. S.; painted square; ground elev.	1102.9
5.8	UE 12 WMC D, at E. entrance to Ledges, State Park; at E. entrance to Park; at W. end of Co. Hwy. "K" T. 83 N., R. 26 W., cor. secs. 15, 16, 21 and 22; in center of blacktop rd. at T-rd. S.; a copper nail and washer; painted "UE centerline 1094.4"	1094.42

LINE 11

EAST ALONG WEST PORTION OF SOUTH BORDER (W.K. Mc Curley, 1964; CV 1736)

NOTE: Levelled by Fourth Order Methods; No bench marks established. Not shown on diagram

PERRY QUAD. - 127

2 40 0.0	"ET 3 JA" (described in Line 5)	1108.523
1.0	UE, T. 83 N., R. 27 W., cor. secs. 15, 16, 21 and 22; center of crossroads; ground elev.	1094.1
41 1.9	UE, T. 83 N., R. 27 W., cor. secs. 14, 15, 22 and 23; E.-W. rd. at T-rd. S.; ground elev.	1079.2
42 2.3	UE, T. 83 N., R. 27 W., about 0.1 mi. E. of quarter cor. between secs. 14 and 23; in center of Co. Hwy. "W", at E.-W. rds.; painted square; ground elev.	1081.3
43 3.1	UE, T. 83 N., R. 27 W., near quarter cor. between secs. 13 and 24; in center of E.-W. Rd. at T-rd. N.; ground elev.	1070.8
44 3.7	UE, T. 83 N., Rs. 26 and 27 W., near N. sixteenth cor. between secs. 19 and 24, in center of N.-S. rd. at T-rd. E.; ground elev.	1055.7
46 5.4	UE, T. 83 N., R. 26 W., in NE ¹ sec. 20, in center of N.-S. rd. at T-rd. W.; ground elev.	885.4
47 5.8	UE, 12 WMC B" (described in Line 3)	864.61

12
BOONE QUADRANGLE
151 - IOWA

LINE 12

Feet

WEST THRU CENTER OF EAST HALF OF QUAD. (W.K. Mc Curley, 1964; CV 1736)

NOTE: Levelled by Fourth Order Methods. No bench marks established. Not shown on diagram

BOONE QUAD. - 151

2 49 0.0	"UE 37 WMC C" (described in Line 8)	1008.27
0.9	T. 85 N., R. 25 W., cor. secs. 28, 29, 32 and 33; in center of crossroads; ground elev.	1040.4
50 1.8	UE, T. 85 N., R. 25 W., cor. secs. 29, 30, 31 and 32; in center of crossroads; painted square; ground elev.	1065.1
51 2.7	UE, T. 85 N., Rs. 25 and 26 W., cor. secs. 25, 30, 31 and 36; in center of rd. at T-rd. S.; ground elev.	1067.7
52 3.7	T. 85 N., R. 26 W., near cor. secs. 25, 26, 35 and 36; 17 ft N., 47 ft E. of and 3.3 ft lower than crossroads; on top of steel corrugated culvert; painted square	1113.3
53 4.6	T. 85 N., R. 26 W., near cor. secs. 26, 27, 34 and 35, in center of rd. at T-rd. E.; ground elev.	1160.0
54 5.0	UE, T. 85 N., R. 26 W., near quarter cor. between secs. 34 and 35; in center of rd. at T-rd. W.; ground elev.	1124.5
55 5.9	"UE 6 JA B" (described in Line 6)	1141.25

LINE 13

WEST THRU CENTER OF WEST HALF OF QUAD. (W.K. Mc Curley, 1964; CV 1736)

NOTE: Levelled by Fourth Order Methods. No bench marks established. Not shown on diagram.

BOONE QUAD. - 151

2 56 0.0	"UE 32 WMC B" (described in Line 6)	1141.25
1.1	UE, T. 85 N., R. 26 W., 0.1 mi W. of quarter cor. between secs. 32 and 33; in center of crossroads; painted square; ground elev. Co. Hwy. "T" and E.-W. rd.	1160.5
57 2.2	T. 85 N., R. 26 W., near center of sec. 31, in center of rd. at T-rd. N.; ground elev.	1144.2
59 3.1	T. 85 N., R. 27 W., near center of sec. 36; at foot of steep hill; in center of rd. at T-rd. SE.; ground elev.	921.4
61 4.6	UE, T. 85 N., R. 27 W., quarter cor. between secs. 34 and 35; painted square; in center of N.-S. rd. at T-rd. E.; and street W.; ground elev.	1013.0
62 5.2	UE, T. 84 N., R. 27 W., near N. sixteenth cor. between secs. 2 and 3; in center of Co. Hwy. "X" and T-rd. NW.; painted square; ground elev.	909.9
63 6.4	UE, T. 85 N., R. 27 W., near W. sixteenth cor. between secs. 27 and 34; in N.-S. rd. at S. point of Y-intersection W.; ground elev.	915.5
65 7.5	UE, T. 85 N., R. 27 W., cor. secs. 28, 29, 32 and 33; center of crossroads; ground elev.	1123.7

OGDEN QUAD. - 152

66 8.9	USC&GS "G 3 1930" (described in Line 2)	1086.530
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LINE 14

Feet

SOUTH IN NORTHWEST PORTION OF QUAD. (W.K. Mc Curley, 1964; GV 1770)

WEBSTER CITY QUAD. - 176

3 43 15.8	UE 29 WMC B, 2.0 mi S. of tablet; T. 86 N., R. 27 W., near SE. cor. of sec. 9, 15 ft SE. (in line with rd. NW.) of center of NE., SW. rd., in top of wooden piling with 4 x 12 board guard rail; a copper nail and washer; painted "UE 974.0"	973.96
45 17.2	UE 29 WMC C, 3.34 mi S. of tablet; T. 86 N., R. 27 W., near center of S. $\frac{1}{2}$ sec. 16, 84 ft S. of T-rd. NW.; 10 ft E. of center of bridge and 0.6 ft higher than; on top of E. concrete curb of bridge; a chiseled square; painted "UE 918.4"	918.32

BOONE QUAD. - 151

46 17.7	"35 WMC 1964" (described in Line 6)	954.927
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