

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

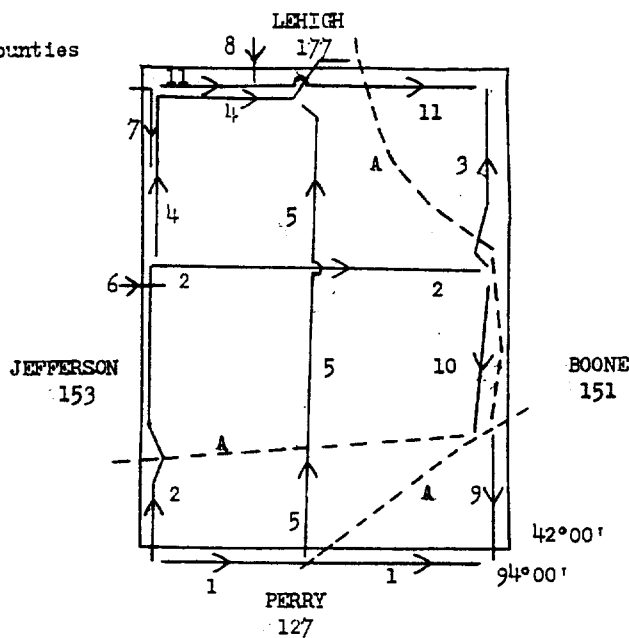
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OGDEN QUADRANGLE
152 - IOWA
N4200-W9400/15
DIAGRAM NK 15-14
FT. DODGE, IOWA

Webster, Green and Boone Counties

Edition of 1/12/65

PR: MLC:vdc



USC&GS LEVELING
A. No. 420942

LINE 1

Feet

EAST ALONG SOUTH BORDER (R.J. George, 1948; CV 191)

PERRY QUAD. - 127

- | | | |
|------|--|----------|
| 8.0 | Grand Junction, 2.7 mi S. of; 2.0 mi S. of junction of U.S. Hwy. 30 and State 144; near cor. secs. 17, 16, 20 and 21; T. 83 N., R. 29 W., 36 ft S. and 54 ft W. of crossroads; in concrete post; standard tablet stamped "TT 4 B 1948" | 1064.899 |
| 8.0 | Reference mark, 30 ft N. and 54 ft E. of crossroads; near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 29 W., in S. side of power line pole; rail spike | 1066.4 |
| 8.3 | UE, T. 83 N., R. 29 W., near quarter cor. between secs 16 and 21; on E. rail at center of rd. of Minneapolis and St. Louis RR. | 1059.4 |
| 8.5 | Ripsey, 4.0 mi N. and 1.5 mi W. from; near quarter cor. between secs. 16 and 21; T. 83 N., R. 29 W., 27 ft N and 12 ft E. from center of rd. and fence line N.-S.; in S. side of telephone pole; rail spike | 1057.2 |
| 9.0 | Ripsey, 4.0 mi N. and 1.0 mi W. from, near cor. secs. 15, 16, 21 and 22; T. 83 N., R. 29 W., 27 ft N. and 24 ft E. from crossroads; in S. side of power line pole; rail spike | 1049.2 |
| 9.5 | Ripsey, 4.0 mi N. and 0.5 mi W. from; near quarter cor. between secs. 15 and 22; T. 83 N., R. 29 W., 27 ft N. and 24 ft E. from center of rd. and N.-S. fence line; in N. side of power line pole; rail spike | 1048.5 |
| 10.0 | Ripsey, 4.0 mi N. of; 2.0 mi E. and 2.5 mi S. of Grand Junction, near cor. secs. 14, 15, 22 and 23; T. 83 N., R. 29 W., 330 ft E. of crossroads; 27 ft N. of rd. in concrete post; standard tablet stamped "TT 12 B 1948" | 1040.754 |
| 10.0 | Reference mark, 27 ft S. and 27 ft E. from crossroads, near cor. secs. 14, 15, 22 and 23, T. 83 N., R. 29 W., a rod set in concrete right-of-way marker | 1040.01 |

152A

OGDEN QUADRANGLE
152 - IOWA

LINE 1 (Cont'd)	PERRY QUAD. - 127	Feet
10.5 Rippey, 4.0 mi N. and 0.5 mi E. from; near quarter cor. between secs. 14 and 23; T. 83 N., R. 29 W., 24 ft N. and 30 ft E. from center of rd. and fence line N.-S.; in S. side of telephone pole; rail spike		1044.1
11.0 Rippey, 4.0 mi N. and 1.0 mi E. from; near cor. secs. 13, 14, 23 and 24; T. 83 N., R. 29 W., 35 ft S. and 30 ft E. from crossroads; in N. side of power line pole; rail spike		1045.1
11.5 Rippey, 4.0 mi N. and 1.5 mi E. from; near quarter cor. between secs. 13 and 24; T. 83 N., R. 29 W., 27 ft S. and 69 ft E. from center of rd. and N.-S. fence line; in N. side of power line pole; rail spike		1048.7
12.0 Rippey, 4.0 mi N. and 2.0 mi E. from; 2.0 mi S and 4.0 mi E. from Grand Junction, near cor. secs. 13, 18, 19 and 24; T. 83 N., Rs. 28 and 29 W., 27 ft N. and 157 ft E. from crossroads; N.-S. rd. on Co. line between Boone and Greene Counties, in concrete post; standard tablet stamped "TT 13 B 1948"		1059.136
12.0 Reference mark, 30 ft S. and 30 ft W. from crossroads; near cor. secs. 13, 18, 19 and 24; T. 83 N., Rs. 28 and 29 W., in S. side of powerline pole; rail spike		1057.5
12.5 Rippey, 4.0 mi N. and 2.5 mi E. from; near cor. secs. 18 and 19; T. 83 N., R. 28 W., 33 ft N. and 8 ft W. from fence line corner; on N. side of rd., on large boulder; chiseled square		1041.15
13.0 Berkley, 3.0 mi N. and 1.5 mi W. from, near cor. secs. 17, 18, 19 and 20; T. 83 N., R. 28 W., 30 ft S. and 30 ft E. from crossroads; in S. side of power line pole; rail spike		1022.1
13.5 Berkley, 3.0 mi N. and 1.0 mi W. from; near quarter cor. between secs. 17 and 20, T. 83 N., R. 28 W., 30 ft S. and 60 ft W. from fence S., in S. side of power line pole; rail spike		998.9
14.0 Beaver, 3.0 mi S. and 1.0 mi E. from, 3.0 mi N. and 0.5 mi W. from Berkley, near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 28 W., 660 ft E. of crossroads; 39 ft N. of center of rd. E. of bridge over Little Beaver Creek; in fence corner, in concrete post; standard tablet stamped "TT 14 B 1948"		982.746
14.0 Reference mark, 33 ft N. and 15 ft E. from crossroads; near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 28 W., on E. headwall of concrete culvert; chiseled square		980.85
14.5 Beaver, 3.0 mi S. and 1.5 mi E. from, near quarter cor. secs. 16 and 21; T. 83 N., R. 28 W., 27 ft N. of T-fence N.; in large corner fence post; rail spike		987.4
15.0 Beaver, 3.0 mi S. and 2.0 mi E. from, near cor. secs. 15, 16, 21 and 22; T. 83 N., R. 28 W., 11 ft S. and 128 ft E. from T-rd. N.; on S. headwall of concrete culvert; chiseled square		988.66
15.5 Beaver, 3.0 mi S. and 2.5 mi E. from; near quarter cor. secs. 15 and 22; T. 83 N., R. 28 W., 27 ft N. and 6 ft E. from T-rd. S.; in S. side of power line pole; rail spike		1014.4
16.0 Berkley, 3.0 mi N. and 1.5 mi E. from; 3.0 mi S. and 3.0 mi W. from Ogden, near cor. secs. 14, 15, 22 and 23; T. 83 N., R. 8 W., 37 ft S. and 60 ft E. from T-rd. N.; in concrete post; standard tablet stamped "TT 15 B 1948"		1025.152
16.0 Reference mark, 36 ft N. and 24 ft W. of T-rd. N.; near cor. secs. 14, 15, 22 and 23; T. 83 N., R. 28 W., in S. side of telephone pole; rail spike		1027.13
16.5 Ogden, 3.0 mi S. and 2.5 mi W. from; near quarter cor. secs. 14 and 23; T. 83 N., R. 28 W., 30 ft N. and 44 ft W. from T-fence N.; in S. side of telephone pole; rail spike		1039.5
17.0 Ogden, 3.0 mi S. and 2.0 mi W. from, near cor. secs. 13, 14, 23 and 24; T. 83 N., R. 28 W., 30 ft N. and 40 ft W. from crossroads; in S. side of REA pole; rail spike		1032.3

LINE 1 (Cont'd)

PERRY QUAD. - 127

Feet

- 17.5 Ogden, 3.0 mi S. and 1.5 mi W. from, near quarter cor. secs. 13 and 24; T. 83 N., R. 28 W., 32 ft S. and 91 ft E. of center of rd. and fence line N.-S.; in power pole; rail spike 1047.2
- 18.0 Ogden, 3.0 mi S. and 1.0 mi W. from, near cor. secs. 13, 18, 19 and 24, T. 83 N., R. 27 and 28 W., 33 ft S. and 33 ft E. from crossroads; in REA line pole; rail spike 1063.1
- 18.5 Ogden, 3.0 mi S. and 0.5 mi W. from; 0.5 mi W. of schoolhouse; on U.S. Hwy. 169, about 30 ft S. and 1 ft E. from quarter cor. between secs. 18 and 19, T. 83 N., R. 27 W., near fence corner on S. side of rd.; in concrete post; standard tablet stamped "TT 16 B 1948" 1081.726
- 18.5 Reference mark, 2 ft N. and 6 ft E. from tablet; in N. side of power line pole; rail spike 1082.51
- 19.0 Ogden, 3.0 mi S. of; 27 ft S. and 59 ft E. from crossroads, near cor. secs. 17, 18, 19 and 20; T. 83 N., R. 27 W., in N. side of power line pole; rail spike 1087.5
- 19.5 Ogden, 3.0 mi S. and 0.5 mi E. from; near quarter cor. between secs. 17 and 20; T. 83 N., R. 27 W., 30 ft E. of fence line S.; in N. side of power line pole; rail spike 1102.5
- 20.0 Ogden, 3.0 mi S. and 1.0 mi E. from, near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 27 W., 22 ft S. and 18 ft E. from crossroads, in S. side of power line pole; rail spike 1097.2
- 20.5 Ogden, 3.0 mi S. and 1.5 mi E. from, near quarter cor. between secs. 16 and 21; T. 83 N., R. 27 W., 27 ft S. and 6 ft E. from T-fence S., in N. side of power line pole; rail spike 1101.3

LINE 2

NORTH THENCE EAST FROM SOUTHWEST CORNER (R.J. George, 1948; CV 192) PERRY QUAD. - 127

- 0.0 "TT 4 B 1948" (described in Line 1) 1064.899
- OGDEN QUAD. - 152
- 0.5 Grand Junction, 2.0 mi S. of; quarter cor. between secs. 16 and 17; T. 83 N., R. 29 W., 43 ft E. of center of Iowa Hwy. 144 and even with fence line E.-W.; in S. end of concrete tile; chiseled square 1046.17
- 1.0 Grand Junction, 1.5 mi S. of; cor. secs. 8, 9, 16 and 17, T. 83 N., R. 29 W., 33 ft S. and 52 ft W. of intersection of crossroads and Iowa Hwy. 144; in E. side of telephone post; rail spike 1054.6
- 1.5 Grand Junction, 1.0 mi S. of; quarter cor. between secs. 8 and 9, T. 83 N., R. 29 W., 36 ft E. of center of Iowa Hwy. 144 and 132 ft S. of E.-W. cross fence; in E. end of concrete tile; chiseled square 1039.70
- 2.0 Grand Junction, 0.5 mi S. of; at cor. secs. 4, 5, 8 and 9, T. 83 N., R. 29 W., 60 ft N. of center of U.S. Hwy. 30 running E.-W.; 25 ft E. of Iowa Hwy. 144; W. side of telephone post; rail spike 1039.6
- 2.8 Grand Junction; in W. part of town; 38 ft S. and 66 ft W. of intersection of State Hwy. 144 and Chicago and Northwestern RR.; 31 ft S. of S. rail; 4 ft E. of signal box; in concrete post; standard tablet stamped "TT 5 B 1948" 1038.113
- 3.0 At Grand Junction, at the city water tank and in the top of E. corner of SE. concrete block foundat; a USC&GS standard disk stamped "A 89 1935" 1033.495
- 3.5 Grand Junction, 0.5 mi N. of; quarter cor. between secs. 28 & 29; T. 84 N., R. 29 W., 33 ft S. and 60 ft E. of intersection 144 and crossroads E.-W.; in E. side of telephone pole; rail spike 1027.6

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 OGDEN QUADRANGLE
 152 - IOWA

<u>LINE 2 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
4.0 Grand Junction, 1.0 mi N. of; near cor. secs. 28, 29, 32 and 33; T. 84 N., R. 29 W., 129 ft N. of driveway W.; 57 ft E. of center of State Hwy. 144; 3 ft N. of fence line E., in W. side of telephone post; rail spike		1034.7
4.5 Grand Junction, 1.5 mi N. of; quarter cor. between secs. 28 and 29, T. 84 N., R. 29 W., 20 ft N. and 60 ft E. of center of rd. and T-lane E.; in W. side of telephone post; rail spike		1034.9
5.2 Grand Junction, 2.4 mi N. of; along State Hwy. 144; cor. secs. 20, 21, 28 and 29, T. 84 N., R. 29 W., 746 ft N. and 62 ft W. of T-rd. W.; 12 ft S. of gate into corn crib; in concrete post; standard tablet stamped "TT 6 B 1948"		1036.491
5.0 Reference mark, 6 ft S. and 57 ft E. of T-rd. W.; at cor. secs. 20, 21, 28 and 29; T. 84 N., R. 29 W., in W. side of telephone post; rail spike;		1034.2
5.5 Grand Junction; 2.5 mi N. of; quarter secs. 20 and 21; T. 84 N., R. 29 W., 38 ft N. and 57 ft E. of intersection of Hwy. 144 and cross fence E.-W.; in concrete right-of-way marker; top of steel rod		1040.54
6.0 Dana, 2.0 mi S. of; cor. secs. 16, 17, 20 and 21; T. 84 N., R. 29 W., 25 ft N and 44 ft E. of intersection of Hwy. 144 and T-rd. W.; in concrete right-of-way marker; steel rod		1042.08
6.5 Dana, 1.5 mi S. of, at quarter cor. sec. 16 and 17, T. 84 N., R. 29 W., 34 ft N. and 55 ft E. of intersection of Hwy. 144 and T-rd. E.; in W. side of telephone pole; rail spike;		1064.2
7.0 Dana, 1.0 mi S. of; on Hwy. 144; 4.0 mi N. of Grand Junction; 465 ft N. of cor. secs. 8, 9, 16 and 17, T. 84 N., R. 29 W., 4 ft S. and 62 ft E. of intersection of private rd. W.; in concrete post; standard tablet stamped "TT 7 B 1948"		1081.793
7.0 Reference mark, 27 ft N. of private rd. W.; and 55 ft W. of Hwy. 144; 465 ft N. of cor. secs. 8, 9, 16 and 17; T. 84 N., R. 29 W., in E. side of telephone pole rail spike		1081.3
7.5 Dana, 0.5 mi S. of; at quarter sec. 8 and 9, T. 84 N., R. 29 W., 26 ft N. and 52 ft E. of intersection of Hwy. 144 and T-rd. W.; in top of concrete right-of-way marker; steel rod		1113.41
8.0 Dana, W. edge of; 27 ft S. and 27 ft E. of crossroads at secs. 4, 5, 8 and 9, T. 84 N., R. 29 W., in W. side of rod telephone post; rail spike		1135.3
8.5 Dana, 0.5 mi N. of quarter cor. between secs. 4 and 5, T. 84 N., R. 29 W., 60 ft W. of center of rd. opposite fence line W.; in E. side of corner fence post; rail spike		1094.7
9.0 Dana, 1.0 mi N. of; 620 ft N. and 62 ft E. of cor. secs. 4, 5, 32 and 33; Tps. 84 and 85 N., R. 29 W., 16 ft N. and 62 ft E. of intersection of private rd. E.; 5 ft N. of and 3 ft E. of telephone post; in concrete post; standard tablet stamped "TT 8 B 1948"		1089.193
9.0 Reference mark, 30 ft S. and 65 ft W. of intersection of Hwy. 144 and T-rd. W.; at cor. secs. 4, 5, 32 and 33; Tps. 84 and 85 N., R. 29 W., in W. side of telephone post; rail spike		1091.9
9.5 Dana, 1.5 mi N. of; quarter cor. between secs. 32 and 33; T. 85 N., R. 29 W., 118 ft N. of an E.-W. fence line; 20 ft E. of center of Hwy. 144; in SE. wingwall of concrete bridge; chiseled square		1088.68
10.0 Dana, 2.0 mi N. of; cor. secs. 28, 29, 32 and 33; T. 85 N., R. 29 W., 33 ft S. and 100 ft E. of center of crossroads; in E. side of power line post; rail spike		1089.8
10.5 Dana, 2.0 mi N. and 0.5 mi E. of; at quarter secs. 28 and 33, T. 85 N., R. 29 W., 33 ft S. of center of rd. opposite N.-S. fence line; in N. side of power line post; rail spike		1093.3

<u>LINE 2 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
11.0 Dana, 2.0 mi N. and 1.0 mi E. of; quarter cor. secs. 27, 28, 33 and 34; T. 85 N., R. 29 W., 33 ft S. and 33 ft W. of center of crossroads; in S. side of power line post; rail spike		1104.5
11.5 Paton, 2.0 mi S. and 2.5 mi E. of; quarter cor. between secs. 27 and 34, T. 85 N., R. 29 W., 30 ft S. of center of rd. opposite fence line N.-S.; at fence corner; in concrete post; standard tablet stamped "TT 17 B 1948"		1101.406
12.0 Dana, 2.0 mi N. and 2.0 mi E. of; cor. secs. 26, 27, 34 and 35; T. 85 N., R. 29 W., 37 ft S. and 33 ft E. of center of T-rd. S.; and T-lane N.; in N. side of power line post; rail spike		1106.2
13.0 Dana, 2.0 mi N. and 3.0 mi E. of; cor. secs. 25, 26, 35 and 36, T. 85 N., R. 29 W., 36 ft N. and 76 ft E. of center of crossroads; in S. side of power line post; rail spike		1118.0
13.5 Dana, 2.0 mi N. and 3.5 mi E. of; quarter cor. between secs. 25 and 36; T. 85 N., R. 29 W., 37 ft S. of center of rd. opposite fence line N.-S.; in N. side of corner fence post; rail spike		1116.6
14.0 Dana, 2.0 mi N. and 4.0 mi E. of; cor. secs. 25, 30, 31 and 36; T. 85 N., R. 28 W., 33 ft S. and 44 ft W. of crossroads; in N. side of power line post; rail spike		1113.7
14.5 Paton, 2.0 mi S. and 4.0 mi E. of; 54 ft N. of S. center of SW $\frac{1}{4}$ sec. 30, T. 85 N., R. 29 W., 21 ft N. of gate into field; 2 ft E. of N.-S. fence line; in concrete post; standard tablet stamped "TT 18 B 1948"		1125.162
14.5 Reference mark, 48 ft S. of center of rd. opposite fence line N.-S.; at quarter cor. between secs. 30 and 31; T. 85 N., R. 28 W., in N. side of telephone post; rail spike		1112.5
15.0 Boxholm, 2.5 mi S. and 2.0 mi W. of; cor. secs. 29, 30, 31 and 32; T. 85 N., R. 28 W., 36 ft N. and 41 ft E. of intersection of crossroads; in E. side of powerline post; rail spike		1122.0
15.5 Boxholm, 2.5 mi S. and 1.5 mi W. of; quarter cor. between secs. 29 and 32; T. 85 N., R. 28 W., 36 ft N. of center of rd. opposite fence line N.-S.; in S. side of corner fence post; rail spike		1121.1
16.0 Boxholm, 2.5 mi S. and 1.0 mi W. of; cor. secs. 29, 28, 32 and 33; T. 85 N., R. 28 W., 31 ft S. and 244 ft E. of crossroads; near telephone pole; in concrete post; standard tablet stamped "TT 19 B 1948"		1137.429
16.0 Reference mark, 33 ft S. and 33 ft W. of intersection of crossroads; at cor. secs. 28, 29, 32 and 33; T. 85 N., R. 28 W., in N. side of power line pole; rail spike		1132.39
16.5 Boxholm, 2.5 mi S. and 0.5 mi W. of; near quarter cor. between secs. 28, and 33; T. 85 N., R. 28 W., 33 ft S. and 27 ft E. of center of rd. and opposite fence line N.; in fence post on E. end of gate into field; rail spike		1121.3
17.0 Boxholm, 2.5 mi S. of; 24 ft N. and 51 ft E. of intersection of U.S. Hwy. 169 and gravel rd. E.-W.; at cor. secs. 27, 28, 33 and 34; T. 85 N., R. 28 W., in S. side of power line pole; rail spike		1151.5
11.7 Boxholm, 2.5 mi S. and 0.5 mi E. of; quarter cor. between secs. 27 and 34; T. 85 N., R. 28 W., 35 ft N. of center of rd. opposite fence line N.-S.; in fence line; in S. side of corner fence post; rail spike		1135.4
18.0 Boxholm, 2.5 mi S. and 1.0 mi E. of; cor. secs. 26, 27, 34 and 35; T. 85 N., R. 28 W., 28 ft N. and 28 ft E. of crossroads; in S. side of power line post; rail spike		1125.0
18.5 Boxholm, 2.5 mi S. and 1.5 mi E. of; 0.5 mi E. of cemetery; quarter cor. between secs. 26 and 35, T. 85 N., R. 28 W., 28 ft N. of center of rd. opposite fence line N.-S.; at fence corner; in concrete post; standard tablet stamped "TT 20 B 1948"		1145.365

OGDEN QUADRANGLE
152 - IOWA

LINE 2 (Cont'd)

OGDEN QUAD. - 152

Feet

- 18.5 Reference mark, 18 ft N. of center of rd. and 13 ft W. of fence line N.-S.; 10 ft S. and 13 ft W. of tablet at quarter cor. between secs. 26 and 35; T. 85 N., R. 28 W., in concrete inlet for drain; chiseled square 1144.05
- 19.0 Boxholm, 2.5 mi S. and 2.0 mi E. of; 21 ft S. and 27 ft W. of crossroads; at cor. secs. 25, 26, 35 and 36; T. 85 N., R. 28 W., in N. side of power line post; rail spike 1140.2
- 19.5 Boxholm, 2.5 mi S. and 2.5 mi E. of; quarter cor. between secs. 25 and 26; T. 85 N., R. 28 W., 26 ft N. and 12 ft E. of center of rd. and fence line N.-S.; in fence post at E. end of gate into field; rail spike 1150.5
- 20.0 Boxholm, 2.5 mi S. and 3.0 mi E. of; cor. secs. 25, 30, 31 and 36; T. 85 N., R. 27 and 28 W., 32 ft S. and 32 ft E. of crossroads; in N. side of power line post; rail spike 1136.3
- 20.5 Pilot Mound, 2.0 mi S. and 1.0 mi W. of; quarter cor. between secs. 30 and 31; T. 85 N., R. 27 W., 20 ft N. of center of rd. and 56 ft W. of RR. and rd. crossing; in power line pole; rail spike 1106.4
- 21.2 Pilot Mound, 2.0 mi S. along the abandoned M. & St. L. RR. from; at the crossing of the Ft. Dodge, Des Moines and Southern RR. (Wolf station), 44 ft NE. of center of electric RR. track, and 27 ft E. of center of M. & St. L. RR. track; a USC&GS standard disk stamped "G 3 1930" and set in top of a concrete post 1086.530

LINE 3

NORTH ALONG NORTHEAST PORTION (R.L. Holcomb, 1949; CV 280)

OGDEN QUAD. - 152

- 0.2 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
- 0.2 Reference mark, 11 ft N. and 28 ft W. of crossroads; at 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, 18, 19 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
- 5.4 UE, Pilot Mound, 0.5 mi W. and 3.2 mi N. of; 0.2 mi N. of Co. 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; USC&GS and State Survey tablet stamped "554" 1129.257

LINE 3 (Cont'd)

OGDEN QUAD. - 152

Feet

- 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 T-rd. 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" 1128.536

LINE 4

NORTH THENCE WEST FROM CENTER OF WEST BORDER (R. L. Holcomb; 1949; CV 280)

OGDEN QUAD. - 152

- 1.8 UE, Dana, 2.9 mi N. of; 0.1 mi S. of E.-W. fence; at cor. secs. 20, 21, 28 and 29; T. 85 N., R. 29 W., 394 ft S. of private rd. E.; 20 ft E. of center of rd.; on E. end of concrete culvert; chiseled square 1109.44
- 2.7 Paton, 0.5 mi E. of; 1300 ft S. of crossroads; 15 ft N. of gate into cemetery; 40 ft W. of center of rd.; in concrete post; standard tablet stamped "TT 9 B 1948" 1108.618
- 3.2 UE Paton, 0.5 mi E. and 0.3 mi N. of; quarter cor. between secs. 16 and 17; T. 85 N., R. 29 W., 1075 ft S. of T-rd. W.; 18 ft E. of center of rd.; on NE. corner of wingwall of concrete bridge over Buttricks Creek; chiseled square 1097.80
- 4.1 UE, Patton, 0.5 mi E. and 1.2 mi N. of; cor. secs. 8, 9, 16 and 17; T. 85 N., R. 29 W., 850 ft N. of T-rd. E.; 31 ft E. of center of rd.; on E. end of concrete culvert; chiseled square 1115.31
- 4.9 Paton, 0.5 mi E. and 2.0 mi N. of; cor. secs. 4, 5, 8 and 9, T. 85 N., R. 25 W., 35 ft N. and 47 ft E. of crossroads; in farmhouse yard; in concrete post; standard tablet stamped "TT 10 B 1948" 1123.097
- 5.9 UE, Patton, 0.5 mi E. and 2.9 mi N. of, cor. secs. 4, 5, 32 and 33; Tps. 85 and 86 N., R. 29 W., 395 ft S. of crossroads; 17 ft E. of center of rd.; Co. line between Boone and Webster Counties; on NE. wingwall of bridge over Buttricks Creek; chiseled square 1117.25
- 6.9 Paton, 0.5 mi E. and 4.0 mi N. of; cor. secs. 28, 29, 32 and 33; T. 86 N., R. 29 W., 36 ft S. and 38 ft E. of crossroads; in corner of field; in concrete post; standard tablet stamped "TT 11 B 1948" (not found 6/60 J.H.T.) 1136.154
- 7.5 Boxholm, 3.0 mi N. and 6.5 mi W. of; 250 ft E. of quarter cor. between secs. 28 and 33; T. 86 N., R. 29 W., 31 ft N. and 12 ft W. of center of rd. at rd. into field; 10 in. W. of telephone pole; in concrete post; USC&GS and State Survey tablet stamped "429" Elev. by U.S.G.S. (not found 6/60 JHT) 1140.813
- 7.9 Boxholm, 3.0 mi N. and 6.0 mi W. of; cor. secs. 27, 28, 33 and 34; T. 86 N., R. 29 W., 32 ft S. and 61 ft W. of crossroads; in concrete post; USC&GS and State Survey tablet stamped "428" elev. by U.S.G.S. (not found 6/60 JHT) 1146.088
- 8.9 Boxholm, 3.0 mi N. and 5.0 mi W. of; cor. secs. 26, 27, 34 and 35; T. 86 N., R. 29 W., 32 ft S. and 242 ft W. of crossroads; 392 ft W. of RR. crossing; in concrete post; USC&GS and State Survey tablet "426" (elev. by USGS) 1151.799
- 9.4 Boxholm, 3.0 mi N. and 4.5 mi W. of; quarter cor. between secs. 26 and 35, T. 86 N., R. 29 W., in concrete post; USC&GS and State Survey tablet; stamped "425" USGS elev. 1167.893
- 9.9 Boxholm, 3.0 mi N. and 4.1 mi W. of; cor. secs. 25, 26, 35 and 36; T. 86 N., R. 29 W., 30 ft S. and 592 ft W. of crossroads; 5.5 ft W. of power pole; in concrete post; USC&GS and State Survey tablet stamped "424" (USGS elev.) 1158.261
- 10.9 Boxholm, 3.0 mi N. and 3.1 mi W. of; cor. secs. 25, 30, 31 and 36; T. 86 N., R. 28 and 29 W., 602 ft W. of crossroads; about 300 ft E. of and across from farmhouse; 30 ft N. of center of rd. at T-fence S.; in concrete post USC&GS and State Survey tablet stamped "516" (elev. by U.S.G.S.) 1168.271

OGDEN QUADRANGLE
152 - IOWA

<u>LINE 4 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
11.6 Boxholm, 3.0 mi N. and 2.4 mi W. of; quarter cor. between secs. 30 and 31; 600 ft E. of center of rd. at N.-S. fence; 32 ft N. of center of rd., in concrete post; USC&GS and State Survey tablet stamped "518" (elev. by U.S.G.S.)		1161.836
12.0 UE, Boxholm, 3.0 mi N. and 2.0 mi W. of; cor. secs. 29, 30, 31 and 32; T. 86 N., R. 28 W., 12 ft N. and 35 ft W. of center of crossroads; on N. end of steel culvert; painted square; (reported disturbed 5/1/51 K.K.M.)		1159.88
13.0 Boxholm, 4.0 mi N. and 2.0 mi W. of; cor. secs. 19, 20, 29 and 30; T. 86 N., R. 28 W., 25 ft N. and 21 ft E. of crossroads; 4 ft SW. of fence corner, iron post with cap stamped "TT 1 Iowa 1919"		1164.026
	<u>LEHIGH QUAD. - 177</u>	
15.0 Boxholm, 5.0 mi N. and 2.0 mi W. of; at cor. secs. 17, 19, 18 and 20; T. 86 N., R. 28 W., 27 ft S. and 32 ft E. of center of crossroads; 1 ft NW. of fence corner; iron post with cap stamped "Iowa 1919 1170"		1170.533
16.0 Boxholm, 5.0 mi N. of along Hwy. 169, at cor. secs. 15, 16, 21 and 22; T. 86 N., R. 28 W., 30 ft N. and 178 ft W. of center of crossroads; in concrete post; USC&GS and State Survey tablet stamped "530" (elev. by U.S.G.S.)		1153.838
17.5 Dayton, at; 0.25 mi S. of abandoned M. & St. L. RR. station, at steel bridge over C. & N.W. RR. and in E. end of N. abutment; USC&GS standard disk stamped "B 3 1930"		1133.534

LINE 5

SOUTH THIRD CENTER OF QUAD. (R. L. Holcomb, 1949; CV 280)

PERRY QUAD. - 127

0.0 Beaver, 3.0 mi S. and 1.0 mi E. from, 3.0 mi N. and 0.5 mi W. from Berkley, near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 28 W., 660 ft E. of crossroads; 39 ft N. of center of rd. E.; at bridge over Little Beaver Creek; in fence corner; in concrete post; standard tablet stamped "TT 14 B 1948"	982.746
Reference mark, 33 ft N. and 15 ft E. of crossroads; near cor. secs. 16, 17, 20 and 21; T. 83 N., R. 28 W., on E. headwall of concrete culvert; chiseled square	980.85

OGDEN QUAD. - 152

1.0 UE Beaver, 1.0 mi E. and 2.0 mi S. of; cor. secs. 8, 9, 16 and 17, T. 83 N., R. 28 W., 774 ft S. of crossroads; 12 ft W. of center of rd.; on W. headwall of concrete culvert; chiseled square	993.99
2.1 Beaver, 1.0 mi E. and 1.0 mi S. of; 5.0 mi W. and 1.0 mi S. of Ogden, cor. secs. 4, 5, 8 and 9, T. 83 N., R. 82 W., 155 ft N. and 28 ft E. of intersection of crossroads; at fence corner; in concrete post; standard tablet stamped "TT 27 B 1948"	1015.901
3.1 Beaver, 0.8 mi E. along the C. & NW. RR. from the station at; 100 ft E. of milepost 219, at a rd. crossing, 45 ft W. of center of rd., 45 ft N. of center of N. track; 8 ft W. and 3 ft S. of fence corner, and 1 ft lower than track; a USC&GS standard disk stamped "V 88 1935" and set in top of a concrete post.	1021.927
4.0 Beaver, 1.0 mi N. and 1.0 mi E. of; cor. secs. 28, 29, 32 and 33; T. 84 N., R. 28 W., 110 ft N. and 30 ft E. of crossroads; 3 ft from telephone pole; in concrete post; standard tablet stamped "TT 28 B 1948"	1022.163
4.9 UE, Beaver, 1.0 mi E. and 2.0 mi N. of; cor. secs. 20, 21, 28 and 29, T. 84 N., R. 28 W., 226 ft S. and 9 ft W. of crossroads; on NW. corner of wingwall of concrete bridge; chiseled square	1035.957
5.9 Beaver, 3.0 mi N. and 1.0 mi E. of; cor. secs. 16, 17, 20 and 21; T. 84 N., R. 28 W., 270 ft S. and 32 ft E. of crossroads; 4 ft from telephone pole; near gate into field in concrete post; standard tablet stamped "TT 29 B 1948"	1074.334

<u>LINE 5 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
7.0 Beaver, 1.0 mi E. and 4.0 mi N. of; cor. secs. 8, 9, 16 and 17, T. 84 N., R. 28 W., about 200 ft NE. of St. John Lutheran Church, 35 ft E. and 13 ft N. of crossroads; on N. headwall of concrete culvert; chiseled square		1101.48
8.0 Boxholm, 4.5 mi S. and 1.0 mi W. of; 1.0 mi N. of church; cor. secs. 4, 5, 8 and 9; T. 84 N., R. 28 W., 33 ft N. and 36 ft E. of crossroads; in field; in concrete post; standard tablet stamped; "TT 30 B 1948"		1090.938
9.1 UE, Boxholm, 3.5 mi S. and 1.0 mi W. of; cor. secs. 4, 5, 32 and 33; Tps. 84 and 85 N., R. 28 W., 24 ft N. and 11 ft W. of crossroads; on top of NW. concrete headwall of bridge; 2.5 ft above rd.; chiseled square		1096.10
11.2 UE, Boxholm, 1.5 mi S. and 1.0 mi W. of; cor. secs. 20, 21, 29 and 28; T. 85 N., R. 28 W., 28 ft S. and 32 ft W. of crossroads; 0.5 ft SW. of fence corner; steel pipe 6-in. above ground		1128.58
12.1 Boxholm, 0.5 mi S. and 1.0 mi W. of; cor. secs. 16, 17, 20 and 21; T. 85 N., R. 28 W., 235 ft S. and 34 ft E. of crossroads; 4 ft from telephone pole; in concrete post; standard tablet stamped "TT 31 B 1948"		1125.791
14.2 Boxholm, 1.0 mi W. and 1.0 mi N. of; cor. secs. 4, 5, 8 and 9, T. 85 N., R. 28 W., 173 ft S. and 34 ft E. of crossroads; 4 ft N. of telephone pole; in concrete post; standard tablet stamped "TT 32 B 1948"		1158.611
15.2 UE, Boxholm, 1.0 mi W. and 2.0 mi N. of; cor. secs. 4, 5, 32 and 33; Tps. 85 and 86 N., R. 28 W., 30 ft E. of T-rd. W. and T-fence E.; 0.5 ft NE. of corner fence post; angle iron 6-in. above ground		1161.65
16.2 Boxholm, 1.0 mi W. and 3.0 mi N. of; cor. secs. 28, 29, 32 and 33; T. 86 N., R. 28 W., 39 ft S. and 39 ft E. of crossroads; in field; in concrete post; standard tablet stamped "TT 33 B 1948"		1164.343

LINE 6

<u>EAST NEAR CENTER OF WEST BORDER (J.H. Tyndale, 1960; CV 1222)</u>	<u>JEFFERSON QUAD. - 153</u>	
5.6 UE, center of rd. at N.-S. fences; quarter cor. sec. 30 and 31; T. 85 N., R. 29 W.,		1099.3
6.1 UE, 12 ft N., 32 ft E. and 0.6 ft lower than T-rd. N.; cor. secs. 29, 30, 31 and 32; T. 85 N., R. 29 W., NW. wingwall of bridge over stream; 5 ft N. of railing of steel truss bridge		1074.1
6.7 UE, center of rd. at N.-S. fences; quarter cor. secs. 29 and 32; T. 85 N., R. 29 W.,		1100.1

OGDEN QUAD. - 152

8.1 Dana, 1.0 mi N. of; 620 ft N. and 62 ft E. of cor. secs. 4, 5, 32 and 33; Tps. 84 and 85 N., R. 29 W., 16 ft N. and 62 ft E. of intersection of private rd. E.; 5 ft N. and 3 ft E. of telephone pole; in concrete post; standard tablet stamped "TT 8 B 1948"	1089.193
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LINE 7

SOUTH ALONG NORTH PORTION WEST BORDER (J.H. Tyndale, 1960; CV 1222)

JEFFERSON QUAD. - 153

6.7 UE, T-rd. W.; quarter cor. secs. 19 and 20; T. 86 N., R. 29 W.,	1142.7
6.7 UE, 30 ft N., 52 ft E. and 1.6 ft lower than T-rd. E.; cor. secs. 19, 20, 29 and 30; T. 86 N., R. 29 W., NE. side of power transformer pole; 0.5 ft above ground; RR. spike	1137.23

OGDEN QUAD. - 152

7.2 UE, center of rd. at N.-S. fences; quarter cor. secs. 20 and 29; T. 86 N., R. 29 W.	1131.2
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 OGDEN QUADRANGLE
 152 - IOWA

LINE 7 (Cont'd)

OGDEN QUAD. - 152

Feet

- 7.2 Grand Junction, 16 mi N. of along State Hwy. 144; 32 ft S., 545 ft W. of crossroad; cor. secs. 20, 21, 28 and 29, T. 86 N., R. 29 W., 1 ft N. of S. right-of-way fence; and 6.6 ft higher; in concrete post; standard tablet stamped "11 T 1960 1133" 1132.975
- 7.2 Reference mark, 497 ft E. of tablet; 28 ft S., 48 ft W. and 5 ft lower than crossroad; S. end of 2 ft concrete tube culvert; chiseled square 1121.30
- 7.7 UE, center of Hwy. 144 at fence W., quarter cor. secs. 28 and 29, T. 86 N., R. 29 W., copper nail and washer 1141.75
- 7.7 UE, crossroad, cor. secs. 29, 28, 32 and 33; T. 86 N., R. 29 W., copper nail and washer 1140.00
- 8.7 UE, center of rd. at fence W.; copper nail and washer 1124.25
- 9.7 UE, center of Hwy. 144, at E.-W. fences; quarter cor. secs. 4 and 5, T. 85 N., R. 29 W., copper nail and washer; painted 1128.06
- 10.2 Reference mark, 56 ft WSW. of tablet; crossroad; 1/2-in. bolt 1124.84
- 10.2 Paton, 2.0 mi N. and 0.5 mi E. of; 35 ft N., 44 ft E. of center of Hwy. 144; cor. secs. 4, 5, 8 and 9, T. 85 N., R. 29 W., in concrete post; standard tablet stamped "TT 10 B 1948 1123" 1123.097

LINE 8

SOUTH NEAR CENTER OF NORTH BORDER (W.K. Mc Gurley, 1964; CV 1770)

LEHIGH QUAD. - 177

- 2 73 14.8 Reference mark, 60 ft NW. of tablet; at SW. cor. of crossroads; on top of concrete drain intake; a chiseled square; painted "RM" 1159.14
- 73 14.8 Harcourt, 0.5 mi N. and 2.5 mi E. of; T. 86 N., R. 28 W., cor. secs. 8, 9, 16 and 17; 60 ft S., 33 ft E. of and 0.6 ft lower than crossroads; in top of concrete post; standard tablet stamped "24 WMC 1964" 1162; painted "EM 1161.7" 1161.695
- 74 15.8 UE, 24 WMC A, 1.0 mi S. of tablet; T. 86 N., R. 28 W., cor. secs. 16, 17, 20 and 21; 35 ft S., 34 ft E. of and 3.3 ft lower than crossroads; in power pole; a lag bolt; painted "UE 1173.6" 1173.58

OGDEN QUAD. - 152

- 75 16.8 UE 19 WMC C 1.5 mi E. of tablet; T. 86 N., R. 28 W., cor. secs. 20, 21, 28 and 29, 144 ft S., 29 ft E. of and 4.2 ft lower than crossroads; on top of concrete culvert; a chiseled square; painted "UE 1169.0" 1168.96

LINE 9

SOUTH ALONG SOUTH PORTION OF EAST 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 M. & St. L. RR., at rd. crossing, 50 ft E. of center of rd., 44.5 ft N. of N. rail of main track; 18.4 ft N. of N. rail of sidetrack; and 22.6 ft SE. of corner fence post; a USCGS standard disk stamped "K 32 1934" and set in top of a concrete post; projecting 2-in. 1098.393
- 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 1098.8" 1098.85

<u>LINE 9 (Cont'd)</u>	<u>OGDEN QUAD. - 152</u>	<u>Feet</u>
4 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. 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. secs. 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. 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 10

SOUTH NEAR CENTER OF EAST BORDER (W.K. Mc Gurley, 1964; CV 1736)

OGDEN QUAD. - 152

4 71 0.0 USC&GS "G 3 1930" (described in Line 2)	1086.530
0.9 UE G 3 A, 0.9 mi S. of tablet; Ts. 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 1130" 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
76 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
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; a painted square; painted "UE 1091.5"	1091.47
78 6.2 Ogden, at; about 100 yards N. of main street; at a crossing of the abandoned M. and St. L. RR. and the C. & N.W. RR., 26 ft W. of center of M. & St. L. RR. track; and 32 ft N. of center of C. & N.W. RR. N. track; a USC&GS standard disk stamped "1098.203 L 3 1930" and set in top of a 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 11

EAST ALONG NORTH BORDER (W.K. Mc Gurley, 1964; CV 1770)

OGDEN QUAD. - 152

2 37 0.0 "11 T 1960 1133" (described in Line 7)	1132.975
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LINE 11 (Cont'd)	OGDEN QUAD. - 152	Feet
2 37 1.1 UE 11 T A, 1.1 mi E. of tablet; T. 86 N., R. 29 W., cor. secs. 21, 22, 27 and 28; 29 ft N., 48 ft W. and 4.5 ft lower than crossroads; on top of steel culvert; a painted square; painted "UE 1148.4"		1148.38
38 2.1 UE 11 T B, 2.11 mi E. of tablet; T. 86 N., R. 29 W., cor. secs. 22, 23, 26 and 27; 34 ft S., 35 ft W. and 3.0 ft lower than crossroads; in SW. side of power pole; a lag bolt; painted "UE 1167.2"		1167.16
39 3.1 UE 11 T C, 3.12 mi E. of tablet; T. 86 N., R. 29 W., cor. secs. 23, 24, 25 and 26; 30 ft N., 34 ft E. of and 3.9 ft lower than crossroads; on top of round concrete culvert; a chiseled square; painted "UE 1158.4"		1158.41
41 3.6 Harcourt, 1.5 mi S. of; T. 86 N., R. 29 W., quarter cor. between secs. 24 and 25; 58 ft S., 24 ft E. of and 2.6 ft lower than center of rd. at RR. crossing; 1.5 ft NE. of a power pole; in top of concrete post; standard tablet stamped "19 WMC 1964 1164" painted "EM 1164.5"		1164.443
42 3.6 Reference mark, 190 ft NE. of tablet; on top of concrete retainer wall; a chiseled square; painted "RM"		1162.03
4.2 UE 19 WMC A, 0.5 mi E. of tablet; T. 86 N., R. 28 and 29 W., near cor. secs. 19, 24, 25 and 30; 40 ft S., 121 ft E. of and 0.8 ft lower than crossroads; in S. side of telephone pole; a lag bolt; painted "UE 1171.0"		1170.99
43 5.1 UE 19 WMC B, 1.5 mi E. of tablet; T. 86 N., R. 28 W., cor. secs. 19, 20, 29 and 30; 41 ft S., 19 ft E. of and 3.1 ft lower than crossroads; on top of concrete culvert; a chiseled square; painted "UE 1163.7"		1163.63
44 6.2 UE 19 WMC C, 2.5 mi E. of tablet; T. 86 N., R. 28 W., cor. secs. 20, 21, 28 and 29; 144 ft S., 29 ft E. and 4.2 ft lower than crossroads; on top of concrete culvert; a chiseled square; painted "UE 1169.0"		1168.96
45 7.1 Dayton, 1.5 mi S. and 2.0 mi W. of; T. 86 N., R. 28 W., cor. secs. 21, 22, 27 and 28; 75 ft N., 49 ft W. and 1.6 ft lower than crossroads; 1.5 ft E. of W. right-of-way fence; in top of concrete post; standard tablet stamped "20 WMC 1964 1151" painted "EM 1151.3"		1151.284
46 7.1 Reference mark, 355 ft ESE. of tablet; about 300 ft E. of crossroads; in N. side of power pole; a lag bolt; painted "RM"		1152.77
8.1 UE 20 WMC A, 1.0 mi E. of tablet; T. 86 N., R. 28 W., cor. secs. 22, 23, 26 and 27; 28 ft S., 28 ft W. and 2.5 ft lower than crossroads; on top of steel culvert; a painted square; painted "UE 1142.1"		1142.08
47 9.1 UE 20 WMC B, 2.0 mi E. of tablet; T. 86 N., R. 28 W., cor. secs. 23, 24, 25 and 26; in center of crossroads; a chiseled square; painted "UE centerline 1153.4"		1153.32
49 10.1 UE 20 WMC C, 3.0 mi E. of tablet; T. 86 N., Rs. 27 and 28 W., cor. secs. 19, 24, 25 and 30; 29 ft N., 39 ft W. of and 2.5 ft lower than crossroads; in NW. side of power pole; a lag bolt; painted "UE 1145.1"		1145.04
50 11.2 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 T-rd. W.; 24 ft E. of center of rd., on E. end of concrete culvert; chiseled square		1127.29