

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

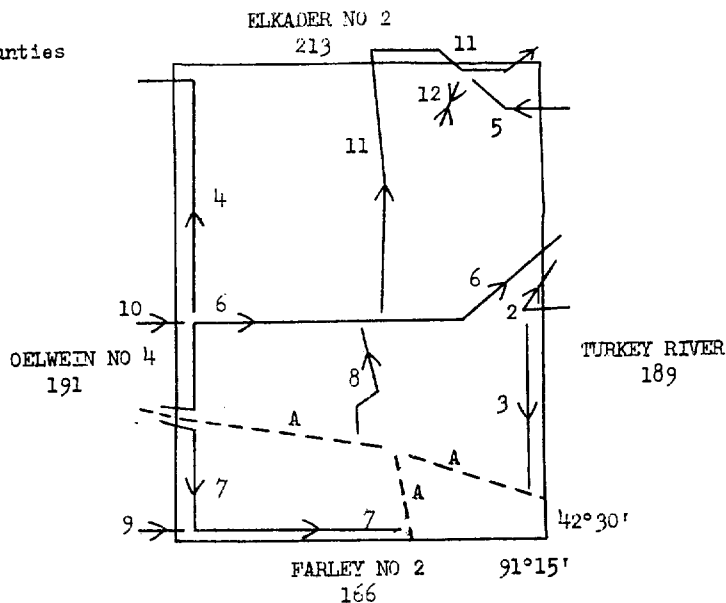
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ELKADER NO 3 QUADRANGLE
190 - IOWA
N4230-W9115/15
DIAGRAM NK 15-6
DUBUQUE, ILL.
IOWA WISC.

Delaware and Clayton Counties

Edition of 12/17/64

PR: ADP:vdc



USC&GS LEVELING
A. No. 420911

Feet

LINE 1

ISOLATED BENCH MARKS NOT SHOWN ON DIAGRAM RELIABILITY OF ELEVATIONS DOUBTFUL DUE TO AGE OF WORK.

- T. 91 N., R. 5 W., $\frac{1}{4}$ cor. S. side sec. 16, iron post stamped "1240 DBQ" (destroyed 2/59 AMS) 1241.3
T. 90 N., R. 5 W., SW. cor. sec. 21; iron post stamped "1016 DBQ" (not found 2/59 AMS) 1016.8
T. 91 N., R. 4 W., NW. cor. sec. 22, at NW. corner of schoolhouse; iron post stamped "1168" (destroyed L.H.L. 10/64) 1168.4

LINE 2

A JOG AT CENTER OF EAST BORDER (J.D. Finch, 1953; CV 594) TURKEY RIVER QUAD. - 189

- UE 42 B, 21 ft S., 17 ft E. and 1.3 ft lower than center of rd. at T-rd. N.; in power pole; rail spike 1107.79
UE 42 C, 15 ft N., 8 ft W. and 1.7 ft lower than center of rd. at private drive N. to R. Lincoln farm, on top of W. end of pipe culvert; painted square 1096.0

ELKADER NO 3 QUAD. - 190

- Colesburg, 1.0 mi S. and 2.5 mi W. of; T. 90 N., Rs. 3 and 4 W., near quarter cor. between secs. 7 and 12, 250 ft N. of T-rd. E.; 24 ft E. of center of rd., 1 ft W. of fence E., 1 ft W. of E. right-of-way fence, set in concrete flush with ground; standard tablet stamped "43 JDF 1953 1076" (not found J.R.E. 9/64) 1076.077
Reference mark, 830 ft N. of tablet; in headwall of E. end of concrete culvert; 8.2 ft lower than center of rd.; chiseled square 1015.17

190B

LINE 4

Feet

NORTH ALONG NORTH HALF OF WEST BORDER (W.E. Knouse, 1964; CV 1738)

ELKADER NO 3 QUAD. - 190

5 4 0.0	Strawberry Point, 3.75 mi S. and 2.5 mi E. of; at cor. secs. 1, 6, 7 and 12; T. 90 N., Rs. 5 and 6 W., 43 ft S. and 35 ft W. of T-rd. S.; 4 ft S. and 1 ft E. of fence corner; in concrete post; flush with ground; standard tablet stamped "2 LL 1964"	1143.424
1.0 UE 2 LL AA,	near cor. secs. 1, 6, 31 and 36; Tps. 90 and 91 N., Rs. 5 and 6 W., 56 ft E. and 29 ft N. of T-rd. N.; in W. side of power line pole; RR. spike	1138.74
6 1.6 UE 2 LL BB,	North of quarter cor. secs. 31 and 36; T. 91 N., Rs. 4 and 5 W., 162 ft N. and 20 ft W. of rd. at drive W.; on W. end of corrugated steel culvert; a chiseled cross	1151.40
7 2.1 UE 2 LL CC,	near cor. secs. 25, 30, 31 and 36; T. 91 N., Rs. 5 and 6 W., about 300 ft N. of crossroads; 10 ft N. and 29 ft W. of rd. at field entrance W.; on N. end of corrugated steel culvert; chiseled cross	1166.67
8 3.0 UE 2 LL DD,	near cor. secs. 19, and 30; 25 and 24; T. 91 N., Rs. 5 and 6 W., 39 ft S. and 25 ft E. of RR. crossing; 90 ft N. and 25 ft E. of rd. forking S. and SE.; in W. side of power line pole; RR. spike	1208.89
9 3.3	Reference mark, about 36 ft W. from tablet; about 37 ft N. and 150 ft E. of T-rd. S. in S. side of telephone pole; RR. spike	1239.81
10 3.3	Strawberry Point, 2.0 mi E. from; 2.0 mi N. and 4.0 mi W. from Edgewood, near cor. secs. 19, 24, 25 and 30; T. 91 N., R. 5 and 6 W., 37 ft N. and 185 ft E. of T-rd. S.; 1 ft S. of T-fence, N. corner post; 35 ft E. of telephone pole; in concrete post; standard tablet stamped "24 WEK 1964"	1238.685
11 3.7 UE 24 WEK A,	near quarter cor. sec. 19 and 30; T. 91 N., R. 5 W., 15 ft S. and 32 ft E. of T-rd. N.; on S. end of corrugated steel culvert; chiseled square	1213.34
12 4.3 UE 24 WEK B,	near center of sec. 19, T. 91 N., R. 5 W., 38 ft N. and 33 ft E. of drive E.; in S. side of power line pole; rail spike	1184.82
13 5.0 UE 24 WEK C,	near center of sec. 18, T. 91 N., R. 5 W., 21 ft N. and 18 ft E. of Trd. S.; on W. end of corrugated steel culvert; chiseled cross	1186.99
15 5.5 UE 24 WEK D,	NW. cor. sec. 18, T. 91 N., R. 5 W., 8 ft N. and 20 ft W. of rd. at field rd. W.; on N. end of corrugated steel culvert; chiseled square	1203.00
16 6.6	Reference mark, center of sec. 7, T. 91 N., R. 5 W., about 200 ft S. of T-rd. E.; 9 ft S. and 22 ft W. of rd. at drive W.; on S. end of corrugated steel culvert; chiseled cross	1137.48
17 6.6	Strawberry Point, 1.0 mi N. and 3.0 mi E. from; 2.5 mi S. and 5.5 mi W. from Littleport; near center of sec. 7, T. 91 N., R. 5 W., 13 ft N. and 36 ft E. of rd. at drive W.; 178 ft S. and 36 ft E. of T-rd. E.; in concrete post; standard tablet stamped "25 WEK 1964"	1136.394
18 7.0 UE 25 WEK A,	near center of sec. 6, T. 91 N., R. 5 W., about 400 ft S. of rd. at fence E.; 18 ft W. of center of rd. on W. end of corrugated steel culvert; chiseled cross	1172.13
19 7.7 UE 25 WEK B,	in NW 1/4 sec. 6, T. 91 N., R. 5 W., 25 ft N. and 48 ft E. of T-rd. E.; 25 ft N. and 8 ft E. of rd. at field entrance N.; on E. end of corrugated steel culvert; chiseled cross	1196.97

<u>LINE 4 (Cont'd)</u>		<u>OELWEIN NO 4 QUAD. - 191</u>	<u>Feet</u>
5 39 15.5	UE 26 WEK C, near quarter cor. secs. 4 and 5; T. 91 N., R. 6 W., 58 ft S. and 32 ft W. of T-rd. W.; in E. side of power pole; rail spike		1231.54
40 16.5	Reference mark, about 60 ft E. of tablet; 35 ft N. and 32 ft E. of crossroads; in S. side of power pole; rail spike		1201.71
41 16.5	Strawberry Point, 2.0 mi N. and 2.0 mi W. from; near quarter cor. secs. 5 and 6, T. 91 N., R. 6 W., 6 ft W. of a fence corner post; 1 ft S. of fence; 36 ft N. and 28 ft W. of crossroads; in concrete post; standard tablet stamped "27 WEK 1964"		1206.088
42 16.9	UE 27 WEKA, near center sec. 6, T. 91 N., R. 6 W., 23 ft N. and 11 ft E. of rd. at drive N.; on N. end of corrugated steel culvert; chiseled cross		1182.40
43 17.5	UE 27 WEK B, near quarter cor. secs. 1 and 6; T. 91 N., Rs. 6 and 7 W., 47 ft W. of T-rd. E.; in E. side of telephone pole; rail spike		1167.98
44 18.0	UE 27 WEK C, near cor. secs. 1, 6, 31 and 36; Tps. 91 and 92 N., Rs. 6 and 7 W., 10 ft N. and 16 ft E. of T-rd. W.; on N. end of corrugated steel culvert; chiseled cross		1130.87
45 19.3	UE 6 WEK C, at cor. secs. 1, 2, 35 and 36; T. 91 N. and 92 N., R. 7 W., 26 ft N. and 22 ft W. of crossroads; on W. end of a concrete pipe culvert; chiseled square		1132.74

LINE 5

WEST NEAR NORTHEAST CORNER (W.E. Knouse, 1964; CV 1738)		<u>TURKEY RIVER QUAD. - 189</u>	
6 44 0.0	Garber, 1.5 mi S. and 0.75 mi E. of; in SW $\frac{1}{4}$ sec. 6, T. 91 N., R. 3 W., 178 ft SW. of rd. fork, near center of W. base of triangle formed by rds. NE.-NW.-SW., 2 ft E. of right-of-way fence on W. side of rd. triangle, in concrete post; standard tablet stamped "TT 46 T 1954"		888.398
		<u>ELKADER NO 3 QUAD. - 190</u>	
0.8	UE 46 T AA, in NE $\frac{1}{4}$ sec. 1, T. 91 N., R. 4 W., about 0.77 mi NW. from tablet; 30 ft SW. of center of gravel rd., 67 ft SE. of rd. at field entrance NE., on NE. side of telephone pole; RR. spike		856.31
46 1.5	UE 46 T BB, in SW $\frac{1}{4}$ sec. 36, T. 92 N., R. 4 W., about 170 ft NW. of junction of gravel rds. S. and SE.; 65 ft S. and 11 ft W. of center of bridge on SW. end of bridge; on concrete curb; chiseled square		664.62
47 1.8	Garber at; just E. of W $\frac{1}{4}$ cor. sec. 36, T. 92 N., R. 4 W., in NW. corner of city park, 40 ft S. and 18 ft W. of T-street N., 32 ft NE. of N. E. corner of large metal bldg., 5 ft E. of a power pole; on top of concrete post projecting 1-in.; a standard tablet stamped "17 JRE 1964"		659.762

LINE 6

NORTH AND WEST IN SOUTH HALF OF QUAD. (L.H. Lambert, 1964; CV 1726)

		<u>OELWEIN NO 4 QUAD. - 191</u>	
1 6 0.0	Dynde, 2.0 mi SE. along Chicago, Great Western RR. from station at; 10 poles W. of milepost 223, at 50 ft steel bridge 223.30, in top of S. end of W. concrete abutment, 9 ft S. of center of track; and about 1 ft lower than track; a USC&GS standard disk, stamped "Q 73 1934"		999.250

<u>LINE 6 (Cont'd)</u>	<u>ELKADER NO 3 QUAD. - 190</u>	<u>Feet</u>
1 25 8.8	UE, at quarter cor. sec. 3 and 10, T. 90 N., R. 5 W., 16 ft S. and 52 ft E. of T-rd. N.; on S. end of corrugated steel culvert; chiseled cross	1155.65
26 9.4	UE, at E. foot of hill, 20 ft S. of rd. at fence S.; on W. end of a corrugated steel culvert; chiseled cross	1112.85
27 9.8	UE, at quarter cor. secs. 2 and 11; T. 90 N., R. 5 W., 32 ft N. and 39 ft E. of crossroads; 4-in. NW. of a steel fence corner post; on concrete post foundation; chiseled square	1137.32
28 10.3	Edgewood, 1.0 mi S. and 0.75 mi E. of; at cor. secs. 1, 2, 11 and 12; T. 90 N., R. 5 W.; 32 ft S. and 33 ft E. of crossroads; 3 ft S. and 4 ft E. of power pole; 2 ft N. and 2 ft E. of fence corner; in concrete post; standard tablet stamped "4 LL 1964"	1124.649
29 10.3	Reference mark, 60 ft SW. of tablet; 65 ft S. and 17 ft W. of crossroads; on W. end of a 3 ft corrugated steel culvert; chiseled cross	1127.07
30 11.1	UE, about 0.25 mi W. of cor. secs. 1, 6, 7 and 12; T. 90 N., Rs. 4 and 5 W., 13 ft S. and 30 ft E. of T-rd. W.; and about 5 ft lower, on S. end of corrugated steel culvert; chiseled cross	1103.69
31 11.6	Edgewood, 0.75 mi S. and 1.75 mi E. of; 250 ft W. of St. Hwy. 3; 38 ft S. of gravel rd., 5 ft E. of powerline pole; 2 ft E. of fence corner; in concrete post; flush with ground; standard tablet stamped "5 LL 1964"	1129.185
32 11.6	Reference mark, center of State Hwy. 3, at gravel rd. W.; head of vertically driven rail spike	1128.03
33 12.4	UE, 90 ft W. and 17 ft N. of intersection of State Hwys. 3 and 38; on W. concrete curb of gutter leading N.; chiseled square	1159.06
34 13.1	UE, near quarter cor. secs. 5 and 8, T. 90 N., R. 4 W., 41 ft N. of State Hwy. 3; 14 ft E. of field entrance N.; 54 ft SE. of an abandoned windmill, on E. end of corrugated steel culvert; chiseled cross	1115.09
35 13.9	UE, 0.25 mi E. of cor. secs. 4, 5, 8 and 9; T. 90 N., R. 4 W., 59 ft N. and 25 ft W. of T-rd. S.; 3 ft N. of a telephone pole; 0.5 ft S. of fence corner; on top of a RR. rail projecting 7-in.	1069.72
36 14.1	Edgewood, 1.0 mi S. and 4.25 mi E. of; at quarter cor. secs. 4 and 9, T. 90 N., R. 4 W.; 64 ft S. and 18 ft E. of T-rd. N.; 18 ft E. of center of gate; 1 ft N. of fence; in concrete post; standard tablet stamped "6 LL 1964"	1105.866
37 14.2	Reference mark, about 115 ft NNW. of tablet; 50 ft N. and 25 ft W. of T-rd. N.; on W. end of concrete pipe culvert; chiseled square	1101.18
41 15.0	UE, in NW 1/4 sec. 10, T. 90 N., R. 4 W., 38 ft N. of Hwy. 3, on W. end of N. 2 ft concrete headwall of drop culverts; chiseled square	989.22
42 15.6	UE, in NE 1/4 sec. 10, T. 90 N., R. 4 W., 82 ft W. from T-rd. S.; 59 ft SW. of W. end of old gate; 27 ft E. of small vertical limestone outcrop, on top of limestone bedrock flush with ground; chiseled square	850.91
43 16.3	UE, 5 ft E. of NW. corner of bridge over Elk Creek; 12 ft N. of State Hwy. 3; on concrete bridge railing; chiseled square	814.74
44 17.2	Colesburg, 3.5 mi W. of; near quarter cor. secs. 1 and 2; T. 90 N., R. 4 W., 153 ft E. of a N.-S. fence; 57 ft S. and 22 ft E. of hwy. 3 at drive N.; 1 ft N. and 2 ft E. of a powerline pole; and 1 ft N. of fence line; in concrete post; standard tablet stamped "7 LL 1964"	1006.852

<u>LINE 7 (Cont'd)</u>	<u>ELKADER NO 3 QUAD. - 190</u>	<u>Feet</u>
1 28 4.0	UE 1 A, 0.5 mi S. of tablet; along Co. gravel rd., 32 ft S. and 30 ft W. of T-rd. N.; 10 ft E. of center of field entrance S.; 8 ft NW. of power pole; on top E. end of corrugated steel culvert; punched hole; painted square; (3.6 ft lower than rd.)	1001.45
29 4.7	UE 1 B, about 1.3 mi S. from tablet; at N. quarter cor. sec. 18, T. 89 N., R. 5 W.; 36 ft N. and 35 ft E. of T-rd. E.; at an off-set crossroads, in W. side of power pole; in fence corner; head of spike nail	990.87
30 5.2	UE 1 C, Manchester, about 2.5 mi N. and 0.7 mi W. of intersection of U.S. Hwy. 20 and State Hwy. 13 at; just N. of center of sec. 18, T. 89 N., R. 5 W., 11 ft N. of center of rd., on top of N. concrete wingwall at W. end of bridge over narrow portion of lake; chiseled square	946.98
31 6.0	UE 1 D, Manchester, 2.3 mi N. of; from intersection of U.S. Hwy. 20 and State 13; at; along Hwy. 13, about 0.2 mi SW. of center of sec. 17, T. 89 N., R. 5 W., 92 ft S. and 21 ft E. of T-rd. W.; 44 ft W. of right-of-way fence, on top of and 1 ft N. of S. end of concrete box culvert; chiseled square	953.01
32 6.4	Reference mark, 250 ft SW. of tablet; about 175 ft E. of Y-rd. W.; at bend in Hwy. N., 54 ft S. of center of Hwy., 6 ft N. of right-of-way fence, in N. side of power pole; head of rail spike	952.72
33 6.5	Manchester, about 1.7 mi N. of intersection of U.S. Hwy. 20 and State Hwy. 13 at; along State Hwy. 13, about 0.3 mi NW. of center of sec. 20, T. 89 N., R. 5 W., about 0.1 mi W. of bridge over Honey Creek; about 0.1 ft E. of bend N. in Hwy. at Y-rd. W.; 65 ft N. of center of Hwy. at drive N. to old unpainted two story farmhouse, 1.9 ft lower than center of Hwy., 7 ft S. of large billboard, 3 ft NW. of fence corner, on top of concrete post; flush with ground; standard tablet stamped "2 JRE 1964 951"	951.230
34 6.9	UE 2 A, about 0.5 mi SE. of tablet; along State Hwy. 13, at triangle intersection of Hwy. 13 at bend S., N.-S. Co. rd. "H" and Co. rd. E.-W.; 21 ft S. and 27 ft W. of crossroad (N.-S. Co. "H" and E.-W. Co. rd.) 28 ft N. of large E.-W. power line, on top of S. end of corrugated steel culvert near stop sign; punched hole and painted square	957.09
35 7.5	UE 2 B, about 0.4 mi SE. from tablet; along State Hwy. 13 thence 0.6 mi E. along Co. gravel rd. about 0.2 mi W. of center of sec. 21, T. 89 N., R. 5 W.; about 150 ft E. of field entrance S., 33 ft S. of center of rd., in N. side of N. power pole of two pole large power line; head of spike nail	959.92
36 7.9	UE 2 C, about 0.4 mi SE. from tablet; along State Hwy. 13; thence 1.1 mi E. along Co. gravel rd. about 0.3 mi E. of E. quarter cor. sec. 21; T. 89 N., R. 5 W., 32 ft S. of center of rd. in N side of power pole in fence line; head of nail spike	990.83
37 8.3	UE 2 D, about 0.4 mi SE. from tablet along State 13, thence 1.5 mi E. along Co. gravel rd., near E. quarter cor. sec. 21, T. 89 N., R. 5 W., about 0.1 mi E. of large white farmhouse on S. side of rd., 24 ft N. and 11 ft W. of center of rd. at a T-rd. S.; and a long drive N., 12 ft SE. of W. gate corner, on top of W. end of corrugated steel culvert; punched hole; painted square	987.52
39 8.9	UE 2 E, about 0.4 mi SE. from tablet; along State Hwy. 13, thence about 2.0 mi E. along Co. gravel rd., near center of sec. 22, T. 89 N., R. 5 W., about 0.1 mi E. of large white farmhouse on N. side of rd., about 85 ft E. of T-fence S.; 35 ft S. and 17 ft E. of center of rd. at drive to a pig lot N., in S. side of power pole; in fence line; head of nail spike	1037.51
40 9.5	Manchester, 1.5 mi N. from intersection of U.S. Hwy. 20 and State Hwy. at; thence 2.5 mi E. along Co. gravel rd. about 0.1 mi E. of W. quarter cor. sec. 23, T. 89 N., R. 5 W.; about 0.1 mi E of crossroads; about 0.1 mi W. of large white farm house on N. side of rd., 67 ft W. of T-fence N., 33 ft N. and 13 ft E. of center of rd. at field entrance N.; 0.4 ft higher than center of rd.; 3 ft NE. of telephone pole; on top of concrete post flush with ground a standard tablet stamped "3 JRE 1964 1022"	1021.738

LINE 8 (Cont'd)	ELKADER NO 3 QUAD. - 190	Feet
2 5 1.6 UE L 73 C, Greeley, 2.0 mi S. and 1.5 mi W. of; near SE. cor. sec. 36, T. 90 N., R. 5 W., 29 ft N. and 36 ft W. of T-rd. W.; 14 ft SE. of fence, on top at S. corner of concrete curb around power station (T-power line W.) chiseled square		1093.63
6 2.0 UE L 73 D, Greeley, 1.5 mi S. and 1.5 mi W. of; near E. quarter cor. sec. 36, T. 90 N., R. 5 W., 10 ft S. and 32 ft E. of center of rd. at field entrance E., 1 ft W. of a fence, in W. side of telephone pole; head of nail spike		1106.03
7 2.6 UE L 73 E, Greeley, 1.0 mi S. and 1.5 mi W. of; near SE. cor. sec. 25, T. 90 N., R. 5 W., 24 ft S. and 32 ft E. of crossroads; 14 ft NW. of fence corner; on top of E. end of corrugated steel culvert; punched hole; and painted square		1119.58
8 3.1 Reference mark, 340 ft SW. of tablet; 35 ft W. of center of rd., 5 ft E. of field rd., 2 ft W. of fence, in E. side of power pole; in large N.-S. power line head of spike nail		1148.71
9 3.2 Greeley, 0.3 mi S. and 1.5 mi W. of; about 0.2 mi N. of E. quarter cor. sec. 25, T. 90 N., R. 5 W., 58 ft S. and 35 ft E. of center of rd. at drive N. to new white farmhouse owned by Mr. J. G. Engleken, 60 ft W. of NW. corner of red barn, 23 ft S. of a power pole; 3 ft SW. of 14-in. pine, 1 ft N. of fence corner; of cow lot, on top of concrete post flush with ground; a standard tablet stamped "4 JRE 1964 1142"		1141.846
10 3.6 UE 4 A, Greeley, 1.5 mi W. of; near NE. cor. sec. 25, T. 90 N., R. 5 W., 26 ft S. and 17 ft E. of crossroads; 20 ft NW. of fence corner, on top of E. end of steel corrugated culvert; punched hole; painted square		1133.03
13 4.3 UE 4 B, Greeley, about 0.6 mi N. and 1.5 mi W. of; just N. of E. quarter cor. sec. 24, T. 90 N., R. 5 W., 45 ft S. and 31 ft E. of crossroads; (Co. rd. "E" NW.-SE.) 2 ft NE. of a fence corner, in W. side of power line; head of spike nail		1146.77
14 4.7 UE 4 C, Greeley, 1.0 mi N. and 1.5 mi W. of; near NE. cor. sec. 24, T. 90 N., R. 5 W., 14 ft E. of center of rd., 18 ft W. of right-of-way fence, on top of S. end of E. side of and 11 ft wooden bridge; copper nail and washer		1113.18
15 5.1 UE 4 D, Greeley, 1.5 mi N. and 1.5 mi W. of; near E. quarter cor. sec. 13, T. 90 N., R. 5 W., about 120 ft N. of T-fence E. at a pig lot; 16 ft E. of center of rd., 17 ft W. of right-of-way fence; on top of E. end of corrugated steel culvert; punched hole; and painted square		1119.96
16 5.6 UE 4 E, Greeley, 2.0 mi N. and 1.5 mi W. of; near NE. cor. sec. 13, T. 90 N., R. 5 W., 49 ft N. and 23 ft E. of center of rd. at RR. crossing (at offset crossroads) 26 ft S. of center of rd. at field entrance W.; 11 ft NW. of center of NE. trending field entrance, 12 ft SW. of power pole; on top of NW. end of corrugated steel culvert; punched hole; painted square		1149.56
17 6.3 UE 4 F, Greeley, about 2.5 mi N. and 1.5 mi W. of; just N. of E. quarter cor. sec. 12; T. 90 N., R. 5 W.; 26 ft E. of center of rd., 12 ft W. of right-of-way fence; 26 ft S. and 13 ft W. of power pole; on top of E. end of steel corrugated culvert; punched hole; painted square		1112.75
19 6.8 UE, about 0.25 mi W. of cor. secs. 1, 6, 7 and 12; T. 90 N., Rs. 4 and 5 W., 13 ft S. and 30 ft E. of T-rd. W.; and about 5 ft lower, on S. end of corrugated steel culvert; chiseled cross (also described in Line 6)		1103.69

LINE 10 (Cont'd)

ELKADER NO 3 QUAD. - 190

Feet

- 3 37 13.9 UE 12 E, near N. quarter cor. sec. 12; T. 90 N., R. 6 W., 32 ft N. and 3 ft E. of T-rd. S., 3 ft E. of T-fence E.; on S. side of power pole; head of nail spike 1176.78
- 38 14.4 "2 LL 1934" (described in Line 4) 1143.424

LINE 11

NORTH THENCE EAST FROM NEAR CENTER (J.R. Ennis, 1964; CV 1724)

ELKADER NO 3 QUAD. - 190

- 4 6 0.0 "5 LL 1964" (described in Line 6) 1129.185
- 0.8 Reference mark, (described in Line 6) 1128.03
- 0.8 UE 5 M, about 0.7 mi N. of tablet; along State Hwy. 13; near NW. cor. of sec. 6, T. 90 N., R. 4 W., at bend in Hwy., 46 ft N. and 74 ft E. of center of Hwy. at Y-rd. NE.; 12 ft NE. of power pole; 8 ft E. of a fence; on top of weathered limestone outcrop; chiseled square 1096.08
- 7 1.3 UE 5 N, near S. quarter cor. sec. 36, T. 91 N., R. 5 W., about 1.0 mi E. of E. edge of Edgewood, 48 ft S. and 21 ft W. of center of Hwy. at T-rd. N.; 3 ft N. of fence on top of W. end of concrete pipe culvert; chiseled square 1124.29
- 8 1.9 UE 5 O, about 0.5 mi N. of Hwy. 3 along gravel rd., about 0.1 mi SE. of the center of sec. 36, T. 91 N., R. 5 W., 23 ft S. and 28 ft E. of T-rd. W.; 3 ft SE. of metal post fence corner; in W. side of power pole; head of rail spike 1174.78
- 9 2.5 UE 5 P., at sharp bend E. in rd., about 0.1 mi SW. of NE. cor. of section, 36; T. 91 N., R. 5 W., 37 ft N. and 49 ft E. of center of rd. at field entrance SE., 77 ft NE. of 12-in. lone box elder tree; 19 ft E. of NE. field entrance, 5 ft S. of a fence; in S. side of power pole; head of nail spike 1160.01
- 10 3.1 UE 5 Q, at sharp bend N. in rd., about 0.2 mi N. of S. quarter cor. sec. 30, T. 91 N., R. 4 W., 47 ft N. and 16 ft W. of center of rd. at drive SE. and E. to farmhouse with large twin maple in front yard, 30 ft S. of field entrance W.; 14 ft E. of fence; on top of W. end of a steel corrugated culvert; punched hole; painted square 1169.40
- 11 3.6 Reference mark, 211 ft SE. of tablet; about in center of N.-S. field rd., 37 ft E. of center of rd., 6 ft E. of right-of-way fence; in W. side of power pole; head of nail spike 1199.42
- 12 3.7 Edgewood, 1.75 mi N. and 2.0 mi E. of; about 0.2 mi N. of center of sec. 30, T. 91 N., R. 4 W., 77 ft SW. of NW. corner of red barn, 37 ft NE. of windmill 36 ft W. of center of rd., 28 ft SW. of power pole; at SE. corner of garden; 4 ft N. and 1 ft E. of NE. gate corner; on top of concrete post; standard tablet stamped "13 JRE 1964; 1202" 1202.011
- 13 4.3 UE 13 A, about 0.5 mi NE. of tablet; along gravel rd., about 0.2 mi E. of S. quarter cor. sec. 19, T. 91 N., R. 4 W., 53 ft S. of SW. barn corner, 20 ft S. and 16 ft E. of center of rd. at drive W.; 3 ft W. of fence; on top of E. end of corrugated steel culvert; punched hole; and painted square 1126.96
- 15 5.1 UE 13 B, halfway down steep hill, about 0.1 mi NW. of E. quarter cor. sec. 19, T. 91 N., R. 4 W., 31 ft W. of center of rd., 6 ft W. of right-of-way fence, in W. side of 15-in. elm; head of rail spike 992.13
- 17 5.6 UE 13 C, about 0.2 mi NE. of SW. corner of sec. 17, T. 91 N., R. 4 W., 14 ft W. of center of rd. on top of SW. wingwall of bridge over Bear Creek; chiseled square 791.23

LINE 11 (Cont'd)

FEET

ELKADER NO. 2 QUAD. - 213

- 4 38 12.9 UE 15 C, about 0.1 mi N. of center of sec. 29, T. 92 N., R. 4 W., 9 ft N. of center of rd., 12 ft W. of E. end on the N. side of stone bridge; on top of center of wall; chiseled square 762.38
- 39 13.7 UE 15 D, at bend in rd. to E., about 0.3 mi NE. of SW. corner sec. 28, T. 92 N., R. 4 W., 18 ft W. of center of rd., 14 ft E. of fence; on top of W. end of corrugated steel culvert; punched hole; and painted square 868.78
- 40 14.4 UE 15 E., about 150 ft W. of bend in rd. N.; about 0.2 mi NW. of SE. corner of sec. 28, T. 92 N., R. 4 W., 38 ft S. and 139 ft W. of T-rd. S., in N. side of 18-in. white oak; head of rail spike 896.26
- 41 14.8 Reference mark, 108 ft W. of tablet; 38 ft S. and 27 ft W. of T-rd. S.; on top of W. end of concrete pipe culvert; chiseled square 749.87
- 42 14.8 Elkport, 1.0 mi N. and 1.75 mi W. of; about 0.1 mi SE. of W. quarter cor. sec. 27, T. 92 N., R. 4 W., 17 ft S. and 76 ft E. of T-rd. S.; on top of SE. corner of concrete box culvert headwall; a standard tablet stamped "16 JRE 1964 750" 753.092
- 44 15.6 UE 16 A, about 0.6 mi E. of tablet; along concrete Co. rd. "G", just W. of bend in rd., about 0.2 mi E. of center of section 27, T. 92 N., R. 4 W., 22 ft S. and 17 ft W. of center of Hwy. at field entrance S.; on top of S. end of concrete pipe culvert; chiseled square 818.02
- 46 16.4 UE 16 B, just W. of bridge over Volga River; near S. quarter cor. sec. 26, T. 92 N., R. 4 W.; 63 ft N. and 18 ft W. of center of Hwy. at rd. N.-NE., 18 ft S. of center of drive; 55 ft NE. of power pole; on top of W. end of steel corrugated culvert; punched mark; painted square 660.99
- 47 17.3 UE 16 C, at bridge over Turkey River between Elkport and Garger; 12 ft N. of center of rd., 6 ft E. of NW. corner of bridge; on top of concrete sidewalk chiseled square 668.39

ELKADER NO. 3 QUAD. - 190

- 48 17.7 Garber, in; just E. of W. quarter cor. sec. 36, T. 92 N., R. 4 W., in NW. cor. of city park, 40 ft S. and 18 ft W. of T-street N.; 32 NE. of NE. corner of large metal bldg. 5 ft E. of power pole; on top of concrete post projecting 1-in. a standard tablet stamped "17 JRE 1964 660" 659.762
- 49 17.8 Reference mark, 212 ft NE. of B.M., 35 ft N. and 26 ft W. of cross-streets; 9 ft SE. of SE. corner of Post Office, 11 ft S. of a power pole; on top of N. end of concrete box culvert; chiseled square 660.52
- 50 18.3 UE 17 A, about 0.5 mi NE. of tablet; along gravel rd. about 0.2 mi NW. of S. quarter cor. sec. 25, T. 92 N., R. 4 W., 17 ft E. of center of rd. on top of and 2.5 ft N. of corner of concrete box culvert; chiseled square 756.13
- 51 18.9 UE 17 B, at top of hill about 0.2 mi SE. of center of sec. 25, T. 92 N., R. 4 W., 14 ft N. and 36 ft W. of center of rd. at drive NW. to farmhouse with windmill in front yard; on top N. end of concrete box culvert; chiseled square 900.02

ELKADER NO. 2 QUAD. - 213

- 52 19.6 Garnaville, 7.5 mi S. and 0.25 mi W. of; near center of $N\frac{1}{2}$ sec. 30, T. 4 N., R. 3 W., 248 ft NE. along rd. from T-rd. SE.; 155 ft NE. along rd. from rd. NNW. and 3.7 ft higher; 36 ft SE. (rt. angle) of center of rd., 1 ft SE. of SE. right-of-way fence; in concrete post; standard tablet stamped "24 T 1961 947" ; painted "BM 947.0" 946.748