

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

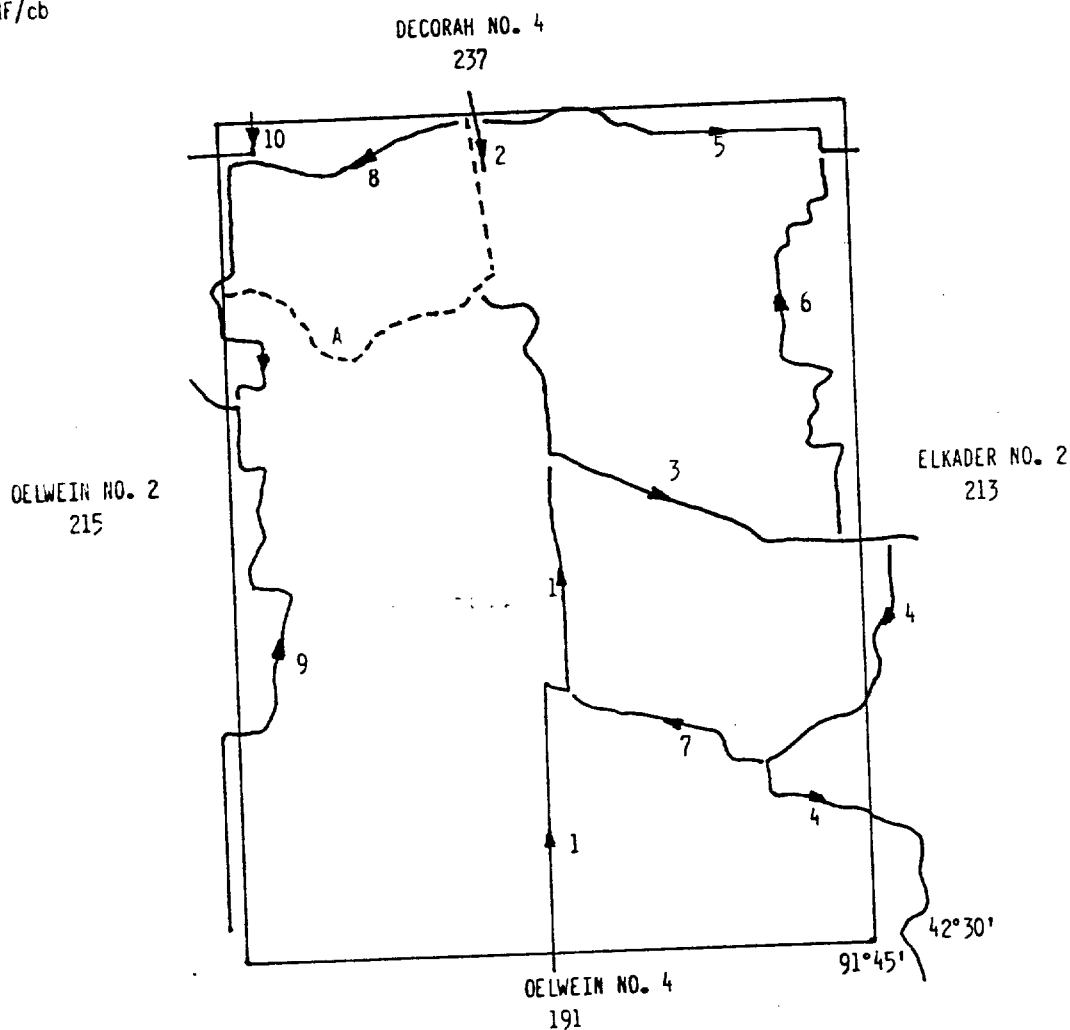
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

42-091-41
DELWEIN NO. 1 QUADRANGLE
214 - IOWA
N4245-W9130/15
DIAGRAM NK 15-6
DUBUQUE, ILL.
IOWA, WIS.

Clayton and Fayette Counties

Edition of: 3-1-78

PR: ADP/JNF/cb



N.G.S. (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle No. 420914

214 B

FEET

LINE 1

OELWEIN NO. 4 QUAD. - 191

W. E. Knouse, 1964; Book Cv-1738

- | | | |
|------|---|----------|
| 12.0 | Reference mark, 330 ft S. of tablet; about 250 ft S. and 36 ft W. of crossroads; in E. side of a power line pole numbered 3R 35 E1; R.R. spike | 1186.20 |
| 12.1 | Arlington, 2 mi E. from; 4 mi N. and 4.5 mi W. of Strawberry Point; corner secs. 26, 25, 35 and 36; I. 92 N., R. 7 W., 103 ft N. and 35 ft W. of crossroads, 1 ft E. of fence, 11 ft N. of telephone pole; in concrete post; standard tablet stamped "7 WEK 1964" | 1184.281 |
| 12.6 | UE 7 WEK A, about 0.5 mi N. of tablet; near quarter cor. secs. 25, 26, I. 92 N., R. 7 W., 11 ft S. and 31 ft W. of field entrance W.; 84 ft S. of T-fence W.; on S. end of concrete pipe culvert; chiseled square | 1178.73 |
| 13.1 | UE 7 WEK B, about 1 mi N. from tablet; near cor. secs. 23, 24, 25 and 26; I. 92 N., R. 7 W., 16 ft N. and 24 ft E. of crossroads; on N. end of corrugated steel culvert; chiseled cross | 1208.84 |
| 13.6 | UE 7 WEK C, about 1.5 mi N. from tablet; near co. secs. 23, 24, I. 92 N., R. 7 W., 31 ft N. and 16 ft E. of crossroads; on E. end of corrugated steel culvert; chiseled cross | 1218.53 |
| 14.3 | UE 7 WEK D, about 2 mi N. of tablet; near cor. secs. 13, 14, 23 and 24; I. 92 N., R. 7 W., 120 ft N. and 16 ft E. of field entrance W.; on E. end of N. one of two corrugated steel culverts; chiseled cross | 1154.52 |
| 14.8 | UE 7 WEK E, near quarter cor. secs. 13 and 14; I. 92 N., R. 7 W., about 180 ft S. and 17 ft W. of road at field entrance E.; about 3 ft lower than road; on NW. corner of 5 ft box culvert; chiseled square | 1134.34 |
| 15.1 | Reference mark, about 80 ft SE. of tablet; 40 ft S. and 17 ft W. of T-rd. W.; on W. end of concrete pipe culvert; chiseled square | 1151.27 |
| 15.1 | Arlington, 2.5 mi N. and 2.5 mi E. from; near cor. secs. 11, 12, 13 and 14; I. 92 N., R. 7 W., 33 ft N. and 42 ft W. of T-rd. W.; 1 ft S. and 2 ft W. of fence corner post; standard tablet stamped "8 WEK 1964" | 1154.232 |
| 15.7 | UE 8 WEK A, near quarter cor. secs. 11 and 12; I. 92 N., R. 7 W., about 400 ft N. and 25 ft W. of T-rd. E.; about 250 ft S. and 20 ft W. of T-rd. W.; on W. end of corrugated steel culvert; chiseled cross | 1108.68 |
| 16.2 | UE 8 WEK B, near cor. secs. 1, 2, 11, and 12; I. 92 N., R. 7 W., about 400 ft N. and 20 ft W. of field entrance W.; on W. end of corrugated steel culvert; chiseled cross | 1140.60 |
| 16.7 | UE 8 WEK C, near quarter cor. secs. 1 and 2; I. 92 N., R. 7 W., 42 ft N. and 33 ft E. of a drive W.; in W. side of telephone pole; a R.R. spike | 1118.73 |
| 17.4 | UE 8 WEK D, near cor. secs. 1, 2, 35 and 36; I. 92 and 93 N., R. 7 W., 15 ft N. and 9 ft E. of center of 30 ft wooden bridge; on NE. 2 x 12 ft wooden abutment of bridge; copper nail and washer | 895.15 |

OELWEIN NO. 1 QUAD. - 214

FEET

LINE 1 (Cont'd)

- | | | |
|------|--|----------|
| 18.0 | UE 8 WEK E, in NW $\frac{1}{4}$ sec. 36, T. 93 N., R. 7 W., 60 ft S. and 36 ft W. of junction of county road "S" and gravel road S., 11 ft S. and 36 ft W. of field entrance W.; on end of corrugated steel culvert; chiseled cross | 932.36 |
| 18.5 | Wadena, about 2 mi E. from Volga; about 3.5 mi W. and 2 mi N. from; near quarter cor. secs. 25 and 36; T. 93 N., R. 7 W.; about 0.2 mi N. of T-rd. N., 39 ft S. and 42 ft E. of a field entrance E.; 1 ft S. and 1 ft E. of fence corner post; standard tablet in concrete post; stamped "9 WEK 1964" | 925.683 |
| 18.6 | Reference mark, 80 ft NW. of tablet; 14 N. and 33 ft W. of field entrance W.; on N. end of field entrance W.; on N. end of concrete pipe culvert; chiseled square | 923.13 |
| 19.4 | UE 9 WEK A, near center of sec. 25, T. 93 N., R. 7 W., about 0.2 mi S. of crossroads; 75 ft S. and 13 ft E. of center of bridge over Volga River; 2 ft S. and 5 ft E. of SE. vertical "I" beam of bridge; on top SE. concrete wingwall of bridge; chiseled square | 843.10 |
| 20.0 | UE 9 WEK B, near quarter cor. ecs. 24 and 25, T. 93 N., R. 7 W., 24 ft S. and 31 ft W. of drive W. of drive W.; in E. side of power pole; a R.R. spike | 986.94 |
| 20.0 | UE 9 WEK C, near center of sec. 24, T. 93 N., R. 7 W., 29 ft S. and 12 ft W. of center of small steel bridge; 70 ft N. and 12 ft W. of road at drive W.; on SW. concrete abutment of bridge and 1 ft lower than bridge; chiseled square | 873.72 |
| 21.0 | UE 9 WEK D, near quarter cor. between secs. 13 and 24; T. 93 N., R. 7 W., about 200 ft N. and 16 ft W. of road at drive SE. on W. end of corrugated steel culvert; chiseled cross | 909.86 |
| 21.6 | UE 9 WEK E, near center of sec. 13, T. 93 N., R. 7 W., 20 ft S. and 32 ft E. of private drive E. on S. end of corrugated steel culvert; chiseled cross | 1039.81 |
| 22.1 | Reference mark, 160 ft SE. from tablet; 100 ft S. and 80 ft E. of road at drive S., in N. side power pole; a R.R. spike | 1102.28 |
| 22.1 | Wadena, 2 mi E. and 3 mi N. from; in SW $\frac{1}{4}$ sec. 12, T. 93 N., R. 7 W., 53 ft N. and 36 ft E. of junction of private drive S. and road SE.; 300 ft S. and 36 ft E. of roads forking S. and SW., 4 ft E. of power pole; 2 ft W. of fence; 7 ft N. and 4 ft E. of telephone pole; in concrete post; standard tablet stamped "10 WEK 1964" (Not found 9-65, J.P.R.) | 1106.096 |
| 22.9 | UE 10 WEK A, about 0.85 mi N. of tablet; in NW $\frac{1}{4}$ sec. 12, T. 93 N., R. 7 W., 120 ft S. and 18 ft W. of field entrance W.; on W. end of S. one of two corrugated steel culverts; rivet head | 1131.29 |
| 23.5 | Reference mark, about 150 ft SW. of tablet; 65 ft S. and 155 ft W. of junction of county road "B" and State Hwy. 56; 65 ft S. and 14 ft E. of Hwy. 56 W., private drive S.; on E. end of concrete pipe culvert; chiseled square | 1172.54 |

OELWEIN NO. 1 QUAD. - 214

FEET

LINE 1 (Cont'd)

- 23.6 Brainard, 4 mi E. and 2.5 mi S. from; in NW $\frac{1}{4}$ sec. 1, T. 93 N., R. 7 W., 74 ft N. and 63 ft W. of junction of county road "B" and State Hwy. 56; 6 ft E. of power pole; 1 ft S. of fence, in concrete post; standard tablet stamped "11 WEK 1964" 1178.4-6

LINE 2

DECORAH NO. 4 QUAD. 237

W. E. Knouse, 1964; Book CV-1738

- 0.0 Clermont, 87 ft W. of NW. corner of Chicago, Rock Island and Pacific R.R. station, 70 ft W. of center of main track, in NE. corner of city park, 35 ft S. of center of Main Street (U.S. Hwy. 18) a USC&GS standard disk stamped "H 12 1933" set in top of a concrete post 859.565

OELWEIN NO. 1 QUAD. 214

- 0.5 UE H 12 AA, in SE $\frac{1}{4}$ sec. 34, T. 95 N., R. 7 W., 20 ft S. and 39 ft W. of R.R. crossing at small gravel road SE. and a drive E.; on E. side of telephone pole; a R.R. spike 859.52
- 1.0 UE H 12 BB, in NE $\frac{1}{4}$ sec. 3 T. 94 N., R. 7 W., about 0.15 mi E. of State Hwy. 172 along gravel road E.; 13 ft S. and 28 ft E. of R.R. crossing gravel road, on S. end of corrugated steel culvert 854.75
- 2.3 UE H 12 CC, in NE $\frac{1}{4}$ sec. 10, T. 94 N., R. 7 W., 114 ft N. and 15 ft W. of R.R. crossing at gravel road NE.-SW.; in E. side of power pole; a R.R. spike 815.50
- 3.- Elgin at; 78 ft NW. of NW. corner of C.R.I. & P. R.R. station, near State Hwy. 172 crossing, at milepost 85.2, 70 ft W. of center of main track; and 43 ft S. of center of hwy. a USC&GS standard disk stamped "G 12 1933" set in top of a concrete post 835.139

LINE 3

OELWEIN NO. 1 QUAD. - 214

W.E. Knouse, 1964; Book CV-1738

- 0.0 USC&GS "G 12 1933" (Described in Line 2) 835.139
- 0.8 UE G 12 A, in NW $\frac{1}{4}$ sec. 23, T. 94 N., R. 7 W., 21 ft S. and 27 ft E. of road junction, on S. end of corrugated steel culvert; chiseled cross 869.24
- 1.9 UE G 12 B, near quarter cor. secs. 23 and 24, T. 94 N., R. 7 W., 10 ft S. and 40 ft W. of I-rd. W. of I-rd. W.; on S. end of 6 ft concrete box culvert; chiseled square 849.89
- 2.1 Elgin, 1 mi S. from; about 0.3 mi S. of I-rd. W.; between S. half of sec. 23 and 24; T. 94 N., R. 7 W., 20 ft S. and 11 ft W. of center of a structural steel concrete bridge; on SW. concrete bridge; on SW. concrete curbing of bridge; a standard disk stamped "12 WEK 1964" 858.935
- 2.1 Reference mark, about 21 ft S. and 58 ft E. from tablet; about 12 ft N. and 48 ft E. of road at drive E.; on N. end of a corrugated steel culvert; chiseled square 852.37

GELWEIN NO. 1 QUAD. - 214

FEET

LINE 3 (Cont'd)

- 2.7 UE 12 WEK A, in NE $\frac{1}{4}$ sec. 26, T. 94 N., R. 7 W., about 93 ft S. and 22 ft E. of road at drive W. on E. end of concrete pipe culvert; chiseled square 870.55
- 3.5 UE 12 WEK B, between secs. 25 and 36, T. 94 N., R. 7 W., about 7 ft lower than I-rd. E.; 45 ft S. and 25 ft E. of I-rd. E.; on E. end of top and center of 4 ft concrete box culvert; chiseled square 1121.56
- 4.5 UE 12 WEK C, in SW $\frac{1}{4}$ sec. 36, T. 94 N., R. 7 W., 10 ft N. and 20 ft W. of road at drive W.; on N. end of concrete pie culvert; chiseled square 1189.44
- 5.0 Elgin, 3.5 mi S. from; 4.5 mi E. and 2.5 mi S. of Brainard; in NW $\frac{1}{4}$ sec. 1, T. 93 N., R. 7 W., 74 ft W. and 63 ft N. of junction of county road "B" and State Hwy. 56, 6 ft E. of power pole; 1 ft S. of fence; in concrete post; standard tablet stamped "11 WEK 1964" 1178.446
- 5.8 UE 11 A, about 0.8 mi E. of tablet; in sec. 1, T. 93 N., R. 7 W., 31 ft N. and 13 ft E. of drive N.; on E. end of concrete pipe culvert; chiseled square 1191.98
- 6.5 UE 11 WEK B, near quarter cor. secs. 6 and 7, T. 93 N., R. 6 W., 40 ft S. and 35 ft W. of I-rd. S.; on W. end of concrete pipe culvert; chiseled square 1199.75
- 7.0 Elgin, 4 mi S. and 2 mi E. of; near NE $\frac{1}{4}$ sec. 7, T. 93 N., R. 6 W., 62 ft N. and 206 ft W. of private drive N., 1 ft S. and 4 ft W. of fence corner post; in concrete post; standard tablet stamped "13 WEK 1964" 1210.937
- 7.0 Reference mark, about 100 ft SE. of tablet; 30 ft S. and 10 ft W. of field entrance S.; on N. end of concrete pipe culvert; chiseled square 1211.71
- 7.3 Reference mark 2, 72 ft NW. of fence corner, 29 ft S. of SW. corner of building and 13 ft NW. of NW. corner of small outhouse. The monument projects 3-in. and the disk is stamped "HIGH NO. 2 1961" 1214.191
- 7.3 Reference mark 1, 65 ft SE. of SE. corner of building and 1 ft NW. of fence corner. The monument projects 6-in. and the disk is stamped "HIGH NO. 1 1961" 1214.840
- 7.3 West Union, about 13 mi SE. of; 5 mi NE. of Wadena, in Highland Township, in NW $\frac{1}{4}$ sec. 8, T. 93 N., R. 6 W., and on property of Highland Township Hall. It is 84 ft S. of center of State Hwy 56, 34 ft SE. of NE. corner of Township Hall, 34 ft NE. of SE. corner of building and 15 ft W. of witness post and fence. Monument projects 2-in. and the USC&GS triangulation station disk is stamped "HIGH 1961". 1215.403
- 7.6 UE 13 WEK A, near center of sec. 8, T. 93 N., R. 6 W., 30 ft S. and 32 ft N. of I-rd. S.; on W. end of concrete pipe culvert; chiseled square 1212.54
- 7.8 Azimuth mark, 60 ft N. of center of hwy., 13 ft W. of field entrance, 1 ft S. of fence and 1 ft W. of witness post; the USC&GS triangulation station Azimuth mark is stamped "HIGH 1961" and projects 6-in. 1221.819

OELWEIN NO. 1 QUAD. - 214

FEET

LINE 3 (Cont'd)

- 8.1 UE 13 WEK B, near quarter cor. secs. 8 and 9, T. 93 N., R. 6 W., 95 ft N. and 55 ft W. of T-rd. N.; 4 ft S. of fence corner post; on top of R.R. iron; chiseled cross 1206.04
- 9.3 UE 13 WEK C, near cor. secs. 9, 10, 15 and 16; T. 93 N., R. 6 W., about 41 ft S. and 28 ft W. of crossroads; on W. end of concrete pipe culvert; chiseled square 1201.99
- 10.4 Volga, 4.5 mi N. and 0.5 mi E. from; near quarter cor. secs. 14 and 15; T. 93 N., R. 6 W., about 350 ft W. and 62 ft N. of crossroads; 32 ft W. of fence corner post; 1 ft S. of fence; concrete post; 1 ft S. of fence; concrete post standard tablet stamped "14 WEK 1964" 1219.209
- 10.4 Reference mark, about 200 ft SE. of tablet; 42 ft S. and 12 ft W. of drive S.; on W. concrete pipe culvert; chiseled square 1214.93
- 11.5 UE 14 WEK A, about 1 mi E. along State Hwy. 56 from tablet; near quarter cor. secs. 14 and 13; T. 93 N., R. 6 W., 38 ft N. and 67 ft E. of T-rd. N.; 38 ft N. and 12 ft W. of field road N.; on W. end of concrete pipe culvert; chiseled square 1059.68
- 12.5 Reference mark, about 50 ft NW. of tablet; 50 ft S. and 13 ft W. of T-rd. S.; on W. end of concrete pipe culvert; chiseled square 1023.14

ELKADER NO. 2 QUAD. - 213

- 12.5 Elkader 4 mi W. and 0.5 mi N. from; 4.5 mi N. and 2.5 mi E. from Volga, near quarter cor. sec. 13, T. 93 N., R. 6 W., and sec. 18, T. 93 N., R. 5 W., 63 ft S. and 24 ft E. of T-rd. S.; 6 ft E. of fence corner post; 1 ft N. of fence; in concrete post; standard tablet stamped "15 WEK 1964" 1027.082
- 13.3 UE 15 WEK A, near center of sec. 18, T. 93 N., R. 5 W., 38 ft S. and 29 ft W. of T-rd. N.; 38 ft S. and 12 ft W. of road at drive S.; on W. end of concrete pipe culvert; chiseled square 1036.76
- 14.1 UE 15 WEK B, in SW $\frac{1}{4}$ sec. 17, T. 93 N., R. 5 W., 36 ft N. and 55 ft E. of T-rd. N.; on E. end of concrete pipe culvert; chiseled square 1015.31
- 14.7 Elkader, 2 mi W. from; in NW $\frac{1}{4}$ sec. 24, T. 93 N., R. 5 W., 105 ft W. and 60 ft N. of T-rd. NE.; 60 ft W. of corner post of fence; 1 ft S. of fence; in concrete post; standard tablet stamped "16 WEK 1964" 1020.853

LINE 4

ELKADER NO. 2 QUAD. - 213

W.E. House, 1964; Book CV-1738

0.0 "15 WEK 1964" (described in Line 3)

- 0.3 UE 15 WEK AA, near corner secs. 13, 18, 19 and 24, T. 93 N., R. 5 and 6 W., 5 ft N. and 4 ft W. of center of slot culvert; on NE. end of concrete curbing; chiseled square 958.17

ELKADER NO. 2 QUAD. - 213FEETLINE 4 (Cont'd)

- 1.2 UE 15 WEK BB, near quarter cor. secs. 19 and 24, T. 93 N., Rs. 5 and 6 W., 123 ft S., 12 ft W. of road at drive NE.; on W. end of corrugated steel culvert; chiseled cross 1065.85
- 1.6 UE 15 WEK CC, near cor. secs. 19, 30, 24 and 25; T. 93 N., Rs. 5 and 6 W., 7.5 ft N. and 8 ft E. center of small concrete bridge; about 3 ft higher than floor of bridge; on N. end of E. concrete railing; chiseled square 981.78
- 2.0 UE 15 WEK DU, in NE $\frac{1}{4}$ sec. 25, T. 93 N., R. 6 W., 61 ft N. and 9 ft E. of road at field road W.; 8 ft N. and 9 ft E. of center of wooden bridge; on NE. end of bridge; on top of 4 x 6-in. wooden post; copper nail and washer 1000.87
- 2.9 Reference mark, about 77 ft SW. of tablet; between SE $\frac{1}{4}$ sec. 25 and NE $\frac{1}{4}$ sec. 36; T. 93 N., R. 6 W., 27 ft S. and 15 ft W. of crossroads; on W. end of corrugated steel culvert; chiseled cross 1165.37
- 2.9 Volga, 2 mi N. and 2 mi E. from; near W. quarter cor. secs. 25 and 36; T. 93 N., R. 6 W., 31 ft N. and 38 ft E. of crossroads; 1 ft S. of fence; 5 ft E. of fence corner post; standard tablet stamped "28 WEK 1964" 1168.261
- 3.5 UE 28 WEK A, near center of sec. 36, T. 93 N., R. 6 W., about 0.2 mi NW. of drive S.; 27 ft NW. and 10 ft SW. of road, at field entrance NW.; on SW. end of a corrugated steel culvert; chiseled cross 1156.43

OELWEIN NO. 1 QUAD. - 214

- 4.6 UE 28 WEK B, in NE $\frac{1}{4}$ secs. 2, T. 92 N., R. 6 W., 18 ft NE. of center of road on NW. end of concrete box culvert; chiseled square 1062.55
- 5.2 UE 28 WEK C, in E. central part of sec. 2, T. 92 N., R. 6 W., 21 ft S. and 20 ft E. of I-rd. N.; on S. end of concrete box culvert; chiseled square 857.07
- 5.5 UE 28 WEK D, about 100 ft SW. of I-rd. N.; 20 ft SW. of center of bridge; 10 ft NW. of center of road, on SW. end of a 40 ft bridge; chiseled square 792.96
- 6.2 Reference mark, about 260 ft E. of tablet; near quarter cor. secs. 3 and 10; T. 92 N., R. 6 W., 77 ft E. of crossroads; in S. side of power pole; a R.R. spike 796.97
- 6.2 Volga City, at; near quarter cor. secs. 3 and 10, T. 92 N., R. 6 W., about 180 ft W. of crossroads; 110 ft E. and 14 ft N. of center of bridge over Volga River; 1 ft S. and 0.5 ft E. of NE. end of N. bridge railing; in NE. corner of bridge; standard tablet stamped "29 WEK 1964" 796.464
- 6.8 UE 29 WEK A, in NE. cor. sec. 10, T. 92 N., R. 6 W., 9 ft S. and 15 ft E. of center of bridge; on E. end of S. concrete curbing of bridge; chiseled square 791.24
- 7.7 UE 29 WEK B, in SW $\frac{1}{4}$ sec. 11, T. 92 N., R. 6 W., 15 ft S. and 10 ft E. of bridge center; on E. end of S. 12 x 12 ft wooden beam; copper nail and washer 813.17

FEET

OELWEIN NO. 1 QUAD. - 214

LINE 4 (Cont'd)

- 8.5 UE 29 WEK C, between E½ cor. sec. 11 and 14; T. 92 N., R. 6 W., 21 ft S. and 98 ft E. of State Hwy. 112 at field entrance; on top of S. end of 5 ft concrete box culvert; bolt top (Iowa Hwy. Commission Temporary B.M.)

804.92

ELKADER NO. 2 QUAD. - 213

- 9.2 Volga, 0.5 mi S. and 1.5 mi E. from; in N. half sec. 13, T. 92 N., R. 6 W., 41 ft S. and 62 ft W. of drive S.; 1 ft N. of E.-W. fence; about 40 ft W. of fence corner; in concrete post; standard tablet stamped "30 WEK 1964"

867.629

- 9.2 Reference mark, about 30 ft W. of center of drive S.; 40 ft S. of center of Hwy. 112; on top of R.R. iron; chiseled cross

866.50

- 9.8 UE 30 WEK A, about 180 ft E. of State Hwy. 112 at fence N. and S.; 13 ft S. of center of State Hwy. 112, on S. end of 5 ft concrete box culvert; bolt (Iowa Hwy. Commission Temporary B.M.)

868.66

- 10.5 UE 30 WEK B, in S. central part of secs. 18, T. 92 N., R. 5 W., 78 ft S. and 18 ft E. of I-rd. S.; on top of R.R. iron; chiseled cross

965.37

- 11.2 UE, 30 WEK C, near center of secs. 19, T. 92 N., R. 5 W., about 30 ft N. of I-fence W.; 10 ft W. of fence line; on top of W. end of concrete box culvert; chiseled square; (culvert is under rd., no longer in use)

807.87

- 12.0 UE 30 WEK D, in NW¼ sec. 30, T. 92 N., R. 5 W., 19 ft S. and 8 ft E. of road at field road S.; on E. end of corrugated steel culvert; chiseled cross

897.21

ELKADER NO. 3 QUAD. - 190

- 12.7 UE 25 WEK C, in SE. corner of sec. 25, T. 92 N., R. 6 W., 20 ft S. and 59 ft E. of I-rd. E.; about 3 ft from S. end of corrugated steel culvert; on top of rivet on culvert; chiseled square

908.00

LINE 5

W.E. Knouse, 1964; Book CV-1738

DECORAH NO. 4 QUAD. - 237

- 0.0 USC&GS "H 12 1933" (described in Line 2)

859.565

OELWEIN NO. 1 QUAD. - 214

- 0.7 UE H 12 AAA, in SW¼ sec. 35, T. 95 N., R. 7 W., 9 ft N. and 48 ft E. of road at field road N.; 9 ft N. and 20 ft W. of center of small concrete bridge; on NW. concrete curb of bridge; a chiseled square

876.95

OELWEIN NO. 1 QUAD. - 214

FEET

LINE 5 (Cont'd)

- 1.4 UE H 12 888, in SE $\frac{1}{4}$ sec. 35, T. 95 N., R. 7 W., about 10 ft N. and 210 ft W. of road at drive S., 10 ft N. and 21 ft E. of center of concrete bridge; on E. end of N. concrete railing of bridge; chiseled square 927.04
- 1.9 UE H 12 000, in SW $\frac{1}{4}$ sec. 36, T. 95 N., R. 7 W., 14 ft N. of road, about 450 ft W. of road at drive N., on W. end of N. headwall of a concrete box culvert; chiseled square 965.93
- 2.6 UE H 12 000, near quarter cor. secs. 31 and 36; T. 95 N., Rs. 6 and 7 W., at line at Fayette and Clayton Counties; 37 ft S. of county road, 25 ft W. of gravel road S., on W. end of a corrugated steel culvert; chiseled cross 1139.28
- 3.0 Reference mark, in SE $\frac{1}{4}$ sec. 31, T. 95 N., R. 6 W., 36 ft N. and 107 ft W. of T-rd. N., about 55 ft N. of tablet; in S. side of power pole; a R.R. spike 1184.73
- 3.0 Clermont, 3 mi E. from; in SE $\frac{1}{4}$ sec. 31, T. 95 N., R. 6 W., 36 ft N. and 52 ft W. of T-rd. N.; 1 ft S. of fence; 4 ft W. of concrete fence corner post; in concrete post; standard tablet stamped "39 WEK 1964" 1184.763
- 3.6 UE 39 WEK A, near S $\frac{1}{4}$ cor. secs. 31 and 32; T. 95 N., R. 6 W., 23 ft S. and 64 ft W. of T-rd. S.; on S. end of a corrugated steel culvert; chiseled square 1124.54
- 4.2 UE 39 WEK B, in SE $\frac{1}{4}$ sec. 32, T. 95 N., R. 6 W., 23 ft N. and 48 ft W. of T-rd. N., on E. end of corrugated culvert; chiseled cross 1093.77
- 4.8 UE 39 WEK C, in NW $\frac{1}{4}$ sec. 4, T. 94 N., R. 6 W., about 0.2 mi NE. of road junction, 35 ft NE. and 8 ft NW. of center of bridge; on NW. corner of wooden floor of bridge; copper nail and washer 998.76
- 5.5 UE 39 WEK D, near E $\frac{1}{4}$ cor. sec. 4 and 33; Tps. 94 and 95 N., R. 6 W., about 0.1 mi E. of drive N.; 17 ft N. of center of road, about 3 ft higher than road on top center of N. concrete headwall of culvert; box type with headwall extending above ground as railing; chiseled square 1066.87
- 5.7 Reference mark, near cor. secs. 3, 4, 33 and 34; Tps. 95 and 94 N., R. 6 W., about 200 ft W. of tablet; 15 ft S. and 136 ft W. of crossroads; on top center of S. headwall of concrete box culvert; chiseled square 1074.21
- 5.8 Clermont, 0.5 mi S. and 5.5 mi E. from; near cor. secs. 3, 4, 33 and 34; Tps. 94 and 95 N., R. 6 W., 54 ft S. and 44 ft E. of crossroads; 1 ft E. of fence; 22 ft S. of fence corner post; in concrete post; standard tablet stamped "40 WEK 1964" 1079.391
- 6.6 UE 40 WEK A, near E $\frac{1}{4}$ cor. sec. 3 and 34; Tps. 94 and 95 N., R. 6 W., about 0.1 mi E. and 15 ft S. of road at drive N., on top and center of S. headwall of concrete box culvert; chiseled square 1031.32
- 7.1 UE 40 WEK B, near W $\frac{1}{4}$ cor. secs. 2 and 35, T. 94 and 95 N., R. 6 W., about 0.2 mi W. of T-rd. N.; 10 ft S. of center of road on S. end of concrete box culvert; chiseled square 1019.39

OELWEIN NO. 1 QUAD. - 214

FEET

LINE 5 (Cont'd)

- 7.5 UE 40 WEK C, near E2 cor. secs. 2 and 35; T. 94 and 95 N., R. 6 W., about 0.1 mi E. of road at drive N.; 12 ft N. and 28 ft E. of center of bridge; on E. end of N. concrete curbing of bridge; chiseled square 1013.50
- 8.1 UE 40 WEK D, N. of quarter cor. secs. 1 and 2; T. 94 N., R. 6 W., about 0.1 mi N. of T-rd. E.; 22 ft S. and 12 ft E. of center of bridge; on S. end of E. concrete curbing; chiseled square 1009.09
- 8.6 Reference mark, about 80 ft W. of tablet; near center sec. 1, T. 94 N., R. 6 W., 10 ft S. and 40 ft W. of center of bridge; on W. end of S. concrete curbing of bridge; chiseled square 1003.47
- 8.6 Clermont, 1 mi S. and 8 mi E. from center of sec. 1, T. 94 N., R. 6 W., 300 ft E. of road at field entrance N., 10 ft S. and 40 ft E. of center of bridge; in E. end of S. concrete curbing of bridge; standard tablet stamped "41 WEK 1964" 1005.035

ELKADER NO. 2 QUAD. - 213

- 9.5 UE 41 WEK A, E. of quarter cor. sec. 1 and 6; T. 94 N., R. 5 and 6 W., about 0.1 mi E. of T-rd. N.; 22 ft N. of center of road; on N. end of corrugated steel culvert; chiseled cross 1048.17
- 9.7 UE 41 WEK B, near center of secs. 6, T. 94 N., R. 5 W., 15 ft N. and 90 ft W. of road at field entrance S.; on top center of N. end of concrete box culvert; chiseled square 1006.88
- 10.2 UE 41 WEK C, near quarter cor. secs. 5 and 6, T. 94 N., R. 5 W., 18 ft N. and 70 ft W. of crossroads; on N. end of corrugated steel culvert; chiseled square 1060.12
- 11.0 UE 41 WEK D, near center sec. 5, T. 94 N., R. 5 W., 8 ft S. and 135 ft E. of road at drive N., 8 ft S. and 26 ft E. of center of bridge; on E. end of S. concrete curbing of bridge; chiseled square 968.34
- 11.7 Farmersburg, 2 mi N. and 3.5 mi W. of; near center of sec. 4, T. 94 N., R. 5 W., about 32 ft S. and 200 ft W. of crossroads; 32 ft S. and 28 ft E. of road at field entrance S.; 1 ft N. of field entrance S.; 1 ft N. of fence; in concrete post; standard tablet stamped "42 WEK 1964" 1082.658

LINE 6

OELWEIN NO. 1 QUAD. - 214

W.E. Knouse, 1964; Book CV-1738

- 0.0 "14 WEK A" (described in Line 3) 1059.68
- 0.5 UE 14 WEK AA, near cor. secs. 11, 12, 13 and 14; T. 93 N., R. 6 W., 100 ft S. and 14 ft W. of road at T-fence SE.; on W. end of corrugated steel culvert; chiseled cross 1010.76
- 1.0 UE 14 WEK BB, near quarter cor. secs. 11 and 12; T. 93 N., R. 6 W., about 450 ft S. and 18 ft E. of road at T-fence W.; on E. end of corrugated steel culvert; chiseled cross 1011.63

DEWEIN NO. 1 QUAD. - 214

FEET

LINE 6 (Con'd)

- | | | |
|-----|---|---------|
| 1.4 | UE 14 WEK CC, near NW cor. secs. 11 and 12; T. 94 N., R. 6 W., 106 ft S. and 16 ft E. of road at drive E.; on E. end of corrugated steel culvert; chiseled cross | 951.45 |
| 2.1 | Reference mark, about 37 ft NE. from tablet; in NW sec. 1, T. 93 N., R. 6 W., 39 ft S. and 57 ft E. of T-rd. S.; in NW. side of power pole; a R.R. spike | 937.26 |
| 2.1 | Elkader, 3 mi N. and 5.5 mi W. of; in NW sec. 1, T. 93 N., R. 6 W., 75 ft S. and 46 ft E. of T-rd. S.; 1 ft W. of fence, 32 ft S. of fence corner post; in concrete post; standard tablet stamped "44 WEK 1964" | 935.017 |
| 2.8 | UE 44 WEK A, near center of sec. 2, T. 93 N., R. 6 W., 20 ft N. and 74 ft E. of crossroads; on N. end of a corrugated steel culvert; chiseled square | 950.80 |
| 3.2 | UE 44 WEK B, in N. central part of sec. 2, T. 93 N., R. 6 W., 8 ft S. and 30 ft E. of road at field entrance E.; on S. end of corrugated steel culvert; chiseled cross | 903.19 |
| 3.8 | UE 44 WEK C, in SE sec. 35, T. 94 N., R. 6 W., 27 ft S. and 24 ft E. of road at drive W.; on E. end of corrugated culvert; chiseled cross | 850.59 |
| 4.4 | UE 44 WEK D, near NW cor. sec. 35 and 36, about 125 ft W. and 35 ft S. of road junction 35 ft S. and 15 ft E. of road at field entrance S.; on E. end of corrugated steel culvert; chiseled cross | 805.44 |
| 4.8 | UE 44 WEK E, in NE sec. 35, T. 94 N., R. 6 W., 102 ft E. and 12 ft S. of road at drive NE.; 12 ft S. and 30 ft W. of center of bridge; on W. end of S. concrete curbing of bridge; a chiseled square | 788.16 |
| 5.3 | UE 44 WEK F, in NW sec. 35, T. 94 N., R. 6 W., 23 ft S. and 48 ft E. of T-rd. S., on the S. end of a corrugated steel culvert; chiseled cross | 814.62 |
| 5.7 | Reference mark, about 330 ft S. of tablet; in SW sec. 26, T. 94 N., R. 6 W., about 230 ft N. and 10 ft E. of T-rd. N.; 162 ft S. and 10 ft E. of center of bridge; on S. end E. concrete curbing of bridge over Turkey River; chiseled square | 779.94 |

FEET

LINE 6 (Cont'd)

OELWEIN NO. 1 QUAD. - 214

- 5.7 Elkader, 4.3 mi N. of and 6.5 mi W. from; near SW $\frac{1}{4}$ sec. 26; T. 94 N., R. 6 W., about 560 ft N. and 10 ft W. of I-rd. N.; 162 ft N. and 10 ft W. of center of bridge over Turkey River; in N. end of W. concrete curbing of bridge; standard tablet stamped "45 WEK 1964" 779.991
- 6.7 UE 45 WEK A, near SX cor. sec. 22 and 23; T. 94 N., R. 6 W., 60 ft N. and 10 ft W. of road at drive W.; 30 ft S. and 10 ft W. of road at drive E.; on top of N. end of W. headwall of concrete box culvert; chiseled square 868.63
- 7.3 UE 45 WEK B, near NX cor. sec. 22 and 23; T. 94 N., R. 6 W., 150 ft N. and 10 ft W. of road at drive SW.; 90 ft N. and 10 ft W. of road at I- fence E.; on S. end of W. headwall of concrete box culvert; chiseled square 939.12
- 7.9 UE 45 WEK C, near quarter cor. secs. 14 and 15; T. 94 N., R. 6 W., about 370 ft S. and 14 ft W. of I-rd. S.; on W. end of corrugated steel culvert; punched hole 1046.09
- 8.2 UE 45 WEK D, in NW $\frac{1}{4}$ sec. 14, T. 94 N., R. 6 W., about 60 ft S. and 14 ft W. of junction of gravel roads, on N. end of W. wingwall of concrete box culvert; chiseled square 990.69
- 8.5 Reference mark, about 120 ft W. of tablet; near WX cor. sec. 11 and 14; T. 94 N., R. 6 W., 14 ft N. and 45 ft W. of I-rd. S.; on top of center of N. headwall of a concrete box culvert; chiseled square 1056.33
- 8.6 Gunder, 0.5 mi S. from; 7.75 mi W. from Farmersburg; near WX cor. sec. 11 and 14; T. 94 N., R. 6 W., 33 ft N. and 74 ft E. of I-rd. S.; 12 ft E. of fence corner post; in concrete post; standard tablet stamped "46 WEK 1964" 1061.256
- 9.0 UE 46 WEK A, near EX cor. sec. 11 and 14; T. 94 N., R. 6 W., 13 ft N. and 24 ft W. of road at drive E.; on N. end of corrugated steel culvert; punched hole 1038.24

LINE 6 (Cont'd)

OELWEIN NO. 1 QUAD. - 214

FEET

- 9.6 UE 46 WEK B, at Gunder, in E. central part of sec. 11, T. 94 N., R. 6 W., 24 ft N. and 62 ft E. of I-rd. S.; 24 ft N. and 14 ft W. of road at drive N.; on W. end of a corrugated steel culvert; a punched hole 1108.63
- 10.2 UE 46 WEK C, near quarter cor. secs. 11 and 12; T. 94 N., R. 6 W., about 130 ft N. and 11 ft W. of road at drive W.; on top center of W. headwall of concrete box culvert; chiseled square 1027.21
- 10.9 UE 40 WEK D" (Described in Line 5) 1009.09

LINE 7

W.E. Knouse, 1964; Book CV-1738

OELWEIN NO. 1 QUAD. - 214

- 0.0 "29 WEK 1964" (Described in Line 4) 796.464
- 0.9 UE 29 WEK AA, near quarter cor. secs. 4 and 9, T. 92 N., R. 6 W., 23 ft N. and 81 ft W. of road junction; on W. end of a corrugated steel culvert; punched hole 827.53
- 1.5 UE 29 WEK BB, near center of sec. 4, T. 92 N., R. 6 W., 39 ft S. and 32 ft E. of road at drive N., in W. side of power pole; a R.R. spike 809.18
- 2.1 UE 29 WEK CC, near the N½ cor. secs. 4 and 5; T. 92 N., R. 6 W., 27 ft S. and 245 ft E. of road at N.-S. fence; on S. end of corrugated steel culvert; punched hole 898.14
- 2.6 Reference mark, about 60 ft NE. of tablet; in NE¼ sec. 5, T. 92 N., R. 6 W., about 400 ft E. from I-rd. S.; 19 ft N. of center of road on S.E. end of N. headwall of 30 ft concrete box culvert; chiseled square 837.54
- 2.7 Volga, 0.75 mi N. and 1.5 mi W. of; in NE¼ sec. 5, T. 92 N., R. 6 W., about 350 ft E. of I-rd. S.; 19 ft S. of center of road, in NW. end of S. headwall of concrete box culvert; standard tablet stamped "47 WEK 1964" 837.944
- 3.5 UE 47 WEK A, T. 92 N., R. 6 W., 42 ft S. and 14 ft E. of road at drive S.; on E. end of corrugated steel culvert; punched hole 856.08
- 4.3 UE 47 WEK B, near S½ cor. secs. 31 and 36; T. 92 N., R. 6 and 7 W., 32 ft N. and 130 ft E. of I-rd. S.; 32 ft N. and 13 ft E. of road at drive N.; on E. end of corrugated steel culvert; punched hole 869.83
- 5.1 "9 WEK 1964" (Described in Line 1) 925.683

LINE 3

FEET

M.E. Knouse, 1964; Book CV-1726

DECORAH NO. 4 QUAD. - 337

0.0 USC&GS "H 12 1933" (described in Line 2)

859.565

CELWEIN NO. 1 QUAD. - 214

0.5 UE H 12 A, in Clarmont, about 0.5 mi. Sw. along Hwy. 18 from tablet; on bridge over Turkey River; about 120 ft Sw. and 18 ft Nw. from center of bridge; 0.5 ft E. of S. end of W. rail of bridge; chiseled square

847.26

1.1 UE H 12 B, about 1 mi. Sw. from tablet along Hwy. 18, in SE. corner sec. 33; T. 95 N., R. 7 W., 26 ft S. of Hwy. 18 and 25 ft W. of private drive on S. end of 2 ft concrete box culvert; a chiseled square

953.71

2.0 UE H 12 C, near cor. secs. 4, 5, 32 and 33; T. 95 and 94 N., R. 7 W., about 200 ft W. of I-rd. S.; 30 ft N. of Hwy. 18 and 20 ft E. of private drive on E. end of corrugated steel culvert; a chiseled cross

1054.87

2.7 UE H 12 D, in NW¼ sec. 5, T. 94 N., R. 7 W., about 100 ft W. of drive S.; 50 ft S. of Hwy. 18 on N. side of power pole; a R.R. spike

1063.00

BM, 5.95 mi. easterly along U.S. Hwy. 18 from the main intersection in West Union, 1-1 ft E. of the center of a gravelled road going S., 47 ft E.-NE. of a power pole and 1 ft NW. of a metal witness post in a fenceline. A standard disk stamped "1 WEK RESET 1976", crimped to the top of a 5/8 in. copper coated rod with a steel plate bolted at the bottom, encased in a tile with gravel and projects 1-in. above the ground surface.

1060.174

3.6 UE 1 WEK A, about 0.5 mi. W. along Hwy. 18 from tablet; 19 ft N. and 9 ft E. of Hwy. 18 at a field road N.; 13 ft S. of cement cor. post; on E. end of corrugated steel culvert; chiseled cross

1110.71

4.0 UE 1 WEK B, about 1 mi. W. along Hwy. 18 from tablet; near cor. secs. 1, 6, 31 and 36; T. 94 N., R. 7 and 8 W., 44 ft S. and 10 ft W. of I-rd. S.; 8 ft N. of corner post; on W. end of corrugated steel culvert; chiseled cross

1153.92

4.6 UE 1 WEK C, in N. half of sec. 1, T. 94 N., R. 8 W., about 15 ft S. and 200 ft E. of I-rd. N.; on S. end of 2 ft concrete box culvert; chiseled square

1174.62

5.2 UE 1 WEK D, about 2 mi. E. from tablet; along Hwy. 18; between secs. 1 and 2; T. 94 N., R. 8 W., 32 ft S. and 23 ft E. of I-rd. S.; on E. end of corrugated steel culvert; chiseled square

1192.27

CELWEIN NO. 2 QUAD. - 215

5.2 Azimuth mark is 51 ft E. of telephone pole; 33 ft S. of center of Hwy. 18, 1 ft N. of a wire fence and 1 ft W. of a witness post; the monument projects 6-in. and the disk is stamped "TURKEY 1961"

1221.868

OELWEIN NO. 2 QUAD. - 215

FEET

LINE 8 (Cont'd)

- 5.2 Reference mark 1, 66 ft NE. of NE. corner of brick house, 55 ft N. of NW. corner of small brick bldg. and 11 ft S. of E.-W. row of fir trees. The monument is flush and the USC&GS triangulation station is stamped "TURKEY NO. 1 1961" 1224.874
- 5.2 Clermont, about 5 mi W. of; about 3.5 mi NE. of West Union, in the NW $\frac{1}{4}$ sec. 14 (probably sec. 2) T. 94 N., R. 9 W., and is on property of Mr. Clyde Blunt. 13.5 ft N. of NE. corner of frame chicken house, 74 ft NW. of NW. corner of brick house and 17 ft S. of an E.-W. row of fir trees; Monument is flush and the USC&GS triangulation disk is stamped "TURKEY 1961" 1228.036
- 5.2 Reference mark 2, 18 ft NE. of 20-in. elm tree; and 30 ft W. of NW. corner of brick house; monument is flush and disk is stamped "TURKEY NO. 2 1961" 1229.725
- 5.9 UE 1 WEK E, at sec. cor. 1, 2, 11 and 12; T. 94 N., R. 8 W., 24 ft N. and 31 ft W. of I-rd. W.; on N. end of a concrete pipe culvert; chiseled square 1127.28
- 6.7 UE 1 WEK F, between S. halves of sec. 11 and 12; T. 94 N., R. 8 W., 18 ft S. 33 ft W. of cross-roads; on top of center of S. and of concrete box culvert; chiseled square 1164.29
- 7.4 West Union, 3 mi E. of; Clermont, 2.5 mi S. and 4 mi W. of; between secs. 13 and 14; T. 94 N., R. 8 W., about 180 ft S. of concrete triple garage; 12 ft S. and 36 ft W. of field entrance W.; 2 ft S. and 2 ft W. of fence corner; 1.5 ft E. of power transmission pole; in concrete post; a standard tablet stamped "2 WEK 1964" 1194.823
- 7.4 Reference mark, 61 ft E. and 18 ft S. of tablet; 10 ft N. of field entrance E.; on N. end of concrete pipe culvert; chiseled square 1191.39
- 7.8 UE 2 WEK A, about 0.7 mi SW. from tablet; along gravel road, in SE $\frac{1}{4}$ sec. 14, T. 94 N., R. 8 W., 9 ft NW. and 25 ft NE. from private drive SE.; 17 ft SW. of center of bridge; SW. abutment of small wooden bridge; copper nail and washer 1000.88
- 8.4 UE 2 WEK B, about 1.1 mi SW. of tablet; in NE. corner of sec. 23, T. 94 N., R. 8 W., about 700 ft SE. of bridge over Otters Creek; 16 ft W. of center of gravel road, on W. end of 4 ft corrugated steel culvert; chiseled cross 1006.75
- 9.1 UE 2 WEK C, in SE $\frac{1}{4}$ sec. 23, T. 94 N., R. 8 W., about 0.2 mi N. of I-rd. N.; 16 ft W. and 95 ft S. of field road W.; on W. end of 10 ft corrugated steel culvert; chiseled cross 1095.93
- OELWEIN NO. 1 QUAD. - 214
- 9.5 Reference mark, about 180 ft NW. of tablet; 16 ft N. of road on N. end of corrugated steel culvert; chiseled cross 1152.06
- 9.5 Brainard, 1.5 mi W. from; West Union, 1 mi S. and 3 mi E. from; 36 ft S. and 13 ft E. of entrance to Pleasant Grove cemetery; 6 ft E. and 1 ft S. of E. gate post at entrance; in concrete post; a standard tablet stamped "3 WEK 1964" 1159.503

OELWEIN NO. 1 QUAD. - 214FEETLINE 8 (Cont'd)

- 10.0 UE 3 WEK A, at quarter cor. secs. 24 and 25; T. 94 N., R. 8 W., 24 ft N. and 14 ft E. of T-rd. S.,
on E. end of corrugated steel culvert; chiseled cross 1197.64
- 10.5 UE 3 WEK B, near center of sec. 25, T. 94 N., R. 8 W., 9 ft S. and 18 ft W. of drive W.; on S.
end of corrugated steel culvert; chiseled cross 1175.52
- 11.0 UE 3 WEK C, near quarter cor. secs. 25 and 36; T. 94 N., R. 8 W., 35 ft N. and 34 ft E. of T-rd. N.;
in SW. side of fence corner post; R.R. spike 1194.38
- 11.5 UE 3 WEK D, near cor. secs. 25, 26, 35 and 36; T. 94 N., R. 8 W., 20 ft N. and 36 ft W. of T-rd.
S.; in S. side of power line pole; a R.R. spike 1207.48
- 11.8 UE, 1.2 mi N. of tablet; 55 ft N. and 48 ft W. of crossroads; (State Hwy. 56 and gravel road N.-S.)
on N. end of concrete pipe culvert; chiseled square 1192.73

LINE 9W.E. Knouse, 1964; Book CV-1726OELWEIN NO. 3 QUAD. - 192

- 8.5 Arlington, 1 mi S. and 5 mi W. of; at Garden Prairie Church; near cor. secs. 2, 3, 34 and 35;
T. 91 and 92 N., R. 8 W., 112 ft N. and 44 ft W. of crossroads; 1 ft E. of churchyard fence; in
concrete post; standard tablet stamped "14 LL 1964" 1175.676
- 9.5 UE, at cor. secs. 26, 27, 34 and 35, T. 92 N., R. 8 W., 22 ft N. and 27 ft E. of crossroads; on
N. end of concrete culvert; chiseled square 1177.92

OELWEIN NO. 2 QUAD. - 215

- 10.5 UE, cor. secs. 22, 23, 26 and 27, T. 92 N., R. 8 W., at center of crossroads; head of R.R. spike 1198.58
- 11.0 UE, at quarter cor. secs. 23, and 26; T. 92 N., R. 8 W., 60 ft N. and 36 ft E. of T-rd. N.; on top
of 4-in. concrete post projecting 6-in.; top of reinforcing rod 1193.21
- 11.6 Reference mark, 350 ft S. of tablet; 31 ft E. of road, in W. side of powerline pole; head of rail
spike 1157.03
- 11.7 Arlington, 1.7 mi N. and 4.5 mi W.; of; about 0.25 mi N. of T-rd. E.; center of sec. 23, T. 92
N., R. 8 W., near crest of hill; 52 ft S. and 32 ft E. of road, at field entrance W.; 4 ft N.
of powerline pole; 1 ft W. of fence; in concrete post; standard tablet stamped "15 LL 1964" 1162.921
- 12.2 UE, 0.5 mi N. of tablet; center of 24 ft wood bridge 1122.6
- 13.0 UE, at quarter cor. secs. 11 and 14; T. 92 N., R. 8 W., 45 ft S. and 19 ft W. of crossroads; on W.
end of a steel corrugated culvert; chiseled cross 1137.49
- 13.9 Reference mark, 70 ft SE. of tablet; 36 ft N. and 12 ft W. of RR. crossing; on W. end of concrete
pipe culvert; chiseled square 1125.78

LINE 9 (Cont'd)

DEWEIN NO. 2 QUAD. - 215

FEET

- 13.9 Fayette, 2.75 mi S. and 2.5 mi E. of; about 400 ft S. of quarter cor. secs. 2 and 11, T. 92 N., R. 8 W., 105 ft N. and 45 ft W. of R.R. crossing; 8 ft SW. of one telephone pole and 7 ft NW. of one telephone pole and 7 ft NW. of another, 5 ft W. of a fence corner post; 2 ft S. of fence, in concrete post; standard tablet stamped "16 LL 1964" 1127.407
- 14.6 UE about 150 yards N. of center of sec. 2, T. 92 N., R. 8 W., 13 ft E. of road on N. end of E. headwall of concrete culvert; chiseled square 1074.39
- 15.0 UE, at quarter cor. secs. 2 and 35; T. 92 and 93 N., R. 8 W., 35 ft N. and 33 ft E. of T-rd. S.; in S. side of powerline pole; head of R.R. spike 1099.41
- 15.6 UE, about 100 yards NE. of cor. secs. 1, 2, 35 and 36; T. 92 and 93 N., R. 8 W., 14 ft NW. of road, on NW. end of steel corrugated culvert; chiseled cross 1033.19

DEWEIN NO. 1 QUAD. - 214

- 16.4 UE, in SE $\frac{1}{4}$ sec. 36, T. 93 N., R. 8 W., 85 ft E. of T-rd. N.; on N. end of steel corrugated culvert; chiseled cross 1007.19
- 17.1 UE, near quarter cor. secs. 25 and 36; T. 93 N., R. 8 W., 52 ft N. and 14 ft E. of T-rd. W.; on E. end of steel corrugated culvert; on lip opposite 2 punched holes; chiseled cross 1150.71
- 17.3 Reference mark, 240 ft S. of tablet; 110 ft S. and 18 ft W. of T-rd. E.; on W. end of steel culvert; chiseled square 1129.75
- 17.4 Fayette, 0.5 mi S. and 3.5 mi E. of; about 0.25 mi S. of center of sec. 25, T. 93 N., R. 8 W., 140 ft N. and 37 ft W. of T-rd. E.; 2 ft W. of powerline pole; 1 ft E. of fence; in concrete post; standard tablet stamped "17 LL 1964" 1140.732
- 18.2 UE, 0.8 mi N. of tablet; 33 ft W. of road, 2 ft E. of W. end of steel culvert; on head of culvert; on head of culvert bolt; chiseled cross 1093.40
- 18.7 UE, 1.5 mi N. of tablet; in NE $\frac{1}{4}$ sec. 24, T. 93 N., R. 8 W., 13 ft N. and 11 ft E. of center of 24 ft wood bridge; on E. end of N. concrete abutment; chiseled square 921.90
- 19.4 UE, 2 mi N. of tablet; W. of SE. corner of sec. 13, T. 93 N., R. 8 W., about 150 ft W. of drive S., 24 ft S. of road on E. end of S. headwall of large concrete culvert; about 3 ft lower than road; chiseled square 941.98
- 20.0 Fayette, about 1.6 mi N. and about 3 mi E. of; in SW $\frac{1}{4}$ sec. 13, 66 ft N. and 10 ft E. and 1 ft lower than center of bridge over Volga River; on E. end of N. abutment of bridge; at girder footing; standard tablet stamped "18 LL 1964" 921.804
- 20.1 Reference mark, 420 ft N. of tablet; 19 ft E. of road, in W. side of powerline pole; head of rail spike 918.34

LINE 9 (Cont'd)

OELWEIN NO. 1 QUAD. - 214

FEET

- 20.3 UE, 0.25 mi N. and 0.1 mi E. of tablet; 150 ft W. and 22 ft S. of T-rd. N.; on S. end of concrete pipe culvert; chiseled square 928.36
- 20.9 UE, near quarter cor. secs. 12 and 13; Tps. 93 N., R. 8 W., 60 ft NW. of T-rd. E., 11 ft W. of road on S. end of W. headwall of concrete culvert; chiseled square 996.17
- 21.4 UE, about 250 ft S. of drive W., 11 ft W. of road on W. headwall of concrete culvert; chiseled square 1083.56
- 22.1 UE, about 100 yards SW. of old school house; 14 ft E. of road and about 6 ft lower than E. end of concrete pipe culvert; chiseled square 1107.29
- 22.5 UE, center of sec. 1, Tps. 93 N., R. 8 W., 31 ft N. and 9 ft W. of road S.; on S. side of power-line pole; head of rail spike 1163.67
- 23.1 Reference mark, 270 ft S. of tablet; at Y. of road, 29 ft E. of road, in W. side of powerline pole; head of rail spike 1166.41
- 23.1 West Union, 4.5 mi S. and 3.5 mi E. of; near quarter cor. secs. 1 and 2; T. 93 N., R. 8 W., about 500 ft N. of T-rd. N.; 30 ft W. of road, 10 ft S. of a field entrance W.; 4 ft S. and 1 ft E. of a fence corner; in concrete post; standard tablet stamped "19 LL 1964" 1172.737
- 23.6 UE, 0.48 mi N. of tablet; 6 ft N. and 17 ft E. of road at short fence W.; on E. end of a concrete pipe culvert; chiseled square 1151.19
- 24.3 UE, 1.2 mi N. of tablet; 55 ft N. and 48 ft W. of crossroad of State Hwy. 56 and gravel road N.-S., on N. end of a concrete pipe culvert; chiseled square 1192.73

OELWEIN NO. 2 QUAD. - 215

- 25.1 UE, about 250 ft SE. of T-rd. E.; 44 ft SW. of State Hwy. 56; on NW. end of concrete pipe culvert; 100 ft E. of old school; chiseled square 1190.22
- 26.1 Reference mark, 320 ft NW. of tablet; 95 ft W. and 70 ft N. of T-rd. S.; in S. side of telephone pole; head of rail spike 1201.58
- 26.1 West Union, 3.5 mi SE. along State Hwy. 56 from the courthouse at; near center of sec. 27, T. 94 N., R. 8 W., 210 ft S. and 56 ft E. of T-rd. S.; 1 ft N. and 1 ft E. of fence corner; in concrete post; standard tablet stamped "20 LL 1964" 1199.72
- 26.7 UE, 2.9 mi SE. along State Hwy. 56 from courthouse at West Union, 32 ft NW. and 12 ft SW. of road at main entrance to cemetery; on NW. end of concrete pipe culvert; chiseled square 1173.57
- 27.8 UE, 1.8 mi SE. along Hwy. 56 from courthouse; in West Union, on N. end of E. headwall of 40 ft concrete box culvert; chiseled square 1111.02

LINE 10FEETC.D. Lien, 1977; Book CV-3390DECORAH NO. 3 QUAD. - 238

- 1 58 18.1 UE 11 B, 1.8 mi S. along road from tablet, T. 95 N., R. 8 W., near the quarter cor. between secs. 25 and 36, 13 ft S. and 46 ft W. of; and 2.1 ft lower than T-rd. W., a punched hole in a metal culvert 1015.58
- 63 19.1 Reference mark, 27 ft N. and 36.8 ft E. of centerline of road at drive E. and 117 ft N. and 79.3 ft E. of tablet, a copper nail and washer in the top of a tree stump 1199.80

DELWEIN NO. 1 QUAD. - 214

- 64 19.1 West Union at the junction of U.S. Hwy. 18 and State Hwy. 150, 2 mi N. and 4 mi E. of T. 95 and 94 N., R. 8 W., near the quarter cor. between secs. 1 and 36, 25.5 ft S. and 42.5 ft W. of; and same elevation as centerline of road at field entrance W., 90 ft S. and 42.5 ft W. of centerline of road at a drive E. at crest of road and 2 ft S. of a power pole, set on top of a 0.5 in. copper coated steel rod which is enclosed by a 6-in. tile, a standard tablet stamped "12 CDL 1977" 1199.860
- 67 20.3 West Union, at the junction of U.S. Hwy. 18 and St. Hwy. 150, 1.75 mi N. and 3.25 mi E. of T. 94 N., R. 8 W., in the NE. corner of sec. 2, .21 mi E. of Turkey Triangular Station 80.5 ft S. and 136.6 ft E. of; and 2.5 ft lower than T-rd. N., 1 ft N. and 136.6 ft E. of a right-of-way fence corner and 1 ft N. of a metal witness post, set in the top of a concrete post set flush with ground a standard N.G.S. disk stamped "TURKEY AZIMUTH NO 2 1976" 1221.165

DELWEIN NO. 2 QUAD. - 215

- 69 20.5 Clermont, about 5 mi W. of; about 3.5 mi NE. of West Union, in the NW $\frac{1}{4}$ sec. 14 (probably sec. 2) T. 94 N., R. 9 W., and is on property of Mr. Clyde Blunt, 13.5 ft N. of NE. corner of frame chicken house, 74 ft NW. corner of brick house and 17 ft S. of an E.-W. row of fir trees; monument is flush and the USC&GS Triangulation Station disk is stamped "TURKEY 1961" 1228.036

ISOLATED BENCH MARKS

- Volga, in SE. cor. of schoolyard; iron post stamped "794 DBQ" (not found 9-65, RRB) 795.143
- Wadena, in front of station, iron post stamped #874 DBQ" (not found 9-64, JRE) 874.485
- Albany, sec. 14, T. 93 N., R. 8 W., 1100 ft N. of school building; iron post stamped "930 DBQ" 931.737
- T. 93 N., R. 6 W., NE $\frac{1}{4}$ sec. 21, SE. cor. of schoolyard; iron post stamped "1147 DBQ" 1148.733
- T. 94 N., R. 6 W., NE. cor. sec. 33, approx. 4 mi W. of Big Spring Fish Hatchery, 196 ft S., 31 ft W. of a trail E., 4 ft N. and 2 ft W. of the NE. cor. of an abandoned stone school bldg., an iron pipe with a brass cap which projects about 1 ft above ground, stamped "876 DBQ" 877.585
- T. 94 N., R. 7 W., SE $\frac{1}{4}$ sec. 16, in schoolyard; iron post stamped "989 DBQ" 989.926