

OFFICE COPY HOLD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WAUKON NO. 3 QUADRANGLE
236 - IOWA
N4300-W9115/15
DIAGRAM NK 15-3
LACROSSE

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

Final Adjustment of 1971

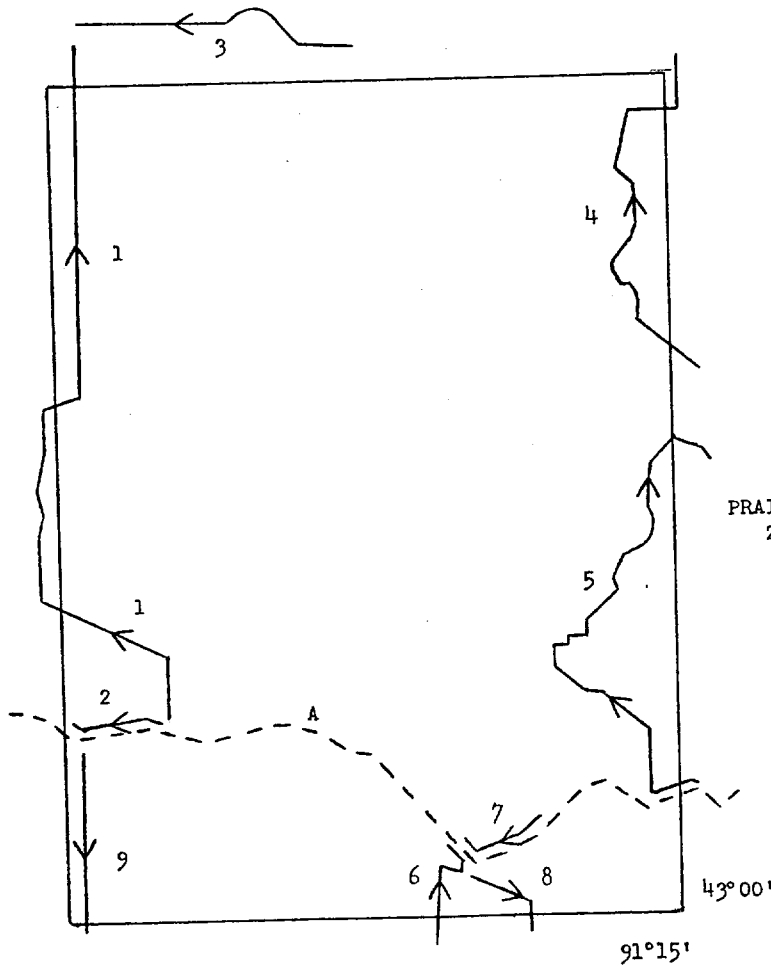
Allamakee and Clayton Counties

Edition of 11/30/71
PR: AKH/CB/ph

WAUKON
259

DECORAH NO. 4
237

PRAIRIE DU CHIEN
235 IOWA
49 WISC.



ELKADER NO. 2
213

NGS VERTICAL CONTROL DATA

A. Quadrangle No. 430912

236 B

LINE 1

FEET

W. E. Knouse, 1967; Book CV-2236

WAUKON NO. 3 QUAD. - 236

TRUNK LINE - LEVELED TWICE

- | | |
|--|----------|
| 0.0 At Luana, Clayton County, 140 ft W. of the Chicago, Milwaukee, St. Paul and Pacific RR. Station; 16 $\frac{1}{2}$ ft E. of the center of a rd. crossing, 52 ft N. of the center of the track, and 35 ft S. of the center of U.S. Hwy. 18; a standard USC&GS disk stamped "P 12 1933" and set in the top of a concrete post | 1132.202 |
| 0.3 UE P 12 A; Luana, at W. edge of; T. 95 N., R. 5 W., near center of sec. 8; 100 ft S. of center of paved rd.; 48 ft E. of rd. jct. (T-rd. NW.); on NW. cor. of N. concrete entrance to Luana Consolidated School; chiseled square | 1145.35 |
| 1.2 UE P 12 B; T. 95 N., R. 5 W., in SE $\frac{1}{4}$ sec. 6; 8 ft N. and 27 ft W. of rd. at drain, on N. end of W. concrete headwall, chiseled square | 1025.43 |
| 2.1 Reference Mark, T. 95 N., R. 5 W., in NW $\frac{1}{4}$ sec. 6; 138 ft S. and 10 ft W. of T-rd. W.; on top and center of W. curbing of bridge; chiseled square | 1043.31 |
| 2.2 Luana, 1.5 mi N. and 1.5 mi W. from; 3.75 mi E. from Postville; T. 95 N., R. 5 W.; in NW $\frac{1}{4}$ sec. 6; 22 ft N. and 5.4 ft W. of T-rd. W.; on top of and near center of N. headwall of culvert; standard tablet stamped "12 WEK 1967" | 1038.542 |
| <u>DECORAH NO. 4 QUAD. - 237</u> | |
| 3.5 UE 12 A; T. 95 and 96 N., R. 6 W., near cor. secs. 1, 2, 35 and 36; 46 ft N. and 72 ft W. of T-rd. S.; in S. side of power pole, rail spike | 1092.14 |
| 4.0 UE 12 B; Ts. 95 and 96 N., R. 6 W.; near quarter cor. secs. 2 and 35; 24 ft N. and 25 ft E. of T-rd. N.; on top of E. end of corrugated steel culvert; punched hole | 1097.55 |
| 4.6 Postville, 2.0 mi W. from; T. 96 N., R. 6 W.; near center sec. 35; 40 ft E. of center of N.-S. rd.; 1.5 ft W. of E. right-of-way fence; 3 ft N. of power pole, 8 ft S. of power pole across from farmyard, in top of concrete post, standard tablet stamped "13 WEK 1967" | 1184.811 |
| 4.7 Reference Mark, T. 96 N., R. 6 W., near center sec. 35; 68 ft W. of center of N.-S. rd.; on NE. cor. of well, chiseled square | 1179.43 |
| 5.1 UE 13 A; T. 96 N., R. 6 W., near quarter cor. secs. 26 and 35; 18 ft S. and 30 ft W. of T-rd. W.; on top of S. end of corrugated steel culvert; punched hole (end culvert bent at time mark was leveled across) | 1190.98 |
| 5.6 UE 13 B; T. 96 N., R. 6 W., near center sec. 26; 76 ft N. and 35 ft E. of T-rd. E.; in W. side of power pole, rail spike | 1139.48 |
| 6.6 Reference Mark, T. 96 N., R. 6 W., near center sec. 23; 43 ft S. and 16 ft E. of crossroads; on top of E. end corrugated steel culvert; punched hole | 1093.42 |
| 6.6 Postville, 2.0 mi N. and 2.0 mi E. from; T. 96 N., R. 6 W.; near center of sec. 23; 66 ft S. and 38 ft E. of crossroads; 1 ft S. of telephone pole; on top of concrete post, standard tablet stamped "14 WEK 1967" | 1098.27 |
| 7.3 UE 14 A; T. 96 N., R. 6 W., in SE $\frac{1}{4}$ sec. 14; 8.5 ft W. of center of bridge; 14 ft above water level of drain and 3 ft above floor of bridge; on top and center of W. bridge rail; chiseled square | 1052.07 |

LINE 1 (Cont'd)

FEET

DECORAH NO. 4 QUAD. - 237

- 7.7 UE 14 B; T. 96 N., R. 6 W., near center of sec. 14; 47 ft N. and 24 ft W. of rd. jct. (T-rd. NE.); on top and center of W. headwall of concrete box culvert, chiseled square 1039.19
- 8.7 Postville, 3.5 mi N. and 2.5 mi E. from; T. 96 N., R. 6 W., in SW $\frac{1}{4}$ sec. 12; about 0.2 mi E. along rd. from T-rd. NE.; 29 ft E. and 32 ft S. of rd. at field entrance S.; 2 ft N. of S. right-of-way fence and projects 0.8 ft above ground; in top of concrete post; standard tablet stamped "15 WEK 1967" 1100.411
- 8.7 Reference Mark, T. 96 N., R. 6 W., in SW $\frac{1}{4}$ sec. 12; about 300 ft E. and 34 ft S. of rd. at field rd. S.; 32 ft S. of center of rd. at culvert; on top S. end of concrete pipe culvert; chiseled square 1093.54

WAUKON NO. 3 QUAD. - 236

- 9.6 UE 15 A; T. 96 N., R. 6 W.; in central portion of sec. 12; about 20 ft S. and 11 ft E. of rd. at drive W.; 12 ft N. and 11 ft E. of rd. at center of bridge; on top of the NE. wing of bridge; 1 ft N. of E. concrete bridge rail; chiseled square 919.06
- 10.3 UE 15 B; T. 96 N., R. 6 W.; in SE $\frac{1}{4}$ sec. 1, 13 ft E. and 74 ft S. of T-rd. S.; on top and center of S. headwall of concrete box culvert; chiseled square 860.90
- 11.3 Reference Mark; T. 96 N., R. 5 W.; in N. central portion of sec. 6; 32 ft S. and 13 ft E. of rd. at field entrance S.; in N. side of telephone pole; rail spike 851.94
- 11.3 Waukon, 6.5 mi S. from; T. 96 N., R. 5 W.; in N. central portion of sec. 6; 16 ft E. and 48 ft S. of rd. at field entrance S.; about 100 ft SE. of SE $\frac{1}{4}$ cor. of bridge; 2 ft N. of S. right-of-way fence; in top of concrete post; standard tablet stamped "16 WEK 1967" 852.659
- 12.2 UE 16 A; T. 97 N., Rs. 5 and 6 W.; near SE. edge of sec. 36 and SW. edge of sec. 31; about 0.1 mi SE. of turn in rd.; 12 ft E. of center of rd.; about 100 ft SW. of a small shack (house); on top of NE. end of concrete pipe culvert; chiseled square 920.78
- 13.0 UE 16 B; T. 97 N., Rs. 5 and 6 W.; near cor. secs. 25, 30, 31 and 36; 30 ft S. and 17 ft W. of T-rd. W.; on top of W. end of corrugated steel culvert; punched hole 1108.13
- 14.0 Reference Mark, T. 97 N., R. 5 and 6 W.; near cor. secs. 19, 24, 25 and 30; 17 ft N. and 20 ft E. of T-rd. W.; on top of E. end of corrugated steel culvert; punched hole 1106.85
- 14.0 Waukon, 4.5 mi S. from; T. 97 N., Rs. 5 and 6 W.; near cor. secs. 19, 24, 25 and 30; 80 ft N., 34 ft E. of T-rd. W.; 1 ft W. of E. right-of-way fence; in top of a concrete post; a standard tablet stamped "17 WEK 1967" 1107.790
- 14.8 UE 17 A; T. 97 N., R. 5 W.; in SW $\frac{1}{4}$ sec. 19; 11 ft E. of center of bridge; on top of E. curbing of bridge; chiseled square 981.73
- 15.5 UE 17 B; T. 97 N., R. 5 W., in W. central portion of sec. 18; 24 ft S. and 50 ft E. of T-rd. E.; on top and center of S. concrete headwall of culvert; chiseled square 1144.74
- 16.6 Waukon, 2.0 mi S. from; T. 97 N., Rs. 5 and 6 W.; near quarter cor. secs. 7 and 12; 31 ft E. of center of N.-S. rd.; 2.5 ft W. of E. right-of-way fence, 0.5 ft N. of fence cor. post; in top of concrete post; a standard tablet stamped "18 WEK 1967" 1207.290
- 16.6 Reference Mark, T. 97 N., Rs. 5 and 6 W.; near quarter cor. secs. 7, and 12; 31 ft N. and 35 ft E. of center of rd. at fence E.; in W. side of power pole, a rail spike 1207.77
- 17.3 UE 18 A; T. 97 N., Rs. 5 and 6 W.; about 0.25 mi N. of cor. secs. 1, 6, 7 and 12; 15 ft N. and 20 ft E. of rd. at farm drive E.; on top of N. end of concrete pipe culvert, chiseled square 1238.23

LINE 1 (Cont'd)

FEET

WAUKON NO. 3 QUAD. - 236

18.0 UE 18 B; T. 97 N., Rs. 5 and 6 W.; about 0.1 mi N. of cor. secs. 1, 6, 31 and 36; 10 ft W. of center of rd. at culvert, on top of W. concrete headwall of large culvert; chiseled square 1198.27

WAUKON QUAD. - 259

18.4 Reference Mark, T. 98 N., Rs. 5 and 6 W.; about 0.1 mi S. of quarter cor. secs. 31 and 36, 10 ft S. and 18 ft W. of rd. at field entrance E.-W.; on top of S. end of concrete pipe culvert; chiseled square 1253.30

18.5 Waukon, at SW. edge of town; T. 98 N., Rs. 5 and 6 W.; about 0.1 mi S. of quarter cor. secs. 31 and 36; 54 ft N. and 31 ft W. of rd. at field entrance E.-W.; 3 ft E. of W. right-of-way fence; 2 ft NW. of telephone pole; on top of concrete post; a standard tablet stamped "19 WEK 1967" 1256.778

LINE 2

W. E. Knouse, 1967; Book CV-2236

WAUKON NO. 3 QUAD. - 236

0.0 At Luana, Clayton County; 140 ft W. of the C. M. St. P. & P. RR. Station; 16.5 ft E. of the center of a rd. crossing, 52 ft N. of the center of the track, and 35 ft S. of the center of U.S. Hwy. 18; a standard USC&GS disk stamped "P 12 1933" and set in the top of a concrete post 1132.202

0.3 UE P 12 A; Luana, at W. edge of; T. 95 N., R. 5 W., near center of sec. 8; 100 ft S. of center of paved rd.; 48 ft E. of rd. jct. (T-rd. NW.); on NW. cor. of N. entrance to Luana Consolidated School; chiseled square 1145.40

1.8 UE P 12 AA; T. 95 N., R. 5 and 6 W.; near quarter cor. secs. 7 and 12; 19 ft N. and 47 ft E. of T-rd. S.; on top SE. cor. of concrete drain cover on N. side of rd.; chiseled square 1157.01

DECORAH NO. 4 QUAD. - 237

2.9 Luana, about 3.0 mi W. along the C. M. St. P. & P. RR. from; Clayton County, about 250 ft W. of Ridley; about 85 ft NW. of the NW. cor. of Grand Meadow Cemetery; 55.5 ft S. of the center of the main track, 31 ft E. of the center of a rd. crossing, and 34 ft N. of the center of U.S. Hwy. 18; a standard USC&GS disk stamped "N 12 1933" and set in the top of a concrete post; USC&GS Elev. of 1191.175 could not be reconciled this elevation by USGS 1191.389

LINE 3

W. E. Knouse, 1967; Book CV-2236

WAUKON QUAD. - 259

24.5 UE 33 C; T. 98 N., Rs. 4 and 5 W., near quarter cor. secs. 31 and 36; 20.5 ft W. of center of gravel rd.; 145 ft N. of center of asphalt co. rd.; on top of E. end of concrete retainer on W. side of rd. (in W. ditch); chiseled square 1203.28

25.1 Waukon, 4.5 mi E. from; T. 98 N., R. 5 W.; near center of sec. 36; 35 ft N. of center of hwy., 25 ft E. of center of drive N., 1 ft S. of N. right-of-way fence; in concrete post, standard tablet stamped "34 WEK 1967" 1213.388

25.1 Reference Mark, T. 98 N., R. 5 W., near center sec. 36; 14 ft E. and 23 ft N. of rd. at drive N.; on top of E. end of concrete pipe culvert; chiseled square 1211.10

25.8 UE 34 A; T. 98 N., R. 5 W., in E. central portion of sec. 35; 30 ft S. and 27 ft W. of T-rd. S.; on top of W. end of a corrugated steel culvert, punched hole 1217.93

LINE 3 (Cont'd)

FEET

WAUKON QUAD. - 259

- | | | |
|------|--|----------|
| 26.5 | UE 34 B; T. 98 N., R. 5 W., in NW $\frac{1}{4}$ sec. 35; about 0.6 mi NW. of T-rd. S.; 9 ft SE. of center of field entrance SW.; 28 ft SW. of center of hwy.; on top SE. end of concrete pipe culvert, chiseled square | 1141.80 |
| 27.7 | Reference Mark; T. 98 N., R. 5 W.; in SW $\frac{1}{4}$ sec. 27; about 0.15 mi NE. from T-rd. S.; 22.5 ft SE. of center of rd. at drain; on top SE. end of concrete pipe culvert; chiseled square | 1133.93 |
| 27.7 | Waukon, 2.3 mi E. from; T. 98 N., R. 5 W.; in SW $\frac{1}{4}$ sec. 27, about 0.1 mi NE. of T-rd. S.; 47 ft NE. of center of field entrance NW.; 42 ft NW. of center of hwy.; 1 ft SE. of NW. right-of-way fence; in top of concrete post; standard tablet stamped "35 WEK 1967" | 1138.364 |
| 29.0 | UE 35 A; T. 98 N., R. 5 W.; near cor. secs. 28, 29, 32 and 33; at center of crossroads; copper nail and washer | 1270.28 |
| 30.0 | UE 35 B; (E. edge of Waukon); T. 98 N., R. 5 W.; near cor. secs. 29, 30, 31 and 32; 14 ft S. and 20 ft W. of T-street S. (Fifth St. SE. and East Main); on top of curve in SW. curbing of streets; chiseled square | 1270.75 |
| 31.1 | UE 19 A; T. 98 N., Rs. 5 and 6 W.; near cor. secs. 25, 30, 31 and 36; 44 ft S. and 24 ft E. of crossroad (Jct. Hwy. 9 and 13, and gravel rd. S.); 3 ft NW. of iron sewer cover; on top of concrete sewer cover; chiseled square | 1275.409 |

LINE 4

G. H. Clarin, 1965; Book CV-1890

PRAIRIE DU CHIEN QUAD. - 235 IA., 49 WISC.

- | | | |
|------|--|----------|
| 11.6 | Reference Mark, 280 ft S. of tablet; on W. end of 24 in. round concrete culvert; a chiseled square | 1026.78 |
| 11.6 | Waukon Junction, 2.3 mi W. of; T. 96 N., R. 3 W.; in NE $\frac{1}{4}$ sec. 7; 62 ft S. of Paint Creek Unit of Yellow River State Forest Sign; 1 ft N., 40 ft W., and 3.1 ft higher than rd. at fence W.; 21 ft W. of a fence cor.; in top of concrete post, a standard tablet stamped "75 GHC 1965 1035" | 1034.908 |
| 12.6 | UE 75 A; 1.0 mi NW. along Park Rd. from tablet; at first drain crossing rd. NW. of a wayside; 120 ft NW., 19 ft SW., and 8.1 ft higher than rd. at drain, in NW. side of 30 in. oak tree, a rail spike | 764.83 |

WAUKON NO. 3 QUAD. - 236

- | | | |
|------|--|---------|
| 13.6 | UE 75 B; 2.0 mi NW. along Park Rd. from tablet; 10 ft S., 18 ft E., and 1.9 ft higher than T-rd. N. to Scenic Overlook; in S. end 14 in. corrugated steel pipe culvert; a punched hole | 1015.09 |
| 14.3 | UE 75 C; 2.7 mi NW. along Park Rd. from tablet; 0.1 mi N. of sawmill; 82 ft S., 15 ft E., and 0.4 ft higher than rd. at Paint Creek Bridge; 13 ft above water, on SE. concrete wingwall; a chiseled square | 679.14 |
| 15.2 | Reference Mark; 170 ft SE. of tablet; on top of SE. concrete wingwall; a chiseled square | 718.89 |
| 15.3 | Waukon Junction, 1.5 mi N. and 3.7 mi W. of; T. 97 N., R. 4 W.; near center sec. 36; 85 ft N., 14 ft W., and 2.2 ft higher than rd. at center of Paint Creek Bridge; 19 ft above water, in top of NW. concrete wingwall; a standard tablet stamped "76 GHC 1965 719" | 719.028 |

LINE 4 (Cont'd)

FEET

WAUKON NO. 3 QUAD. - 236

- | | | |
|------|--|----------|
| 16.3 | UE 76 A; 1.1 mi NW. along rds. from tablet; 13 ft W. and 0.1 ft higher than rd. at culvert; on N. end W. concrete headwall; chiseled square | 815.71 |
| 17.9 | UE 76 B; 2.6 mi NNW. along rds. from tablet; 26 ft N., 58 ft E., and 0.4 ft higher than T-rd. S.; in S. side telephone pole, a rail spike | 1057.42 |
| 18.8 | UE 76 C; 3.4 mi NNW. along rds. from tablet; 10 ft N., 19 ft E., and 0.2 ft lower than rd. at drive E. to trailer houses; on N. end of round concrete culvert, a chiseled square | 1042.64 |
| 19.2 | Reference Mark, 220 ft S. of tablet; on W. end of round concrete culvert; a chiseled square | 1050.79 |
| 19.2 | Waterville, 1.0 mi N. and 1.7 mi E. of; T. 97 N., R. 4 W.; 0.3 mi E. of quarter cor. between secs. 13 and 14; 0.1 mi S. of T-rd. S.; 74 ft N., 33 ft W., and 2.3 ft lower than rd. at fence W.; 19 ft S. and 33 ft W. of rd. at field entrance W.; in the top of a concrete post; a standard tablet stamped "77 GHC 1965 1049" | 1049.029 |
| 20.1 | UE 77 A; 0.9 mi N. along rd. from tablet; 14 ft S., 39 ft W., and 5 ft higher than rd. at tree line W.; in E. side of power pole, a rail spike | 1064.92 |
| 20.9 | UE 77 B; 1.7 mi N. along rd. from tablet; 28 ft S., 22 ft E., and 2.9 ft lower than T-rd. S. and drive N.; in E. end of 24 in. corrugated steel pipe culvert; a punched hole | 1095.58 |
| 21.5 | Reference Mark, 50 ft W. of tablet; on W. end of round concrete culvert; a chiseled square | 1029.16 |
| 21.5 | Waterville, 2.4 mi N. and 2.4 mi E. of; T. 97 N., R. 3 W.; in SW $\frac{1}{4}$ sec. 6; 74 ft N., 28 ft E., and 5 ft higher than T-rd. N., 20 ft NNW. of a power pole, in top of a concrete post; a standard tablet stamped "78 GHC 1965 1033" | 1032.69 |
| 22.2 | UE 78 A; 0.7 mi N. along rd. from tablet; 35 ft S., 36 ft W., and 1.8 ft higher than rd. at drive W., in E. side of telephone pole, rail spike | 1116.22 |

WAUKON QUAD. - 259

- | | | |
|------|---|---------|
| 23.2 | UE 53 C; 0.4 mi N. and 3.1 mi W. of tablet; 23 ft N., 205 ft E., and 7.9 ft lower than hwy. at T-rd. S.; on N. end of round concrete culvert; a chiseled square | 1201.39 |
|------|---|---------|

LINE 5

G. H. Clarin, 1965; Book CV-1890

PRAIRIE DU CHIEN QUAD. - 235 IA., 49 WISC.

- | | | |
|-----|--|---------|
| 0.0 | TEM 132. Marquette, about 4.5 mi W. along the C. M. St. P. & P. RR. from; at culvert R 36, and on top of the S. end of the E. headwall; a chiseled square Elev. by US&GS | 771.793 |
|-----|--|---------|

WAUKON NO. 3 QUAD. - 236

- | | | |
|-----|---|---------|
| 1.1 | UE 132 A; 1.1 mi W. along RR. from TEM; 200 ft N. of RR. crossing rd.; T. 95 N., R. 4 W.; in NW $\frac{1}{4}$ sec. 24; 23 ft S., 8 ft E., and same elev. as center of rd. at bridge; 13 ft above water, on SE. cor. of concrete bridge floor; a chiseled square | 809.29 |
| 2.2 | UE 132 B; 1.1 mi W. along RR., thence 1.0 mi N. along rd. from TEM; 12 ft S., 23 ft E., and 0.8 ft lower than rd. at drive E.; in S. end of 18 in. corrugated steel pipe culvert, a punched hole | 1060.85 |

LINE 5 (Cont'd)

FEET

Waukon No. 3 Quad. - 236

- 2.8 Marquette, 1.1 mi N. and 4.7 mi W. of; T. 95 N., R. 4 W.; in NW $\frac{1}{4}$ sec. 12; 33 ft S., 32 ft W., and 3.3 ft lower than T-rd. S.; 2 ft NW. of a telephone pole, in top of a concrete post; a standard tablet stamped "79 GHC 1965 1094" (Not found 7/71 RLB) 1094.479
- 2.8 Reference Mark, 130 ft NW. of tablet; on N. end of 30 in. round concrete culvert; a chiseled square 1095.23
- 4.1 UE 79 A; 1.3 mi NW. along rd. from tablet; 34 ft N., 60 ft E., and 1.5 ft lower than T-rd. S.; in S. side of power pole, a rail spike 1131.72
- 4.7 UE 79 B; 1.9 mi NW. along rd. from tablet; 25 ft SW., 150 ft SE., and 1 ft lower than T-rd. N.; on NW. end of 18 in. corrugated steel pipe culvert under cemetery entrance; a punched hole 1148.51
- 5.3 UE 79 C; 1.9 mi NW., thence 0.6 mi N. along rds. from tablet; 44 ft S., 15 ft E., and 0.6 ft lower than T-rd. E.; in SE. end of 18 in. corrugated steel pipe culvert; a punched hole 1103.59
- 6.0 Reference Mark, 170 ft SW. of tablet; in W. end of 18 in. corrugated steel pipe culvert under drive S., a punched hole 1135.87
- 6.0 Marquette, 2.7 mi N. and 5.7 mi W. of; T. 96 N., R. 4 W.; 0.2 mi N. of cor. secs. 2, 3, 34 and 35, 88 ft N., 53 ft W., and 1.1 ft lower than T-rd. N.; 3 ft S. of a power pole, in top of a concrete post; a standard tablet stamped "80 GHC 1965 1134" 1134.295
- 6.8 UE 80 A; 0.9 mi NE. along rd. from tablet; 23 ft E. and 1.8 ft lower than rd. at culvert; on E. end of 48 in. corrugated steel pipe culvert; a chiseled cross 881.87
- 7.9 UE 80 B; 1.9 mi NE. along rd. from tablet; 15 ft N., 22 ft W., and 1.5 ft lower than rd. at abandoned drive W.; in N. end of 18 in. corrugated steel pipe culvert; a punched hole 729.08
- 8.4 Reference Mark; 100 ft SW. of tablet; on SE. end of round concrete culvert; a chiseled square 678.26
- 8.4 Marquette, 4.7 mi N. and 4.3 mi W. of; T. 96 N., R. 4 W.; in SW $\frac{1}{4}$ sec. 24; 20 ft N., 57 ft E., and 1.9 ft lower than T-rd. E.; 1 ft S. of fence, in top of a concrete post; a standard tablet stamped "81 GHC 1965 678" (Not found 7/71 RLB) 678.393
- 9.5 UE 81 A; 1.0 mi N. along rd. from tablet; 13 ft S., 14 ft W., and 2.8 ft lower than rd. at drive E.; on SW. end of round concrete culvert; a chiseled square 951.85
- 10.7 UE 81 B; 2.3 mi N. along rd. from tablet; 37 ft N., 180 ft E., and 13.7 ft lower than State Hwy. 13 at T-rd.; in W. end of 18 in. corrugated steel pipe culvert; a punched hole 1084.42

Prairie du Chien Quad. - 235 IA., 49 Wisc.

- 11.6 UE 323 B; 2.2 mi NW. along State Hwy. 13 from tablet; 36 ft S., 100 ft E., and 0.5 ft lower than Hwy. at rd. E.; 1 ft NW. of fence cor.; the top of an I-beam driven in ground projecting 1 ft 1003.27

LINE 6

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

Elkader No. 2 Quad. - 213

- 29.5 Farmersburg, 1.5 mi N. from; in NE $\frac{1}{4}$ sec. 6; T. 94 N., R. 4 W.; 9 ft N. and 20 ft NE. of center of 40 ft bridge; 17 ft W. of RR. crossing, on N. end of E. concrete abutment, standard tablet stamped "22 WEK 1964" 939.361

LINE 6 (Cont'd)

FEET

WAUKON NO. 3 QUAD. - 236

- 30.0 UE 22 WEK A; in SE $\frac{1}{4}$ sec. 31, T. 95 N., R. 4 W.; about 25 ft N. and 5 ft E. of center of small wooden RR. bridge; on top of NE. end of wooden beam; copper nail and washer 946.72
- 31.0 UE 22 WEK B; in NW $\frac{1}{4}$ sec. 32, T. 95 N., R. 4 W.; about 110 ft SE. of RR. crossing; about 5 ft SW. of center of tracks, on top of 4 x 12 beam on SW. cor. of RR. trestle; copper nail and washer 984.28
- 31.5 Farmersburg, 3.0 mi N. and 0.5 mi E. from; 3.0 mi S. and 1.5 mi E. from Monona; SW $\frac{1}{4}$ sec. 29; T. 95 N., R. 4 W.; 35 ft E. and 8 ft S. of field entrance E.; 1 ft W. of fence; in concrete post, standard tablet stamped "23 WEK 1964" (Not found 7/71 RLB) 1023.842
- 31.5 Reference Mark, about 70 ft NW. of tablet; 40 ft N. and 17 ft W. of rd. at field entrance E.; on W. end of corrugated steel culvert; chiseled cross 1022.78
- 31.9 UE 23 WEK A; near quarter cor. secs. 29 and 30; T. 95 N., R. 4 W.; 17 ft S. and 36 ft E. of T-rd. S.; on top SW. curbing of concrete drain spillway; chiseled square 1092.02
- 32.5 UE 23 WEK B; near center sec. 29; T. 95 N., R. 4 W.; about 300 ft NW. of T-rd. NW.; 55 ft S. and 18 ft W. of rd. at fence E.; on W. end of corrugated steel culvert; chiseled cross 1075.88
- 33.1 UE 23 WEK C; in NW $\frac{1}{4}$ sec. 29, T. 95 N., R. 4 W.; about 115 ft W. of RR. crossing; 9 ft S. of center RR. track, on top of SW. concrete abutment of 50 ft RR. bridge; chiseled square 1036.85
- 34.0 Monona, 2.8 mi E. along the C. M. St. P. & P. RR. from; 71 ft E. of rd. crossing, at first RR. bridge W. of Valdora, in top of S. end W. concrete abutment; and 9.5 ft S. of center of track; a USC&GS standard disk stamped "Q 12 1933" 1067.865

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

LINE 7

WAUKON NO. 3 QUAD. - 236

- 0.0 Beulah, 0.5 mi E. of along the C. M. St. P. & P. RR. from station at; 7 poles W. of MP 8; at co. rd. crossing, at a co. rd. bridge; in top of SE. wingwall of concrete abutment and 65 ft N. of center of track; a USC&GS standard disk stamped "R 12 1933" 921.078
- 0.9 UE R 12 A; in S $\frac{1}{2}$ sec. 21; T. 95 N., R. 4 W.; about 0.9 mi SW. from tablet along C. M. St. P. & P. RR., on top of concrete box culvert, on S. end of chiseled square 962.48
- 1.7 UE R 12 B; near cor. secs. 20, 21, 28 and 29, T. 95 N., R. 4 W.; 33 ft N. and 10 ft E. of RR. crossing, on SE. wingwall of small concrete bridge; chiseled square 1004.98
- 2.5 UE 23 WEK C (Described in Line 6) 1036.85

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

LINE 8

WAUKON NO. 3 QUAD. - 236

- 0.0 UE 23 WEK B (Described in Line 6) 1075.88
- 0.7 UE 23 WEK AA; near cor. secs. 28, 29, 32 and 33; T. 95 N., R. 4 W.; about 300 ft E. of T-rd. N., 16 ft N., and 36 ft E. of E. rd. at drive N., on N. end of concrete spillway; chiseled square 1024.05
- 1.2 UE 23 WEK BB; in N. central part of sec. 33, T. 95 N., R. 4 W.; 134 ft N. and 19 ft W. of rd. at drive SW.; on W. end of concrete box culvert; chiseled square 1026.44
- 2.0 UE 23 WEK CC; near quarter cor. secs. 33 and 34, T. 95 N., R. 4 W.; 10 ft N. and 29 ft W. of Hwy. 13 at drive W., on N. end of corrugated steel culvert; chiseled cross 1129.53

LINE 8 (Cont'd)

FEET

ELKADER NO. 2 QUAD. - 213

- 2.5 Reference Mark, about 84 ft NW. of tablet; 32 ft N. of entrance to Girard Cemetery; 200 ft N. and 35 ft E. of jct. U.S. Hwy. 52 and State Hwy. 13; on top of RR. iron; chiseled cross 1156.46
- 2.6 Farmersburg, 2.0 mi N. and 2.3 mi E. from; between $N\frac{1}{4}$ cor. secs. 3 and 4; T. 94 N., R. 4 W.; 44 ft S. and 51 ft E. of hwy. at entrance to Girard Cemetery; 12 ft S. of fence cor.; 1 ft W. of fence; in concrete post; standard tablet stamped "37 WEK 1964" 1158.313

LINE 9

R. L. Bullinger, 1971; Book CV-2690

WAUKON NO. 3 QUAD. - 236

- 1 48 0.0 UE P 12 AA; T. 95 N., Rs. 5 and 6 W., near quarter cor. secs. 7 and 12; 19 ft N. and 47 ft E. of T-rd. S.; on top SE. cor. of concrete drain cover on N. side of rd.; chiseled square 1157.01
- 48 0.3 UE P 12 AA A; Luana, 1.5 mi W. of; near S. sixteenth cor. between secs. 7 and 12, T. 95 N., Rs. 5 and 6 W., 50 ft S. and 37 ft W. of crossroad, and 6.3 ft lower than; on top of W. end of corrugated tin culvert, punched hole 1131.40
- 50 1.5 Luana, 1.5 mi S. and 1.5 mi W. of; cor. of secs. 18 and 19, R. 5 W., sec. 13 and 24, R. 6 W., T. 95 N.; 33 ft S. and 51 ft W. of T-rd. W. and 1.2 ft lower than; spike in power pole 1099.80
- 51 2.8 Azimuth Mark for SILVER, 1961. Luana, 3.0 mi S. and 1.5 mi W. of; near $N\frac{1}{4}$ cor. between secs. 25 and 30, T. 95 N., Rs. 5 and 6 W., 54 ft N. and 48 ft W. of crossroad and 4.0 ft lower than; standard USC&GS concrete monument and cap stamped "SILVER 1961" 1069.149
- 52 2.8 Reference Mark, 72 ft N. and 44 ft E. of crossroad, across N.-S. rd. from HM; rail spike in power pole 1071.22
- 53 3.6 UE Silver A; Luana, 3.5 mi S. and 1.5 mi W. of; cor. of secs. 30 and 31, T. 95 N., R. 6 W.; 41 ft N. and 32 ft E. of T-rd. W. and 3.0 ft lower than; rail spike in power pole 1095.53
- 54 4.7 UE Silver B; Luana, 4.5 mi S. and 1.5 mi W. of; near cor. of secs. 1, 6, 31 and 36, T. 94 and 95 N., R. 4 and 5 W., 20 ft E. of rd. at culvert, on E. end of corrugated iron culvert, punched hole 1043.45

ELKADER NO. 2 QUAD. - 213

- 55 5.2 UE 41 WEK A; E. of quarter cor. secs. 1 and 6, T. 94 N., Rs. 5 and 6 W.; about 0.1 mi E. of T-rd. N.; 22 ft N. of center of rd. on N. end of corrugated steel culvert; chiseled cross 1048.17

ISOLATED BENCH MARKS

- North McGregor, 2.0 mi W. of; at top of Hatch Hill, on S. side of rd., in NW. cor. of yard at residence of J. K. Gray, iron post stamped "1096 DBQ" 1096.904
- Watson, 0.2 mi NW. of cor. sec. 4; T. 95 N., R. 4 W.; 13 ft N. of cor. fence post, at intersection of rds., iron post stamped "1179 DBQ" 1179.987
- T. 95 N., R. 5 W., 0.2 mi N. of center sec. 10; 60 ft N. of RR. track, SE. of Walsh's house; iron post stamped "1184 DBQ" 1185.584
- T. 96 N., R. 5 W., 700 ft E. of quarter cor. W. side of sec. 23; N. side of Hickory Creek; 80 ft SW. of NW. cor. bridge 16; S. side of rd., iron post stamped "787 DBQ" 787.791

10
WAUKON NO. 3 QUADRANGLE
236 - IOWA

ISOLATED BENCH MARKS

FEET

T. 96 N., R. 4 W., S. of quarter cor. W. side sec. 8; on summit of hill N. of Yellow River; iron post stamped "1099 DBQ" (Not found 9/71 RLB)	1100.680
T. 96 N., R. 4 W., 1000 ft W. of SE. cor. of sec. 2; in NE. cor. of Schoolhouse No. 1; iron post stamped "1137 DBQ" (Not found, prob. dest. 9/71 RLB)	1137.865