

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

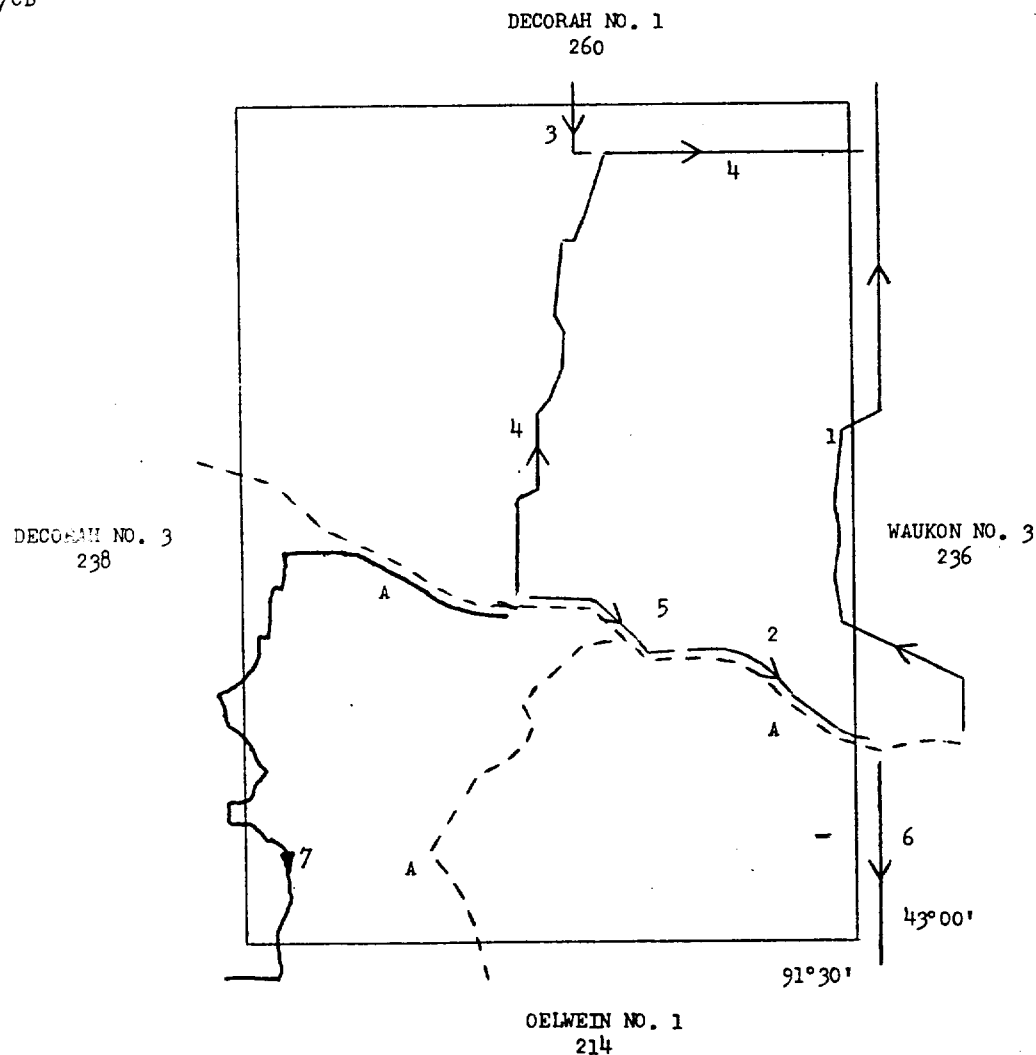
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICE COPY HOLD

43-091-32
DECORAH NO. 4 QUADRANGLE
237 - IOWA
N4300-W9130/15
DIAGRAM NK 15-3
LACROSSE

Winnebago, Allamakee, Fayette, and
Clayton Counties

Edition of : 3-1-78
PR: AKH/CB



NGS VERTICAL CONTROL DATA

A. Quadrangle No. 430913

237-B

LINE 1

FEET

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

WAUKON NO. 3 QUAD. - 236

TRUNK LINE - LEVELED TWICE

- 0.0 At Luanna, 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

DECORAH NO. 4 QUAD. - 237

- 3.5 UE 12 A; Ts. 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 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
- 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

LINE 1 (Cont'd)

FEET

DECORAH NO. 4 QUAD. - 237

- 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. 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., Rs. 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; 30 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

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DECORAH NO. 4 QUADRANGLE
237 - IOWA

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

DECORAH NO. 4 QUAD. - 237

- 0.0 At Postville, Allamakee County, at the cor. of Green and Reynolds Streets; in the N. wall of the Commercial Hotel; 18 ft S. of the S. curb of Green Street; 18 ft E. of the center of the N. entrance to the building, 15 ft E. of the SE. cor. of the building; and 4.5 ft from the base line of the building; a USGS standard tablet stamped "DBQ 1195" and set vertically Elev. by USC&GS 1194.102
- 0.7 UE 1195 A; Ts. 95 and 96 N., R. 6 W.; near SW $\frac{1}{4}$ cor. sec. 33 and NW. sixteenth cor. sec. 4; 66 ft N. and 22 ft W. of crossroads (SE. edge of Postville); top of E. center edge of concrete sewer; top, W. side of hwy.; chiseled square 1172.71
- 1.2 UE 1195 B; Ts. 95 and 96 N., R. 6 W.; near SE. sixteenth cor. sec. 33; near NE. sixteenth cor. sec. 4; 17 ft N. and 12 ft E. of center of small bridge; on top of and near NE. end of NE. wingwall of bridge; chiseled square 1113.40
- 1.9 UE 1195 C; Ts. 95 and 96 N., R. 6 W.; between SE $\frac{1}{4}$ sec. 34 and NE $\frac{1}{4}$ sec. 3; 10 in. N. of center of rd. at N. rail; 4 ft N. of center of rd. at center of tracks; on northernmost wooden crossing member; copper nail and washer 1184.60
- 3.0 UE 1195 D; T. 95 N., R. 6 W.; in SW $\frac{1}{4}$ sec. 2; 120 ft NE. of rd. at drive N.; 60 ft NE. of drive at RR. track, 15 ft E. of center of drive; in S. side of power pole, rail spike 1196.50
- 4.0 Luana, 3.0 mi W. along the C. M. St. P. & P. RR. from, Clayton County; 250 ft W. of Ridley, 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 (Elev. by USGS) 1191.389

LINE 3

R. L. Bullinger, 1971; Book CV-2688

DECORAH NO. 1 QUAD. - 260

- 1 40 16.0 UE 9 A; Waukon, 7 mi W. of; near quarter cor. between secs. 25 and 36, T. 98 N., R. 7 W., 18 ft E. of rd. at bend and 1.3 ft lower than; on E. end of small concrete box culvert, center of headwall; chiseled square 1210.34
- 41 17.0 UE 9 B; Waukon, 1 mi S. and 7 mi W. of; near quarter cor. between secs. 1 and 36, T. 97 and 98 N., R. 7 W.; 1 ft N. and 47 ft E. of rd. at E.-W. fence line, and 4.5 ft higher than; 1 ft N. and 1 ft E. of fence cor., top of reinforcing rod projecting from concrete rd. right-of-way post (projecting approx. 1.0 ft above ground) 1234.12

LINE 3 (Cont'd)

FEET

DECORAH NO. 4 QUAD. - 237

- 1 42 18.0 UE 9 C; Waukon, 2 mi S. and 7 mi W. of; near quarter cor. between secs. 12 and 14, T. 97 N., R. 7 W., 59 ft N. and 28 ft W. of T-rd. N. and 4.0 ft lower than; W. end of concrete pipe culvert, chiseled square 1259.68
- 44 18.5 Frankville, 3.5 mi N. and 0.5 mi E. of; Waukon, 2 mi S. and 6.5 mi W. of; near cor. of secs. 6 and 7; R. 6 W., T. 98 N., and secs. 1 and 12, R. 7 W., T. 97 N.; 97 ft S. and 51 ft E. of State Hwy. 9 and N.-S. rd. crossing, stamped "4 RLB 1971" 1245.238

LINE 4

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

DECORAH NO. 4 QUAD. - 237

- 1 10 0.0 1 mi W. along the Chicago, Rock Island & Pacific RR. from the Postville, Allamakee County; 1/8 mi W. of the intersection with the C. M. St. P. & P. RR.; 120 ft S. of the center of the C. M. St. P. & P. RR. track, 31 ft N. of the center of the C. R. I. & P. RR. track, and 38 ft S. of the center of U.S. Hwy. 55; a standard USQ&GS disk stamped "L12 1933" and set in the top of a concrete post (NOTE: Previous elev. of 1206.651 could not be reconciled. This elev. by USGS) 1207.158
- 10 1.1 UE L 12 A; Postville, 2 mi WNW. of; near S. sixteenth cor. between secs. 31 and 36, T. 96 N., Rs. 6 and 7 W., near county line, 30 ft S. and 7.4 ft W. of Hwy. 52 and fence line, and 1.1 ft lower than; rail spike in power pole 1201.24
- 11 1.4 UE L 12 B; Postville, 2.75 mi NW. of; in SW $\frac{1}{4}$ of sec. 25, T. 96 N., R. 7 W.; 15 ft S. and 86 ft W. of U.S. Hwy. 52 at T-rd. S., and 0.3 ft lower than; chiseled square on headwall, S. end of concrete culvert 1205.70
- 12 2.6 USQ&GS Triangulation Station CASTALIA, 1961. The station is about 4.0 mi NW. of Postville; about 2.5 mi SE. of Castalia; in the SW $\frac{1}{4}$ of sec. 26, T. 96 N., R. 7 W. and on RR. property, it is 103 ft NE. of a fence cor., 88 ft E. of a telephone pole, 73 ft N. of the center of U.S. Hwy. 52, 31 ft S. of the S. rail of a RR. track and 4 ft SW. of a witness post. The monument projects 6 in. and the disk is stamped "CASTALIA 1961" 1223.277
- 13 2.8 Reference Mark No. 2 is 66 ft E. of the telephone pole and 22 ft S. of the S. rail of the RR. track. The monument projects 5 in. and the disk is stamped "CASTALIA NO 2 1961" 1225.386
- 15 5.0 UE Castalia 1961 A; Castalia, 2 mi E. of; near center of sec. 23, T. 96 N., R. 7 W., 17 ft W. and 2.6 ft lower than; rd. at culvert, center of W. headwall of concrete culvert, chiseled square 1137.29
- 17 5.9 UE Castalia B; Castalia, 1.5 mi N. and 2.0 mi E. of; near W $\frac{1}{2}$ cor. in sec. 14, T. 96 N., R. 7 W.; 17 ft N. and 23 ft E. of center of bridge and 0.9 ft higher than; on NE. wingwall, top of NE. most piling, rail spike 1049.30
- 18 6.8 Castalia, 2.0 mi N. and 2.5 mi E. of; near cor. of secs. 13 and 14, 11 and 12, T. 96 N., R. 7 W.; 10 ft E. of (center of bridge and 0.8 ft higher than), on E. curb and near center of, standard aluminum tablet embedded in concrete curb, stamped "1 RLB 1971" 1031.106
- 19 6.8 Reference Mark, 82 ft S. and 22 ft E. of tablet; rail spike in telephone pole 1029.20
- 21 7.8 UE 1 A; Castalia, 3.0 mi N. and 2.5 mi E. of; near sixteenth cor. between secs. 11 and 12, T. 96 N., R. 7 W.; 35 ft N. and 31 ft E. of T-rd. W. and 1.7 ft higher than; rail spike in telephone pole 1177.30
- 22 8.3 UE 1 B; Castalia, 3.5 mi N. and 2.5 mi E. of; near quarter cor. between secs. 1 and 2, T. 96 N., R. 7 W., 23 ft S. and 12 ft E. of center of bridge and 0.3 ft lower than; on SE. concrete wingwall, chiseled square 1054.29

PR

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DECORAH NO. 4 QUADRANGLE
237 - IOWA

LINE 4 (Cont'd)

FEET

DECORAH NO. 4 QUAD. - 237

1	23	8.8	UE 1 C; Castalia, 3.75 mi N. and 2.5 mi E. of; in NW $\frac{1}{4}$ of sec. 1, T. 96 N., R. 7 W., 125 ft N. and 29 ft E. of T-rd. E., and 0.7 ft lower than; rail spike in telephone pole	1184.30
25	9.5		UE 1 D; 25.0 ft N. and 14.0 ft W. of bridge and 0.9 ft lower than; on NW. concrete wingwall, chiseled square	1103.94
26	10.0		Frankville, SE. edge; near quarter cor. between secs. 25 and 36, T. 97 N., R. 7 W., 200 ft S. and 33 ft E. of T-rd. S. and 1.4 ft lower than; 1.5 ft N. of telephone pole, 1.0 ft W. of right-of-way fence; standard rod supported tablet in 5 in. drain tile, flush with ground, stamped "2 RLB 1971"	1217.136
27	10.0		Reference Mark, 26 ft E. of tablet; rail spike in telephone pole	1217.97
28	11.0		UE 2 A; Frankville, 0.5 mi N.; near W. sixteenth cor. between secs. 24 and 25, T. 97 N., R. 7 W.; 24 ft N. and 39 ft E. of T-rd. E. and 4.3 ft lower than; on N. end of corrugated iron culvert, punched hole	1240.71
32	12.1		UE 2 B; Frankville, 1.5 mi N. of; near quarter cor. between secs. 13 and 24, T. 97 N., R. 7 W., 30 ft S. and 33 ft W. of T-rd. W. and 1.5 ft lower than; on S. end of corrugated tin culvert, punched hole	1208.42
33	12.9		Frankville, 2.0 mi N. and 0.5 mi E. of; near quarter cor. between secs. 13 and 18, T. 97 N., R. 6 and 7 W.; 18 ft W. of center of rd. at culvert and 0.2 ft lower than; on center of W. concrete headwall, standard tablet stamped "3 RLB 1971"	1187.801
34	12.9		Reference Mark, 33 ft E. of tablet; 15 ft E. of center of rd., E. headwall of concrete box culvert, chiseled square	1187.67
35	13.3		UE 3 A; Frankville, 2.5 mi N. and 0.5 mi E. of; near cor. of secs. 12, 13, 7 and 18, T. 97 N., Rs. 6 and 7 W.; 102 ft N., 51 ft E. of T-rd. E. and 5.9 ft lower than; rail spike in power pole	1244.67
36	14.3		Reference Mark, 11.5 ft S. of crossroad, 0.5 ft N. of S. edge of concrete pavement; 1.0 ft E. of joint, chiseled square	1248.83
37	14.3		BM "4 RLB 1971" (Described in Line 3)	1245.238
38	15.1		UE 4 A; Waukon, 2 mi S. and 5.5 mi W. of; near cor. of secs. 5, 6, 7 and 8, T. 97 and 98 N., R. 6 W.; 11.7 ft N. of center of hwy. at crossroad, 0.3 ft S. of N. edge of pavement, 0.3 ft E. of joint, chiseled square	1235.33
39	16.2		UE 4 B; Waukon, 2.0 mi S. and 4.5 mi W. of; near cor. of secs. 4, 5, 8 and 9, T. 97 and 98 N., R. 6 W.; 33 ft S. and 23 ft E. of crossroad (Hwy. 9 E.-W., Hwy. 51 S., gravel rd. N.); 0.1 ft higher than crossroad, on NW. cor. of small traffic island, top of curb, chiseled square	1209.70
40	17.2		Waukon, 2.0 mi S. and 3.5 mi W. of; near cor. of secs. 3, and 4, 9 and 10, T. 97 and 98 N., R. 6 W., 102 ft S. and 36 ft W. of crossroad and lower than; standard rod supported tablet in 5 in. drain tile, stamped "5 RLB 1971"	1205.037
41	17.2		Reference Mark, 11.5 ft S. of crossroad and 0.15 ft lower than center; 0.5 ft N. of S. edge of pavement, chiseled square	1211.86
42	18.2		UE 5 A; Waukon, 2.0 mi S. and 2.5 mi W. of; near cor. secs. 2, 3, 10 and 11, T. 97 and 98 N., R. 6 W.; 11.5 ft S. and 0.5 ft E. of crossroad; 0.5 ft N. of S. edge of pavement, 0.5 ft E. of joint; on pavement, chiseled square	1194.29

LINE 4 (Cont'd)

FEET

DECORAH NO. 4 QUAD. - 237

- 1 43 19.2 UE 5 B; Waukon, 2.0 mi S. and 1.5 mi W. of; near cor. of secs. 1, 2, 11 and 12, T. 97 and 98 N., R. 6 W., 11.5 ft S. of crossroad, 0.5 ft N. of S. edge of pavement, 0.4 ft E. of joint, on pavement, chiseled square 1221.22
- 44 20.2 UE 5 C; Waukon, 2.0 mi S., 0.5 mi W. of; at cor. of secs. 1, 6, 7 and 12, T. 97 and 98 N., Rs. 5 and 6 W.; 11.5 ft S. of crossroad; 0.5 ft N. of S. edge of pavement, on pavement, chiseled square 1235.72

WAUKON NO. 3 QUAD. - 236

- 45 20.7 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

LINE 5

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

DECORAH NO. 4 QUAD. - 237

- 1 46 0.0 USC&GS BM "L 12 1933" (Described in Line 4) 1207.158
- 46 1.0 At Postville, Allamakee County, at the cor. of Green and Reynolds Streets; in the N. wall of the Commercial Hotel; 18 ft S. of the S. curb of Green Street, 18 ft E. of the center of the N. entrance to the building, 15 ft E. of the SE. cor. of the building, and 4.5 ft from the base line of the building; a USGS standard tablet stamped "DBA 1195" and set vertically Elev. by USC&GS 1194.102
- 47 1.1 At Postville, Allamakee County, 58 ft S. of the center of the C. M. St. P. & P. RR. main track, at the crossing of Lawyer Street (U.S. Hwy. 51), 16 1/2 feet E. of the E. curb of Lawyer Street, 12 ft SW. of the NW. cor. of the Postville Lumber Yard, and 3 ft W. of the W. edge of the E. sidewalk; a standard USC&GS disk stamped "M 12 1933" and set in the top of a concrete post 1190.562

LINE 6

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

WAUKON NO. 3 QUAD. - 236

- 1 48 0.0 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
- 48 0.3 UE P 12 AA 4; 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 1.6 Azimuth Mark for SILVER, 1961. Luana, 3.0 mi S. and 1.5 mi W. of; near N 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 1.6 Reference Mark, 72 ft N. and 44 ft E. of crossroad, across N.-S. rd. from RM; rail spike in power pole 1071.22

LINE 6 (Cont'd)

WAUKON NO. 3 QUAD. - 236

FEET

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| 1 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 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 road at culvert; on E. end of corrugated iron culvert, punched hole | 1043.45 |

ELKAKER NO. 2 QUAD. - 213

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|----|-----|--|---------|
| 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 road on N. end of corrugated steel culvert; chiseled cross | 1048.17 |
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LINE 7

C.D. Lien, 1977; Book CV-3390

DECORAH NO. 4 QUAD. - 237

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|-----|-----|---|----------|
| 1 2 | 0.0 | USC&GS Triangulation Station CASTALIA, 1961. The station is about 4 mi NW. of Postville; about 2.5 mi SE. of Castalia; in the SW $\frac{1}{4}$ sec. 26, T. 96 N., R. 7 W., on R.R. property, it is 108 ft NE. of a fence corner, 88 ft E. of a telephone pole, 73 ft N. of the center of U.S. Hwy. 52, 31 ft S. of the S. rail of R.R. track and 4 ft SW. of a witness post. The monument projects 6-in. and the disk is stamped "CASTALIA 1961". | 1223.277 |
| 3 | 1.0 | UE Castalia AA; 0.96 mi NW. along U.S. Hwy. 52 from tablet; a copper nail and washer in centerline of crossroads | 1213.8 |
| 5 | 2.1 | UE Castalia BB; 2.1 mi NW. along U.S. Hwy. 52 from tablet, a chiseled square in centerline of road at T-rd. S. | 1244.2 |
| 7 | 2.7 | Reference mark, 6 ft S. and 82 ft E. of tablet, 14 ft E. of NE. cor. of building and 1 ft W. of a manhole cover, a chiseled square on a concrete curb dividing two driveways | 1250.71 |
| 8 | 2.7 | Castalia, at, T. 96 N., R. 7 W., near the quarter cor. between secs. 20 and 21, 895 ft NW. of a T-rd. N. at a sharp curve SW. on U.S. Hwy. 52, 550 ft NW. of a R.R. overpass, 45.5 ft S. of road, 6 ft N. and 1 ft E. of the NW. cor. of a large red brick building, with a green roof and 1 ft S. and 1 ft E. of a concrete walk around building cemented in the NW. cor. of a concrete walk, a standard tablet stamped "7 CDL 1977" | 1251.745 |
| 10 | 3.9 | UE 7 A, 1.2 mi NW. along Hwy. 52 from tablet, a copper nail and washer in centerline of crossroads | 1260.6 |
| 14 | 5.0 | UE 7 B, 1.2 mi NW. along Hwy. 52 then 1.2 mi S. and W. along road from tablet, T. 96 N., Rs. 7 and 8 W., near the quarter cor. between secs. 19 and 24, 16 ft N. and 24 ft W. of; and 1.9 ft lower than centerline of bridge a copper nail and washer in the top of a bridge piling, NW. cor. of br. water 12.5 ft below centerline of bridge | 1169.73 |

LINE 3 (Cont'd)

DECORAH NO. 4 QUAD. - 237

FEET

- 1 17 6.1 BM, Castalia, 0.5 mi S. and 2.5 mi W. of; T. 96 N., R. 8 W., near the NE. sixteenth cor. of sec. 25, 68 ft S. and 30 ft E. of; and 7 ft lower than centerline road at field entrance S. and at sharp curve in the road (N. and W.) and 1.8 ft W. of a power pole and right-of-way fence set on top of a 0.5 in. copper coated steel rod which is enclosed by a 6-in. tile set flush with ground, standard tablet stamped "8 CDL 1977" 1198.803
- 21 7.3 UE 8 A, 1.2 mi S. along road from tablet, 45 ft S. and 60 ft E. of; and 2.6 ft higher than centerline of road at curve and drive S. and 1 ft S. of a telephone pole; a copper nail and washer in the top of a old telephone pole stump 1157.85
- 24 8.2 UE 8 B, 2.1 mi SW. along road from tablet, T. 96 N., R. 8 W., near the W. sixteenth cor. between secs. 1 and 36, 9 ft N. and 24 ft W. of and 2.6 ft lower than centerline of road at drive W., a chiseled square on the N. end of a concrete culvert under drive 1168.40

DECORAH NO. 3 QUAD. - 238

- 26 9.1 Reference mark, 37 ft N. and 118 ft E. of tablet and 24 ft N. and 13 ft W. of centerline of road at a field entrance N., a punched hole in the top of a metal culvert 1004.50
- 27 9.1 BM, Castalia, 2.75 mi S. and 3.75 mi W. of; T. 95 N., R. 8 W., near the center of sec. 2, West Union at the junction of U.S. Hwy. 18 and State Hwy. 150, 7.5 mi N. and 3 mi E. of, 13 ft S. and 27 ft E. of and 0.2 ft higher than centerline of a steel bridge cemented in the SE. cor. of a concrete wingwall, a standard tablet stamped "9 CDL 1977" 1004.746
- 32 10.2 UE 9 A, 0.75 mi S. of tablet, T. 95 N., R. 8 W., near the quarter cor. between secs. 2 and 11, 21 ft N. and 6 ft E. of; and 0.5 ft higher than centerline of bridge, a chiseled square in the NE. cor. of a bridge 981.06

DECORAH NO. 4 QUAD. 237

- 35 11.6 UE 9 B, 2.4 mi SSE. along road from tablet, T. 95 N., R. 8 W., near the quarter cor. between secs. 11 and 12, 21 ft S. and 14 ft E. of; and 3.8 ft lower than centerline of road at drive W., a chiseled square on a concrete culvert 958.99
- 37 13.0 Reference mark, 22.5 ft NW. and 24.7 ft SW. of T-rd. NW. and 64 ft SE. of tablet, a chiseled plus on a metal culvert 943.81
- 38 13.0 BM, West Union, at the junction of U.S. Hwy. 18 and State Hwy. 150, 6 mi N. and 4.25 mi E. of; T. 95 N., R. 8 W., near the W. sixteenth cor. between secs. 12 and 13, 97.3 ft W. of, and 8.5 ft higher than T-rd. NW. and 2.8 ft W. 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 "10 CDL 1977" 957.691

DECORAH NO. 3 QUAD. 238

- 42 14.3 UE 10 A, 1.25 mi SW. along road from tablet, T. 95 N., R. 8 W., near the center of sec. 14, 7 ft N., and 27 ft W. of; and 2.1 ft higher than centerline of bridge and 7 ft N. of W. end of bridge, a chiseled square on the top of the NW. cor. of a concrete railing of bridge 970.38

LINE 3 (Cont'd)

DECORAH NO. 3 QUAD. 238

FEET

- 1 46 14.8 UE 10 B, 1.75 mi SSW. along road from tablet, T. 95 N., R. 8 W., near the quarter cor. between secs. 14 and 23, 33 ft N. and 63 ft E. of; and 0.6 ft lower than I-rd. E. and 12.3 ft S. and 7 ft E. of the SW. cor. of a building, and 6 ft E. of a flagpole, a chiseled square on the SW. cor. of a concrete sidewalk to the Dover No. 6 Historical Society Building 971.32
- 51 16.2 BM, West Union at the junction of U.S. Hwy. 18 and State Hwy. 150, 4.5 mi N. and 4.25 mi E. of; T. 95 N., R. 8 W., 0.25 mi W. of the quarter cor. between secs. 19 and 24, 34.7 ft S. and 40.3 ft W. of; and 2.1 ft lower than I-rd. E., 3 ft S. of a fence corner and 10.2 ft W. 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 "11 CDL 1977" 901.382
- 52 16.3 Reference mark, 18 ft N. and 181.3 ft E. of a I-rd. E., 18 ft N. and 13 ft W. of a field entrance N. and 52.7 ft N. and 215.9 ft E. of tablet, a chiseled square on the W. end of a concrete culvert 896.80
- 55 17.0 UE 11 A, 0.75 mi S. along road from tablet, T. 95 N., R. 8 W., in the NE¼ of sec. 25, 11 ft W. of centerline of bridge over Turkey River, it is 3.4 ft lower than centerline of bridge on top of a 1.5 in. steel rod projects 0.4 ft above pillar 865.35
- 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 I-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

OELWEIN 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 State 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 I-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

OELWEIN NO. 2 QUAD. - 215

- 69 20.5 Clermont, about 5 mi W. of; about 3.5 mi NE. of West Union, in the NW¼ 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. cor. of frame chicken house, 74 ft NW. of NW. corner of brick house and 17 ft S. of an E.-W. row of fig. trees; monument is flush and the USCGS Triangulation Station disk is stamped "TURKEY 1961" 1228.036

11
43-091-32
DECORAH NO. 4 QUADRANGLE
237 - IOWA

ISOLATED BENCH MARKS

	<u>FEET</u>
T. 95 N., R. 6 W., NE $\frac{1}{4}$ sec. 16, in SE. cor. of schoolyard; iron post stamped "1075 DBQ"	1075.1
Lybrand, T. 96 N., R. 6 W., SW. cor. of schoolhouse yard; iron post stamped "1186 DBQ" (Not found 11-71)	1185.2
T. 97 N., R. 6 W., center; 20 ft W. of road intersection on N. side of; at Center Schoolhouse; iron post stamped "1169 DBQ" (Not found, probably destroyed) (11-71, FRC)	1168.5
T. 97 N., R. 7 W., near center of sec. 15; NW. of road junction, in SE. cor. of McKay Schoolyard; iron post stamped "1144 DBQ" (Reported destroyed 3-71)	1143.7
Clearmont, in sec. 34, T. 95 N., R. 7 W.; in NE. cor. of schoolyard; iron post stamped "861 DBQ"	861.4