

Marlee &
BFP

OFFICE COPY HOLD

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Final Adjustment of 1974

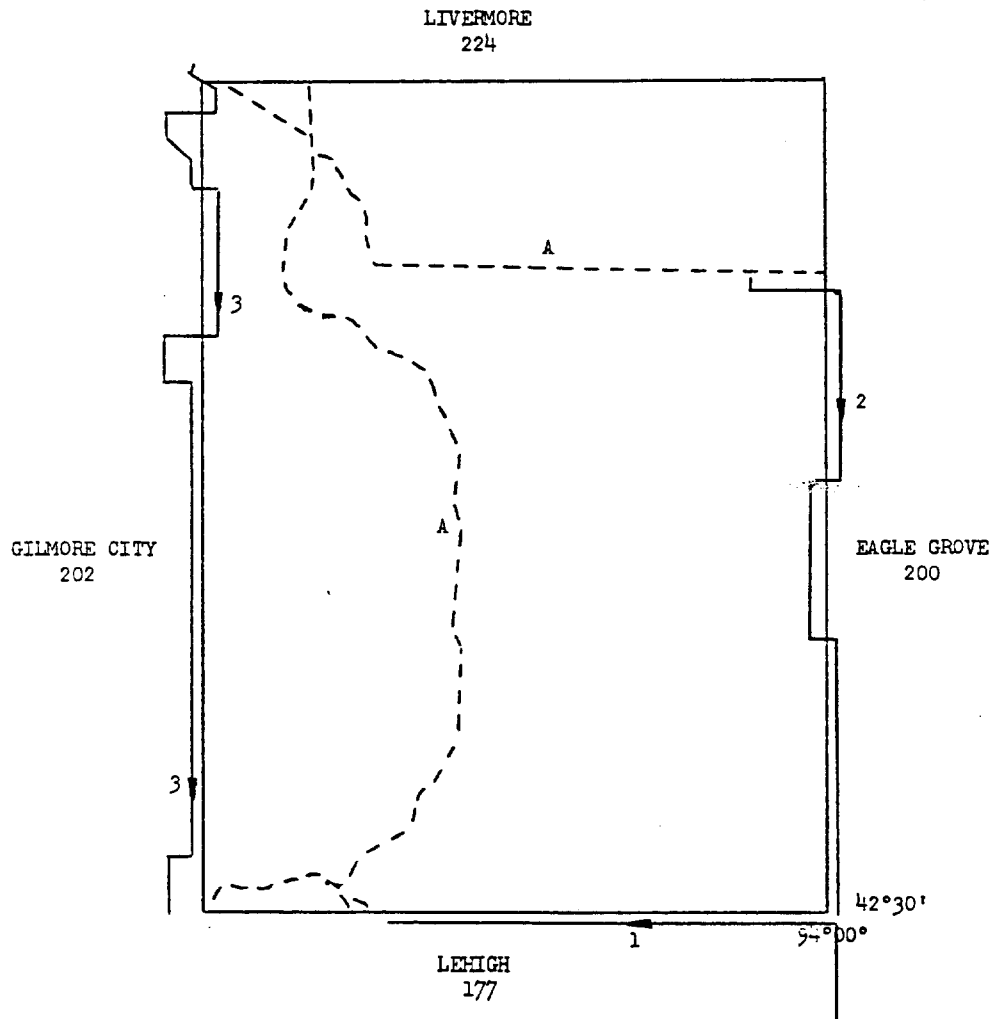
Humboldt and Webster Counties

Edition: 2/12/86 FWK

PR:MLC/vde/ADP/cb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

42-094-12
FORT DODGE QUADRANGLE
201 - IOWA
N4230-W9400/15
DIAGRAM NK 15-4
FT. DODGE



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

A. Quadrangle No. 420941

201-A

LINE 1

FEET

W.K. McCurley, 1964; Book CV-1770

WEBSTER CITY QUAD. - 176

- 0.0 USC&GS D 32 1934" Duncombe, at; 303 yards E. of the I.C. RR. station opposite milepost 364, 40 yards E. of road crossing, 44 ft S. of S. rail; and 2.5 ft N. of right-of-way fence; a USC&GS standard disk stamped "D 32 1934" set in top of concrete post and projecting 4-in. above ground 1105.995
- 1.0 UE D 32 C, 1 mi N. of tablet; (along U.S. Hwy. 20) T. 89 N., R. 27 W., cor. secs. 25, 26, 35 and 36; in center of hwy. at E.-W. roads, a copper nail and washer 1121.21
- 1.7 UE D 32 D, 1.9 mi N. of tablet; (along U.S. Hwy. 20) T. 89 N., R. 27 W., near cor. secs. 23, 24, 25 and 26, 240 ft N. (from intersection of gravel road N. and U.S. Hwy. 20 at curve) and 17 ft W. of center of gravel road and 3.6 ft lower than intersection on top of concrete culvert; a chiseled square 1103.55

LEHIGH QUAD. - 177

- 2.9 Reference mark, 415 ft E. of tablet; and 36 ft N. of center of hwy., on top of steel corrugated culvert 1101.90
- 2.9 Duncombe, 2 mi N. and 1 mi W. of; T. 89 N., R. 27 W., cor. secs. 22, 23, 26 and 27, 62 ft N., 50 ft E. of and 2.2 ft lower than center of hwy. at T-rd. S., 2.5 ft S. of N. right-of-way fence; in top of concrete post; standard tablet stamped "31 WMC 1964 1101" 1100.874
- 3.4 UE 31 WMC A, 0.5 mi W. of tablet; T. 89 N., R. 27 W., quarter cor. between secs. 22 and 27, in center of U.S. Hwy. 20 at T-rd. N.; copper nail and washer 1110.98
- 4.5 UE 31 WMC B, 1.55 mi W. of tablet; T. 89 N., R. 27 W., near quarter cor. between secs. 21 and 28; 56 ft N., 180 ft W. of and 3.4 ft lower than crossroads; on top of W. side of concrete base of drain intake; a chiseled square 1115.44
- 5.0 UE 31 WMC C, 2.02 mi W. of tablet; T. 89 N., R. 27 W., cor. secs. 20, 21, 28 and 29; in center of hwy. at T-fence S. 1117.69
- 6.0 Duncombe, 2 mi N. and 4 mi W. of; T. 89 N., R. 27 W., cor. secs. 19, 20, 29 and 30; 100 ft N., 34 ft E. of and 3.5 ft lower than crossroads; in top of concrete post; standard tablet stamped "32 WMC 1964 1121" 1120.412
- 6.0 Reference mark, 245 ft W. of tablet; 95 ft N. of center of road, in power pole a lag bolt 1125.37
- 7.1 UE 32 WMC A, 1.2 mi W. of tablet; T. 89 N., R. 28 W., near SE. cor. of sec. 24, 705 ft W. of crossroads; at sec. cor. on top of E. end of N. concrete headwall of bridge; and 1.4 ft higher than center of bridge; a chiseled square 1110.51
- 8.0 UE 32 WMC B, 2 mi W. of tablet; T. 89 N., R. 28 W., cor. secs. 23, 24, 25 and 26, 61 ft N., 140 ft E. of and 4.8 ft lower than center of hwy. at T-rd. S.; on top of concrete culvert; a chiseled square 1111.30
- 9.0 Reference mark, 210 ft SE. of tablet; 27 ft W. and 15 ft S. of T-rd. S., on top of concrete culvert; a chiseled square 1113.55
- 9.0 Fort Dodge, 2.5 mi E. of (along U.S. Hwy. 20 from intersection of State Hwy. 413) T. 89 N., R. 28 W., cor. secs. 22, 23, 26 and 27, 52 ft N., 141 ft W. of and 1.9 ft higher than T-rd. S., 2.5 ft S. of N. right-of-way fence; in top of concrete post; standard tablet stamped "33 WMC 1964 1116" (Not found - probably destroyed 10-74, CDL) 1115.533
- 10.1 UE 33 WMC A, 1.0 mi W. of tablet; T. 89 N., R. 28 W., near cor. secs. 21, 22, 27 and 28; 43 ft N., 40 ft W. of and 3.2 ft lower than center of hwy. at T-rd. N.; in power pole; a lag bolt 1110.19

LINE 1 (Cont'd)

LEHIGH QUAD. - 177

FEET

- 11.0 UE 33 WMC B, 2 mi W. of tablet; at W. side of Fort Dodge, at Ft. Dodge D.M. & S. RR. crossing of hwy. 20, 24 ft N., 16 ft W. of and 0.4 ft higher than intersection of U.S. Hwy. 20 and S. 22nd St.; on top of N. concrete curb of Hwy.; a chiseled square 1110.89
- 11.6 UE 33 WMC C, 2.5 mi W. of tablet; in Fort Dodge at intersection of U.S. Hwy. 20 and State Hwy. 413 (N.) T. 89 N., R. 28 W., near quarter cor. between secs. 20 and 29; 42 ft S., 23 ft W. of and 0.8 ft higher than cross-streets, on top of concrete base of signal light; a chiseled square 1107.95
- 12.1 Center of Hwy. 20 at E. end of bridge over Des Moines River 1062.81
- 12.1 Fort Dodge, at; about 260 yards SE. of the I.C. Freight Station, at a steel bridge over street in the top of concrete headwall; 8.2 ft W. of W. track; 2.2 ft W. of steel sidewalk; and 1.7 ft E. of the W. end of the headwall; a USC&GS standard disk stamped "J 32 1934" (desc. by W.K.M. 11-64) 1029.519

LINE 2

M.L. Kennedy, 1974; Book CV-3134

FORT DODGE QUAD. 201 IA.

- 1 2 0.0 BM, 1.1 mi E. along the Chicago & North Western RR. from the station at Thor, Humboldt County, about 165 yards E. of "Station one mile sign", 61 ft NW. of a section-road crossing, 44.8 ft N. of the N. rail, 6 ft W. of a right-of-way fence corner, and 2 ft S. of the fence, a standard USC&GS disk, stamped "B 28 1934" and set in the top of a concrete post projecting about 4-in. above ground 1135.227
- 5 1.1 UE B 28 A, 1.2 mi along roads from tablet (E.) near the corners of secs. 14, 15, 22 and 23, R. 27 W., T. 91 N., 39 ft N. and 22 ft W. from the center of crossroads on the W. end of a concrete culvert; a chiseled square; painted EAGLE GROVE QUAD. - 200 1142.70
- 8 2.2 UE B 28 B, 2.2 mi E. along roads from tablet near the cor. of secs. 13, 14, 23 and 24, T. 91 N., R. 27 W., 40 ft S. and 22 ft W. from the centerline of crossroads on the W. end of a concrete culvert; a chiseled square 1133.81
- 10 3.0 Vincent, 5.5 mi N. and 1.5 mi E. from, 0.2 mi N. from cor. of secs. 23, 24, 25 and 26, T. 91 N., R. 27 W., 17 ft S. and 12 ft W. of and 0.3 ft higher than centerline of small bridge near the S. end of the W. concrete curb, a standard tablet embedded in the concrete curb stamped "1 MK 1974" 1127.146
- 11 3.0 Reference mark, 35.4 ft ESE of tablet, 40 ft S. and 12 ft E. of centerline of bridge, a chiseled square on curb 1127.17
- 15 4.6 UE 1 MK A, 1.6 mi S. from tablet, 8 ft S. and 10 ft W. and 0.9 ft higher than centerline of bridge at the S. end of the W. bridge curb, a chiseled square 1129.85
- 17 5.2 UE 1 MK B, 2.2 mi S. along road from tablet at the cor. of secs. 1, 2, 35 and 36, T. 90 and 91 N., R. 27 W., 36 ft N., 23 ft E. and 2.5 ft lower than center of crossroads; on the S. end of a concrete culvert, a chiseled square 1123.82
- 19 6.2 UE 1 MK C, 3.2 mi S. along road from tablet, 83 ft W., 26 ft N. and 1.8 ft lower than T-rd. N., on the N. end of a concrete culvert; a chiseled square 1131.63
- FORT DODGE QUAD. - 201
- 21 7.7 Reference mark, 31 ft E. and 12 ft S. of road at drive on S. end of concrete culvert, a chiseled square, 117 ft NNE. of tablet 1143.54

LINE 2 (Cont'd)

FORT DODGE QUAD. - 201

FEET

- | | | | |
|--|------|---|----------|
| 1 22 | 7.7 | Vincent, 1.5 mi N. and 1 mi E. from near the quarter cor. of secs. 11 and 14, T. 90 N., R. 27 W., 45 ft N., 38 ft W. and 1.6 ft lower than centerline of T-rd. W., 2 ft SSE. of a utility pole, a standard tablet, affixed by solder, to a copper-weld rod driven to a depth of refusal of 10 ft, stamped "2 MK 1974" | 1141.908 |
| 26 | 8.7 | UE 2 MK A, 1 mi along road from tablet, near the quarter cor. between secs. 14 and 23, T. 90 N., R. 27 W., 32 ft N. and 36 ft E. from centerline of crossroads on the S. end of a concrete culvert, a chiseled square | 1146.32 |
| 28 | 9.7 | UE 2 MK B, 2 mi S. along road from tablet, near the quarter cor. between secs. 23 and 26, T. 90 N., R. 27 W., 61 ft S. and 16 ft W. of centerline of crossroads on the W. end of a concrete culvert; a chiseled square | 1135.26 |
| <u>EAGLE GROVE QUAD. - 200</u> | | | |
| 31 | 11.2 | UE 2 MK C, 3.5 mi S. from tablet along road near the cor. of secs. 25, 26, 35 and 36, T. 90 N., R. 27 W., 32 ft E. and 18 ft S. and 2.4 ft lower than centerline of crossroads on the S. end of a concrete culvert; a chiseled square | 1142.64 |
| 33 | 12.2 | Vincent, 2.5 mi S. and 1.5 mi E. from, near the cor. of secs. 1, 2, 35 and 36, T. 89 and 90 N., R. 27 W., 13 ft N. and 13 ft W. from the centerline of the road and a large diagonal culvert on the NW. banister of the culvert, embedded in concrete, a standard tablet stamped "3 MK 1974" | 1130.447 |
| <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>RESET - SEE BACK
OF RECORD FOR
DESCRIPTION AND
ELEVATION</p> </div> | | | |
| 34 | 12.2 | Reference mark, 63 ft S. and 29 ft E. of centerline of road at culvert, on the N. end of a small concrete culvert, a chiseled square, 76 ft SSE. of tablet DESTROYED | 1126.58 |
| 36 | 13.2 | UE 3 MK A, 1 mi S. of tablet on road, near the cor. of secs. 1, 2, 11 and 12, T. 89 N., R. 27 W., 29 ft S., 24 ft W. and 3.2 ft lower than centerline of crossroads, on the W. end of a concrete culvert; a chiseled square | 1117.63 |
| 39 | 14.3 | Reference mark, 48 ft W. of tablet, 49 ft W. and 20 ft S. of centerline of bridge on the W. end of corrugated metal pipe culvert, a punched hole | 1107.86 |
| 40 | 14.3 | Vincent, 4.5 mi S. and 1.5 mi E. from approx. 410 ft W. of cor. of secs. 11, 12, 13 and 14, R. 27 W., T. 89 N., 10 ft S. of centerline of bridge on center of S. bridge banister, a standard tablet embedded in concrete stamped "4 MK 1974" | 1112.479 |
| 42 | 15.4 | UE 4 MK A, 1.2 mi S. along road from tablet, near the cor. of secs. 13, 14, 23 and 24, T. 89 N., R. 27 W., 47 ft S., 23 ft W. and 1.5 ft lower than centerline of crossroads on the W. end of a large concrete culvert; a chiseled square | 1109.07 |

WEBSTER CITY QUAD. - 176

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|---------------------------|------|---|----------|
| 45 | 16.5 | UE 4 MK B, 610 ft W. from crossroads, 27 ft N. of centerline of road at a culvert on the N. end of a concrete culvert, a chiseled square | 1103.81 |
| <u>LEHIGH QUAD. - 177</u> | | | |
| 47 | 17.4 | Duncombe, 2 mi N. and 1 mi W. of; T. 89 N., R. 27 W., cor. secs. 22, 23, 26 and 27; 62 ft N., 50 ft E. of and 2.2 ft lower than center of hwy. at T-rd. S.; 2.5 ft S. of N. right-of-way fence; in top of concrete post; standard tablet stamped "31 WMC 1964 1101" painted "EM 1100.9" | 1100.874 |

LINE 3

FEET

M.L. Kennedy, 1974; Book CV-3134

OTTOSEN QUAD. - 225

- 2 4 0.0 BM, 2.0 mi SE. along the Chicago & North Western RR. from the station at Rutland, Humboldt County; 110 yards NW. of culvert 2551, 75 ft NW. of a county-road crossing, 44.2 ft NE. of the NE. rail, and 4.5 ft SW. of a right-of-way fence corner, a standard USC&GS disk stamped "T 27 1934" and set in the top of a concrete post projecting about 4-in. above ground 1128.452
- 6 0.8 UE T 27 A, 0.7 mi SE. along road from tablet, 48 ft E., 13 ft S. and normal to field road crossing RR. track on the S. stone headwall of a RR. culvert, a chiseled pentagon 1124.48
- 8 1.0 UE T 27 B, 1 mi S. and E. along roads from tablet, 25 ft S., and 26 ft E. from centerline of road at E.-W. fence on the S. end of a culvert, under a field entrance E. near the top of a hill; a chiseled square 1140.29
- 12 2.0 UE T 27 C, 1.9 mi S. along roads from tablet at a bridge over the W. branch of the bridge on the N. edge of the SW. wingwall, a chiseled square 1086.43
- 16 3.3 BM, Humboldt, at the junction of hwy. 169 and 3, 1.6 mi W. along hwy. 3 from, in the NW. quarter of sec. 3, T. 91 N., R. 29 W., 87 ft S., 29 ft E. and normal to hwy. at T-rd. SSE. in the SW. corner of a concrete base for the sign for Joe Sheldon Park, a standard tablet embedded in concrete, stamped "5 MK 1974" 1120.209
- 17 3.4 Reference mark, 108 ft SSE. from tablet in the N. end of a concrete culvert under the drive to the park, a chiseled square 1117.85
- 19 4.5 UE 5 MK A, 1.15 mi S. along road from tablet near the N $\frac{1}{4}$ cor. of sec. 10, T. 91 N., R. 29 W., 37 ft S. and 7 ft E. of centerline of T-rd. N. on the E. end of a concrete culvert; a chiseled square 1138.93

FORT DODGE QUAD. - 201

- 22 6.0 UE 5 MK B, 2.65 mi S. along road from tablet near the cor. of secs. 10, 11, 14 and 15, T. 91 N., R. 29 W., 56 ft E. and 22 ft S. of centerline of crossroads on S. end of concrete culvert; a chiseled square 1128.05
- 24 7.0 Humboldt, at the intersection of hwy. 169 and 3, 3 mi S. and 1 mi W. from, near the cor. common to secs. 14, 15, 22 and 23, T. 91 N., R. 29 W., 45 ft N., 32 ft E. and 4.1 ft lower than crossroads, 2.2 ft W. of utility pole, a standard rod supported tablet stamped "6 MK 1974" 1130.771
- 25 7.0 Reference mark 9.5 ft SSW. from tablet, iron post leaning (post is believed to have been Iowa level post) 1131.53
- 27 8.0 UE 6 MK A, 1 mi S. along road from tablet near the cor. of secs. 22, 23, 26 and 27, T. 91 N., R. 29 W., 26 ft N. and 22 ft E. of centerline of T-rd. N. on the E. end of a concrete culvert; a chiseled square 1102.49

GILMORE CITY QUAD. - 202

- 29 8.6 UE 6 MK B, 1 mi S. and 0.6 mi W. along roads from tablet, 18 ft N. of road on N. headwall of a culvert, a chiseled square 1115.83
- 32 9.3 BM, Humboldt, at the intersection of hwy. 3 and 169, 4.25 mi S. and 2 mi W. from near the N. sixteenth cor. between secs. 27 and 28, T. 91 N., R. 29 W., 16 ft N. and 16 ft W. of the centerline of a small bridge, on the NW. wing wall, 3 ft from the SE. end, a standard tablet embedded in concrete stamped "7 MK 1974" 1117.879

<u>LINE 3 (Cont'd)</u>		<u>GILMORE CITY QUAD. - 202</u>	<u>FEET</u>
2 33	9.3	Reference mark, 144 ft SSE. of tablet, 28 ft E. of Road on N. end of concrete culvert; under field entrance, a chiseled square	1124.61
36	10.5	UE 7 MK A, 0.7 mi S. and 0.5 mi E. along road from tablet, 38 ft N., 20 ft E. and ft lower than centerline of T-rd. S. on E. end of concrete culvert, a chiseled square	1139.19
38	11.5	UE 7 MK B, 0.7 mi S. and 0.5 mi E. and 1 mi S. from tablet, 19 ft E. of centerline of road at culvert on the E. end of a concrete culvert, a chiseled square	1133.87
40	12.5	UE 7 C, 0.7 mi S., 0.5 mi E. and 2 mi S. from tablet, 27 ft W. and 10 ft N. and 2.5 ft lower than road at drive, on top of N. end of a concrete culvert, a chiseled square	1144.30
41	13.0	BM, Badger, 5.5 mi W. and 0.5 mi N. from near the center of sec. 10, T. 90 N., R. 29 W., 43 ft N., 39 ft E. and ft lower than centerline of crossroads, 1 ft S. of fence and 1.5 ft W. of witness post a standard rod supported tablet stamped "8 MK 1974"	1133.659
43	13.0	Reference mark, 84 ft S. from tablet, 40 ft S., and 20 ft E. from centerline of crossroads on E. end of a concrete culvert, a chiseled square	1135.11
46	13.8	UE 8 MK A, 0.8 mi S. along road from tablet, 31 ft E. 13 ft S. and 2.5 ft lower than road at drive E., to Melvin Schultze farm on the S. end of a concrete culvert, a chiseled square	1121.17
49	14.9	UE 8 MK B, 1.9 mi S. along road from tablet in the N $\frac{1}{2}$ of sec. 22, T. 90 N., R. 29 W., 18 ft S., 11 ft W. and ft higher than centerline of bridge near the S. end of the W. bridge curbing, a chiseled square	1096.26
51	15.6	UE 8 MK C, 2.5 mi S. along road from tablet near the quarter cor. between secs. 22 and 27, 141 ft E., 44 ft S. and 2.8 ft lower than centerline of hwy. at crossroads on W. end of concrete culvert under field entrance; a chiseled square	1154.64
54	16.6	Reference mark, 117 ft N. of tablet, 87 ft W. and 35 ft N. of centerline of crossroads, on the N. end of concrete culvert; a chiseled square	1140.22
55	16.6	BM, Badger, 5.5 mi W., 3 mi S. from near the quarter cor. between secs. 27 and 34, T. 90 N., R. 29 W., 75 ft S. and 50 ft W. of the centerline of a crossroads on the S. end of the first concrete step to the Deer Creek Township Hall, a standard tablet embedded in concrete stamped "9 MK 1974"	1140.254
57	17.6	UE 9 MK A, 1 mi S. along road from tablet, near the quarter cor. between secs. 3 and 34, T. 89 and 90 N., R. 29 W., 28 ft N. and 28 ft W. and 3.1 ft lower than centerline of T-rd. W. on the N. end of a concrete culvert, a chiseled square	1125.04
59	18.6	UE 9 MK B, 2 mi S. along road from tablet, near the quarter cor. between secs. 3 and 10, T. 89 N., R. 29 W., 37 ft N., 22 ft W., 2.9 ft lower than centerline of crossroads on the W. end of a concrete culvert, a chiseled square	1126.77
62	19.6	Reference mark, 138 ft N. of tablet, 9 ft W. of centerline of bridge on the NW. bannister, a chiseled square	1046.52
63	19.7	BM, Fort Dodge, at the junction of hways. 169 and 20, 3 mi N. and 2.5 mi W. from, near the quarter cor. between secs. 10 and 15, T. 89 N., R. 29 W., 59 ft S. and 9 ft W. from a painted cross near the centerline of the bridge, 3.3 ft from the S. end of the bridge on the S. bridge curb, a standard tablet embedded in concrete and stamped "10 MK 1974"	1047.139

LINE 3 (Cont'd)

GILMORE CITY QUAD. - 202

FEET

- 2 66 21.1 UE 10 MK A, 0.9 mi S. and 0.5 mi W. along roads from tablet, 53 ft S. and 34 ft W. from centerline of T-rd. S. atop a railroad rail; painted white 1139.39
- GOWRIE QUAD. - 178
- 68 22.5 BM, 1.5 mi E. along the Illinois Central RR. from Tara, Webster County, 0.5 mi W. of mile-post 379, 70 ft E. of the centerline of a county road, 41.5 ft E. of the first power-transmission line pole N. of the track, 39.9 ft N. of the centerline of track, and 10 ft S. of a fence, a standard USC&GS disk stamped "1120.815 B 13 1933" and set in the top of a concrete post 1120.815

ISOLATED BENCH MARKS

- Fort Dodge, NW. cor. of post office, rear end, 20-in. above sidewalk and 12-in. from N. edge of building, standard tablet stamped "IOWA 1099" (USC&GS 1933) (RESET in New Municipal Bldg. at same elev.) 1098.571
- T. 89 N., R. 28 W., cor. secs. 15, 16, 21 and 22; at T-rd. N.; 40 ft S. of center of road fork; 3 ft N. of fence line and 2 ft N. of telephone pole; iron post stamped "IOWA 1919 1109" 1108.910
- T. 89 N., R. 27 W., cor. secs. 13, 18, 19 and 24, 50 ft SE. of center of crossroads; iron post stamped "PTS 5 1919 IOWA 1113" 1112.819
- T. 89 N., R. 27 W., quarter cor. N. side sec. 21, at T-rd. S.; 75 ft SW. of road fork, 4 ft N. of fence line, 3 ft W. of telephone pole; iron post stamped "IOWA 1919 1120" (Not found - probably destroyed 11-74 CDL) (Elev. not available)
- T. 89 N., R. 29 W., cor. secs. 23, 24, 25 and 26; at right angle of road, in front of Oakdale dairy farm, 40 ft N. of second class road fork; 6 ft E. of fence corner; iron post stamped "IOWA 1919 1120" (Not found - 11-74, CDL) 1119.853
- T. 90 N., R. 28 W., cor. secs. 7, 8, 17 and 18, T-rd. N.; 35 ft NW. of road fork; iron post stamped "IOWA 1919 1136" (Not found 11-74 CDL) 1136.129
- T. 90 N., R. 28 W., cor. secs. 10, 11, 14 and 15, 35 ft SW. of crossroads; iron post stamped "PTS S 14 1132 IOWA 1919" USC&GS tie in 1936 1131.478
- T. 90 N., R. 27 W., cor. secs. 8, 9, 16 and 17, 35 ft NE. of center of crossroads; iron post stamped "1128 IOWA 1919" (not found 10-74, CDL) 1127.995
- Tps. 89 and 90 N., R. 27 W., cor. secs. 5, 6, 31 and 32; 35 ft NE. of crossroads; iron post stamped "IOWA 1919 1130" (Not found 10-74, CDL) 1129.731
- Tps. 89 and 90 N., R. 28 W., cor. secs. 2, 3, 34 and 35, 40 ft SE. of crossroads; iron post stamped "IOWA 1919 1136" 1135.719
- T. 90 N., R. 28 W., quarter cor. N. side of sec. 32, T-rd. W.; 38 ft SW. of road fork; iron post stamped "IOWA 1919 1121" 1121.486
- Thor High School, 1220 ft W. of cor. secs. 16, 17, 20 and 21; T. 91 N., R. 27 W., in SW. cor. of schoolyard; iron post stamped "IOWA" (Elev. by USC&GS) 1142.718
- T. 91 N., R. 28 W., at cor. secs. 13, 14, 23 and 24, in SW. cor. of schoolyard, 6 ft W. of gate; iron post stamped "IOWA" (Elev. by USC&GS) (Not found 10-74, CDL) 1126.271

ISOLATED BENCH MARKS (Cont'd)

FEET

Humboldt, at cor. of Summer Ave. and Love Joy Street, in the Dean Bldg., 1.5 ft S. of E. stair entrance to second floor, in water table; standard tablet stamped "IOWA 1921" DESTROYED 11-77 WFB 1089.090

T. 91 N., R. 29 W., at cor. secs. 14, 15, 22 and 23; in NE. cor. of crossroads; inside field 5 ft N. and 1 ft E. from fence corner; iron post stamped "IOWA" 1131.56

T. 92 N., R. 27 W., 1080 ft N. of cor. secs. 28, 29, 32 and 33; at SE. corner of road junction, NW. cor. of Mrs. A.C. Johnson's yard; iron post stamped "IOWA"(Not found 10-74, CDL) 1136.854

T. 91 and 92 N., R. 28 W., near cor. secs. 3, 4, 33 and 34; 67 ft E. and 62 ft S. from center of crossroads; in NW. corner of Mary J. Flury's yard; replaced by standard tablet in 6 x 6 in. x 5 ft concrete monument 1139.297

OFFICE COPY HOLD

IOWA 201
FORT DODGE

RESET

BM 3 MK 1974 RESET 1984

BM; VINCENT, 2.5 MI S. AND 1.5 MI E. FROM; TPS. 89 AND 90
N., R. 27 W., NEAR COR. SECS. 1, 2, 35 AND 36; 26 FT N.
AND 26 FT W. OF RD. AT CULVERT; ON NW. END OF A NW.-SE. 4
FT X 6 FT CONCRETE CULVERT; 2 FT SE. OF NW. CONCRETE INLET
APRON, COUNTERSUNK; A BERNTSEN TABLET STAMPED "3 MK 1974
RESET 1984"

RESET ELEVATION 1122.75 FT

RESET METHOD DOES NOT MEET THIRD-ORDER STANDARDS