

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

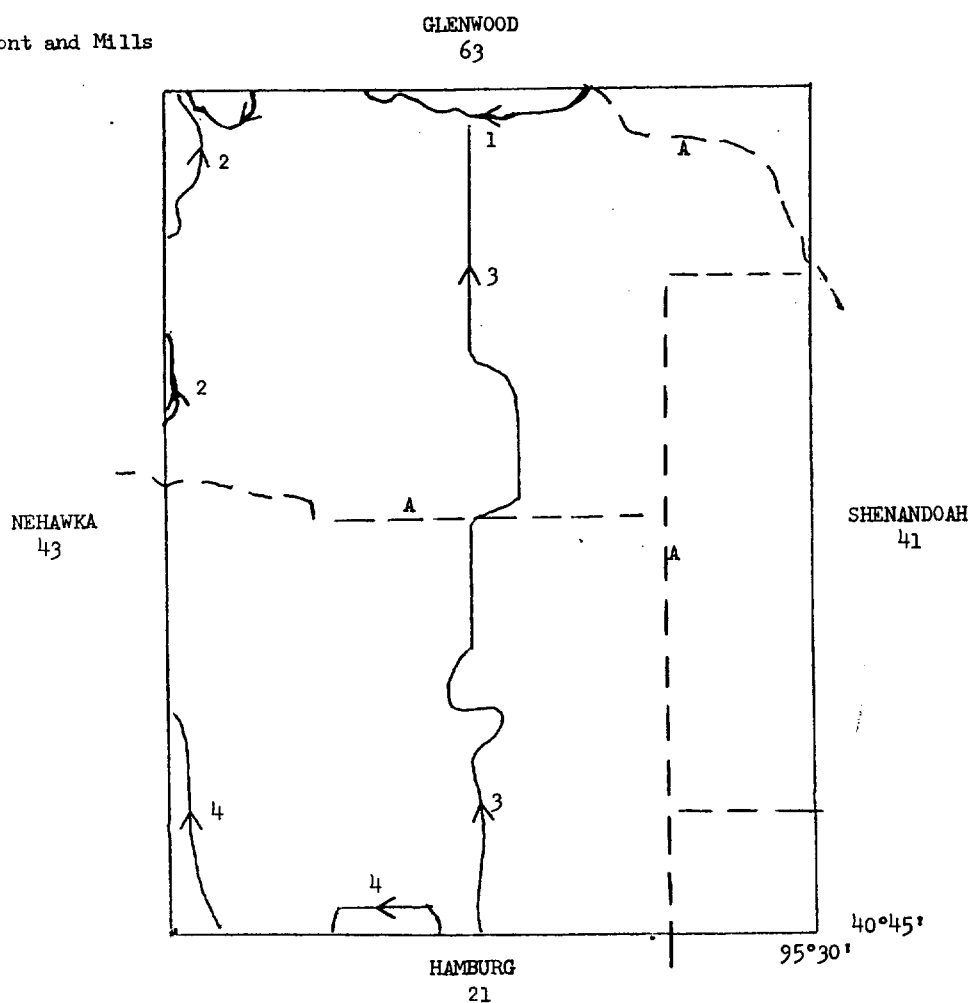
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

40-095-41
TABOR QUADRANGLE
42 - IOWA
N4045-W9530/15
DIAGRAM NK 15-10
NEBRASKA CITY

Edition of: 1-9-81

PR: ADP/ob/ph

Counties: Fremont and Mills



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

A. Quadrangle No. 400954

42c

LINE 1

FEET

R. E. Carey, 1955; Book CV-676

- | | | |
|------|---|----------|
| 1.1 | T. 72 N., R. 41 W., near quarter corner between secs. 31 and 32, centerline of bridge over canal | 993.8 |
| 2.2 | Reference mark, about 130 ft E. of tablet 65 ft S. centerline rd., in root on NW. side of a 18-in. oak tree; copper nail and washer | 1033.77 |
| 2.2 | Malvern, 0.5 mi S. and 1.5 mi W. of, 210 ft N. and 110 ft E. of I-rd. W., which is near quarter corner between secs. 31 and 36, T. 72 N., Rs. 41 and 42 W., 42 ft S. and 110 ft E. of I-rd. E., 7 ft N. and 3 ft W. of a 30-in. oak tree, in concrete post; standard tablet stamped "10 RC 1955 1038" | 1038.046 |
| 3.8 | T. 72 N., R. 42 W., about 250 ft W. of the center of sec. 35, centerline of bridge | 1130.1 |
| 4.3 | Reference mark, about 140 ft NE. of tablet, 40 ft E. of centerline rd., in root on W. side of a 12-in. pine tree; copper nail and washer | 1183.66 |
| 4.3 | Malvern, 0.5 mi S. and 3.5 mi W. of, 337 ft N. and 34 ft W. of I-rd. E., which is near quarter corner between secs. 34 and 35, T. 72 N., R. 42 W., 2 ft N. and 1 ft W. of a power line pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "11 RC 1955 1184" | 1184.020 |
| 8.8 | Malvern, 0.5 mi S. and 7 mi W. of, 3.5 mi S. and 1.5 mi E. of Glenwood, near the center of sec. 31, T. 72 N., R. 42 W., 20 ft N. and 203 ft W. of rd. at I-rd. N., 300 ft E. of the E. end of a bridge, 2 ft S. and 3 ft W. of a power line pole, 6 in. S. of fence line, in concrete post; standard tablet stamped "13 RC 1955 1052" | 1052.078 |
| 8.8 | Reference mark, 300 ft W. of tablet, at SE. corner of bridge, in wooden floor; copper nail and washer, 30.7 ft above water level 4/1/55 | 1050.17 |
| 10.1 | T. 72 N., R. 43 W., near the center of sec. 36, centerline of bridge; copper nail and washer, 31.5 ft above water level 4/4/55 | 1002.2 |

LINE 2

R. E. Carey, 1955; Book CV-676

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| 2.3 | Reference mark, about 260 ft SE. of tablet, 21 ft NE. centerline of rd., in root on NE. side of a 12-in. elm tree; copper nail and washer | 1166.86 |
| 2.3 | Bartlett, 1.75 mi N. and 2.25 mi E. of, near the center of the NE 1/4 sec. 35, T. 71 N., R. 43 W., 420 ft SE. along rd., thence 18 ft E. of centerline rd. from N. end of curve at private rd. SW., 4 ft W. of a power line pole, 3 ft E. of fence line, in concrete post; standard tablet stamped "55 RC 1955 1167" | 1167.164 |

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LINE 2 (Cont'd)

FEET

- 6.5 Reference mark, about 80 ft SE. of tablet, 25 ft E. centerline rd., in root on W. side of a 4 in. leaning elm tree; copper nail and washer 1119.34
- 6.5 Glenwood, 6 mi S. of, in NW. cor. sec. 13, T. 71 N., R. 43 W., on the N. slope of a long grade, 327 ft S. of a small bridge and fence E., 26 ft W., centerline rd., 6 ft W. of fence line, 1 ft S. and 1 ft E. of a telephone pole, in concrete post; standard tablet stamped "57 RC 1955 1111" 1111.221
- 8.1 Glenwood, 4.75 mi S. and 0.25 mi E. of, in the NE¼ SW¼ sec. 1, T. 71 N., R. 43 W., about 500 ft N. of rd. angle, 38 ft W. and 1.8 ft lower than the centerline of the rd. at a short T-fence W., 2 ft S. and 1 ft E. of corner fence post of T-fence W., in concrete post; standard tablet stamped "58 RC 1955 1011" 1010.967

LINE 3

R. E. Carey, 1955; Book CV-676

- 0.0 0.95 mi E. along State Highway 2 from the courthouse at Sidney, at the Chicago, Burlington and Quincy RR. station, 38 ft W. of the W. rail of the main track, 19.8 ft SW. of a telephone pole, 2 ft N. of the NW. corner of the RR. station, 2.2 ft W. of a witness post, set in the top of a concrete post which projects 0.4 ft above the ground. A standard disk stamped "F 157 1949" (Recovered in good condition 7/6/55) 1047.196
- 2.2 Reference mark, about 250 ft SW. of tablet, 44 ft W. centerline rd., in root on W. side of a 24-in. elm tree; copper nail and washer 1066.66
- 2.2 Sidney, 2 mi N. and 1 mi E. of, about 0.1 mi S¼ corner between secs. 13 and 14, T. 69 N., R. 42 W., 216 ft S. and 17 ft W. of rd. forks, 3 ft E. of a power line pole, 1 ft W. of fence line, in concrete post; standard tablet stamped "93 RC 1955 1063" 1063.453
- 4.2 Sidney, 4 mi N. and 1 mi E. of, 542 ft S. and 33 ft E. of P.I. of rd. corner which is near quarter corner between secs. 1 and 2, T. 69 N., R. 42 W., 357 ft S. and 33 ft E. of the centerline of rd. at T-rd. W., 2 ft N. of a telephone pole, 6-in. W. of fence line, in concrete post; standard tablet stamped "94 RC 1955 1135" 1134.769
- 7.1 Reference mark, about 125 ft SE. of tablet, 70 ft S. centerline rd. in root on SW. side of a 12-in. elm tree; copper nail and washer 1103.62
- 7.1 Sidney, 5.5 mi N. and 1 mi E. of, 4.5 mi S. and 2 mi E. of Tabor, 34 ft N. and 236 ft W. of T-rd. N. which is near cor. secs. 25, 26, 35 and 36, T. 70 N., R. 42 W., 34 ft N. and 11 ft E. of private drive S. and field entrance N., 1 ft S. of fence line, in concrete post; standard tablet stamped "95 RC 1955 1106" 1106.103
- 7.7 T. 70 N., R. 42 W., about 0.1 mi N¼ corner between secs. 25 and 26, centerline of bridge, nail and washer 1015.8

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LINE 3 (Cont'd)

FEET

- 10.4 Tabor, 1.5 mi S. and 2 mi E. of, about 0.2 mi E. of I-rd. S. which is near cor. secs. 11, 12, 13 and 14, T. 70 N., R. 42 W., 50 ft S. and 300 ft W., centerline State Highway 184 at I-rd. N., 11 ft W. of telephone pole, 1 ft N. and 4 ft W. of corner fence post of I-fence S., in concrete post; standard tablet stamped "96 RC 1955 1135" 1135.255
- 10.4 Reference mark, about 190 ft E. of tablet, 45 ft S. centerline rd., in root on N. side of a 24-in. maple tree; copper nail and washer 1139.22
- 12.5 T. 70 N., R. 42 W., about 0.15 mi W $\frac{1}{2}$ corner between secs. 1 and 6, centerline of bridge, nail and washer (10 ft above water level 7/11/55) 1036.1
- 13.2 Tabor, about 0.25 mi N. and 3 mi E. of, 670 ft N. and 33 ft E. of crossroads at Mills-Fremont County line and near cor. secs. 1, 6, 31 and 36, Tps. 70 and 71 N., Rs. 41 and 42 W., 220 ft S. and 33 ft E. of a private drive W., 16 ft N. of a power line pole, 1 ft W. of fence line, in concrete post; standard tablet stamped "97 RC 1955 1115" 1115.083
- 13.8 T. 71 N., Rs. 41 and 42 W., about 0.2 mi N $\frac{1}{2}$ corner between secs. 31 and 36, centerline of bridge over Spring Valley Creek, copper nail and washer (27.5 ft above water level 7/11/55) 1013.3
- 2 Tabor, 2.5 mi N. and 2 mi E. of, 5 mi S. and 2.5 mi W. of Malvern, 93 ft S., 25 ft W. and 2.4 ft higher than centerline rd. at E.-W. fence line which is near cor. secs. 23, 24, 25 and 26, T. 71 N., R. 42 W., 1 ft E. of fence line in concrete post; standard tablet stamped "98 RC 1955 1125" 1124.442
- 16.2 Reference mark, about 130 ft N. of tablet, 48 ft N. and 25 ft W. of rd. at E.-W. fence line, in root on E. side of a 6-in. walnut tree; copper nail and washer 1119.77
- 18.1 T. 71 N., R. 42 W., near cor. secs. 11, 12, 13 and 14, 30 ft S., 35 ft E. and 1 ft higher than the centerline of N.-S. rd. at I-rd. E., a U.S. Department of Agriculture B.M. on bolt head set in the top of a concrete post (U.S. Dept. Agriculture elevation 1071.87) (NOTE: Agriculture elevation probably from old datum) 1072.263
- 19.1 Malvern, 2 mi S. and 2.5 mi W. of, 225 ft S. and 30 ft E. of crossroads which are near cor. secs. 1, 2, 11 and 12, T. 71 N., R. 42 W., 37 ft S. and 2 ft W. of SW. corner of schoolyard, in concrete post; standard tablet stamped "99 RC 1955 1133" 1133.382
- 19.1 Reference mark, about 160 ft N. of tablet, 40 ft E. centerline rd. on SW. corner of concrete porch of schoolhouse; chiseled square 1125.13
- 19.4 T. 72 N., R. 42 W., about 0.2 mi E. cor. secs. 1, 2, 11 and 12, centerline of bridge, copper nail and washer 1057.0

LINE 3 (Cont'd)

21.9 "10 RC 1955"

FEET

1038.046

LINE 4

R. E. Carey, 1955; Book CV-676

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|---|----------|
| 0.0 Sidney, on the courthouse lawn, set in the top of the flagpole base, 43 ft SW. of the S. entrance to the courthouse, 3 ft above the ground, 0.6 ft NW. of the SE. corner of the flagpole base, a standard disk stamped "G 157 1949" (Recovered in good condition 7/13/55) | 1176.235 |
| 1.8 T. 69 N., R. 42 W., near cor. secs. 21, 22, 27 and 28, centerline of bridge. Water N. rd. -11.9 ± 1019.2 (11.9 ft above water level 7/13/55) | 1031.1 |
| 2.6 Sidney, 0.75 mi N. and 2 mi W. of, 0.15 mi E. of crossroads which are near cor. secs. 20, 21, 28 and 29, T. 69 N., R. 42 W., 32 ft S., 30 ft W. and 1.6 ft higher than rd. at crown of hill at field drive S., 3 ft W. of telephone pole, 1 ft N. of fence line, in concrete post; standard tablet stamped "100 RC 1955 1184" | 1183.994 |
| 3.0 T. 69 N., R. 42 W., near E. 1/16 corner between secs. 20 and 29, 45 ft W. centerline gate and N.-S. fence line, in root on S. side of a 10-in. elm tree; copper nail and washer | 1063.72 |
| 3.8 T. 69 N., R. 42 W., near W. central 1/16 cor. sec. 29, about 250 ft NE. of farmhouse, on the SE. corner of concrete foundation of corn bin; chiseled square 2.3 ft above ground | 1028.06 |
| 7.5 Reference mark, about 390 ft SE. of tablet, 40 ft E. centerline rd. in root on NW. side of a 12-in. elm tree; copper nail and washer | 965.14 |
| 7.5 Sidney, 0.75 mi N. and 4.75 mi W. of, 4.25 mi S. and 0.5 mi E. of Thurman, 710 ft NW. of a T-rd. W., which is near the quarter corner between secs. 24 and 25, T. 69 N., R. 43 W., 55 ft N. and 24 ft W. of the centerline of County Rd. "K" at private drive E., 35 ft N. of the NE. corner of a garage, 1 ft E. of barn yard fence, in concrete post; standard tablet stamped "102 RC 1955 961" | 960.596 |
| 9.6 Reference mark, about 360 ft SE. of tablet, 12 ft S. and 26 ft E. of rd. at private drive E. in the S. end of wooden culvert; copper nail and washer | 973.42 |
| 9.6 Thurman, 2 mi S. of, along County Rd. "K", in the SW. cor. sec. 12, T. 69 N., R. 43 W., 300 ft S. and 34 ft W. of a T-rd. W., 10 ft S. of field entrance W., 6 in. E. of fence line, in concrete post; standard tablet stamped "103 RC 1955 972" | 971.711 |
| 11.5 At the S. edge of the village of Thurman, on County Rd. "K" centerline of bridge over Plum Creek, copper nail and washer (Water -21.1 = 950.8) | 971.8 |