

THIRD-ORDER LEVELS  
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

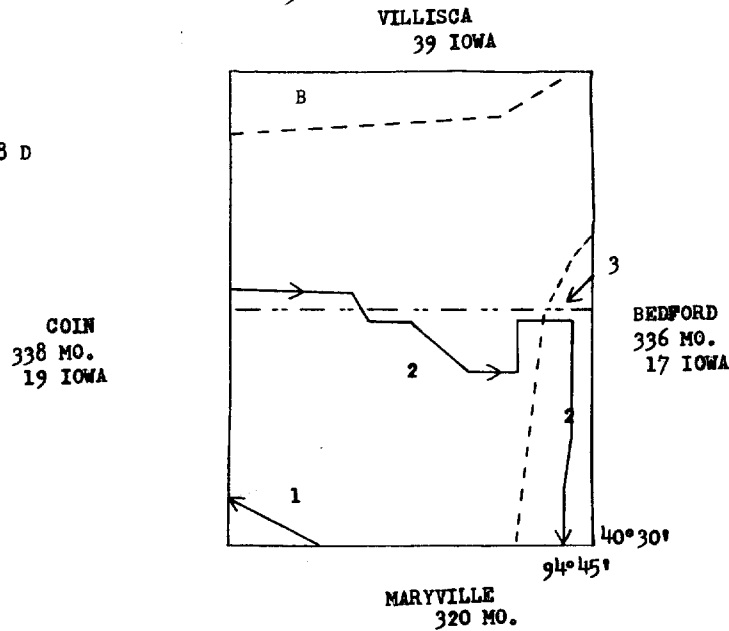
NEW MARKET QUAD.  
337 - MO.  
18 - IOWA  
N4030-W9445/15  
DIAGRAM NK 15-10  
NEBRASKA CITY  
NEBR., IOWA, MO., KANS.

Edition of 10/1/63

PR: CB/mrk

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Madaway County



USC&GS LEVELING  
A. 400944

LINE 1

FEET

IN SW. COR. OF QUAD. (H. W. Gross, 1936)

|                                                                                                                                                           |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| T. 66 N., R. 36 W., N. sixteenth cor. sec. 28, 25 ft S. and 30 ft E. from T-rd. E., in rest on S. side of 10 in. wild cherry tree; copper nail and washer | 1013.13 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                                                                                                      |        |
|------------------------------------------------------------------------------------------------------|--------|
| Bridge over N. fork of Clear Creek, at SW. cor. of, on top of rivet in bearing plate; chiseled cross | 968.45 |
|------------------------------------------------------------------------------------------------------|--------|

|                                                                                                                                                                                           |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| T. 66 N., R. 36 W., in NE $\frac{1}{4}$ sec. 29, 18 ft N. and 50 ft W. from dwelling of C. T. McDermott, 25 ft from rd., in rest on W. side of 14 in. walnut tree; copper nail and washer | 1046.15 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

LINE 2

FROM W. BORDER OF QUAD. E. TO E. BORDER, THENCE S. TO SE. COR. (H. W. Gross, 1936)

|                                                                                                                                                                                                     |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| T. 67 N., R. 36 W., in NE $\frac{1}{4}$ sec. 32, 30 ft N. of rd. at top of hill, 100 ft S. and 20 ft W. from SW. cor. of farmhouse, in rest on S. side of 20 in. maple tree; copper nail and washer | 1110.31 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                                                                                                    |         |
|----------------------------------------------------------------------------------------------------|---------|
| Rd. at fence S., 20 ft S. and 10 ft W. from, on top of concrete base of brace post; painted square | 1129.89 |
|----------------------------------------------------------------------------------------------------|---------|

|                                                                                                                                                                  |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| T. 67 N., R. 36 W., quarter cor. between secs. 33 and 34, 35 ft S. and 45 ft E. from crossroads in rest on NW. side of 18 in. maple tree; copper nail and washer | 1176.66 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|

|                                                                                                                |         |
|----------------------------------------------------------------------------------------------------------------|---------|
| Farmhouse, 50 ft N. and 6 ft W. from, 35 ft S. of rd., in rest on NW. side of 38 in. maple tree; crossed nails | 1179.59 |
|----------------------------------------------------------------------------------------------------------------|---------|

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| T. 67 N., R. 36 W., quarter cor. between secs. 34 and 35, 25 ft S. and 380 ft E. from rd. at fences N.-S., on top of hill, approx. 450 ft E. of farmhouse, in concrete post; standard tablet stamped "711 C W A 1934 1167" | 1166.746 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|

18C

## NEW MARKET QUAD.

337 - MO.

18 - IOWA

LINE 2 (Cont'd)FEET

|                                                                                                                                                                                                                                                                      |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| T-rd. N., 20 ft S. and 75 ft W. from, in root on NW. side of twin 6 in. locust trees; crossed nails                                                                                                                                                                  | 1159.87  |
| T-rd. S., 30 ft S. and 35 ft E. from, in root on NE. side of 11 in. elm tree; crossed nails                                                                                                                                                                          | 1118.30  |
| T. 67 N., R. 36 W., about 400 ft W. of quarter cor. between secs. 35 and 36, 50 ft S. and 30 ft E. from farmhouse, 35 ft N. of rd., in root on SW. side of 18 in. maple tree; copper nail and washer                                                                 | 1135.68  |
| Bridge, 40 ft N. and 80 ft E. from, in root on E. side of 18 in. post oak tree; crossed nails                                                                                                                                                                        | 1064.06  |
| Top of hill, 15 ft N. of rd., about 400 ft W. of dim T-rd. S., in root on S. side of 14 in. walnut tree; crossed nails                                                                                                                                               | 1148.65  |
| T. 67 N., Rs. 35 and 36 W., quarter cor. between secs. 31 and 36, 60 ft S. and 5 ft W. from rd. at fence N., 200 ft W. of fence S., at head of wooded ravine, in root on NW. side of 26 in. elm tree; copper nail and washer                                         | 1141.78  |
| Bridge, at SE. cor. of, in top of cap; crossed nails                                                                                                                                                                                                                 | 1119.24  |
| T. 67 N., R. 35 W., quarter cor. between secs. 31 and 32, 30 ft S. and 35 ft W. from crossroads, in concrete post; standard tablet stamped "712 C W A 1934 1144"                                                                                                     | 1143.962 |
| T-rd. W., at SE. cor. of bridge, in top of cap; crossed nails                                                                                                                                                                                                        | 1127.41  |
| T. 67 N., R. 35 W., S. quarter cor. sec. 32, 310 ft N. and 20 ft W. from T-rd. N., in root on NE. side of 20 in. elm tree; copper nail and washer                                                                                                                    | 1192.15  |
| Prairie Star School, 1 ft N. and 6 ft W. from NE. cor. of, on concrete step; chiseled square                                                                                                                                                                         | 1180.10  |
| T. 67 N., R. 35 W., in SW $\frac{1}{4}$ sec. 33, at NW. cor. of bridge, in top of cap; copper nail and washer                                                                                                                                                        | 1100.28  |
| Tps. 66 and 67 N., R. 35 W., on line between secs. 3 and 34, 25 ft S. and 15 ft W. from T-rd. W., on top of concrete head wall of culvert; chiseled square                                                                                                           | 1047.32  |
| Hopkins, 2.0 mi W. of, in W $\frac{1}{2}$ sec. 3, T. 66 N., R. 35 W., 45 ft N. and 33 ft E. from T-rd. N., in concrete post; standard tablet stamped "713 C W A 1934 1033"                                                                                           | 1033.257 |
| Bridge over West Fork of One Hundred and Two River, at NE. cor. of, on top of rivet in bearing plate; chiseled cross                                                                                                                                                 | 1035.62  |
| Hopkins, about 1.2 mi W. of, quarter cor. between secs. 2 and 3, T. 66 N., R. 35 W., 25 ft N. and 8 ft E. from T-rd. W., on top of concrete head wall of culvert; chiseled square                                                                                    | 1044.07  |
| Hopkins, about 0.3 mi W. of, in SE $\frac{1}{4}$ sec. 2, T. 66 N., R. 35 W., at SW. cor. of bridge over East Fork of One Hundred and Two River, in bearing plate, on top of rivet; chiseled cross                                                                    | 1041.41  |
| Hopkins, 45 ft S. and 55 ft E. from State Hwy. 27 at Barnard St., 45 ft S. and 55 ft W. from C. B. and Q. RR. at crossing of Barnard Street, in concrete post; standard tablet stamped "714 CWA 1934 1048"                                                           | 1047.770 |
| At Hopkins, on the C. B. and Q. RR., 7 poles N. of the station, 100 ft W. of bridge 44.78 at a 75 ft concrete bridge on State Hwy. 27, in the top of the NE. wingwall, and level with the track. a US&GS standard disk stamped "D 81 1935. US&GS 1935 Elev. 1045.142 | 1044.693 |
| T-rd. S., SE. of, in top of cor. post; crossed nails                                                                                                                                                                                                                 | 1121.63  |
| Hopkins, about 0.7 mi E. of, in NW $\frac{1}{4}$ sec. 6, T. 66 N., R. 34 W., 50 ft S. of SE. cor. of farmhouse, 40 ft N. of rd., in root on SW. side of 16 in. pine tree; copper nail and washer                                                                     | 1158.58  |

LINE 2 (Cont'd)

|                                                                                                                                                                                                                                | <u>FEET</u> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| T-rd. E., 55 ft N. and 20 ft W. from, in top of fence post; crossed nails                                                                                                                                                      | 1150.65     |
| Hopkins, about 1.0 mi E. and 0.8 mi N. from, S. sixteenth cor. sec. 31, T. 67 N., R. 34 W., 18 ft W. of T-rd. E., in top of oak fence post; copper nail and washer                                                             | 1126.80     |
| Hopkins, 0.8 mi N. and 2.0 mi E. from, 25 ft S. and 360 ft W. from center of SW $\frac{1}{4}$ sec. 32, T. 67 N., R. 34 W., 5 ft S. and 30 ft E. from gatepost, in concrete post; standard tablet stamped "715 C W A 1934 1189" | 1188.624    |
| T-rd. W., SW. of, in root on W. side of 14 in. maple tree; crossed nails                                                                                                                                                       | 1150.33     |
| T. 67 N., R. 34 W., N. quarter cor. sec. 32, 15 ft S. and 80 ft E. from T-rd. E. on Iowa-Mo. State line, in root on N. side of twin 11 in. post oak tree; copper nail and washer                                               | 1155.40     |
| T. 67 N., R. 34 W., N. quarter cor. sec. 33, 20 ft S. and 28 ft W. from T-rd. S., on Iowa-Mo. State line, in concrete post; standard tablet stamped "716 C W A 1934 1200"                                                      | 1199.854    |
| T. 67 N., R. 34 W., S. quarter cor. sec. 33, 20 ft S. and 20 ft E. from T-rd. N., 110 ft W. of T-rd. S., in root on W. side of 10 in. mulberry tree; copper nail and washer                                                    | 1208.65     |
| T. 66 N., R. 34 W., quarter cor. between secs. 4 and 9, 50 ft S. and 10 ft E. from crossroads, in root on NW. side of 24 in. maple tree; copper nail and washer                                                                | 1197.76     |
| T. 66 N., R. 34 W., quarter cor. between secs. 9 and 16, SW. of T-rd. N., in root on N. side of 11 in. elm tree; copper nail and washer                                                                                        | 1097.24     |
| T. 66 N., R. 34 W., cor. secs. 8, 9, 16 and 17, 35 ft N. and 12 ft E. from T-rd. S., in concrete post; standard tablet stamped "717 C W A 1934 1138"                                                                           | 1138.045    |
| T. 66 N., R. 34 W., cor. secs. 16, 17, 20 and 21, 180 ft S. and 15 ft W. from T-rd. E., 15 ft N. and 8 ft W. from center of bridge, in top of cap; copper nail and washer                                                      | 1063.87     |
| T-rd. W., NW. of, in root on S. side of 8 in. elm tree; crossed nails                                                                                                                                                          | 1128.39     |
| T. 66 N., R. 34 W., cor. secs. 20, 21, 28 and 29, 70 ft N. and 20 ft W. from crossroads, in root on S. side of 10 in. post oak tree; copper nail and washer                                                                    | 1140.69     |

LINE 3

NEAR E. BORDER OF QUAD. (H. W. Gress, 1936)

|                                                                                                                                                                                                                                                                            |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Ditto Triangulation station, in NE $\frac{1}{4}$ sec. 33, T. 67 N., R. 34 W., 50 ft S. and 102 ft E. from E.-W. rd. on Iowa-Mo. State line at yard fence, 100 ft N. and 140 ft E. from farmhouse, in barn lot, in concrete post; standard USC&GS disk stamped "DITTO 1934" | 1221.369 |
| Reference mark 1, 55 ft S. and 100 ft W. from station, in concrete post; USC&GS standard disk stamped "DITTO NO 1 1934"                                                                                                                                                    | 1220.925 |
| Reference mark 2, 70 ft N. and 95 ft W. from station, in concrete post; USC&GS standard disk stamped "DITTO NO 2 1934"                                                                                                                                                     | 1221.590 |

PR: WCM/PH/sb

Nebraska City, Nebr., Iowa., Mo. Kan

A. Quadrangle No. 400944, based  
on supplementary adj. of 1953

LINE 1.

H. W. Gross, 1936, Book B 7176

- T. 67 N., R. 36 W., quarter cor. between secs. 34 and 35, 25 ft S., 380 ft E. from rd. at fences N.-S., at top of hill, approx. 450 ft E. of farmhouse, in concrete post; standard tablet stamped "711 CWA 1934 1167" 1167.186
- T. 67 N., R. 35 W., quarter cor. between secs. 31 and 32, 30 ft S., 35 ft W. from crossroads, in concrete post; standard tablet stamped "712 CWA 1934 1144" 1144.402
- Prairie Star School, 1 ft N., 6 ft W. from NE. cor. of, on concrete step; chiseled square 1180.54
- Tps. 66 and 67 N., R. 35 W., on line between secs. 3 and 34, 25 ft S., 15 ft W. from T-rd. W., on top of concrete headwall of culvert; chiseled square 1047.76
- Hopkins, 2.0 mi W. of, in  $W\frac{1}{2}$  sec. 3, T. 66 N., R. 35 W., 45 ft N., 33 ft E. from T-rd. N., in concrete post; standard tablet stamped "713 CWA 1934 1033" (Rept. disturbed SHD 10/64) 1033.697
- Bridge over West Fork of One Hundred and Two River, at NE. cor. of, on top of rivet in bearing plate; chiseled cross 1036.06
- Hopkins, about 1.2 mi W. of, quarter cor. between secs. 2 and 3, T. 66 N., R. 35 W., 25 ft N., 8 ft E. from T-rd. W., on top of concrete headwall of culvert; chiseled square 1044.51
- Hopkins, about 0.3 mi W. of, in  $SE\frac{1}{4}$  sec. 2, T. 66 N., R. 35 W., at SW. cor. of bridge over East Fork of One Hundred and Two river, in bearing plate, on top of rivet; chiseled cross 1041.85
- Hopkins, 45 ft S., 55 ft E. from State Hwy. 27 at Barnard St., 45 ft S., 55 ft W. from C.B. and Q. RR. at crossing of Barnard Street, in concrete post; standard tablet stamped "714 CWA 1934 1048" 1048.216
- At Hopkins, on the C. B. and Q. RR., 7 poles N. of the station, 100 ft W. of bridge 44.78 at a 75 ft concrete bridge on State Hwy. 27, in the top of the NE. wingwall and level with the track, a USC&GS standard disk stamped "D 81 1935" 1045.142
- Hopkins, 0.8 mi N. and 2.0 mi E. from, 25 ft S., 360 ft W. from center of  $SW\frac{1}{4}$  sec. 32, T. 67 N., R. 34 W., 5 ft S., 30 ft E. from gatepost, in concrete post; standard tablet stamped "715 CWA 1934 1189" 1189.064
- T. 67 N., R. 34 W., N. quarter cor. sec. 33, 20 ft S., 28 ft W. from T-rd. S., on Iowa-Mo. State line, in concrete post; standard tablet stamped "716 CWA 1934 1200" 1200.294
- T. 66 N., R. 34 W., cor. secs. 8, 9, 16 and 17, 35 ft N., 12 ft E. from T-rd. S., in concrete post; standard tablet stamped "717 CWA 1934 1138" 1138.485