

OFFICE COPY HOLD

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KEOSAUQUA QUADRANGLE

325 - Missouri

6 - Iowa

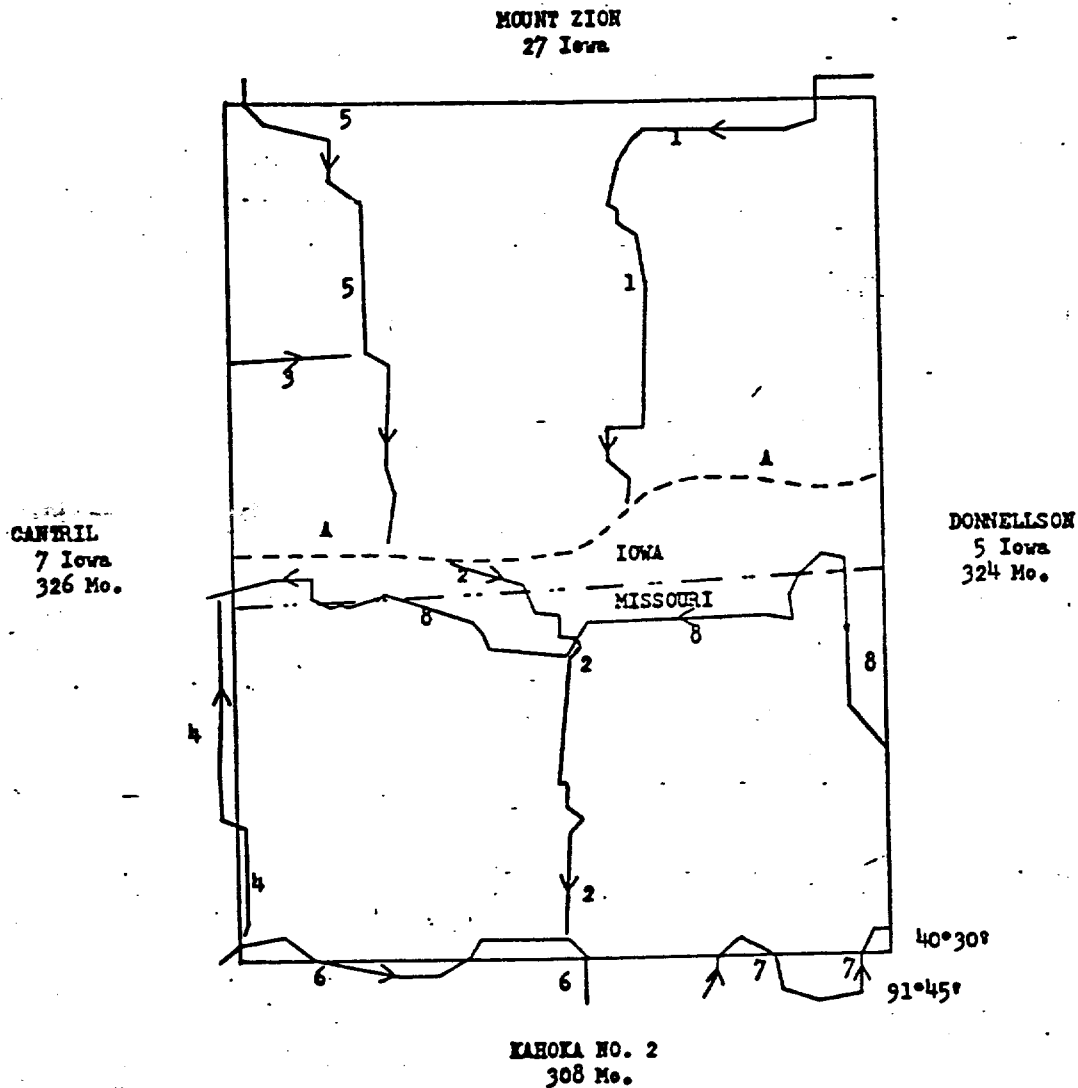
N4030-W9145/15

Diagram NK 15-12

Burlington, Ill., Mo., Iowa

Clark and Scotland Counties, Missouri
Van Buren County, Iowa

Edition of: 3/22/71
PR: AH/PH/mp



USCAGS LEVELING

A. Quadrangle 400914

GD

Keosauqua Quadrangle
325 Mo., 6 Iowa

LINE 1

Feet

WEST ALONG EAST PORTION OF NORTH BORDER THENCE SOUTH TO CENTER OF QUADRANGLE (by R. G. Wood, 1966;
Book CV 2050)

MT. PLEASANT QUAD., 26

- 1 43 8.6 Reference mark; about 660 ft S. of tablet; 30 ft E. of center of road at drain crossing; and on E. end of 30-in. concrete tube culvert; a chiseled square, painted "RM" Drain 724.5 727.65
- 43 8.6 Farmington, about 8.5 mi N. of; about 4.0 mi N. and 4.5 mi E. of Bonaparte, T. 69 N., Rs. 7 and 8 W.; near approx. cor. secs. 24, 25, 19 and 30; 36 ft S., 32 ft E. and 2.4 ft lower than crossroads; 6 ft S. of telephone pole; 1.5 ft W. of E. right-of-way fence and in concrete post; a standard tablet stamped "7 RGW 1966", painted "EM 737.8" 737.881
- 44 10.0 UE 7 RGW A; 1.3 mi W. along a gravel road from tablet; 33 ft S., 120 ft E. and 3.2 ft lower than road at driveways N. and S.; on NW. side of power pole; a rail spike, painted "UE 731.1" 731.18

MT. ZION QUAD., 27 Iowa

- 45 10.9 Reference mark; 45 ft NE. of tablet; 21 ft N., 6 ft E. and 2.1 ft lower than E.-W. road at field entrance N., on E. end of 24 inch concrete tube culvert; a chiseled square, painted "RM" 739.79
- 45 10.9 Bonaparte, about 4.0 mi N. and about 2.2 mi E. of; T. 69 N., R. 8 W.; near quarter cor. secs. 22 and 27; about 600 ft W.-SW. of Fred Eden farmhouse; 18 ft S., 38 ft W. and 1.2 ft lower than E.-W. road at field entrance N., 10.0 ft W. of road at field entrance S., in concrete post; 2 ft E. of standard witness post; a standard tablet stamped "ET 6 RFP 1966" painted "EM 740.5" 740.648
- 46 11.7 UE 6 RFP A; 0.7 mi W. along E.-W. gravel road from tablet; in center of paved county hwy., a copper nail and washer, painted "UE CL 734.3" 734.38

KEOSAUQUA QUAD., 6 Iowa
325 Mo.

- 47 12.9 UE 6 RFP B; 0.7 mi W. to paved county road, thence 1.2 mi S. along county hwy. to road curve from tablet, in center of area formed by road curve; and road W., on N. side of power pole; a rail spike; painted "UE 734.8" 734.99
- 48 13.3 UE 6 RFP C; 0.7 mi W., thence 1.2 mi S., thence 0.4 mi W. along road from tablet; on an unimproved road; at a curve 15 ft S. of road; and on E. side of an 18-in. scaly bark hickory tree; a rail spike; about 2 ft higher than road; painted "UE 717.1" 717.24
- 49 13.9 Reference mark; 28 ft N. of tablet; 13 ft N. of center of road, and on S. side of a 6-in. broken oak tree; a rail spike; painted "RM" 696.20
- 49 13.9 Bonaparte, about 3.0 mi N. of; T. 69 N., R. 8 W.; near approximate E. sixteenth cor. secs. 29 and 32; at the top of a hill; E. of Coates Creek; 14 ft N. of W. edge of a steel gate to a small holding pen; 15 ft S. and 33 ft W. of road at field entrance S., 15 ft SE. of a clump of 3 locust trees, and in concrete post; a standard tablet stamped "8 RGW 1966"; painted "EM 694.9" 695.095
- 51 14.6 UE 8 RGW A; about 0.8 mi W. along an unimproved dirt road from tablet; at a low spot between two hills; 9 ft S. and 0.9 ft lower than road at drain, on S. end of an 18-in. corrugated steel culvert; a chiseled mark; painted square, painted "UE 672.2" 672.39

Line 1 Cont'd.

KEOSAUQUA QUAD., 325 Mo. 6 Iowa

Feet

- | | | | | |
|---|----|------|---|---------|
| 1 | 53 | 15.8 | UE 8 RGW B; about 2.0 mi W. along an unimproved dirt road from tablet; 27 ft S., 33 ft E. and 1.2 ft lower than crossroad; on N. side of telephone pole; a rail spike; painted "UE 714.9" | 715.03 |
| | 55 | 17.0 | Reference mark; about 200 ft NE. of tablet; 80 ft NW. of road, and on SW. corner of a concrete foundation for most northerly of two wire mesh corn cribs; a chiseled square, not painted | 714.17 |
| | 55 | 17.0 | Bonaparte, about 2.5 mi N. and about 2.5 mi W. of; about 0.5 mi NE. of Bentonsport; T. 69 N., R. 9 W.; near NW $\frac{1}{4}$ of sec. 36; 25 ft NE., 42 ft NW. and 0.6 ft higher than gravel road at entrance to Bentonsport Cemetery; 14 ft N. of N. end of gate, 1.0 ft SE. of steel fence, and in concrete post; a standard tablet stamped "9 RGW 1966", painted "BM 710.1" | 710.252 |
| | 56 | 17.5 | UE 9 RGW A; about 0.5 mi S. along gravel road from tablet; 28 ft N., 36 ft W. and 1.0 ft higher than cross streets, main intersection at Bentonsport; in third sidewalk section from street; a chiseled square, not painted | 562.46 |
| | 57 | 18.4 | UE 9 RGW B; about 1.3 mi S. along roads from tablet; 51 ft S., 9 ft E. and 1.0 ft lower than center of bridge over drain; on SE. end of SE. stone wingwall; a chiseled square, painted "UE 572.2" Water 553.2 ft | 572.42 |
| | 58 | 19.2 | UE 9 RGW C; about 2.1 mi S. along roads from tablet; about 150 ft SE. of large frame farmhouse; 14 ft W. of center of road; and on N. end of 3 ft concrete box culvert; a chiseled square; painted "UE 597.9" | 598.09 |
| | 60 | 20.5 | Reference mark; 115 ft N. of tablet; 30 ft N. and 24 ft W. of crossroad; on E. side of telephone pole; a rail spike; painted "RM" | 717.43 |
| | 60 | 20.5 | Bentonsport, about 2.5 mi S. and about 0.5 mi E. of; about 2.0 mi W. and 0.5 mi S. of Bonaparte; T. 68 N., R. 9 W.; near approximate center of sec. 13; 84 ft S., 30 ft W. and 1.5 ft lower than crossroad; 29 ft N. of telephone pole, 2 ft E. of W. right-of-way fence and in concrete post; a standard tablet stamped "10 RGW 1966", painted "BM 712.2" | 712.432 |
| | 61 | 21.5 | UE 10 RGW A; 1.0 mi S. along a gravel road from tablet; 66 ft N., 48 ft E. and same elevation as crossroad; State Hwy. 2E.-W.; on W. side telephone pole; 0.9 ft higher than ground; a rail spike; painted "UE 696.0" | 696.25 |
| | 63 | 22.6 | UE 10 RGW B; about 2.0 mi S. along road from tablet; 25 ft N., 30 ft W. and 0.7 ft lower than T-rd. W.; on SW. side of telephone pole; 9-in. above ground level; a rail spike; painted "UE 699.8" | 700.02 |
| | 65 | 23.8 | Reference mark; about 106 ft N. of tablet; 51 ft N. and 28 ft E. of T-rd. E., on W. side of power pole; 9 inches above ground level; a rail spike; painted "RM" | 697.93 |
| | 65 | 23.8 | Bonaparte, about 3.0 mi S. and about 3.0 mi W. of; T. 68 N., R. 9 W.; near approximate E. sixteenth cor. secs. 26 and 35; 55 ft S., 28 ft E. and 0.9 ft lower than T-rd. E., 4 ft NE. of power pole; 22 ft W.-NW. of NW. corner of barn; 2 ft W. of E. right-of-way fence and in concrete post; a standard tablet stamped "11 RGW 1966", painted "BM 692.6" | 692.872 |
| | 66 | 24.9 | UE 11 RGW A; about 1.1 mi S. along a gravel road from tablet; 27 ft SE., 24 ft NE. (normal to road) and 0.6 ft lower than road at fence S.; on SW. side of telephone pole; 9 inches above ground level; a rail spike; painted "UE 697.4" | 697.71 |
| | 67 | 25.7 | Mt. Sterling, about 1.0 mi N. and about 5.0 mi E. of; T. 67 N., R. 9 W.; near approximate NW $\frac{1}{4}$ of sec. 1; about 670 (stadia) ft E. of N.-S. road at RR. crossing; 20 ft N. of center of track, 2 ft NE. of telephone pole, and in concrete post; a standard US&GS disk, stamped "S 121 1935", painted "BM 602.4" | 602.443 |

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Keosauqua Quadrangle
325 Mo., 6 Iowa

LINE 2

Feet

SOUTH THROUGH CENTER OF SOUTH PORTION OF QUADRANGLE (by R. G. Wood, 1966; Book CV 2050)

KEOSAUQUA QUAD., 6 Iowa

- 1 68 0.0 Mt. Sterling, about 2.0 mi E. of; T. 67 N., R. 9 W.; near NW $\frac{1}{4}$ of sec. 9; 64 ft N. and 48 ft W. of center of RR. and N.-S. road; 30 ft W. of fence corner; 1 ft S. of fence and in concrete post; a standard disk, stamped "Q121 1935", painted "EM 739.0" (USC&GS) 738.978
- 69 0.8 UE Q 121 A; about 0.8 mi SE. along a gravel road from disk; 34 ft N., 30 ft W. and 2.0 ft higher than road at field road S.; on S. side power pole; a rail spike, painted "UE 739.8" 739.78
- 69 1.8 Farmington, about 2.5 mi S. and about 7.5 mi W. of; about 1.0 mi S. and about 3.0 mi E. of Mt. Sterling; T. 67 N., R. 9 W.; near approximate NW $\frac{1}{4}$ of sec. 22; about 800 ft S. of Iowa-Missouri State Line; 50 ft N. of NE. corner of farm yard, 33 ft W. of center of county road; 18 ft SE. of telephone pole; 6 ft E. of W. right-of-way fence; 4 ft NE. of standard witness post; and in concrete post; a standard tablet stamped "ET 2 RFP 1966"; painted "EM 727.5" 727.531
- 69 1.8 Reference mark; about 380 ft SE. of tablet; 37 ft SW. of center of road at road curve, and on W. side telephone pole 9 inches above ground; a rail spike, painted "RM" 727.34
- 71 3.0 UE 2 RFP A; about 0.4 mi E., thence about 0.8 mi S. along roads from tablet; at a U.S.D.A. Tree Farm; about 100 ft SE. of SE. corner of a deserted farm house and on S. side of a power pole; a rail spike; painted "UE 664.5" 664.51
- 75 6.4 Reference mark; about 130 ft E.-NE. of tablet; 30 ft N. of road and on N. side of power pole; a rail spike; painted "RM" 730.50
- 75 6.4 Mt. Sterling, about 3.5 mi E. of; Ts. 66 and 67 N., R. 9 W.; near approximate E. sixteenth cor. secs. 3 and 34; 94 ft NE., (normal to road) and 20 ft W. of County Hwy. "RN"; and dirt road E., 2.0 ft S. of N. right-of-way fence, and in concrete post; a standard tablet stamped "I2 RGW 1966", painted "EM 732.1" 732.129
- 2 1 7.6 UE 12 RGW A; 1.2 mi S.-SE. along a winding gravel road from tablet; about 300 ft N. of T-rd. W.; 21 ft E. of center of road and on E. side of power pole; 9 inches above ground level; a rail spike, painted "UE 719.9" 719.97
- 2 8.6 UE 12 RGW B; about 2.1 mi S.-SE. of tablet along a winding gravel road, on N. corner of second step of concrete porch to Bethlehem Baptist Church; a chiseled square, painted "UE 714.0" 714.03
- 3 9.1 UE 12 RGW C; about 2.6 mi S.-SE. along a winding gravel road from tablet; 33 ft N., 36 ft W. and 3.6 ft lower than T-rd. E., on E. side of power pole; 9 inches above ground level; a rail spike; painted "UE 639.8" 639.91
- 4 10.1 Mt. Sterling, about 7.0 mi S. and about 3.5 mi E. of; T. 66 N., R. 9 W.; near cor. secs. 14, 15, 22 and 23; 42 ft S., 18 ft E. and 1.2 ft lower than crossroad; 1.5 ft W. of E. right-of-way fence, and in concrete post; a standard tablet stamped "I3 RGW 1966", painted "EM 668.9" 669.025

Line 2 Cont'd.

KEOSAUQUA QUAD., 325 MO.
6 IOWA

Feet

- 2 5 10.8 Reference mark; about 500 ft S. of tablet; 16 ft S., 5 ft E. and 0.6 ft higher than center of bridge over drain; on S. end of E. steel abutment railing; a painted square, painted "RM" (water 9.0 ft lower) 632.81
- 6 11.2 UE 13 RGW A; 1.0 mi S. along a dirt rd. from tablet; 12 ft S., 45 ft E. and 0.9 ft lower than T-rd. N., on S. end of an 18-in. steel culvert; a chiseled mark; painted "UE 724.0" 724.10
- 7 11.9 UE 13 RGW B; 1.0 mi S., 0.5 mi E., thence 0.5 mi S. along road from tablet; 13 ft N., 15 ft E. and 0.9 ft higher than T-rd. E., on N. end of an 18-in. corrugated steel culvert; a chiseled mark; painted "UE 688.3" 688.43
- 9 13.0 UE 13 RGW C; about 1.0 mi S., thence 0.3 mi E., thence 1.5 mi S. along road from tablet; at a road curve, just N. of County Hwy. "AA"; 22 ft SE., and 13 ft NE. (normal to road) of road at driveway W.; on W. side of power pole; 9 inches above ground level; a rail spike; painted "UE 734.9" 734.98

KAHOKA NO. 2 QUAD. 308 MO.

- 10 13.5 Kahoka, about 3.5 mi N. and about 8.0 mi W. of; about 1.5 mi N. and about 0.5 mi E. of Luray; Ts. 65 and 66 N., R. 9 W.; near approximate quarter cor. secs. 2 and 35; 120 ft SE., 36 ft S. and 0.9 ft higher than T-rd. SE., 7 ft NE. of power pole; 3 ft N. of fence, and in concrete post; a standard tablet stamped "TT 3 C 1947", painted "BM 735.0" 735.116

LINE 3

EAST NEAR CENTER OF WEST BORDER (by R.G. Wood, 1966; Book CV-2050)

NOTE: This line was run by third order methods but fails to meet specified closure, 0.2 ft of error has been distributed in 9.4 mi.

CANTRIL QUAD. 7 IOWA

- 2 18 5.2 UE 14 RGW B; about 2.3 mi NE. along State Hwy. 2 from tablet; 15 ft E. and 0.4 ft higher than center of road at drain crossing; on N. end of curbing of concrete spillway; a chiseled square, painted "UE 721.3" 721.37

KEOSAUQUA QUAD. 325 MO.
6 IOWA

- 19 6.4 Reference mark; 365 ft W. of tablet; 24 ft S. and 197 ft W. of crossroads; in center of S. headwall of a 3 ft concrete box culvert; a chiseled square, painted "RM" 726.01
- 19 6.4 Cantril, about 5.3 mi NE. of, along State Hwy. 2, 4.0 mi S. and 2.5 mi W. of Cantril, near center sec. 22, T. 68 N., R. 10 W., 79 ft S., 82 ft E. and 5.0 ft higher than crossroad, 8 ft NE. of power pole on N.-S. power line, 7 ft SW. of power pole on E.-W. powerline, in concrete post; standard tablet stamped "15 RGW RESET 1969" 735.470
- 21 7.6 UE 15 RGW A; about 1.2 mi E. along State Hwy. 2 from tablet; 15 ft S. and 0.3 ft higher than road at drain; on W. end of curbing of a concrete spillway; a chiseled square, painted "UE 685.4" 685.53
- 22 8.2 UE 15 RGW B; about 1.8 mi E. along State Hwy. 2 from tablet; 11 ft S. and same elevation as W. end of about a 30 ft steel and concrete bridge; on W. end of S. headwall; a chiseled square, painted "664.6" (water 15 ft lower) 664.78

Keosauqua Quadrangle
325 Mo., 6 Iowa

Line 3 Cont'd.

KEOSAUQUA QUAD., 325 Mo.
6 Iowa

- 2 23 9.4 TRM; painted square on W. end of curbing at junction of State Hwys. 1 and 2; not painted 746.4
- 23 9.4 UE 9 PDR B; 1.5 mi S. along State Hwy. 1 and 0.5 mi E. along State Hwy. 2 from tablet; T. 68 N., R. 9 W.; near center of sec. 19; 192.9 ft W. and 4.5 ft lower than T-rd. S.; 23.3 ft S. and 2.0 ft lower than E.-W. hwy. at culvert; in the S. end of a 42 inch concrete tube culvert; a chiseled square, painted "UE 737.2" 737.19

LINE 4

NORTH ALONG SOUTH PORTION OF WEST BORDER (by R. G. Wood, 1966; Book CV 2050)
(NOTE: This line supersedes a line by W. V. Kennedy in 1937)

MEMPHIS QUAD., 309 Mo.

- 2 28 2.4 Arbela, about 2.0 mi N. and about 0.5 mi E. of; T. 66 N., R. 10 W.; near approximate E. sixteenth cor. secs. 28 and 33; 51 ft S., 18 ft W. and same elevation as T-rd. W.; 1.5 ft W. of a 6-in. walnut tree; in concrete post; standard tablet stamped "TT 25 G 1935", painted "RM 743.9" 743.899
- 28 2.4 Reference mark; 17 ft N. of tablet; 24 ft S. and 18 ft W., on S. end 18-in. corrugated steel culvert; a punched hole, not painted. 742.40
- 30 3.7 UE 25 G A; about 0.5 mi N., 0.2 mi E., thence 0.5 mi N. along road from tablet; 12 ft S., 15 ft W. and 0.6 ft lower than crossroads; on S. end of an 18-in. corrugated steel culvert; a punched hole, painted "UE 670.6" 670.62

CANTREL QUAD., 7 Iowa

- 31 4.7 UE 25 G B; 0.5 mi N., 0.2 mi E. thence 1.5 mi N. along road from tablet; at a small wooden bridge over drain, held on a steel I-beam on W. side of road; beam is exposed due to broken timber; a painted square; painted "UE 718.1" 718.10

KEOSAUQUA QUAD., 6

- 32 5.5 Arbela, about 4.0 mi N. and about 1.0 mi E. of; T. 66 N., R. 10 W.; near approximate W $\frac{1}{2}$ of sec. 15; 162 ft SW.; 36 ft S. and 4.6 ft higher than T-rd. SW. (County Hwy. N.) NW.-SE., 45 ft NE. of NE. corner of small white frame house, at edge of small clump of bushes, and in concrete post; a standard tablet stamped "TT 24 G 1935", painted "RM 768.6" 768.791
- 32 5.5 Reference mark; about 150 ft NE. of tablet; 51 ft NW. and 36 ft SW. of T-rd. SW., on S. side of telephone pole; 12 inches above ground; a rail spike, painted "RM" 766.24

CANTREL QUAD., 7 Iowa

- 33 6.6 UE 24 G A; about 1.1 mi NW. along county road "N" from tablet; 144 ft NE. (along road), 81 ft S. and 3.9 ft higher than T-rd. NE., on N. side of telephone pole; 10 inches above ground level; a rail spike, painted "UE 759.5" 759.48

Line 4 Cont'd.

CANTRIL QUAD., 7 Iowa

Feet

- 2 35 7.7 UE 24 G B; about 1.1 mi NW., thence 1.0 mi N. along roads from tablet; 27 ft S., 33 ft E. and 0.9 ft lower than T-rd. S., on W. side of power pole; 11 inches above ground level, a rail spike, painted "UE 712.9" 712.91
- 37 8.2 UE 24 G C; about 1.1 mi NW., thence 1.5 mi N. along roads from tablet; about 400 ft W. of a trail S., 11 ft N. and 1.8 ft lower than road at drain; on N. end of an 18-in. corrugated steel culvert; a punched hole; painted "UE 727.5" 727.48
- 38 8.8 Arbela, about 6.5 mi N. of; about 4.0 mi S. and 4.0 mi W. of Mt. Sterling, Ts. 66 and 67 N., R. 10 W.; near quarter cor. secs. 4 and 33; 30 ft N., 33 ft E. and 0.9 ft lower than T-rd. N.; 7 ft E. of power pole and in concrete post; a standard tablet stamped "16 RGW 1966", painted "BM 755.7" NOTE: This BM replaces "TT 23 G 1935" which was reported destroyed. 755.652
- 38 8.8 Reference mark; 55 ft W. of tablet; 32 ft N. and 23 ft W. of T-rd. N.; on SE. side of power pole, 6 inches above ground level; a rail spike painted "RM" 760.80
- 40 10.1 UE 16 RGW A; about 1.3 mi N. along an old trail and cross country from tablet; at a wooden bridge over drain, on the E. side of the bridge, on a steel girder plate, a chiseled cross, painted "UE 670.2" Drain 9.5 ft lower 670.14
- 42 11.0 UE 16 RGW B; about 0.8 mi N. along an unimproved road from UE 16 RGW A; about 2.1 mi N. of BM.; about 260 ft N., 31 ft W. and 8.7 ft higher than drive W. to farm; on SE. side of power pole; 10 inches above ground; a rail spike, painted "UE 762.8" 762.77
- 43 11.6 UE 16 RGW C; about 2.8 mi N. of tablet; about 1.5 mi N. of UE 16 RGW A; 33 ft S., 36 ft E. and 3.6 ft higher than T-rd. S., on NW. side of telephone pole; 10 inches above ground level; a rail spike, painted "UE 754.3" 754.26
- 44 12.1 Mt. Sterling, about 1.0 mi S. and 3.0 mi W. of; T. 67 N., R. 10 W.; near approximate cor. secs. 15, 16, 21 and 22; 100 ft SE. and 36 ft NE.; 30 ft S. and 100 ft E. along drive E. to farmhouse; 3.0 ft S. of corner fence post; 1 ft W. of fence and in concrete post; a standard tablet stamped "TT 26 G 1935 RESET 1954" painted "BM 760.9" 760.861
- 44 12.1 Reference mark; 80 ft WNW. of tablet; 13 ft N. and 51 ft E. of road turn N.-S. and W., on NE. end of an 18-in. corrugated steel culvert; a punched hole, not painted 756.13

KEOSAUQUA QUAD., 6

- 45 13.2 UE 26 G; about 1.1 mi E.-NE. along a gravel road from tablet; 22 ft N., 22 ft W. and 2.4 ft lower than road at a diamond N. into timber; on N. end of a 30 inch corrugated steel culvert; a punched mark, painted "UE 720.1" 720.14
- 46 14.2 UE 26 G B; about 2.1 mi E.-NE. along a gravel road from tablet; 46 ft S., 16 ft E. and 0.9 ft lower than triangle formed by T-rd. S.; on E. end of a 24 inch corrugated steel culvert; a punched mark, painted "UE 737.0" 736.99
- 47 14.7 Mt. Sterling, 1.9 mi W. along the Chicago, Burlington and Quincy RR. from the station at; Van Buren County, 95 ft W. of milepost 57, at a road crossing; 33 ft N. of the center of the track; 25 ft E. of the center of the road; 13 ft S. of the right-of-way fence; 5 ft W. of a pole, and about 18 inches lower than the track; a standard USCGS disk, stamped "N 121 1935" and set in the top of a concrete post; painted BM 656.5" 656.501

LINE 5Feet

SOUTH FROM NORTHWEST CORNER (by P. D. Ragan, 1964; Book CV 1702)

MOUNT ZION QUAD., 27

- 21.2 UE 6 A; 0.66 mi S. along gravel road from tablet; T. 69 N., R. 10 W.; near center of sec. 22, 178.4 ft N., 32 ft W. and 6.6 ft higher than center of N.-S. rd. at rd. fork W.; 13 ft N. of center of cut-off road between road forks; 0.4 ft above ground, in the E. side of a power pole; head of rail spike; painted "UE 642.5" 642.50

KEOSAUQUA QUAD., 6

- 22.5 Keosauqua, about 2.0 mi (airline) NW. of Des Moines River bridge at; at Pittsburg; T. 69 N., R. 10 W.; in SE $\frac{1}{4}$ sec. 27; 14.2 ft N. and 0.7 ft higher than center of E. end of concrete bridge over Des Moines River, in the E. end of the N. concrete bridge curb; standard tablet stamped "7 FDR 1964 598", painted "RM 597.5" 597.511
- 22.5 Reference mark; 110.4 ft SE. of tablet; 55.3 ft S. and 12.9 ft W. of E.-W. rd. at field entrance S.; 0.4 ft above ground, in the N. side of the most northern one of two transmission line poles; head of rail spike; painted "RM 592.4" 592.40
- 23.5 UE 7 A; 1.0 mi SE. along blacktop road from tablet; T. 69 N., R. 10 W.; in SE $\frac{1}{4}$ sec. 26; about 200 ft SW. of D-X Bulk Plant (gas); 35 ft N., 17 ft E. and 3.8 ft lower than center of T-rd. N. in the E. end of a 24-in. circular metal culvert; punched hole; painted "UE 637.5" 637.5
- 24.9 Keosauqua, at; T. 69 N., R. 10 W.; in SE $\frac{1}{4}$ sec. 36; 20 ft NE. and 4.5 ft higher than center of hwy. at SE. end of concrete bridge over Des Moines River, in top of the SE. end of the NE. concrete bridge banister; standard tablet stamped "8 FDR 1964 597", painted "RM 596.6" 596.596
- 24.9 Reference mark, 162 ft SE. of tablet; 34 ft NW. and 39.2 ft SW. of center of T-rd. SW., in the SE. corner of 4 x 11.3 ft concrete foundation of sign reading LACEY KEOSAUQUA STATE PARK; chiseled square, not painted 599.24
- 25.8 UE 8 A; 0.9 mi SE. along State Hwy. 1 from tablet; T. 68 N., R. 10 W.; in SE $\frac{1}{4}$ sec. 1, 57.4 ft S., 28.2 ft W. and 1.6 ft lower than center of T-rd. E.; in the W. end of a 30-in. concrete circular culvert; chiseled square, painted "UE 716.1" 716.07
- 26.5 UE 8 B; 1.7 mi SE. along State Hwy. 1 from tablet; T. 68 N., R. 10 W.; in NE $\frac{1}{4}$ sec. 12; 39 ft W., 18 ft N. and 2.5 ft lower than center of N.-S. hwy. at drive W. to small shed and grain bin, in the N. end of an 18-in. concrete circular culvert; chiseled square; painted "UE 739.5" 739.54
- 27.4 Reference mark, 376.4 ft NW. of tablet; 101.4 ft W. and 19 ft N. of center of crossroads; in the N. end of a 30-in. circular concrete culvert; chiseled square, painted "RM 734.6" 734.56
- 27.4 Keosauqua, 2.5 mi SSE. along State Hwy. 1 from SE. end of concrete bridge over Des Moines River at; T. 68 N., R. 9 W.; in NW $\frac{1}{4}$ sec. 18; 334.6 ft S., 24.6 ft E. and 0.6 ft lower than center of crossroads, in the center of the E. headwall of 4 x 7 ft concrete cattle pass; standard tablet stamped "9 FDR 1964 738" painted "RM 738.2" 738.166
- 28.3 UE 9 A; 1.0 mi S. along State Hwy. 1 from tablet; T. 68 N., R. 9 W.; in NW. corner of NW $\frac{1}{4}$ sec. 19; 46.6 ft E. and 9.8 ft lower than center of N.-S. hwy. at culvert; in the center of the E. concrete headwall of a 8.6 ft by 12 ft box culvert; chiseled square, painted "UE 686.3" 686.35

KEOSAUGUA QUAD., 6

Post

Line 5 Cont'd.

- 28.8 Center of T-rd. N. (junction State Hwys. 1 and 2) 749.1
- 29.2 UE 9 B; 1.5 mi S. along State Hwy. 1 and 0.5 mi E. along State Hwy. 2 from tablet; T. 68 N., R. 9 W.; near center of sec. 19; 192.9 ft W. and 4.5 ft lower than center of T-rd. S., 23.3 ft S. and 2.0 ft lower than center of E.-W. hwy. at culvert, in the S. end of a 42-in. circular concrete culvert; chiseled square; painted "UE 737.2" 737.19
- 30.3 Reference mark; 463.4 ft N. of tablet; 31.5 ft E., 15 ft S. and 4.7 ft lower than center of T-rd. E.; in the S. end of a 24-in. circular metal culvert; punched hole; painted "RM 655.0" 655.01
- 30.3 Mt. Sterling, 2.7 mi N. and 0.2 mi W. of; 1.1 mi S. of State Hwy. 2; T. 68 N., R. 9 W.; about 500 ft S. of center of sec. 30; 478 ft S. of center of T-rd. E.; 61.3 ft N., 11.5 ft W. and 2.6 ft higher than center of N.-S. road at concrete bridge over creek; in top of the N. end of the W. concrete bridge banister; standard tablet stamped "10 FDR 1964 657", painted "BM 657.4" 657.437
- 31.1 UE 10 A; 0.8 mi S. along blacktop road from tablet; T. 68 N., R. 9 W.; about 500 ft N. of center of sec. 31; 17.2 ft N., 25.4 ft E. and 3.4 ft lower than center of N.-S. road at private drive W. to farmhouse, in top of S. end of an 18-in. circular metal culvert; punched hole; painted "UE 743.7" 743.7
- 32.2 UE 10 B; 1.8 mi S. along blacktop road from tablet; T. 67 N., R. 9 W.; near center of sec. 6; 29.5 ft E., 17.0 ft S. and 4.3 ft lower than N.-S. road at private drive E. to farmhouse, in top of the S. end of an 18-in. circular metal culvert; punched hole; painted "UE 712.0" 712.0
- 33.6 Mt. Sterling at; on the C.B.&Q. RR., 210 ft E. of the station, at pole 55+04, 33 ft N. of the center of the main track, 17 ft S. of the center of siding, 4 ft E. of a pole and level with the track; a USC&GS standard disk stamped "up 121 1935" and set in the top of a concrete post. (Disturbed, this mark probably run over by truck, leaning slightly W., concrete post is chipped; 210 ft E. of RR. station at Mt. Sterling) 658.112
- 34.3 UE P 121 A; 0.74 mi E. along the C.B.&Q. RR. from tablet; T. 67 N., R. 9 W.; near center of N $\frac{1}{2}$ sec. 8; 64.4 ft E., 46.6 ft N. and 0.7 ft higher than center of grade crossing (RR. at field rd.) 0.8 ft above ground in the SW. side of the SE. root of a 49-in. oak tree; head of rail spike; painted "UE 703.5" 703.48
- 35.0 Mt. Sterling, 1.4 mi E. along the C.B.&Q. RR. from the station at; 11 $\frac{1}{2}$ poles E. of milepost 54, at a road crossing; 48 ft W. of the center of the road; 43 ft N. of the center of the track, 3 ft SW. of a right-of-way fence corner, and about 1 ft lower than the track; a USC&GS standard disk stamped "121 1935" and set in top of a concrete post 738.978

LINE 6

EAST ALONG WEST PORTION OF SOUTH BORDER (by R. E. Carey, 1947; Book CV 134)

KEOSAUGUA QUAD., 325

- T. 66 N., R. 10 W.; near cor. secs. 22, 23, 26 and 27; 110 ft N. and 35 ft W. from T-rd. N.; in rest on S. side of 30-in. elm tree; copper nail and washer 750.99
- T. 66 N., R. 10 W., about 0.1 mi E. of cor. secs. 22, 23, 26 and 27; 64 ft W. of road fork NW.; (which is on crown of small knoll); 22 ft S. of center of road, 6 ft E. of right-of-way fence N., and iron post with standard tablet stamped "745 A" post projects about 20-in. Reported destroyed 5/50; TPB 746.851

Keosauqua Quadrangle
325 Mo., 6 Iowa

Line 6 Cont'd.KEOSAUQUA QUAD., 325Feet

T. 66 N., R. 10 W.; in NW $\frac{1}{4}$ sec. 26, on SW. corner of concrete step of Black Oak Schoolhouse; chiseled square	728.65
T. 66 N., R. 10 W., near N. sixteenth cor. secs. 25 and 26; 60 ft N. and 45 ft W. of T-rd. W.; in root on S. side of 10-in. twin elm tree; copper nail and washer	703.93
T. 66 N., R. 9 W.; near cor. secs. 20, 21, 28 and 29; 10 ft N. and 45 ft E. of T-rd. E.; in root on SW. side of 4-in. oak tree; copper nail and washer	712.11
T. 66 N., R. 9 W.; near cor. secs. 21, 22, 27 and 28; 20 ft S. and 15 ft E. of crossroads, in root on N. side of 12-in. elm tree; copper nail and washer	717.15
T. 66 N., R. 9 W.; about 0.3 mi W. of cor. secs. 22, 23, 26 and 27; about 250 ft NE. of farmhouse, 15 ft N. of center of road, in root on SW. side of 18-in. tree; copper nail and washer	744.51
T. 66 N., R. 9 W.; near cor. secs. 22, 23, 26 and 27; 65 ft N. and 25 ft E. of T-rd. N.; in root on W. side of 4-in. oak tree; copper nail and washer	731.15

KAROKA NO. 2 QUAD., 308

Luray, 3.0 mi N. and 3.5 mi W. of; 270 ft E. of Scotland-Clark Co. line and W $\frac{1}{2}$ cor. sec. 30, T. 66 N., R. 9 W.; on crown of hill opposite small farmhouse, 19 ft N. of center of road, 1 ft S. of yard fence, in concrete post; standard tablet stamped "TT 1 C 1947"	744.764
Reference mark; 9 ft S. and 12 ft E. of T-rd., on S. end of 12-in. iron drain pipe; chiseled cross	731.89
T. 66 N., R. 9 W.; near quarter cor. between secs. 29 and 30, 15 ft N. and 30 ft E. of T-rd. N.; on NE. end of concrete headwall of concrete culvert; chiseled square	715.74
Luray, 3.0 mi N. and 1.5 mi W. of, 30 ft E. and 2.5 ft N. of center of T-rd. W. which is at quarter cor. between secs. 28 and 29; T. 66 N., R. 9 W.; 2.5 ft N. and 2.5 ft E. of corner fence post, cap on iron post; standard tablet stamped "734 A Reset 1947"	734.937
Reference mark; 480 ft N. of tablet; on E. end of 12-in. corrugated drain pipe; chiseled cross	728.46
Luray, 3.0 mi N. and 1.0 mi E. of; about 0.2 mi E. of quarter cor. between secs. 26 and 27; T. 66 N., R. 9 W.; 590 ft N. of T-rd. E.; 66 ft S. of T-fence E., 16 ft E. of center of road, 1.5 ft W. of fence line, in concrete post; standard tablet stamped "TT 2 C 1947"	715.617
Reference mark, 540 ft S. of tablet, 35 ft N. and 35 ft E. of T-rd. E.; in root on W. side of 24-in. oak tree; copper nail and washer	696.38
T. 66 N., R. 9 W.; 0.2 mi W. of center of sec. 35; 20 ft S. and 55 ft E. of T-rd. E.; 1 ft W. of corner fence post, top of buggy axle projecting about 1 ft.	735.01
Luray, 1.5 mi N. and 1.0 mi E. of, about 0.2 mi E. of cor. secs. 2, 3, 34 and 35; Ts. 65 and 66 N., R. 9 W.; 24 ft S. and 21 ft E. of center of T-rd. N.; 5 ft NW. of powerline pole; in concrete post; standard tablet stamped "TT 3 C 1947"	735.049
Reference mark, 50 ft N. of tablet; 20 ft N. and 30 ft E. of T-rd. N.; top of car axle projecting 3 inches	735.24

LINE 7

Feet

EAST ALONG EAST PORTION OF SOUTH BORDER (by F. Y. Brown, 1936; Book B 7446)

KAHOKA NO. 2 QUAD., 308

- Luray, 1.4 mi NE. of, near center sec. 3, T. 65 N., R. 9 W.; 28 ft S. and 60 ft W. from rd. fork W., 5 ft E. of hedge fence, in concrete post; standard tablet stamped "TT 112 C 1936 745" (destroyed 1947) 744.532
- T. 66 N., R. 9 W.; in SW $\frac{1}{4}$ sec. 25; 0.1 mi N. of bridge over creek, 12 ft N. and 30 ft W. from road corner E.-S.; 4 ft S. of fence, in concrete post; standard tablet stamped "TT 111 C 1936 629" (Destroyed 1950) 629.513
- T. 66 N., R. 9 W.; on line between secs. 25 and 36; 15 ft S. and 125 ft W. from T-rd. N.; on S. wingwall of E. abutment of small bridge; chiseled square 640.01

KEOSAUQUA QUAD., 325

- T. 66 N., R. 8 W.; in NE $\frac{1}{4}$ sec. 30; 26 ft N. and 15 ft W. from T-rd. S.; 15 ft N. and 1 ft E. from fence corner, in concrete post; standard tablet stamped "TT 110 C 1936 611" 611.034
- T. 66 N., R. 8 W.; in SE $\frac{1}{4}$ sec. 20, about 600 ft S. of rd. forks, 60 ft N. of rd., 14 ft W. of farmhouse, on top of concrete wall platform; chiseled square 718.17

KAHOKA NO. 2 QUAD., 308

- Medill, 3.5 mi N. of, in NW $\frac{1}{4}$ sec. 35; T. 66 N., R. 8 W.; at top of hill; 38 ft W. of rd forks; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 101 C 1936 667" 666.791

KEOSAUQUA QUAD., 325

- T. 66 N., R. 8 W.; in W $\frac{1}{2}$ sec. 23; about 600 ft E. of T-rd. S.; on top of N. headwall of concrete culvert; chiseled square 599.50

DONNELSON QUAD., 324

- T. 66 N., R. 8 W.; near center sec. 23, 110 ft E. of T-rd. N.; on N. end of E. abutment of bridge over creek; chiseled square 590.40

LINE 8

WEST FROM CENTER OF EAST BORDER (by B. A. Barnes, 1936; F. Y. Brown, 1936-37; Book B 7446)

DONNELSON QUAD., 5

- T. 66 N., R. 8 W.; in sec. 2, 15 ft S., and 27 ft E. from junction of rd. E., on center of S. headwall of concrete culvert; chiseled square 717.28

KEOSAUQUA QUAD., 325

- T. 67 N., R. 8 W.; near center of sec. 34, 220 ft S. and 44 ft W. from hwy. at E.-W. hedge fence, on top of concrete right-of-way marker (mark not described) 717.64
- T. 67 N., R. 8 W.; quarter cor. between secs. 27 and 34, 12 ft N. and 24 ft E. from crossroad, on center of N. headwall of concrete culvert; chiseled square 708.66
- T. 67 N., R. 8 W.; in N $\frac{1}{2}$ sec. 27, 80 ft S. and 24 ft W. from hwy. at hedge fence, in center of W. headwall of concrete culvert; iron pin 707.91

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Keosauqua Quadrangle
325 Mo., 6 IowaLine 8 Cont'd.KEOSAUQUA QUAD., 325Feet

- Junction of rd. W., 18 ft S. and 27 ft W. from, on center of S. headwall of concrete culvert; chiseled square 698.86
- T. 67 N., R. 8 W.; in sec. 15; 0.2 mi S. of Iowa-Missouri State Line, 28 ft S. and 50 ft W. from hwy. at fence W.; 28 ft S. and 2 ft W. from fence corner, in concrete post; standard tablet stamped "TT 91 C 1936" (destroyed OGJ, 1939) 697.330
- T. 67 N., R. 8 W.; center sec. 21; 25 ft S. and 20 ft E. from T-rd. N.; 25 ft S. and 47 ft E. from T-rd. S.; 4 ft S. of fence; in concrete post; standard tablet stamped "TT 90 C 1936 714m" 714.370
- T. 67 N., R. 8 W.; E. sixteenth cor. sec. 20; 18 ft S. and 9 ft E. from T-rd. S.; on center of E. headwall of concrete culvert; chiseled square 702.58
- T. 67 N., R. 8 W.; in SW $\frac{1}{4}$ sec. 20; 150 ft S. of SE. corner of Duncan School, 15 ft N. of and 150 ft E. from T-rd. S.; on center of N. headwall of concrete culvert; chiseled square 712.87
- T. 67 N., R. 8 W.; in SE $\frac{1}{4}$ sec. 19, 150 ft E. of T-rd. S.; on center of S. headwall of concrete culvert; chiseled square 712.20
- T. 67 N., R. 9 W.; 300 ft S. of E. quarter cor. sec. 24; 22 ft S. and 2 ft E. from T-rd. N.; at NW. corner of Union Churchyard, in concrete post; standard tablet stamped "TT 89 C 1936 710m" 710.043
- T. 67 N., R. 9 W.; near center sec. 24; 12 ft S. and 60 ft E. from T-rd. S.; on center of S. headwall of concrete culvert; chiseled square 695.25
- T. 67 N., R. 9 W.; near quarter cor. between secs. 23 and 24; 35 ft E. of Upp School; 160 ft S. and 60 ft E. from T-rd. N.; on NE. corner of concrete wall top; chiseled square 730.02
- T. 67 N., R. 9 W.; E. Sixteenth cor. between secs. 22 and 27; 22 ft S. of T-rd. N.; in concrete post; standard tablet stamped "TT 88 C 1936 647m" 647.033
- T. 67 N., R. 9 and 10 W.; near N. cor. secs. 19 and 24; 36 ft S. and 22 ft W. from rd. corner E.; in concrete post; standard tablet stamped "TT 27 G 1935 735" 735.451
- T. 67 N., R. 10 W.; near N. quarter cor. sec. 21; 22 ft S. and 27 ft W. from T-rd. S.; on concrete base of corner fence post; chiseled square 754.42

CANTRIL QUAD., 326-7