

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

Clark and Lewis Counties, Mo.

Edition of 7/31/68

PR: WCM/FH/as

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KAHOKA QUADRANGLE

307 - MISSOURI

2 - IOWA

N4015-W9130/15

DIAGRAM NK 15-12

BURLINGTON, ILL. MO. IOWA

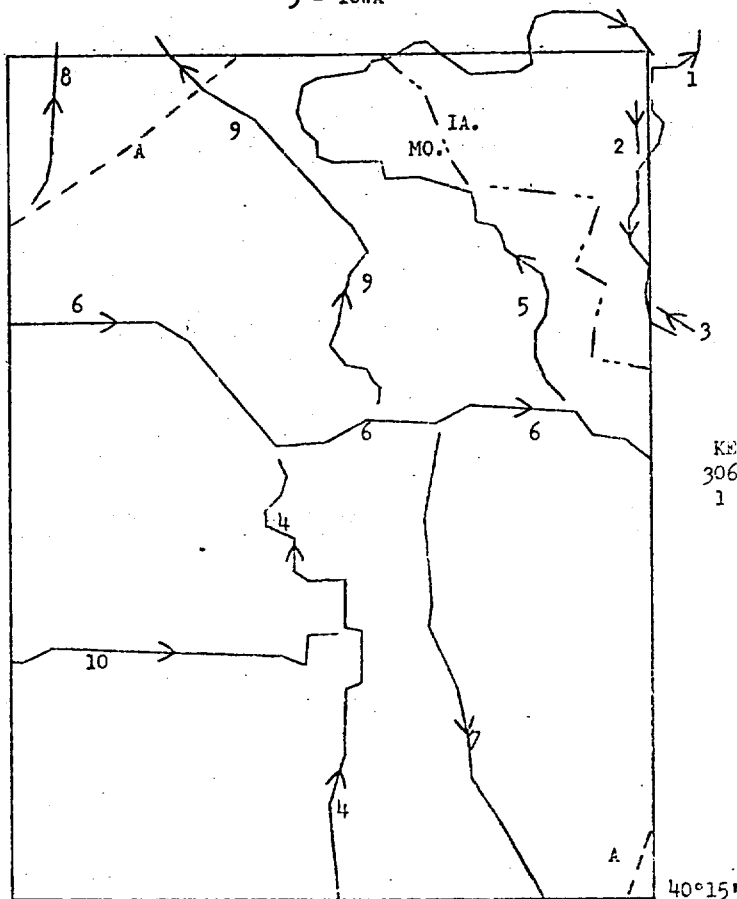
DONNELSON

324 - MO.

5 - IOWA

KAHOKA NO. 2
308 - MO.

KEOKUK
306 - MO.
1 - IOWA



KAHOKA NO. 4
290 - MO.

USC&GS LEVELING

A=Quadrangle No. 400913

Based on Supplementary Adjustment of 1952 and 1953

2 D

LINE 1

FEET

C. R. Nickerson, 1963; CV 1580

KAHOKA NO. 2 QUAD.

- 0.0 Vincennes, 3.75 mi E. of, about 0.8 mi E. of Oak Grove School; near quarter cor. secs. 24 and 25, T. 66 N., R. 6 W., 30 ft S. and 32 ft W. of center of T-rd. E.; 14 ft S. of the S. gatepost at gate into field; 1 ft E. of fence; in concrete post; standard tablet stamped "TT 22 C 1948" 556.696

KEOKUK QUAD. - 1

- 0.8 UE, Montrose, 2.8 mi S., 3.7 mi W. of; near NW. cor. sec. 30, T. 66 N., R. 5 W., 65 ft N. and 60 ft W. of rd. fork; in S. end of sidewalk leading to Oak Grove Lutheran Church; chiseled square 669.05

PORT MADISON QUAD. - 4

- 1.6 UE, Montrose, 2.2 mi S. and 3.4 mi W. of; near center sec. 19, T. 66 N., R. 5 W.; at crest of hill opposite field entrance E.; 33 ft W. of center of rd.; in SE. side of power pole; 12 in. above ground; rail spike 680.18
- 2.3 UE, Montrose, 1.5 mi S. and 3.4 mi W. of; near center sec. 18, T. 66 N., R. 5 W.; at right angle bend in rd., 12 ft SW. of center of rd.; on metal culvert 670.1
- 3.1 Montrose, 0.8 mi S. and 3.7 mi W. of post office; 1.5 mi W. of jct. of U.S. Hwy. 218 and Co. rd. "U", near SW. cor. sec. 7, T. 66 N., R. 5 W., 34 ft N. and 30 ft W. of T-rd. S.; 2.5 ft W. of telephone pole; in concrete post projecting 6 in. above ground standard tablet stamped "1 CRN 1963" 674.633
- 3.1 Reference mark, 80 ft E. of tablet; 13 ft N. of center of Co. rd. "U" in top of head-wall of concrete culvert; chiseled square 674.96

LINE 2

C. R. Nickerson, 1963; CV 1580

KAHOKA QUAD. - 307

- 0.0 "TT 22 C 1948" (Previously described in Line 1) 556.696
- 0.4 UE, Montrose, 3.1 mi S. and 4.7 mi W. of; near center sec. 25, T. 66 N., R. 6 W., 32 ft S. and 22 ft W. of T-rd. NE.; in NE. side of power pole; rail spike 661.08
- 1.5 UE, Montrose, 4.1 mi S. and 4.3 mi W. of; near the center of sec. 36; T. 66 N., R. 6 W.; 30 ft NE. and 36 ft NW. of T-rd. SW.; in NW. side of power pole; rail spike 659.74
- 2.2 Montrose, 4.7 mi S. and 4.4 mi W. of; near the S. quarter cor. sec. 36, T. 66 N., R. 6 W.; nearest NE. end of bridge; copper nail and washer 562.89
- 3.1 UE, Montrose, 5.0 mi S. and 4.5 mi W. of; near center of NE. sec. 1, T. 65 N., R. 6 W., 30 ft NE. and 21 ft NW. of T-rd. S.; on SE. end of round concrete culvert; under field entrance; chiseled square 610.64
- 5.7 Melrose Methodist Church, 2.0 mi S. of; 830 ft N. of a fence line E. which is near line between secs. 12 and 13, T. 65 N., R. 6 W., 0.4 mi N. of Eagle School, 35 ft E. of center of rd., 14 ft S. of drive-in to field; in concrete post; standard tablet stamped "TT 24 C 1948" 598.069

LINE 3

C. R. Nickerson, 1963; Book CV 1580

KEOKUK QUAD. - 1

- 0.0 Vincennes, 6.0 mi S. and 4.5 mi E. of; about 0.25 mi E. of cor. secs. 19, 24, 25, and 30, T. 65 N., Rs. 5 and 6 W., on N. bluff of Des Moines River, at a right angle turn in rd. from N. to W.; 14 ft S. of center of rd. W.; 3 ft E. of center of rd. N.; 3 ft N. and 10 ft W. of cor. fence post; in a concrete post; standard tablet stamped "TT 25 C 1948" 600.640
- 2.3 UE, Keokuk, 1.0 mi S. and 3.8 mi W. of jct. of U.S. Hwy. 61 and 218; near S $\frac{1}{4}$ cor. sec. 13, T. 65 N., R. 6 W., 10 ft S. of center of rd.; 240 ft E. of field rd. N.; in SW. curb of new concrete bridge crossing Sugar Creek; chiseled square 516.78
- 2.9 UE, Keokuk, 1.0 mi S. and 4.5 mi W. of jct. of U.S. Hwy. 218 and 61, near NE. cor. sec. 23, T. 65 N., R. 6 W., 15 ft S. and 27 ft W. of T-rd. E., in E. side of power pole; rail spike 576.46

LINE 4

R. E. Carey, 1948; CV 134

KAHOKA QUAD. - 307

- T. 63 N., R. 7 W., near cor. secs. 13, 14, 23 and 24, at Clark-Lewis Co. line, 24 ft N. and 35 ft W. of T-rd. N. and P.I. of curve on Hwy. 81, on knot on W. side of first fence post N. of corner fence post; a copper nail and washer 667.88
- T. 63 N., R. 7 W., near quarter cor. between secs. 13 and 14, 20 ft N. and 150 ft E. of T-rd. E.; in root on W. side of 8 in. wild cherry tree; a copper nail and washer 675.74
- St. Patrick, about 0.25 mi N. of, at curve from NW. to S. in State Hwy. 81, 176 ft N. of E.-W. fence line which is on line between secs. 12 and 13, 44 ft NE. of center of hwy., 6 ft NW. of power line pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "TT 12 C 1948" 680.635
- Reference mark, 15 ft N. and 35 ft E. from T-rd. E.; top of reference mark projecting 4 in. above ground 680.71
- T. 63 N., R. 7 W., near quarter cor. between secs. 11 and 12, at jct. of Hwy. 81 and Rt. "Z", 110 ft N. and 20 ft W. of jct., on top of R.M. projecting about 6 in. above ground 660.09
- T. 63 N., R. 7 W., near quarter cor. between secs. 1 and 2, 55 ft N. and 30 ft W. of T-rd. W.; in root on W. side of 8 in. elm tree; copper nail and washer 663.94
- St. Patrick, 2.5 mi N. and 0.5 mi E. of, 1.5 mi S. of Winchester, near line between secs. 1 and 36, Tps. 63 and 64 N., R. 7 W., at rd. forks SW.-SE.-NW.; 65 ft N. and 22 ft E. of rd. forks, 38 ft normal to rd. NW., 30 ft normal to trail NE., 7 ft N. of an 18 in. scaly bark hickory tree, in concrete post; standard tablet stamped "TT 13 C 1948" 672.735
- Reference mark, 160 ft S. and 20 ft W. of jct. of Y-rd., in root on E. side of 8 in. oak tree; copper nail and washer 673.93
- T. 64 N., R. 7 W., in SE. cor. of NW $\frac{1}{4}$ sec. 36, on bolt on top of SW. pier of bridge over Honey Creek; a chiseled cross 554.65
- T. 64 N., R. 7 W., near center of sec. 25, 20 ft N. and 35 ft W. of T-rd. S.; in root on N. side of 16 in. wild cherry tree stump; copper nail and washer 647.15

LINE 4 (Cont'd)

FEET

KAHOKA QUAD.-307

Winchester, at NW. cor. of, in sec. 25, T. 64 N., R. 7 W., at right angle turn in rd. from S. to W.; 10 ft N. and 6 ft E. of intersection of rd. tangents, 51 ft NE. of NE. corner of small white church, 7 ft W. of a gate post, 1 ft S. of barn lot fence, in concrete post; standard tablet stamped "TT 14 C 1948"	672.547
Reference mark, on SE. corner of concrete porch to Church house; chiseled square	673.75
T. 64 N., R. 7 W., near E. central sixteenth cor. sec. 24, 15 ft N. and 35 ft W. of P.I. of curve that curves sharply from the S. to the W., in root on S. side of 30 in elm tree; copper nail and washer	660.82
T. 64 N. R. 7 W., near quarter cor. between secs. 23 and 24, 430 ft W. of T-rd. N.; 80 ft N. of rd., on top of SE. corner of concrete well top; chiseled square	646.95
Reference mark No. 2, is SE. of the station on the E. edge of the right-of-way of N.-S. rd., 1 ft W. of hedge fence, 20 ft E. of the center of rd., and projects 3 in.	693.737
Reference mark No. 3, is NE. of the station, in hedge fence on the E. edge of right-of-way, 21 ft E. of center of rd., 6 ft E. of ditch bank and projects 6 in.	693.886
T. 64 N., R. 7 W., near W. central sixteenth cor. secs. 13, 30 ft N. and 30 ft E. of crossroads, on E. end of corner fence post brace; copper nail and washer.	675.53
T. 64 N., R. 7 W., near W. central sixteenth cor. sec. 14, 50 ft N. and 110 ft E. of crossroads on SW. cor. of concrete walk leading to Gem Church; a chiseled square	689.90
Wayland, 2.5 mi S. and 3.0 mi W. of, about 0.25 mi E. of quarter cor. between secs. 10 and 11, T. 64 N., R. 7 W., 35 ft E. of T-rd. S.; 17 ft S. of center of rd. E.; 11 ft E. of 14 in. elm tree which is used as fence corner post, 3 ft S. of fence line, (1.0 mi N. of Gem Church) in concrete post; standard tablet stamped "TT 15 C 1948"	669.100
Reference mark, 20 ft N. and 70 ft E. of tablet; in root on N. side of 8 in. oak tree; copper nail and washer	667.96
T. 64 N., R. 7 W., near E. central sixteenth cor. sec. 10, 15 ft N. and 30 ft W. of T-rd. N.; in root on S. side of 10 in. elm tree; a copper nail and washer	674.16
T. 64 N., R. 7 W., near cor. secs. 2, 3, 10 and 11, at NE. end of bridge over Sugar Creek on N. end of steel girder; chiseled cross	592.87
T. 65 N., R. 7 W., in NW. corner of SW $\frac{1}{4}$ sec. 35, 25 ft S. and 10 ft E. of jct. of N.-S. rds., and State Hwy. 4, near center of E. headwall of concrete culvert; chiseled square	676.42
Wayland, 2.5 mi SW. of, along State Hwy. 4, in sec. 35, T. 65 N., R. 7 W., at a fence line N., 110 ft SW. of rd. fork W.; 40 ft normal to and on NW. side of hwy., 5 ft N. and 2 ft E. of cor. fence post; in concrete post; standard tablet stamped "TT 16 C 1948"	671.119
Wayland, 1.0 mi W. of, at SE. cor. of bridge over Fox River, in center of concrete wingwall, standard tablet by Water Resources Branch of U.S.G.S.	525.421

LINE 5

R. E. Carey, 1948; Book CV 134

KAHOKA QUAD. - 307

T. 65 N., R. 7 W., near quarter cor. between secs. 24 and 30, at curve that curves sharply from the S. to the W., 20 ft S. and 12 ft E. of P.I. of curve, in root on NE. side of 12 in. twin elm, copper nail and washer	578.63
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LINE 5 (Cont'd)

FEET

KAHOKA QUAD. - 307

T. 65 N., R. 7 W., near center sec. 25, on NW. headwall of concrete abutment of bridge over Fox River, chiseled square	530.63
Wayland, 2.0 mi W. and 1.0 mi N. of, 5.5 mi S. and 3.0 mi E. of Revere, about 0.25 mi E. of cor. secs. 24, 23, 25 and 26, T. 65 N., R. 7 W., 71 ft W. and 26 ft N. of T-rd. N., 49 ft W. of cor. fence post, 3 ft N. of fence, in concrete post; standard tablet stamped "TT 17 C 1948"	595.111
Reference mark, 54 ft N. and 15 ft W. of T-rd. N., in root on SW. side of 8 in. elm tree; copper nail and washer	591.12
T. 65 N., R. 7 W., about 0.2 mi N. of cor. secs. 23, 24, 25 and 26, on the SW. head-wall of concrete abutment of bridge over Creek; a chiseled square	549.87
T. 65 N., R. 7 W., near N. sixteenth cor. between secs. 23 and 24, on rivet head on the NE. pier of bridge over Fox River, a chiseled cross	536.76
T. 65 N., R. 7 W., near center of sec. 13, 25 ft S. and 50 ft W. of T-rd. N.; in the N. root of 12 in. walnut tree; in farmyard, copper nail and washer	684.04
Revere, 3.5 mi S. and 3.5 mi E. of, near N. side of sec. 13, T. 65 N., R. 7 W., in front of a two story rock farmhouse, 36 ft S. of private drive in W.; 36 ft W. of center of rd., 12 ft N. of a 20 in. elm tree; 4 ft E. of a fence, in line with fence W. which is N. lawn fence, in a concrete post; standard tablet stamped "TT 18 C 1948"	671.375
Reference mark, 90 ft S. and 25 ft W. of tablet; on the SE. corner of concrete walk leading to house; a chiseled square	671.64
T. 65 N., R. 7 W., in SE. cor. of the NE $\frac{1}{4}$ sec. 12, 50 ft S. and 50 ft W. of T-rd. S., in root on N. side of 4 in. hedge tree; copper nail and washer	691.56
T. 65 N., R. 7 W., in SE. cor. of the SE $\frac{1}{4}$ sec. 2, 20 ft S. and 15 ft W. of P.I. of curve that curves sharply from the N. to E., on knot on N. side of fence post; copper nail and washer	694.1
T. 65 N., R. 7 W., near center of sec. 2, 18 ft N. and 38 ft W. of T-rd. W.; in root on SW. side of 18 in. tree stump; copper nail and washer	694.769
Tps. 65 and 66 N., R. 7 W., near quarter cor. between secs. 2 and 35, 300 ft N. and 30 ft W. of T-rd. N., in root on W. side of 18 in wild cherry tree; copper nail and washer	691.07
T. 66 N., R. 7 W., near center of sec. 35, 200 ft W. of angle in rd. from S. to W., 450 ft E. of T-rd. N.; near center of N. headwall of concrete culvert; a chiseled square	673.24
T. 66 N., R. 7 W., near quarter cor. between secs. 26 and 35, 35 ft N. and 30 ft E. of T-rd. E.; in forks of a 4 in. twin wild cherry tree; copper nail and washer	686.68
Revere, 2.0 mi E. of, in sec. 26, T. 65 N., R. 7 W., 25 ft W. and 5 ft E. of center of T-rd. S.; 3 ft S. of fence line, in concrete post; standard tablet stamped "TT 19 C 1948"	685.244
Reference mark, 150 ft S. and 25 ft W. of T-rd. S.; in root on SE. side of 8 in. wild cherry tree; copper nail and washer	684.58
T. 66 N., R. 7 W., in SE. cor. of NE $\frac{1}{4}$ sec. 25, about 300 ft W. of curve that curves from N. to W., 20 ft N. and 12 ft W. of private drive-in N.; in root on N. side of 14 in. elm tree; copper nail and washer	672.77
T. 66 N., R. 7 W., in SE. cor. of SE $\frac{1}{4}$ sec. 24, on SW. bank of Des Moines River, 45 ft E. of center of rd. in root on W. side of 18 in. elm tree; copper nail and washer	518.83

line 5 (Cont'd)

FEET

KAHOKA QUAD. - 307

- T. 66 N., R. 6 W., near the W. sixteenth cor. between secs. 20 and 29, 200 ft SE. of the SE. corner of a farmhouse, 25 ft N. and 100 ft E. of dim rds., S.; in root on S. side of 30 in. walnut tree; copper nail and washer 552.98
- Vincennes, 0.25 mi E. of, T. 66 N., R. 6 W., cor. secs. 20, 21, 28 and 29, 25 ft S. and 60 ft E. from T-rd. S., in the N. side of telephone pole; a rail spike 549.04
- T. 66 N., R. 6 W., near cor. secs. 21, 22, 27 and 28; at foot of steep grade; about 700 ft W. of T-rd. W.; at front entrance to farmhouse; 20 ft S. of center of rd. in root on NW. side of 4 in. white oak tree; copper nail and washer 562.88
- Vincennes, 1.5 mi E. of; in sec. 22, T. 66 N., R. 6 W., 365 ft NW. of jet. of Co. Rts. "C" and "Y" which is about 0.25 mi E. of cor. secs. 21, 22, 27 and 28; on a slight knoll; 32 ft normal to and on E. side of rd.; in line with fence SW.; 2 ft W. of right-of-way fence; in concrete post; standard tablet stamped "TT 21 C 1948" (Reported not found 7/66 TLC) 648.596
- Reference mark, 175 ft N. and 50 ft W. of T-rd. W.; in root on NW. side of 18 in. hickory tree; copper nail and washer 638.33

DONNELSON QUAD. 324

- T. 66 N., R. 6 W., about 0.35 mi W. of cor. secs. 15, 16, 21 and 22; 35 ft S. and 150 ft E. from T-rd. E.; in root on W. side of 8 in. oak tree; copper nail and washer 677.71
- T. 66 N., R. 6 W., near cor. secs. 15, 16, 21 and 22, 150 ft W. of T-rd. N.; at bridge over creek, on top of piling at NE. end of bridge; copper nail and washer 624.03
- T. 66 N., R. 6 W., near quarter cor. between secs. 15 and 22, 30 ft S. and 40 ft E. of crossroads, in N. side of telephone pole; rail spike 674.75
- T. 66 N., R. 6 W., near quarter cor. between secs. 14 and 23, 500 ft W. of T-rd. N.; 75 ft E. of center of rd. in root on W. side of 16 in. white oak tree; in farmyard; copper nail and washer 641.08
- T. 66 N., R. 6 W., about 0.1 mi W. of cor. secs. 13, 14, 23 and 24, at NE. end of steel truss of bridge over Sugar Creek, on top of 3/4 in. bolt head; chiseled cross 567.96

KAHOKA QUAD. - 307

- T. 66 N., R. 6 W., near center sec. 24, at curve in rd. that curves sharply from the S. to the NW., 150 ft W. of a dim rd. N., in stump on SE. side of 6 in. elm tree; copper nail and washer 612.73
- "TT 22 C 1948" (Previously described in Line 1) 556.676
- Reference mark, about 600 ft S. of tablet; at NW. end of steel truss of bridge over Sugar Creek, on 1 in. bolt head; a chiseled square 557.78
- T. 66 N., R. 7 W., in the SW. corner of the SE $\frac{1}{4}$ sec. 25, 70 ft S. and 60 ft E. of T-rd. NE.; in root on SE. side of 16 in. white oak tree; copper nail and washer 660.12
- T. 66 N., R. 7 W., in the SW. corner of the NW $\frac{1}{4}$ sec. 36, at bridge over Sugar Creek, 40 ft SW. of the NE. end of bridge; on the NW. end of cap of the second bend from NE. end of bridge; copper nail and washer 566.245
- Vincennes, 2.0 mi S. and 3.25 mi E. of, across rd. S. of Melrose Church, possibly near cor. secs. 1, 2, 35 and 36, Tps. 65 and 66 N., R. 6 W.; 34 ft S. and 9 ft W. of rd. fork N.; 29 ft normal to and on W. side of private rd. S. at gate; in concrete post; standard tablet stamped "TT 23 C 1948" 620.603
- Reference mark, 200 ft NW. of "TT 23 C" on SW. corner of lower concrete step of Melrose Methodist Church; a chiseled square 621.35

LINE 5 (Cont'd)

FEET

KAHOKA QUAD. - 307

- T. 66 N., R. 7 W., near quarter cor. between secs. 1 and 2, at curve in rd. that curves sharply from the S. to the NE., at SE. corner of farmyard, 15 ft S. and 30 ft W. of P.I. of curve, in root on E. side of 20 in hickory tree; copper nail and washer 608.71
- T. 65 N., R. 6 W., near quarter cor. between secs. 11 and 12, at curve that curves sharply from N. to the E. near the center of E. headwall of a concrete culvert; at P.C. of curve; chiseled square 591.68
- "TT 24 C 1948" (Previously described in Line 1) 598.069
- Reference mark, about 350 ft SW. of tablet; on the NE. corner of concrete door step at two-story white farmhouse; a chiseled square 594.97
- T. 65 N., R. 6 W., near center of NW $\frac{1}{4}$ sec. 13, on the SE. cor. of concrete flag pole base, at Eagle Schoolhouse; a chiseled square 587.57

KEOKUK QUAD. 306

- T. 66 N., R. 7 W., in SW. cor. of NE $\frac{1}{4}$ sec. 36, 70 ft NE. and 30 ft NW. of T-rd. SW., in root on S. side of 10 in. black oak tree; copper nail and washer 658.57
- T. 65 N., R. 6 W., about 0.1 mi E. of quarter cor. between secs. 13 and 24, on top of NE. pier at NE. end of steel truss bridge over Sugar Creek; chiseled cross on rivet head 511.96
- T. 65 N., R. 5 W., about 0.2 mi E. of cor. secs. 13, 18, 19 and 24, in "Y" of rds., 20 ft S. of center of rd. E.; 40 ft N. and normal to main rd. SE.; top of rail spike in W. side of power pole 565.60
- T. 65 N., R. 5 W., near W. central sixteenth cor. sec. 19, at curve that curves sharply from the E. to S., 6 ft N. and 20 ft W. of P.I. of curve, in root on E. side of 30 in. white oak tree; 609.94
- "TT 25 C 1948" (Previously described in line 2) 600.640
- Reference mark, about 175 ft NW. of tablet; in root on E. side of 36 in. maple tree; copper nail and washer 601.27

LINE 6

B. A. Barnes, 1936: Book B-7446

KAHOKA NO. 2 QUAD. 308

- Ashton, at; on the Chicago, Burlington & Quincy RR., 150 ft W. of the center of a rd. crossing, 36 ft E. of center of a RR. water tank, 48 ft N. of the center of track, and level with the track; USC&GS standard disk stamped "U 85 1935" and set in the top of a concrete post 721.613
- Medill at, on the Atchison, Topeka and Santa Fe RR., SW. of the station, at State Hwy. 4 overpass bridge 263 BB, in the face of the NW. footing, 3 ft NE. of the SW. end, 20 ft NW. of the center of the NW. track, and 2 ft above the track; USC&GS standard disk stamped "G 85 1935" and set vertically 708.903
- T. 65 N., R. 8 W., center sec. 22, 160 ft N. and 140 ft W. from rd. corner N.-W., 130 ft SW. of hwy. at curve, in concrete post; standard tablet stamped "1516 E R A 1935 696" 696.287
- Kahoka, 1.0 mi W. of, 15 ft N. and 33 ft W. from crossroad, at center of N. headwall of concrete culvert; chiseled square 687.98
- Kahoka, at SE. cor. of courthouse yard, in concrete post; standard tablet stamped "695 A" 697.174

LINE 6 (Cont'd)

FEET

6

KAHOKA QUAD. - 307

Kahoka, 40 ft N. and 65 ft E. of intersection of Main and Washington Streets, in concrete post; standard tablet stamped "1517 E R A 1935"	703.322
T. 65 N., R. 7 W., in NE $\frac{1}{4}$ sec. 28, 35 ft S. of E.-W. crossroad, in concrete post; standard tablet stamped "1518 E R A 1935"	690.563
T. 65 N., R. 7 W., in S $\frac{1}{2}$ sec. 35, 26 ft S. and 14 ft E. from N.-S. crossroad, on center of E. headwall of concrete culvert, chiseled square	676.85
T. 65 N., R. 7 W., near quarter cor. between secs. 35 and 36, 35 ft S. of hwy., at fence S., in concrete post; standard tablet stamped "1519 E R A 1935" (destroyed 1948)	664.877
Wayland, 1.5 mi W. of, 20 ft S. and 12 ft E. from crossroad, on center of E. headwall of concrete culvert; chiseled square	526.47
Wayland, 50 ft N. and 65 ft W. from jct. of U.S. Hwy. 61 and State Hwy. 4, in concrete post; standard tablet stamped "1520 E R A 1935" (destroyed 8/61 DEC)	535.421
Wayland, about 1.0 mi E. of, 21 ft N. and 27 ft W. from jct. of rd. N., in center of W. headwall of concrete culvert; chiseled square	531.67
Wayland, about 2.0 mi E. of, 15 ft N. and 75 ft E. from jct. of rd. N., 15 ft N. and 12 ft W. from jct. of rd. S., on center of W. headwall of concrete culvert; chiseled square	497.74
Crossroad, 15 ft N. and 21 ft E. from, on center of N. headwall of concrete culvert; chiseled square	498.12
Wayland, 3.0 mi E. of, near quarter cor. between secs. 26 and 35, T. 65 N., R. 6 W., approx. 340 ft N. State Hwy. 26 at Y-rd. NW., 15 ft S. and 90 ft E. of private drive N.; a standard tablet stamped "TT 1521 ERA 1935 RESET", set in a concrete post Reset 1963	500.987
Concrete culvert near Jenkins School, on W. headwall of; chiseled square	499.12

LINE 7

B. A. Barnes, 1936; B 7446

KAHOKA QUAD. - 307

T. 64 N., R. 6 W., in SE $\frac{1}{4}$ sec. 6, about 200 ft N. of bridge over Fox River, 12 ft N. and 33 ft E. from jct. of rd. E., on center of N. headwall of concrete culvert, chiseled square	521.20
T. 64 N., R. 6 W., in NE $\frac{1}{4}$ sec. 7, 30 ft N. and 30 ft W. from jct. of rd. W., on center of N. headwall of concrete culvert; chiseled square	524.84
Alexandria, about 7.0 mi W. of; on right bank of Mississippi River; about 800 meters SW. of Fox River, on top of bluff about 150 meters back of Hwy. 61, about 0.75 mi below where 61 crosses Fox River, on property of Mr. Burk; Mark is on a small mound on the highest ground in the vicinity, 200 meters (paced) above the lower line of Burk's farm, about 150 meters below rd. coming in from the E., and 35.4 meters back of the fence which runs along brow of the hill. Station is marked by a hole in the stone post 6 in. square, top of which is 6 in. above ground. (USGS triangulation station Fox River)	635.546
T. 64 N., R. 6 W., in NW $\frac{1}{4}$ sec. 17, 20 ft N. and 35 ft E. from jct. of rd. E.; on center of N. headwall of concrete culvert; chiseled square	515.57
T. 64 N., R. 6 W., on line between secs. 19 and 20, 95 ft S. and 12 ft W. from jct. of rd. W., at NW. end of concrete bridge; on inside curb; chiseled square	529.78
T. 64 N., R. 6 W., in center sec. 29, 38 ft N. and 24 ft W. from jct. of rd. W., on center of W. headwall of concrete culvert; chiseled square	511.90

LINE 7 (Cont'd)

FEET

KAHOKA QUAD. - 307

T. 64 N., R. 6 W., about 0.2 mi W. of cor. secs. 28, 29, 32 and 33, 75 ft S. and 45 ft W. from crossroad, in concrete post; standard tablet stamped "1523 E R A 1935"	522.648
T. 64 N., R. 6 W., in sec. 32, at SW. cor. of bridge over Honey Creek, on center of concrete wingwall; chiseled square	514.45
T. 63 N., R. 6 W., near quarter cor. between secs. 4 and 5, 70 ft N. and 24 ft W. from jct. of Co. Rt. "2" on center of W. headwall of concrete culvert; chiseled square	513.41
T. 63 N., R. 6 W., in sec. 9, at SW. corner of bridge; on center of concrete wingwall; chiseled square	513.28
T. 63 N., R. 6 W., 640 ft E. of cor. secs. 9, 10, 15 and 16, 50 ft W. of hwy. at fence W., in concrete post; standard tablet stamped "1531 E R A 1935"	525.198
T. 63 N., R. 6 W., 0.1 mi W. of center sec. 15, 105 ft N. and 20 ft W. from crossroad, on center of W. headwall of concrete culvert; chiseled square	505.52

LINE 8

B. A. Barnes, 1936; B7446

KAHOKA QUAD. - 307

Medill, 2.2 mi NE. along the A.T.&SF. RR. from the overpass of State Hwy. 4 at; 11 poles SW. of milepost 261 at bridge 261 B, in the top of the NE. end of the SE. headwall; 20 ft SE. of the center SE. track and about 8 ft lower than the track; a USC&GS standard disk stamped "H 85 1935"	631.432
Kahoka, 3.0 mi N. of, 277 ft N. and 109 ft W. from A. T. & SF. RR. double track crossing; in concrete post; standard tablet stamped "TT 95 C 1936" (Reset 1940)	621.110
Kahoka, about 4.0 mi N. of, 305 ft S. and 30 ft E. from crossroad, in center of E. headwall of concrete culvert; iron pin	589.73
Top of hill, on center of E. headwall of concrete culvert; chiseled square	677.71
T. 66 N., R. 8 W., in SW $\frac{1}{4}$ sec. 25, 9 ft S. and 24 ft W. from jct. of rd. W.; on center of S. headwall of concrete culvert; chiseled square	672.40
T. 66 N., R. 8 W., in W $\frac{1}{2}$ sec. 25, 15 ft S. and 21 ft W. from crossroad, on center of S. headwall of concrete culvert; chiseled square	694.09

LINE 9

F. Y. Brown, 1937; Book B7482

KAHOKA QUAD. - 307

Revere at, on the A.T. & SF. RR., at a street crossing W. of the station, 25 ft W. of the center of Street, 13 ft N. of the center of N. track, 8 ft W. of a crossing-warning sign, and level with the track, a USC&GS standard disk stamped "L 85 1935" and set in top of a concrete post	678.358
Revere, 185 ft W. of W. cor. of A.T. & SF. RR. station, 35 ft E. of rd., 3 ft N. and 8 ft E. from fence corner, in concrete post; standard tablet stamped "TT 96 C 1936"	680.074
Revere, 3.0 mi SE. of, near W. sixteenth cor. between secs. 2 and 35, Tps. 65 and 66 N., R. 7 W., 52 ft W. of rd. fork E., 2 ft S. of fence, in concrete post; standard tablet stamped "TT 97 C 1936" (reported destroyed)	696.549
Tps. 65 and 66 N., R. 7 W., on line between secs. 1 and 36; in barnyard of R. D. Bogguss, 75 ft S. of rd., on NE. corner of concrete windmill platform; chiseled square	690.02

LINE 9(Cont'd)

FEET

KAHOKA QUAD. 307

St. Francisville, 2.0 mi NW. of, in NE $\frac{1}{4}$ sec. 6, T. 65 N., R. 6 W., 70 ft S. of T-rd.
N., in concrete post; standard tablet stamped "TT 98 C 1936" 669.221

St. Francisville, 38 ft N. and 48 ft W. from NW. cor. of schoolyard, 42 ft S. of street,
2 ft E. of fence corner, in concrete post; standard tablet stamped "TT 99 C 1936" 543.352

St. Francisville, 3.0 mi SE. of, near quarter cor. between secs. 15 and 22, T. 65 N.,
R. 6 W., 2 ft N. and 28 ft E. from rd. at fences E.-W.; 2 ft N. and 8 ft E. from
fence corner, in concrete post; standard tablet stamped "TT 100 C 1936" 503.298

LINE 10

F. Y. Brown, 1937: B7482

KAHOKA QUAD. 307

T. 64 N., R. 8 W., near cor. secs. 23, 24, 25 and 26, 450 ft W. of T-rd. W.; 15 ft N.
of rd., 12 ft E. of private rd. N., in fence line, in concrete post; standard tablet
stamped "16 B 1936" 605.561

T. 64 N., R. 8 W., in NW. cor. sec. 25, on S. pier at W. end of bridge over Wyaconda
River, on top of bolt head; chiseled square 587.76

T. 64 N., R. 7 W., near cor. secs. 21, 22, 27 and 28, 440 ft E. of T-rd. S.; 15 ft S.
of rd., on S. end of E. abutment of steel and concrete bridge over Honey Creek;
chiseled square 597.67

T. 64 N., R. 7 W., near N. sixteenth cor. sec. 26, 17 ft S. and 26 ft E. from T-rd. W.;
7 ft E. of fence corner, in concrete post; standard tablet stamped "TT 109 C 1936" 638.946

T. 64 N., R. 7 W., near quarter cor. between secs. 23 and 24, 430 ft W. of T-rd.
N., 80 ft N. of rd. on top of SE. corner of concrete well top; chiseled square 646.99

Station is located 13.0 mi SW. of Keokuk, about 5.0 mi S. of Wayland, in the SW $\frac{1}{4}$ sec.
13, T. 64 N., R. 7 W., on land owned and occupied by Mrs. Dorthy Dukes. The mark is
set in a small garden plot directly E. of a chicken house and enclosure, 36 ft W.
of the center of the rd., 19 ft NNE. of a 16 in. pine tree; mark projects 14 in.
USC&GS Triangulation Station "DUKES" 695.068

Reference mark 1 is N. of the station in the SW. cor. of rd. intersection, it is
27 ft S. of the center of E.-W. rd. and 30 ft W. of center of N.-S. rd.; projects 8 in. 674.919

Reference mark No. 2 "DUKE" (described in line 4) 693.737

T. 64 N., R. 6 W., in NE $\frac{1}{4}$ sec. 18, on S. pier at W. end of steel bridge over Sugar
Creek, on top of bolt head; chiseled cross 521.93

T. 64 N., R. 6 W., near N. sixteenth cor. between secs. 17 and 18, 15 ft S. and 24 ft
W. from U.S. Hwy. 61 at rd. W.; on center of S. headwall of concrete culvert; chiseled
square 527.45

ISOLATED BENCH MARKS

T. 63 N., R. 6 W., in NE $\frac{1}{4}$ sec. 4, in SE. cor. of stone foundation of schoolhouse; standard
tablet stamped "538 A" 535.117

T. 64 N., R. 6 W., in NE $\frac{1}{4}$ sec. 8, at crossroads, in stone step at W. door of Fox River
Church; aluminum tablet stamped "533A" 532.562

ISOLATED BENCH MARKS (Cont'd)

FEET

Antioch, in SW $\frac{1}{4}$ sec. 20, T. 64 N., R. 7 W., in NW. corner of store bldg., standard tablet stamped "698 A"	697.594
Kahoka, at SW. cor. of courthouse, in window ledge; aluminum tablet stamped "704 A"	704.927
Kahoka, 1.0 mi W. and 1.5 mi S. from, cor. secs. 25, 26, 35 and 36, T. 65 N., R. 8 W., 59 ft S. and 20 ft W. from crossroads, 2 ft W. of fence, in concrete post; standard tablet stamped "TT 113 C 1936"	697.410