

THIRD-ORDER LEVELS
SEA LEVEL DATUM OF 1929

FINAL ADJUSTMENT 1967

Wapello and Davis Counties

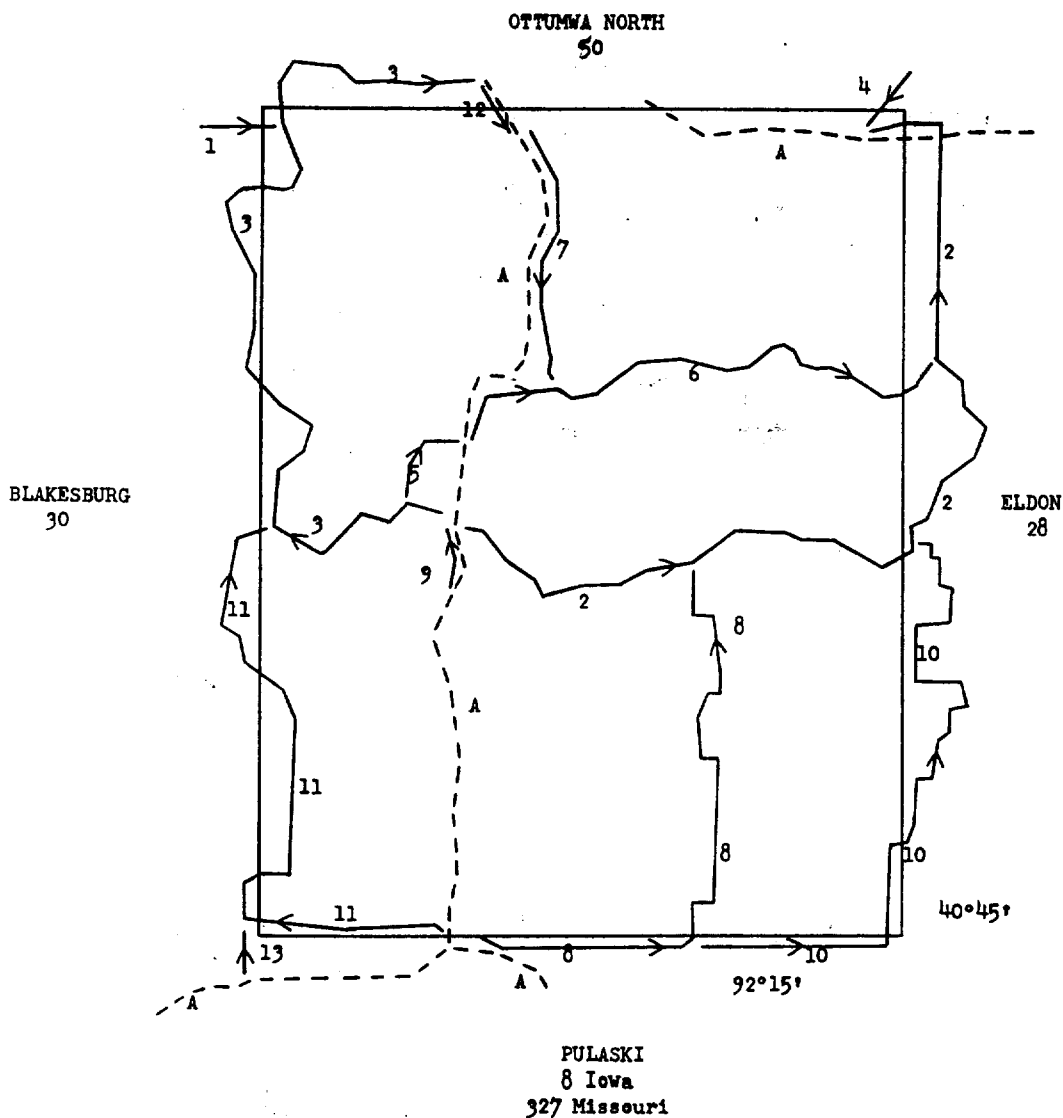
EDITION: OF 5/15/67

PR: EBF/ VN/sb

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OTTUMWA SOUTH QUADRANGLE

29 - Iowa
N4045-W9215/15
Diagram NK15511
Centerville, Iowa
Iowa - Missouri



2
OTTUMWA SOUTH QUADRANGLE
29 - Iowa

Feet

LINE 1.

EAST AT NORTHWEST CORNER OF QUADRANGLE (By H. Kablesh 1966; Book CV 2086)

BLAKESBURG QUAD. - 30

2 4	17.8	Reference mark, 30 ft S. and 100 ft E. of BM; 15 ft E. and 30 ft N. of E.-W. rd at drive N. to church; painted square on E. end of outvert	873.02
4	17.8	BM; Blakesburg; about 4.5 mi E and 1.5 mi N. of; at $E\frac{1}{4}$ between secs. 2 and 35, T. 71 and 72 N., R. 15 W; at W. side of concrete step at S. entrance to Pleasant Home Methodist Church, standard tablet stamped "15 HK 1966"	877.867
5	18.0	UE 15 A; about 0.3 mi E. of BM, at cor. of secs. 1, 2, 35 and 36, Tps. 71 and 72 N., R. 15 W., center of T-rd. S.	880.2
5	18.6	UE 15 B; about 0.8 mi E. of BM; at approximate center between secs. 1 and 36, Tps. 71 and 72 N., R. 15 W; chiseled square at center of T-rd. N.	872.12
6	19.1	UE 15 C; about 1.3 mi E. of BM; at cor. of secs. 1, 6, 31 and 36, Tps. 71 and 72 N., R. 14 and 15 W.; chiseled square at center of T-rd. S.	826.35
7	19.9	UE 15 D; about 2.0 mi E. of BM; at approximate $E\frac{1}{4}$ between secs. 6 and 31, tps 71 and 72 N., R. 14 W; chiseled square at field entrance N.-S.	751.27
8	20.3	UE 15 E; about 2.5 mi E. of BM; at approximate $W\frac{1}{4}$ between secs. 5 and 32, Tps. 71 and 72 N., R. 14 W. chiseled square at center of T-rd. S.	767.87

OTTUMWA SOUTH QUAD. - 29

9	20.8	Ottumwa, 2.0 mi S. and 4.25 mi W. of; about 0.2 mi E. of quarter cor. between secs. 5 and 32, Tps. 71 and 72 N., R. 14 W.; 63 ft S. and 317 ft W. of T-rd. N., 63 ft S. and 120 ft E. of private drive S., 63 ft S. and 74 ft E. of center of rd. at 4 ft x 4 ft culvert under road; in concrete post, standard tablet stamped "112 RC 1955, RESET 1958"	779.957
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LINE 2.

FROM CENTER OF QUADRANGLE, EAST TO EAST BORDER, THENCE NORTH (last half of line leveled twice, partly by M. V. Thompson and partly by R. E. Carey) (By M. V. Thompson, 1955; Book CV 594)

OTTUMWA SOUTH QUAD. - 29

0.0	About 3.5 mi N. along the Wabash RR from Belknap, Davis County, about 0.3 mi SE. of milepost 267, near bridge 2178-C, at a private rd. crossing, 40 ft SW. of the center of the rd., 32 ft E. of the center of the track, and 5 ft SE. of a pole, a USC&GS standard disk stamped "717.725 F 7 1930" and set in the top of a concrete post	717.761
0.4	UE, spike in power pole, 50 ft E. of rd. at fence cor. near two story white house	783.80
0.6	UE, 1-in. iron rod at W. post wire gate 30 ft N. of T-rd. S.	805.1
1.0	UE, spike in power pole, 30 ft N. of rd., 300 ft E. of barn	830.77
1.1	UE, spike in power pole, 40 ft NE. of T-rd. W.	816.28
1.5	UE, spike in power pole, 20 ft W. of rd., 500 ft S. of white house	790.99
2.0	Reference mark, spike in transformer power pole, 70 ft NE. of tablet	833.98

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 2. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

2.0	Floris, 4.0 mi W. of, 0.5 mi W. and N., along a dirt rd. from a T-rd. W., on Hwy. 63 near the center of the S $\frac{1}{2}$ sec. 18, T. 70 N., R. 13 W., at a small white house on W. side of rd., 64 ft N. of center of driveway to house, 17 ft W. of rd., 2 ft E. of fence line, 12 ft S. of locust tree, in a concrete post; a standard tablet stamped "1 MT 1955 831 T T"	831.517
2.5	UE, spike in guyed power pole S. side of dirt rd., 150 ft W. of T-rd. W.	845.81
3.1	UE, spike in power pole 300 ft N. of "Dairy Drive-In" and 70 ft W. of Hwy. 63	843.49
3.6	UE, spike in power pole, 200 ft NW. of T-rd. S.	822.38
4.0	Reference mark, spike in telephone pole, 500 ft SW. of tablet	826.69
4.1	Floris, 2.7 mi W. of, along gravel rd., 394 ft W. of a T-rd. S. near the center of N $\frac{1}{2}$ of sec. 20, T. 70 N., R. 13 W., 36 ft N. of center of rd., 2 ft N. of fence, 1 ft NE. of telephone pole, in a concrete post; a standard tablet stamped "2 MT 1955 833 TT"	833.537
4.6	UE, spike in power pole, 40 ft S. of rd., and 300 ft E. of barn	832.52
5.2	UE, spike in power pole, 30 ft S. of rd., 150 ft W. of white house	796.87
5.7	UE, spike in transformer power pole, 50 ft S. of rd., 500 ft W. of T-rd. N.	666.35
6.3	UE, spike in power pole, 40 ft N. of rd., and 50 ft SW. of white house	753.71
6.7	Reference mark, spike in power pole, 125 ft W. of tablet, 30 ft S. of rd.	722.57
6.7	Floris, at W. Village limits of, at NE. cor. of Jacob Glattfelder's yard, 383 ft W. of T-street N., 43 ft S. of center of street, 1 ft N. of fence cor. in a concrete post; a standard tablet stamped "3 MT 1955 719 TT"	718.893
7.3	UE, spike in power pole, 40 ft N. of rd., 200 ft NW. of white stucco house	689.54
7.9	UE, spike in power pole, 40 ft SW. of driveway S., into cemetery	699.98
8.5	UE, spike in telephone pole, 30 ft S. of rd., 200 ft SE. of small pond	741.10
8.7	Reference mark, spike in power pole, 35 ft S. of rd., 400 ft E. of crossroad and 400 ft W. of tablet	779.83
8.8	Floris, 1.7 mi E. of, 772 ft E. of a crossroads, near the N $\frac{1}{4}$ cor. sec. 13, T. 70 N., R. 13 W., 33 ft S. of center of rd., 35 ft W. of fence cor., 4 ft NW. of power pole, in a concrete post; a standard tablet stamped "4 MT 1955 778 TT"	778.308
9.3	UE, spike in transformer power pole, 40 ft S. of rd., at a two story house	799.27
9.3	UE, spike in power pole, 40 ft N. of rd., 300 ft W. of T-rd. N.	786.71
10.4	UE, spike in power pole, 40 ft S. of rd., 400 ft E. of house	771.30
11.0	Reference mark, spike in power pole, 60 ft SW. of crossroad, 400 ft S. of tablet	660.61
11.0	Floris, 3.5 mi E. of along winding gravel rd., near the center of sec. 17, T. 70 N., R. 12 W., 265 ft N. of crossroads, 43 ft W. of center of rd., 2 ft W. of fence, 2 ft SW. of power pole, in a concrete post; a standard tablet stamped "5 MT 1955 653 TT"	653.352
11.6	UE, spike in power pole, 50 ft SE. of T-rd. S.	769.69

OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 2. (Cont'd.)

Feet

ELDON QUADRANGLE - 28

12.2	UE, spike in transformer power pole, 30 ft N. of rd., 200 ft NE. of house	800.54
12.7	UE, spike in fence post, 100 ft S. of T-rd. S.	806.70
13.3	UE, 1-in. pipe, 15 ft E. of rd. at center of curve	778.77
13.9	Reference mark, spike in transformer power pole, 50 ft W. of rd., 100 ft W. of tablet	772.48
13.9	Eldon, 2.5 mi S., and 1.0 mi W. of, in the NE $\frac{1}{4}$ sec. 9, T. 70 N., R. 12 W., at the NE. cor. of yard at David Sloan farm residence, 38 ft S. of center of rd., 3 ft W. of telephone pole, 1 ft W. of fence cor. at N. end of white board fence, in a concrete post; a standard tablet stamped "6 MT 1955 772 TT"	771.749
14.5	UE, spike in telephone pole, 40 ft E. of rd., 40 ft NW. of red barn	780.09
15.0	UE, spike in power pole, 50 ft S. of rd., 50 ft NW. of white house	645.66
15.6	UE, spike in telephone pole, 40 ft NE. of rd., 100 ft NE. of T-rd. W.	612.07
16.2	Reference mark, copper nail and washer in NE. cor. of steel truss bridge	614.41
16.4	Eldon, 1.0 mi S. of, near quarter cor. secs. 34 and 35, T. 71 N., R. 12 W., 0.2 mi NW. along gravel rd., from steel bridge over Soap Creek, 41 ft SW. of center of rd., 29 ft E. of E. cor. of small un-painted house, 1 ft S. of telephone pole, in a concrete post; a standard tablet stamped "7 MT 1955 614 TT"	614.183
17.2	UE, center of rd. at private drive W. to white house	616.3
17.8	UE, copper nail and washer in center of plank at SW. end of bridge over Des Moines River at Eldon	623.386
18.4	UE, RR. spike in telephone pole, 40 ft E. of rd., 200 ft SW. of white house near W. city limits of Eldon	654.32
19.0	Reference mark, spike in telephone pole, 40 ft S. of rd., 100 ft SE. of EM	669.29
19.1	Eldon, 1.0 mi N. and 1.0 mi W. of, near the cor. secs. 21, 22, 27 and 28, T. 71 N., R. 12 W., in SW. cor. of yard of Robert McAllister farm residence, 145 ft NE. of T-rd. N., 32 ft N. of center of rd., 50 ft W. of sidewalk, 44 ft SW. of SW. cor. of house, in a concrete post; a standard tablet stamped "8 MT 1955 663 TT"	663.290
19.7	UE, chiseled square in center of E. headwall at a concrete culvert	655.91
20.2	UE, spike in power transformer pole, 50 ft N. and 30 ft E. of center line of rd., at private drive E.	744.30
20.9	UE, spike in power pole, 30 ft N. of rd., 100 ft W. of sharp curve and 500 ft S. of house	782.81
21.3	Reference mark, spike in power pole, 75 ft S., and 50 ft E. of center of rd. at "T-rd. W., 550 ft SE. of tablet	788.60
21.4	Eldon, 3.0 mi N., and 1.0 mi W. of, near the N. 1/16 cor. secs. 15 and 16, T. 71 N., R. 12 W., 510 ft N. of a Y-rd. NW., 49 ft W. of center of State Hwy. 16, 1 ft E. of fence, 1 ft SW. of power pole, in a concrete post; a standard tablet stamped "9 MT 1955 788 TT"	788.167

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 2. (Cont'd.)

Feet

ELDON QUAD. - 28

22.0	UE, copper nail and washer in center of hwy. at center of culvert	766.50
22.4	UE, copper nail and washer at center of crossroads	794.84
22.9	Reference mark, spike in power pole, 200 ft S. of tablet, 70 ft E. of hwy.	797.08
22.9	Eldon, 4.5 mi N., and 1.0 mi W. of, 237 ft S. of a crossroads, at the quarter cor. secs. 3 and 4, T. 71 N., R. 12 W., 70 ft E. of center of Hwy 16, 1 ft W. of fence, 2 ft E. of power pole, in a concrete post; a standard tablet stamped "10 MT 1955 798 TT"	798.208
23.8	UE, copper nail and washer at center of RR. crossing	804.74
24.1	UE, copper nail and washer at center of crossroads	800.21

OTTUMWA SOUTH QUAD. - 29

24.6	UE, copper nail and washer in center of rd. at fence S.	800.72
26.0	2.1 mi E. along the Chicago, Burlington and Quincy RR. from the station at Agency City, Wapelle Co., at a rd. crossing, 78 ft N. of the center of the N. track, 24 ft W. of the center of the rd., 4 ft SW. of a fence cor., 1 ft S. of the fence, and level with the track, a USC&GS standard disk stamped "C 124 1935" and set in the top of a concrete post (Recovered in good condition)	797.964

LINE 3.

FROM CENTER OF QUADRANGLE, WEST TO WEST BORDER, THENCE NORTH (By R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. - 29

0.0	USC&GS standard disk stamped "717.725 F 7 1930" (described in Line 2.)	717.761
1.0	UE, T. 70 N., R. 14 W., in the SW. quarter of sec. 12, center of RR. crossing copper nail and washer	691.10
1.6	UE, T. 70 N., R. 14 W., near E. 1/16 cor. of sec. 11, center of rd. at small drain	703.3
2.1	Reference mark, about 80 ft SW. of tablet, 45 ft S. center of rd., at farm yard gate in root on NW. side of a 24-in. pine tree; copper nail and washer	743.74
2.0	Floris, 1.0 mi N., and 5.75 mi W. of, 37 ft N., and 291 ft E. of T-rd. N., which is near W. central 1/16 cor. of sec. 11, T. 70 N., R. 14 W., 37 ft N. and 25 ft W. of rd. at private drive S., 1 ft S. and 3 ft W. of the SW. cor. of barn yard, in concrete post; standard tablet stamped "105 RC 1955 741"	740.893
2.1	Center of rd. at T-rd. N., 37 ft S., and 291 ft W. of tablet	741.4
2.5	UE, T. 70 N., R. 14 W., near quarter cor. between secs. 10 and 11, near E. end curve at private drive N.	790.9
2.9	UE, T. 70 N., R. 14 W., in the SE. quarter sec. 10, center of rd. forks	830.2
3.3	UE, T. 70 N., R. 14 W., in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 10, N. point of grassy triangle formed by rd. forks.	761.0

OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 3.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

3.6	Reference mark, about 210 ft NE. of tablet, 22 ft E. center of rd., in W. side of cor. cross-tie fence post, on the head of a rail spike	816.05
3.6	Floris, 0.25 mi N., and 6.75 mi W. of, in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of sec. 15, T. 70 N., R. 14 W., 165 ft N. and 36 ft W. of a T-rd. NW., 9 ft N. of a 12-in. oak tree, in concrete post; a standard tablet stamped "106 RC 1955 823"	823.448
3.6	Center of rd. at T-rd. NW., 165 ft S., and 36 ft E. of tablet	825.7
4.2	Center of rd. at private drive N., 40 ft S., and 40 ft E. of UE	719.4
4.2	UE, T. 70 N., R. 14 W., in the SE. cor. of sec. 9, 40 ft N. and 40 ft E. of private drive N., in W. side of a 8-in. twin cottonwood tree, Rail spike	712.17
4.9	UE, T. 70 N., R. 14 W., about 0.15 mi E. quarter cor. between secs. 9 and 16, at hair pin curve in creek and on the E. bank in forks, on NW. side of a 6-in. twin basswood tree; a copper nail and washer	705.53
5.3	UE, T. 70 N., R. 14 W., in the NW. cor. of sec. 16, about 300 ft SE. of rd. cor. center of rd. at rd. NE.	744.95
5.8	Center of E.-W. rd. at T-rd. N.; 23 ft N. and 122 ft E. of 107 RC	754.3
5.8	Reference mark, about 120 ft NE. of tablet, 30 ft N. and 20 ft W. of center of rd. at T-rd. N., in root on SW. side of a 5-in. elm tree; copper nail and washer	755.06
5.8	Floris, 0.5 mi N., and 8.5 mi W. of, 3.0 mi E. of Ash Grove, 23 ft S., and 122 ft W. of a T-rd. N., which is near quarter cor. between secs. 8 and 17, T. 70 N., R. 14 W., 1.0 ft N. of fence line, in concrete post; standard tablet stamped "107 RC 1955 757" (Not found 8/65 RFD)	756.768
6.4	UE, T. 70 N., R. 14 W., near the center of sec. 8, rd. angle at drive E., to barn yard.	858.1
7.0	UE, T. 70 N., R. 14 W., in the SW. cor. of sec. 5, center of rd. at T-rd. SE.	874.8
7.9	UE, T. 70 N., R. 14 W., in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec. 5, center of rd. at private drive N., and field entrance S.	856.1
8.7	Ash Grove, 2.0 mi N., and 3.5 mi E. of, 8.0 mi S., and 4.0 mi W. of Ottumwa, probably near Wapello-Davis Co. Line, about 0.15 mi E. of the S. cor. of secs. 32 and 33, T. 71 N., R. 14 W., near top of steep grade out of creek bottom at rd. angle, 9 ft S., and 38 ft W. of rd., at field entrance E. and W., 1 ft E. of fence line, in concrete post; a standard tablet stamped "108 RC 1955 845"	844.490
9.2	UE, T. 71 N., R. 14 W., about 0.2 mi E. quarter cor. between secs. 32 and 33, center of bridge over large creek, chiseled square, on concrete floor	721.19
9.3	UE, T. 70 N., R. 14 W., near the center of the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of sec. 33, at Ormanville School, center of crossroads	744.2
9.5	UE, T. 71 N., R. 14 W., in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 32, center of bridge, copper nail and washer	720.60
10.2	UE, T. 71 N., R. 14 W., near the center of the NW $\frac{1}{4}$ sec. 32 S. point of grass at rd. forks	860.0

LINE 3. (Cont'd.)

OTTUMWA SOUTH QUAD. - 29

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| 10.2 | T. P., 100 ft N. of UE, 18 ft E. center of road leading N., in knot on NW. side of cor. fence post, about 2.0 ft above ground; copper nail and washer | 861.40 |
| 10.6 | UE, T. 71 N., R. 14 W., near cor. secs. 29, 30, 31 and 32, center of bridge copper nail and washer | 748.96 |

BLAKESBURG QUAD. - 30

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| 11.1 | Center of rd. at T-rd. W., 141 ft S., and 18 ft W. of 109 RC | 862.7 |
| 11.1 | Reference mark about 120 ft SW. of tablet, 30 ft N., and 15 ft W. of T-rd. W. in root on W. side of a large oak tree; copper nail and washer | 863.27 |
| 11.1 | Ottumwa, 7.0 mi S., and 5.5 mi W. of, 141 ft N. and 18 ft E. of a T-rd. W., which is near quarter cor. between secs. 30 and 31, T. 71 N., R. 14 W., 41 ft N., of a 18-in. oak tree, 1 ft W. of fence line, in concrete post; standard tablet stamped "109 RC 1955 865" (Not found 10-66 DDB) | 865.132 |
| 11.4 | UE, T. 71 N., R. 14 W., in the SE $\frac{1}{4}$ sec. 30, in NE. cor. of wooden floor of bridge copper nail and washer | 746.82 |
| 11.5 | Center of rd. at drives SE.-NW., in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec. 30, T. 71 N., R. 14 W. | 778.3 |
| 12.2 | UE, T. 71 N., R. 14 W., about 0.25 mi W. cor. secs. 19, 20, 29, and 30, center of rd. at T-rd. S. | 848.4 |
| 12.4 | UE, T. 71 N., R. 14 W., near cor. secs. 19, 20, 29, and 30, center of rd. at T-rd. N. | 847.3 |
| 13.4 | UE, T. 71 N., R. 14 W., about 0.15 mi N., quarter cor. between secs. 19 and 20 on NE. cor. of concrete floor of bridge, chiseled square | 753.02 |
| 13.6 | Center of rd. at old T-rd. E., 280 ft S., and 22 ft E. of 110 RC | 814.0 |
| 13.6 | Ottumwa, 5.0 mi S., and 5.0 mi W. of, about 0.2 mi N., cor. secs. 17, 18, 19 and 20, T. 71 N., R. 14 W., 280 ft N., and 22 ft W. of an old T-rd. E., 22 ft W., and 0.4 ft higher than the center of the rd. at crown of hill, 1 ft E. of fence line, on concrete post; a standard tablet stamped "110 RC 1955 839" (Not found 10/66 DDB) | 839.124 |
| 14.2 | UE, T. 71 N., R. 14 W., near N. 1/16 cor. between secs. 17 and 18, center of rd. at T-rd. S. | 868.0 |
| 14.7 | UE, T. 71 N., R. 14 W., near N. central 1/16 cor. of sec. 18, center of rd. forks at rd. N. | 866.4 |
| 15.0 | Center of rd. at T-rd. N., 60 ft S., and 30 ft E. of UE | 860.8 |
| 15.0 | UE, T. 71 N., R. 14 W., about 0.1 mi W. quarter cor. between secs. 7 and 18, 60 ft N., and 30 ft W. of T-rd. N., in root on S. side of a 18-in. elm tree; copper nail and washer | 858.98 |
| 15.9 | Reference mark, about 160 ft SE. of tablet, 30 ft E., center of rd., in W. side of a power line pole; on the head of a rail spike | 862.79 |
| 15.9 | Ottumwa, 3.3 mi S., and 5.5 mi W. of, about 0.3 mi S., quarter cor. between secs. 6 and 7, T. 71 N., R. 14 W., 186 ft S., and 22 ft W. of a T-lane W., 50 ft N. and 22 ft W. of a field rd. E., 13 ft N., and 1 ft E. of cor. post of T-fence N., in concrete post; standard tablet stamped "111 RC 1955 862" | 861.548 |

OTTUMWA SOUTH QUADRANGLE

29 - Iowa

LINE 3. (Cont'd.)FeetBLAKESBURG QUAD. - 30

- 15.9 Center of rd. at T-lane W., 186 ft N., and 22 ft E. of tablet 850.2
- 16.2 Ottumwa, 3.0 mi S., and 5.5 mi W. of near quarter cor. between secs. 6 and 7 T. 71 N., R. 14 W., 50 ft W. of center of curve at rd. cor., 16 ft S. of a T-lane W., 6 ft S., and 4 ft W. of fence cor. in concrete post; standard USGS tablet stamped "PRIM TRAV STA NO 11 MAC 1923 858" 857.621
- 16.3 UE, T. 71 N., R. 14 W., about 0.2 mi E., quarter cor. between secs. 6 and 7, center of E.-W. rd., in line with rd. N. 830.9
- 16.6 Rd. cor. at drive NW., in the SE $\frac{1}{4}$ of sec. 6, T. 71 N., R. 14 W. 850.5

OTTUMWA SOUTH QUAD. - 29

- 17.2 UE, T. 71 N., R. 14 W., near line between secs. 5 and 6, center of rd. at small drain 782.9
- 17.4 UE, T. 71 N., R. 14 W., in the NW $\frac{1}{4}$ of sec. 5, center of steel bridge, copper nail and washer 735.60
- 17.6 UE, Tps. 71 and 72 N., R. 14 W., near W. 1/16 cor. between secs. 5 and 32, center of rd. at T-rd. S. 764.8
- 18.1 Reference mark, about 100 ft W. of tablet, 30 ft S., center of rd., on S. end concrete pipe culvert; chiseled square 766.46
- 18.1 Ottumwa, 2.0 mi S. and 4.25 mi W. of, about 0.2 mi E., quarter cor. between secs. 5 and 32, Tps. 71 and 72 N., R. 14 W., 63 ft S., and 317 ft W. of a T-rd. N., 63 ft S., and 120 ft E. of a private drive S., 63 ft S. and 74 ft E. of center of 4 ft x 4 ft concrete culvert under rd., in concrete post; a standard tablet stamped "112 RC 1955 780 RESET 1956" 779.957
- 18.1 Center of rd. at T-rd. N. 779.3
- 18.8 UE, T. 72 N., R. 14 W., about 0.2 mi E. of the center of sec. 32, center of crossroads 847.2
- 18.8 T. P., about 85 ft N., and 12 ft W. of crossroads, in top of a 6-in. stump; copper nail and washer 846.56

OTTUMWA NORTH QUAD. - 50

- 19.5 UE, T. 72 N., R. 14 W., in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec. 29, about 200 ft NE. of SW. end rd. angle, 32 ft N., and 75 ft W. of crown of hill at field drive S., in root on SE. side of an 18-in. oak tree; copper nail and washer 793.78
- 19.5 Crown hill at field drive S., 32 ft S., and 75 ft E. of UE 796.2
- 19.7 UE, T. 72 N., R. 14 W., in SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 29, near foot of steep grade, center of stock underpass at small drain 684.0
- 19.8 Center of steel bridge, near quarter cor. between secs. 28 and 29, T. 72 N., R. 14 W. 673.4
- 20.2 Centerline Hwy. 34, in line with rd. S., painted square, 60 ft S., and 285 ft E. of 113 RC 727.8
- 20.2 Ottumwa, 4.0 mi W. of, on Hwy 34, about 0.25 mi S. cor. secs. 20, 21, 28 and 29, T. 72 N., R. 14 W., 60 ft S., and 285 ft W. of center of Hwy. 34 at crossroads, 2.0 ft N., and 5.0 ft W. of cor. post of T-fence S., 3.0 ft E. of telephone pole, in concrete post; standard tablet stamped "113 RC 1955 727" 726.310

9
OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 3. (Cont'd.)

Feet

OTTUMWA NORTH QUAD. - 50

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| 21.0 | UE, T. 72 N., R. 14 W., in the NE $\frac{1}{4}$ of sec. 28, center of Hwy 34, at rail crossing; copper nail and washer | 677.18 |
| 21.3 | UE, T. 72 N., R. 14 W., in the NW $\frac{1}{4}$ of sec. 27, center of steel bridge, painted square | 663.9 |
| 21.6 | Center of Hwy. 34 at rd. SW., about 0.3 mi W. of the center of sec. 27, T. 72 N., R. 14 W. | 682.1 |
| 21.9 | UE, T. 72 N., R. 14 W., near the center of sec. 27, center of Hwy. 34 at sky line drive S.; painted square | 753.2 |
| 22.3 | Reference mark, about 100 ft W. of tablet, 35 ft S., center of Hwy 34, on NE. cor. of top step at entrance of yard; painted square | 709.11 |
| 22.3 | Ottumwa, at W. edge of, on U.S. Hwy. 34, probably near quarter cor. between secs. 26 and 27, T. 72 N., R. 14 W., 28 ft S., and 329 ft W. of the center of Hwy 34, at Wildwood Drive, at the NW. cor. of the Wooden Shoe Motel, and at the NE. cor. of a hedge fence, in concrete post; a standard tablet; stamped "114 RC 1955 707" 706.911 | |
| 22.8 | UE, T. 72 N., R. 14 W., probably near center of sec. 26, center of Hwy. 34, at Quincy Ave. N., painted square on man hole cover | 658.2 |
| 23.7 | Ottumwa, at W. cor. of junction of Hwy 63 (short cut), and 34, 1.5 ft S. of Church St. and Richmond Ave., St. marker on N. edge concrete walk; chiseled square | 645.24 |
| 24.2 | City BM # 34, cross on top of E. end of concrete wall between Vine St. and John Deer parking lot entrance at Vine and Madison (Desc. & elev. by USGS) | 642.302 |
| 24.7 | At Ottumwa, Wapello County, at the Wabash Railway Bridge over Des Moines River, in top of the W. end of the middle pier, and between the track and the bridge truss, a USC&GS standard disk stamped "644.776 A 7 1930" | 644.776 |

LINE 4.

SOUTHWEST IN NORTHEAST PORTION OF QUAD (R. E. Carey, 1955; Book CV 692)

PACKWOOD QUAD. - 49

- | | | |
|------|---|---------|
| 10.9 | Blandensburg, 3.0 mi S. of, 0.5 mi N., and 3.5 mi E. of Agency, 377 ft N., and 40 ft W. of rd. at E.-W. fence line which is near cor. secs. 27, 28, 33 and 34, T. 72 N., R. 12 W., 51 ft S., and 19 ft E. of the SE. cor. of school house, 4 ft N. of telephone pole, at SE. cor. of school yard, in concrete post; standard tablet stamped "124 RC 1955 783" | 782.903 |
| 10.9 | Center of rd. at E.-W. fence line, 377 ft S. and 40 ft E. of 124 RC | 784.4 |

OTTUMWA SOUTH QUAD. - 29

- | | | |
|------|--|---------|
| 12.4 | T. 72 N., R. 12 W., near quarter cor. between secs. 32 and 33, center of Hwy. 34 at drive N., to barn yard; copper nail and washer | 803.76 |
| 13.4 | USC&GS standard disk stamped "C 124 1935" (Previously described in Line 2.) | 797.964 |

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

Feet

LINE 5.

NORTH NEAR CENTER OF QUADRANGLE, (by R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. - 29

- 0.0 UE, 691.1(described in Line 3.) 691.10
- 0.4 UE, T. 70 N., R. 14 W., about 0.25 mi E. quarter cor. between secs. 11 and 12, center of steel truss of bridge, (23.1 ft above water level 8-16-55); copper nail and washer in cross tie 693.17
- 1.1 UE, T. 70 N., R. 14 W., in the SW $\frac{1}{4}$ of sec. 1, center of RR. at a short T-fence W., nail and washer in crosstie 688.86
- 1.4 At Carbon, on the Wabash Railway, about 900 ft S. of the section house, about 128 ft S. of milepost 10, at a rd. crossing about 15 ft N. of the center of the rd. and 12 ft E. of the center of the track, a USC&GS standard disk stamped "691.370 E 7 1930", and set in the top of a concrete post 691.396

LINE 6.

GENERALLY EAST NEAR CENTER OF QUADRANGLE (By R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. - 29

- 0.0 USC&GS standard disk stamped "E 7 1930"(described in Line 5.) 691.396
- 0.7 UE, T. 70 N., R. 14 W., in the NE. cor. of sec. 1, about 300 ft S. of Wapello-Davis County Line, 36 ft W. center of Hwy. 63, 33 ft E. center of dirt rd. W., in root on NE. side of a 30-in. oak tree; copper nail and washer 821.65
- 1.8 UE, T. 71 N., R. 14 W., on line between secs. 25 and 36, center of Hwy 63 at T-rd. E.; copper nail and washer 829.31
- 2.5 UE, T. 71 N., R. 13 W., about 0.1 mi W., quarter cor. between secs. 30 and 31, low point in rd. over drain 745.1
- 3.2 Center of rd. at T-rd. W., 162 ft N., and 48 ft E. of Station 24 693.3
- 3.2 Reference mark, 100 ft E. of tablet, 90 ft S., and 150 ft SW. of T-rd. W. on NE. cor. of lower concrete step of school house; chiseled square 694.71
- 3.2 Ottumwa, 7.0 mi S., and 1.0 mi E. of, near cor. secs. 29, 30, 31 and 32, T. 71 N., R. 13 W., 162 ft S. and 43 ft W. of a T-rd. W., 100 ft E. of the E. end of school house, near N. end of curve of rd., E., 4 ft N. and 7 ft E. of power pole, in concrete post; standard USC&GS & State Tablet stamped "STA No. 24", (Note: Elev. and desc. by USGS) 695.995
- 3.4 Center of bridge (16.6 ft above water level, 8-17-55), about 0.2 mi E. cor. secs. 29, 30, 31 and 32, T. 71 N., R. 13 W.; copper nail and washer 691.6
- 4.1 Center of bridge, (6.8 ft above water level, 8-17-55), about 0.15 mi W. cor. secs. 28, 29, 32, and 33, T. 71 N., R. 13 W.; a copper nail and washer 691.25
- 4.2 UE, T. 71 N., R. 13 W., near cor. secs. 28, 29, 32 and 33, center of rd. at T-rd. W. 692.1
- 4.9 UE, T. 71 N., R. 13 W., 0.2 mi N., quarter cor. between secs. 28 and 29, T. 71 N., R. 13 W., center of rd. at T-rd. S. 808.2

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 6. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

5.6	UE, T. 71 N., R. 13 W., in the NE $\frac{1}{4}$ of sec. 28, center of rd. at private drive N.	816.9
5.6	Reference mark, about 150 ft NW. of tablet, 70 ft N. center of rd. at private drive N., in root on SE. side of a 12-in. oak tree; copper nail and washer	799.81
6.0	Ottumwa, 6.2 mi S., and 3.0 mi E. of, 7.0 mi W. of Eldon, about 0.2 mi S. cor. secs. 21, 22, 27 and 28, T. 71 N., R. 13 W., 33 ft N., and 283 ft W. of a T-rd. S., 33 ft N. and 103 ft E. of a private drive N., 1 ft S. of fence line on a small knoll in concrete post; standard tablet stamped "125 RC 1955 800"	800.058
6.0	Center of rd. at T-rd. S., 33 ft S., and 283 ft E. of 125 RC	792.8
6.3	UE, T. 71 N., R. 13 W., near the center of the NW $\frac{1}{4}$ of sec. 27, center of cross-roads	797.5
6.9	UE, T. 71 N., R. 13 W., in the NE $\frac{1}{4}$ of sec. 27, center of rd. at private drive N.	791.2
7.6	UE, T. 71 N., R. 13 W., near the center of sec. 26, center of road at private rd. S.	799.6
8.0	Center of rd. at rd. S., 20 ft N., and 389 ft W. of 126 RC	797.8
8.0	Reference mark, about 160 ft E. of tablet, 18 ft S., center of rd., in root on S. side of a small elm tree; copper nail and washer	799.06
8.0	Eldon, 5.0 mi W. of, about 0.25 mi W., quarter cor. between secs. 25 and 26, T. 71 N., R. 13 W., 20 ft S., and 389 ft E. of rd. forks S., 1 ft N. of fence line, in concrete post; standard tablet stamped "126 RC 1955 800" (Reported destroyed 9-28-56, EGR)	800.154
8.9	UE, T. 71 N., R. 13 W., near quarter cor. between secs. 24 and 25, at the W. cor. of a field, 18 ft S., and about 2 ft higher than the center of rd. in the root on the NW. side of an 18-in. oak tree; copper nail and washer	728.04
9.2	UE, T. 71 N., R. 13 W., about 0.3 mi W. cor. secs. 19, 24, 25 and 30, center of bridge, (6.2 ft above water level 8-18-55); copper nail and washer	633.68
9.6	UE, T. 71 N., R. 12 W., in the NW. cor. of sec. 30, across rd. SW. of farm house, 20 ft S., center of rd., in root on N. side of a 36-in. oak tree; copper nail and washer	633.97
10.0	Center of rd. at rd. NW., about 600 ft W. of 127 RC	644.0
10.2	Reference mark, about 130 ft NW. of tablet, 45 ft N. center of rd., in root on SW. side of a 12-in. walnut tree; copper nail and washer	628.01
10.2	Eldon, 3.5 mi W. of, 39 ft S., and 544 ft W. of center of E.-W. rd., in line with rd. N., which is near the center of sec. 30, T. 71 N., R. 12 W., about 600 ft E. of a rd. NW., 39 ft S., and 38 ft E. of a private rd. S., 2 ft N. of fence line, in concrete post; standard tablet stamped "127 RC 1955 625"	624.841
10.3	Center of E.-W. rd., in line with rd. N., 39 ft N., and 544 ft E. of 127 RC	623.9
10.9	UE, T. 71 N., R. 12 W., in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 29, near the center of the NE. concrete headwall of culvert, 0.7 ft higher than center of rd., chiseled square	622.96
11.6	UE, T. 71 N., R. 12 W., in the S. central portion of sec. 29, center of rd., at T-fence S.	618.4

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 6. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

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|------|---|---------|
| 11.9 | Center of E.-W. rd. at T-rd. S., 38 ft N., and 365 ft W. of 128 RC | 620.6 |
| 12.0 | Reference mark, about 290 ft NW. of tablet, 30 ft N., and 95 ft E. of T-rd. S., in root on SE. side of a 12-in. elm tree; copper nail and washer | 617.37 |
| 12.0 | Eldon, 2.0 mi W. of, 38 ft S., and 265 ft E. of T-rd. S., which is near cor. secs. 28, 29, 32 and 33, T. 71 N., R. 12 W., 38 ft S., center of rd. at junction of E. "Y"-rd. of T-rd. S., 1 ft N. of fence line, in concrete post; standard tablet stamped "128 RC 1955 620" | 619.973 |

ELDON QUAD. - 28

- | | | |
|------|---|---------|
| 12.9 | UE, T. 71 N., R. 12 W., in the SE $\frac{1}{4}$ of sec. 28, center of rd. at field entrance SE. | 621.1 |
| 13.7 | UE, 623.451 (Previously described in Line 2) | 623.386 |

LINE 7.

SOUTH THROUGH CENTER OF NORTH PORTION OF QUADRANGLE (By R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. 29

- | | | |
|-----|--|---------|
| 0.0 | About 2.8 mi S. along the Wabash RR from Ottumwa, Wapello Co., about 1/8 mi N. of milepost 3, about 100 ft SE. of bridge 2219, 17 ft S. of the S. fence line of an E.-W. rd. fence 60 ft wide, and 46 ft NE. of the center of the track, a USC&GS standard disk stamped "638.096 B 7 1930" and set in the top of a concrete post (Recovered in good condition 8-19-55) | 638.106 |
| 0.5 | UE, T. 71 N., R. 13 W., near cor. secs. 5, 6, 7 and 8, center of RR. crossing | 649.5 |
| 1.2 | UE, T. 71 N., R. 13 W., in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec. 7, near center of RR crossing; copper nail and washer | 658.78 |
| 1.4 | Center of steel bridge, 960 ft S. of "UE 658.8" at rd. crossing, (17.8 ft above water level); copper nail and washer | 659.08 |
| 1.0 | Center of RR. crossing, 25 ft S., and 30 ft W. of 129 RC | 700.2 |
| 1.9 | Ottumwa, 4.7 mi S. of, along the Wabash RR, in the N. half of sec 18, T. 71 N., R. 13 W., 25 ft N., and 30 ft E. of RR. crossing, 2 ft W. of telephone pole, in concrete post; standard tablet stamped "129 RC 1955 704" | 703.582 |
| 1.9 | Reference mark, about 300 ft S. of tablet, in NW. end of wooden abutment of RR. bridge No. 2213; copper nail and washer | 702.83 |
| 2.4 | UE, T. 71 N., R. 13 W., in the S. half of sec. 18, center of RR. at N. end of cut; nail and washer in cross-tie | 736.54 |
| 3.1 | UE, T. 71 N., R. 13 W., in the NE $\frac{1}{4}$ of sec. 19, center of over-pass bridge over RR. 33.6 ft higher than track; copper nail and washer | 817.14 |
| 3.8 | UE, T. 71 N., R. 13 W., about 0.1 mi N. cor. secs. 19, 20, 29 and 30, NW. point of triangle formed by rd. forks at T-rd. S. | 821.4 |
| 4.4 | UE, T. 71 N., R. 13 W., about 400 ft N., quarter cor. between secs. 29 and 30, 35 ft E., center of rd. at W. edge small pond, in root on W. side of an 18-in. elm tree; copper nail and washer | 733.74 |
| 4.9 | Center of bridge about 0.15 mi N., cor. secs. 29, 30, 31 and 32; T. 71 N., R. 13 W. | 694.04 |

LINE 7.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

4.9 USC&GS and State Tablet stamped "STA. 24"(Previously described in Line 6) 695.995

LINE 8.

EAST ALONG SOUTH BORDER, THENCE NORTH THROUGH CENTER OF SOUTH PORTION OF QUADRANGLE
(by R. E. Carey, 1955, Book CV 692) PULASKI QUAD. - 8

0.0 At Bloomfield, Davis Co., at the intersection of Franklin and Madison Streets, at the courthouse, 90 ft E. of the center of Madison Street, 50 ft N. of the center of Franklin St., 78 ft W. of a sidewalk leading to the courthouse, and 5 ft N. of a curb, a USC&GS standard disk stamped "Z 120 1935" and set in the top of a concrete post projecting 6-in. above the ground 875.631

0.9 UE, T. 69 N., R. 13 W., in the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of sec. 30, center of Hwy 2., at rd. N. to golf club; nail and washer 796.41

1.4 UE, T. 69 N., R. 13 W., near quarter cor. between secs. 29 and 30, center of Hwy. 2, at T-rd. N. 849.8

1.9 UE, T. 69 N., R. 13 W., near the center of sec. 29, center of E.-W. rd. at T-rd. S., and P.I. of curve of Hwy. 2 849.7

1.9 Reference mark, about 190 ft NW. of tablet, 21 ft S., center of rd., on S. end of concrete pipe culvert; painted square 825.38

2.4 Bloomfield, 2.5 mi E. of, near the quarter cor. secs. 28 and 29, T. 69 N., R. 13 W., 55 ft W. of fence cor. 34 ft S., center of rd., 2 ft N. of fence, in concrete post; standard tablet stamped "TT 18 MT 1955 833" 832.773

2.4 Center of rd. at T-fence N., 34 ft N., and 55 ft E. of TT 18 MT 832.2

2.9 UE, T. 69 N., R. 13 W., near the center of sec. 28, 20 ft S., and 4.6 ft lower than center of rd., at drain, on SW. cor. of concrete headwall of culvert, chiseled square 775.96

3.4 UE, T. 69 N., R. 13 W., near quarter cor. between secs. 27 and 28, center of rd. at T-fence S., and field entrance N. 770.4

4.1 UE, T. 69 N., R. 13 W., about 0.25 mi W., quarter cor. between secs. 26 and 27, center of steel bridge; copper nail and washer 761.57

4.4 Center of rd. at T-rd. N., 31 ft N. and 397 ft W. of TT 19 MT 756.2

4.5 Bloomfield, 4.5 mi E. of, 397 ft E. of a T-rd. N., at the quarter cor. secs. 26 and 27, T. 69 N., R. 13 W., 31 ft S. center of rd., 1 ft N. of fence, in concrete post; standard tablet stamped "TT 19 MT 1955 762" 762.071

4.5 Reference mark, about 390 ft NW. of tablet, 85 ft N., and 15 ft E. of T-rd. N., in root on N. side of a 24-in. elm tree; copper nail and washer 756.56

5.1 UE, T. 69 N., R. 13 W., near cor. secs. 22, 23, 26 and 27, center of rd. at E.-W. fence line 794.0

OTTUMWA SOUTH QUAD. - 29

5.6 UE, T. 69 N., R. 13 W., near quarter cor. between secs. 22 and 23, center of rd. at T-rd. S. 850.8

6.1 UE, T. 69 N., R. 13 W., near the center of sec. 23, center of rd. at T-rd. N. 848.2

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 8.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

6.6	UE, T. 69 N., R. 13 W., near quarter cor. between secs. 14 and 23, center of curve at rd. SE.	831.4
6.8	Center of rd. at field entrances E.-W., 42 ft S., and 35 ft W. of 130 RC	842.2
6.8	Bloomfield, 1.5 mi N., and 4.5 mi E. of, 0.3 mi S. of a curve and crossroads, 0.2 mi N. of curve at rd. S., which is near quarter cor. between secs. 14 and 23, T. 69 N., R. 13 W., 42 ft N., and 35 ft E. of field entrances E.-W., 16 ft N. and 2 ft W. of corner post of T-fence E., 2.5 ft W. of a power line pole, in concrete post; standard tablet stamped "130 RC 1955 844"	844.050
7.1	UE, T. 69 N., R. 13 W., near the center of sec. 14, center of crossroads	843.1
7.5	UE, T. 69 N., R. 13 W., about 0.1 mi S. quarter cor. between secs. 11 and 14, center of rd. at T-fence W.	839.9
8.1	UE, T. 69 N., R. 13 W., near the center of sec. 11, center of bridge, copper nail and washer	763.06
8.7	Center of rd. at T-rd. W., 350 ft S., and 23 ft W. of 131 RC	838.3
8.7	Bloomfield, 3.5 mi N., and 4.5 mi E. of, 4.5 mi S., and 0.5 mi E. of Floris, 350 ft N., and 23 ft E. of T-rd. W., which is near quarter cor. between secs. 2 and 11, T. 69 N., R. 13 W., 110 ft S., and 23 ft E. of a private rd. NE. 2 ft E. of fence line and telephone pole, in concrete post; standard tablet stamped "131 RC 1955 837"	836.578
8.7	Reference mark, about 125 ft N. of tablet, 15 ft N., and 16 ft E. of private rd. NE., on N. end concrete pipe culvert; chiseled square	832.54
8.8	T. 69 N., R. 13 W., about 0.25 mi N. quarter cor. secs. 2 and 11, S. point of grassy triangle formed by rd. forks at T-rd. E.	823.2
9.2	UE, T. 69 N., R. 13 W., near the center of sec. 2, P. I. of rd. cor.	830.8
9.6	UE, T. 69 N., R. 13 W., about 0.1 mi E. quarter cor. between secs. 2 and 3, center of curve at rd. SE.	820.4
10.2	UE, Tps. 69 and 70 N., R. 13 W., about 0.2 mi E. cor. secs. 2, 3, 34 and 35, center of rd. at T-rd. N.	793.5
10.4	T. 70 N., R. 13 W., in SW $\frac{1}{4}$ of sec. 35, crown of hill at private drive SE.	826.8
10.7	Reference mark, about 110 ft SW. of tablet, 30 ft N. center of rd., on NW. end pipe culvert, painted square	755.18
10.7	Floris, 3.0 mi S., and 0.5 mi E. of, near the center of sec. 35, T. 70 N., R. 13 W., on the inside of a curve, 36 ft W., and 1.1 ft higher than the center of curve at private drive E., 1 ft E. of fence line, in concrete post; standard tablet stamped "132 RC 1955 764"	763.736
10.8	Center of rd. at T.-rd. E., about 0.13 mi N. center sec. 35, T. 70 N., R. 13 W.	737.4
10.9	UE, T. 70 N., R. 13 W., about 0.15 mi N. of the center of sec. 35, in NE. cor. of wooden floor of bridge, copper nail and washer	738.21
11.4	UE, T. 70 N., R. 13 W., about 0.2 mi N., quarter cor. between secs. 26 and 35, center of curve at rd. S.	781.9
11.6	UE, T. 70 N., R. 13 W., near the center of sec. 26, center of rd. at T-rd. E.	810.0

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 8.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

12.1	UE, T. 70 N., R. 13 W., near quarter cor. secs. 23 and 26, center of bridge over N. Chequest Creek; copper nail and washer	737.80
12.5	Reference mark, about 130 ft SE. of tablet, 23 ft E. center of rd., in root on NW. side of an 8-in hickory tree; copper nail and washer	812.91
12.5	Floris, 1.0 mi S., and 0.5 mi E. of, 565 ft SE. of curve at rd. E., which is near the center of sec. 23, T. 70 N., R. 13 W., 29 ft S. and 30 ft W. of private drive E., 2 ft E. of power line pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "133 RC 1955 816"	815.726
12.6	Center of curve at rd. E., 565 ft NW. of 133 RC	795.4
13.1	UE, T. 70 N., R. 13 W., near quarter cor. between secs. 22 and 23, 125 ft E. rd. forks, center of RR. over-pass, over old RR. grade; copper nail and washer	792.38
13.8	UE, T. 70 N., R. 13 W., about 0.2 mi N. cor. secs. 14, 15, 22 and 23, near center of RR crossing; copper nail and washer	729.39
14.3	USGS standard tablet stamped "TT 3 MT 1955 719(described in Line 2)	718.893

LINE 9

CHECK LINE NEAR CENTER SOUTHWEST PORTION OF QUADRANGLE(By R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. - 29

0.0	About 1.0 mi N. along the Wabash RR. from Belknap, about 0.5 mi S. of milepost 265, at a rd. crossing 63 ft NW. of a station-one-mile sign, 42 ft SW. of the center of the track, and 25 ft S. of the center of the rd., a USC&GS standard disk stamped "47.121 G. 7 1930" and set in the top of a concrete post	847.160
0.8	UE, T. 70 N., R. 14 W., in the SW $\frac{1}{4}$ of sec. 24, center of RR. opposite pond of water SE. of track; copper nail and washer, in cross-tie	815.87
2.4	USC&GS standard disk stamped "F 7 1930"(described in Line 2)	717.761

LINE 10.

EAST ALONG SOUTH BORDER TRENCE NORTH ALONG EAST BORDER(By R. E. Carey, 1955; Book CV 692)

PULASKI QUAD. - 8

0.0	USGS standard tablet stamped "TT 19 MT 1955" (described in Line 8)	762.071
0.4	UE, T. 69 N., R. 13 W., near the center of sec. 26, crown of hill at private drive N.	833.0
0.9	Center of rd. at T-fence N., near quarter cor. between secs. 25 and 26, T. 69 N. R. 13 W.	831.9
1.2	UE, T. 69 N., R. 13 W., about 0.25 mi E. quarter cor. between secs. 25 and 26, 30 ft N., and 38 ft W. of crossroads, in school yard, on the SW. cor. of concrete wall curb; chiseled square(Reported destroyed 6-64, FDR)	821.62
1.2	Center of crossroads, 0.25 mi E. quarter cor. between secs. 25 and 26, quarter cor. between secs. 25 and 26, T. 69 N., R. 13 W.	819.7
1.7	T. 69 N., R. 13 W., about 0.2 mi E. of the center sec. 25, center of road at private drive N.	837.4

OTTUMWA SOUTH QUADRANGLE

29 - Iowa

LINE 10.(Cont'd.)FeetPUALSKI QUAD. - 8

- 1.9 Bloomfield, 6.5 mi E. of, near the quarter cor. secs. 25 and 30, T. 69 N., Rs. 12 and 13 W., at the SW. cor. of yard, at Bessy Merryman farm residence, 32 ft N., center of rd., 1 ft NE. of fence cor. post, in concrete post; standard tablet stamped "TT 20 MT 1955 820"(Reported not found 6-64,FDR) 819.887
- 1.9 Center of rd. at T-rd. N., about 335 ft E. of TT 20 MT 808.5
- 2.4 UE, T. 69 N., R. 12 W., near the center of sec. 30, center of rd. at private drive S. 832.9
- 3.0 UE, T. 69 N., R. 12 W., 40 ft S., and 270 ft W. of crossroads, which are near quarter cor. between secs. 29 and 30, in root on NW. side of a 12-in. cedar tree; copper nail and washer(Reported not found) 800.34
- 3.0 Center of crossroads, near quarter cor. between secs. 29 and 30, T. 69 N., R. 12 W. 799.7
- 3.6 UE, T. 69 N., R. 12 W., near the center of sec. 29, center of rd. at T-fence N. 830.8
- 4.1 Bloomfield, 8.5 mi E. of, 400 ft W. of a T-rd. N., near the quarter cor. secs. 28 and 29, T. 69 N., R. 12 W., 34 ft S., center of rd., 3 ft NE. of fence cor. post, in concrete post; standard tablet stamped "TT 21 MT 1955 825" (Reported not found 6-64, FDR) 825.345
- 4.1 Center of rd. at T-rd. N., 34 ft N., and 400 ft E. of 21 MT 822.5
- 4.6 UE, T. 69 N., R. 12 W., near cor. secs. 20, 21, 28, and 29, center of rd. at E.-W. fence line 777.3

OTTUMWA SOUTH QUAD. - 29

- 5.0 UE, T. 69 N., R. 12 W., near quarter cor. between secs. 20 and 21, 65 ft S. and 25 ft W. of rd. at E.-W. fence line, in root on E. side of a 30-in. elm tree; copper nail and washer 754.39
- 5.0 Center of rd. at E.-W. fence line, near quarter cor. between secs. 20 and 21, T. 69 N., R. 12 W. 755.6
- 5.5 UE, T. 69 N., R. 12 W., about 0.1 mi S. cor. sec. 16, 17, 20 and 21, center of bridge over Oak Creek(11.7 ft above water level 8-25-55); copper nail and washer(Reported destroyed) 720.36
- 6.2 UE, T. 69 N., R. 12 W., about 0.2 mi N. quarter cor. between secs. 16 and 17, center of rd. at T-rd. S. 794.2
- 6.4 Center of curve at drive E. to church house 805.0
- 6.5 Reference mark, 50 ft E. of tablet, near the center of the S. edge of concrete porch of church house; chiseled square 806.03
- 6.5 Bloomfield, 2.3 mi N., and 8.7 mi E. of, in the NW $\frac{1}{4}$ of sec. 16, T. 69 N., R. 12 W. at the W. side of the church yard of the Gospel Tabernacle, 54 ft W. of the SW. cor. of the church, 13 ft N. of fence cor. post, 3 ft S. of power pole, 1 ft E. of fence, in concrete post; standard tablet stamped "TT 22 MT 1955 805" 805.109
- 6.9 UE, T. 69 N., R. 12 W., near the center of center of sec. 16, 55 ft N., and 38 ft E. of curve at rd. N., in root on NW. side of a 24-in. oak tree; copper nail and washer(Reported not found) 797.67

LINE 10. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

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| 7.3 Center of bridge, 0.17 mi S. quarter cor. between secs. 9 and 16, T. 69 N., R. 12 W., (9.9 ft above water level, 8-26-55); copper nail and washer)(Reported not found) | 703.56 |
| 7.4 UE, T. 69 N., R. 12 W., near quarter cor. between secs. 9 and 16, center of rd. at T-rd. E. | 711.8 |
| 8.0 UE, T. 69 N., R. 12 W., about 0.1 mi N., of the center of sec. 9, center of rd. at T-rd. E. | 781.6 |
| 8.4 UE, T. 69 N., R. 12 W.; near quarter cor. between secs. 4 and 9, center of rd. at T-rd. S. | 802.5 |

ELDON QUAD. - 28

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| 8.8 Reference mark, about 260 ft W. of tablet, 40 ft N., center of rd. at farm yard, in root on SE. side of a 12-in. elm tree; copper nail and washer | 812.41 |
| 8.8 Bloomfield, 3.5 mi N., and 9.5 mi E. of, 645 ft W. of a T-rd. W. at the cor. secs. 3, 4, 9 and 10, T. 69 N., R. 12 W., 27 ft N. of center of rd., 15 ft E. of center of wire gate, in concrete post; standard tablet stamped "TT 23 MT 1955 813" | 812.625 |
| 8.9 UE, T. 69 N., R. 12 W., near cor. secs. 3, 4, 9 and 10, center of rd. at T-rd. W. | 792.5 |
| 9.3 UE, T. 69 N., R. 12 W., about 0.1 mi S. quarter cor. between secs. 3 and 4, center of bridge | 739.5 |
| 9.7 T. 69 N., R. 12 W., about 0.25 mi S. cor. secs. 3, 4, 33 and 34, W. end of curve at rd. E. | 788.75 |
| 9.9 UE, T. 69 N., R. 12 W., near the center of the NE $\frac{1}{4}$ of sec. 4, 62 ft N., and 240 ft E. of T-rd. N., on SE. cor. of lower concrete step of church house; chiseled square | 805.54 |
| 9.9 Center of rd. at T-rd. N., near the center of the NE $\frac{1}{4}$ of sec. 4, T. 69 N., R. 12 W. | 801.1 |
| 10.2 Center of rd. at T-rd. E., near E. 1/16 cor. between secs. 4 and 33, Tps. 69 and 70 N., R. 12 W. | 801.7 |
| 10.6 UE, Tps. 69 and 70 N., R. 12 W., near W. 1/16 cor. between secs. 3 and 34, about 300 ft W. of rd. cor. crest of hill at field rd. S. | 781.3 |
| 11.3 Bloomfield, 5.0 mi N., and 10.0 mi E. of, 0.1 mi W. of a T-rd. N., near the center of sec. 34, T. 70 N., R. 12 W., 505 ft W. of the W. end of a bridge, 22 ft S., center of rd., 2 ft S. of fence, 2 ft NE. of power pole, in concrete post; standard tablet stamped "TT 24 MT 1955 692"(Reported destroyed 6-64, FDR) | 692.079 |
| 11.4 Center of rd. at T-rd. N., near the center of sec. 34, T. 70 N., R. 12 W. | 696.3 |
| 12.0 UE, T. 70 N., R. 12 W., near quarter cor. between secs. 27 and 34, 60 ft S., 55 ft E., and 6.2 ft higher than rd. cor., in root on NW. side of a 8-in. hickory tree; copper nail and washer | 777.97 |
| 13.0 UE, T. 70 N., R. 12 W., near quarter cor. between secs. 28 and 33, center of curve at rd. E. | 722.4 |
| 13.5 UE, T. 70 N., R. 12 W., near the center of sec. 28, center of rd. at T-rd. E. | 787.9 |
| 14.0 Center of rd. at T-rd. W., 597 ft S. of 25 MT | 803.1 |

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 10. (Cont'd.)

Feet

ELDON QUAD. - 28

- 14.1 Floris, 1.3 mi S., and 4.5 mi E. of, 597 ft N. of a T-rd. W., at the quarter cor. secs. 21 and 28, T. 70 N., R. 12 W., 37 ft E. of center of rd., 46 ft N. of fence cor., 1 ft W. of fence, 2 ft N. of power pole, in concrete post; standard tablet stamped "TT 25 MT 1955 804" 803.646
- 15.0 UE, T. 70 N., R. 12 W., near the center of the SW $\frac{1}{4}$ of sec. 22, center of curve at private drive E. 813.7
- 15.7 UE, T. 70 N., R. 12 W., in the NW $\frac{1}{4}$ of sec. 22, center of rd. at T-rd. W. 788.7
- 16.2 UE, T. 70 N., R. 12 W., about 0.2 mi S. quarter cor. between secs. 15 and 16, 10 ft W., and about 1 ft higher than center of rd., near the center of the W. headwall of a concrete culvert; chiseled square 774.17
- 16.9 Center of rd. at T-rd. S., in the NE $\frac{1}{4}$ of sec. 16, T. 70 N., R. 12 W. 799.5
- 16.9 Reference mark, about 350 ft E. of tablet, 112 ft N. center of rd., at SW. cor. of church, on concrete slab; chiseled square 802.13
- 17.0 Floris, 0.5 mi N., and 4.8 mi E. of, 785 ft W., along rd. from a T-rd. S., near the center of the NE $\frac{1}{4}$ of sec. 16, T. 70 N., R. 12 W., at the SW. cor. of Bethlehem Church Cemetery, 50 ft N. of center of rd., 1 ft S. and 2 ft E. of fence cor., 2 ft NE. of power pole, in concrete post; standard tablet stamped "TT 26 MT 1955 810" 809.428
- 17.3 UE 800.3(Previously described in Line 2.) 800.54

LINE 11.

WEST ALONG SOUTH BORDER, THENCE NORTH, ALONG WEST BORDER OF QUADRANGLE(By. R. E. Carey, 1955; Book CV-692)

PULASKI QUAD. - 8

- 0.0 USC&GS standard tablet stamped "Z 120 1935"(Previously described in Line 8.) 875.631
- 0.7 UE, T. 69 N., R. 14 W., near line between secs. 25 and 26, about 0.1 mi E. of RR. underpass, 40 ft N. center of W. end curve on Hwys. 2 and 63, 20 ft N. of rd. W., on concrete step; chiseled square, about 0.5 ft higher than center of hwy. 860.08
- 1.3 UE, T. 69 N., R. 14 W., about 0.25 mi N. of the center of sec. 26, 12 ft N., and 1.6 ft higher than center of rd. at culvert, on the NE. cor. of the N. concrete headwall, (10.3 ft above water level on E. leg of Lake 8-31-55); a chiseled square 825.35
- 1.7 UE, T. 69 N., R. 14 W., near line between secs. 26 and 27, center of rd. at rd. N. along W. edge of Lake 825.1

OTTUMWA SOUTH QUAD. - 29

- 2.1 Bloomfield, 2.0 mi W. of, T. 69 N., R. 14 W., near the center of the N $\frac{1}{2}$ of sec. 27 250 ft E. of white farm house, 25 ft S., center of rd., 118 ft W. of a fence S., 37 ft W. of a fence N., 2 ft E. of telephone pole, 1 ft N. of hedge row, in concrete post; standard tablet stamped "TT 11 MT 1955 888" 888.180
- 2.1 Reference mark, about 130 ft W. of tablet, 32 ft S. center of rd., in root between twin 12-in. walnut trees; copper nail and washer 884.81

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 11. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

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| 2.8 | UE, T. 69 N., R. 14 W., about 0.25 mi S., cor. secs. 21, 22, 27 and 28, center of rd. at T-rd. N. | 857.90 |
| 3.3 | UE, T. 69 N., R. 14 W., about 0.25 mi S. quarter cor. between secs. 21 and 28, center of rd. at N.-S. fence line | 896.71 |
| 3.8 | UE, T. 69 N., R. 14 W., about 0.25 mi S. cor. secs. 20, 21, 28 and 29, 20 ft N., and 85 ft E. of crossroads, in root on S. side of a 18-in. elm tree; copper nail and washer | 861.99 |
| 3.8 | Center of crossroads, about 0.25 mi S. cor. secs. 20, 21, 28 and 29, T. 69 N., R. 14 W. | 857.5 |
| 4.4 | UE, T. 69 N., R. 14 W., in the NW $\frac{1}{4}$ of sec. 29, in NW. cor. of wooden floor of bridge, (8.1 ft above water level 8-31-55); copper nail and washer | 850.78 |

BLAKEBURG QUAD. - 30

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| 4.8 | P.B.M., T. 69 N., R. 14 W., about 0.25 mi W., about 0.25 mi S. of cor. secs. 19, 20, 29 and 30, 20 ft W. of N.-S. rd., and in line with rd. E., 3 ft E. of wire fence, in concrete post; bronze tablet stamped PRIM TRAV STA NO. 36 1923 MAC 898" (Reported destroyed 10-66 HK) | 897.439 |
| 5.0 | UE, T. 69 N., R. 14 W., 350 ft S. cor. secs. 19, 20, 29 and 30, 10 ft E. and 2.9 ft higher than center of rd. at drain, near the center of the E. concrete head-wall of culvert, chiseled square | 866.48 |
| 5.1 | Center of rd. at T-rd. W., near cor. secs. 19, 20, 29 and 30, T. 69 N., R. 14 W. | 872.2 |
| 5.6 | UE, T. 69 N., R. 14 W., near quarter cor. between secs. 19 and 20, center of rd. at E.-W. fence line | 901.8 |

OTTUMWA SOUTH QUAD. - 29

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| 6.4 | UE, T. 69 N., R. 14 W., about 0.25 mi E. cor. secs. 17, 18, 19 and 20, center of rd. at T-rd. N. | 897.9 |
| 6.9 | Center of rd. at T-rd. S., 355 ft W. of 12 MT | 879.5 |
| 7.0 | Reference mark, about 75 ft W. of tablet, 27 ft N., center of rd., at SW. cor. garage, in root on NE. side of a 8-in. cedar tree; copper nail and washer | 873.39 |
| 7.0 | Bloomfield, 1.2 mi N., and 4.0 mi W. of, near the center of sec. 17, T. 69 N., R. 14 W., 355 ft E. of a T-rd. S., 29 ft N. of center of rd., 12 ft E. center of driveway to house, 2 ft SW. of power pole, in concrete post; standard tablet stamped "TT 12 MT 1955 874" | 874.406 |
| 7.6 | UE, T. 69 N., R. 14 W., about 0.1 mi S. quarter cor. between secs. 16 and 17, center of rd. at T-rd. W. | 835.5 |
| 8.3 | UE, T. 69 N., R. 14 W., about 0.1 mi N., cor. secs. 8, 9, 16 and 17, center of bridge over Fox River; copper nail and washer | 803.06 |
| 8.9 | UE, T. 69 N., R. 14 W., in the NW $\frac{1}{4}$ of sec. 9, center of rd. at T-rd. W. into cemetery, painted 856.2 | 856.1 |
| 9.4 | Reference mark, about 280 ft SW. of tablet, 18 ft W. center of rd., near the center of the W. concrete headwall of a culvert; chiseled square | 860.13 |

OTTUMWA SOUTH QUADRANGLE

29 - Iowa

LINE 11.(Cont'd.)FeetOTTUMWA SOUTH QUAD. - 29

- 9.4 Drakesville, 0.25 mi N. of, from Hwy. 273 along gravel rd., T. 69 N., R. 14 W., in SW $\frac{1}{4}$ of sec. 4, 924 ft N. of a T-st. E., in NW. point of village, 150 ft E. of grain bin, 45 ft E. center of rd. at curve, 39 ft NNE. of telephone pole, 20 ft SSE. of 6-in. iron pipe, 8 ft high and painted USBM, in concrete post; a bronze tablet stamped "PRIM TRAV STA NO 35 MAC 1923 858" 858.373
- 9.8 UE, T. 69 N., R. 14 W., near quarter cor. between secs. 4 and 5, at SE. end of concrete bridge, on the S. end of the E. curb, chiseled square 844.27
- 10.2 UE, Tps. 69 and 70 N., R. 14 W., near cor. secs. 4, 5, 32 and 33, near the center of RR. crossing at S. rail, on bolt head inside; painted square 874.1
- 10.9 Drakesville, 1.8 mi N. of, about 0.3 mi S. of the cor. of secs. 28, 29, 32 and 33, T. 70 N., R. 14 W., 438 ft S. of a T-rd. W., 31 ft W. of center of rd., 3 ft E. of fence, 2 ft E. of power pole, in concrete post; standard tablet stamped "TT 13 MT 1955 863" 862.882
- 10.9 Reference mark, about 120 ft N. of tablet, near the center of the W. concrete headwall of culvert; chiseled square 862.55
- 11.0 Center of rd. at T-rd. W., 438 ft N. of 13 MT 875.8
- 11.4 UE, T. 70 N., R. 14 W., about 0.2 mi S. quarter cor. between secs. 29 and 32, center of curve at T-fence N. 887.9
- 11.9 UE, T. 70 N., R. 14 W., in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 29, 55 ft S., and 0.2 ft higher than rd. forks, in root on S. side of a 6-in. elm tree; copper nail and washer 883.50
- 12.6 Drakesville, 3.1 mi NW. of, along winding gravel rds., near the quarter cor. secs. 29 and 30, T. 70 N., R. 14 W., at the N. end of a curve, from S. to SE., 600 ft NW. of farm house on W. side of rd., 82 ft SW. of center of rd. on curve, 82 ft N. of a fence cor., and 6 ft E. of fence, in the middle of a thicket of small plum and crab apple trees, in concrete post; a bronze tablet stamped "2 M 1935 RESET 1955 880" 879.995

BLAKESBURG QUAD. - 30

- 13.4 UE, T. 70 N., R. 14 W., near quarter cor. between secs. 19 and 30, center of rd. forks 772.7
- 13.9 UE, T. 70 N., R. 14 W., near the center of sec. 19, rd. angle at private rd. W. 725.4
- 14.3 Drakesville, 4.0 mi N., and 1.3 mi W. of, in the N $\frac{1}{2}$ sec. 19, T. 70 N., R. 14 W. 580 ft S., along rd. from the center of steel bridge over Soap Creek, at S. end of curve, 38 ft SE. of center of rd., 29 ft SE. of narrow bridge, sign post, 2 ft SE. of telephone pole, in concrete post; standard tablet stamped "TT 14 MT 1955 730" 730.024
- 14.3 Reference mark, about 460 ft NW. of tablet, at SW. cor. of steel bridge, on the S. end of the W. curb, about 1 ft above the floor of bridge, (24.2 ft above water level 9-2-55); chiseled square 722.10
- 14.4 Center of bridge, (8.4 ft above water level 9-2-55), in SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of sec. 18, T. 70 N., R. 14 W. 713.4
- 15.0 UE, T. 70 N., R. 14 W., in the N. half of the SE $\frac{1}{4}$ of sec. 18, center of rd. at private rd. E. 736.1
- 15.5 UE, T. 70 N., R. 14 W., about 0.25 mi W. cor. secs. 7, 8, 17 and 18, center of crossroads 799.7

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OTTUMWA SOUTH QUADRANGLE
29 - Iowa

LINE 11.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

- 15.9 UE, T. 70 N., R. 14 W., about 0.15 mi E. cor. secs. 7, 8, 17 and 18, in SW. cor. of wooden floor of bridge, (9.9 ft above water level 9-2-55); copper nail and washer 728.79
- 16.2 USGS standard tablet stamped "107 RC 1955"(described in LINE 3.) 756.768

LINE 12.

SOUTH NEAR CENTER OF NORTH BORDER(By R. E. Carey, 1955; Book CV-692)

OTTUMWA NORTH QUAD. - 50

- 0.0 USC&GS standard disk stamped "A 7 1930"(Previously described in LINE 3.) 644.776
- 1.2 UE, T. 72 N., Rs. 13 and 14 W., near quarter cor. between secs. 31 and 36, center of E. Mary St. and Madison Ave.(Hwy 63); copper nail and washer 644.31
- 2.3 UE, T. 71 N., Rs. 13 and 14 W., near quarter cor. between secs. 1 and 6, center of Hwy. 63 at T-rd. E. 655.7
- 3.2 USC&GS standard disk stamped "B 7 1930"(Previously described in Line 7.) 638.106

LINE 13.

NORTH AT SOUTHWEST CORNER(By R. E. Carey, 1955; Book CV 692)

MOULTON QUAD. 9

- 0.0 About 3.0 mi E. along the Wabash RR. from West Grove, Davis Co. about 0.5 mi W. of milepost 25, at the junction of U.S. Hwy 63, and State Hwy. 3; 89 ft NW. of the center of the U.S. Hwy 63, at station 3671; 32 ft S. of the center of the track, and about 6 in. underground; a standard disk stamped "903.702 M 7 1930" and set in top of a concrete post 903.774
- 0.3 UE, T. 69 N., R. 14 W.; near cor. secs. 29, 30, 31 and 32, center of crossroads 907.1
- 0.7 T. 69 N., R. 14 W.; near quarter cor. between secs. 29 and 30; center of bridge at drain 863.3

BLAKESBURG QUAD. - 30

- 1.0 T. 69 N., R. 14 W.; about 0.25 mi S. of cor. secs. 19, 20, 29 and 30; 20 ft W. of N.-S. road, and in line with road E.; 3 ft E. of wire fence, in concrete post; bronze tablet stamped "PTS Sta. No. 36 1923 MAC 898" 897.439