

OFFICE COPY HOLD

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THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929
Final Adjustment of 1967

Davis and Wapello Counties

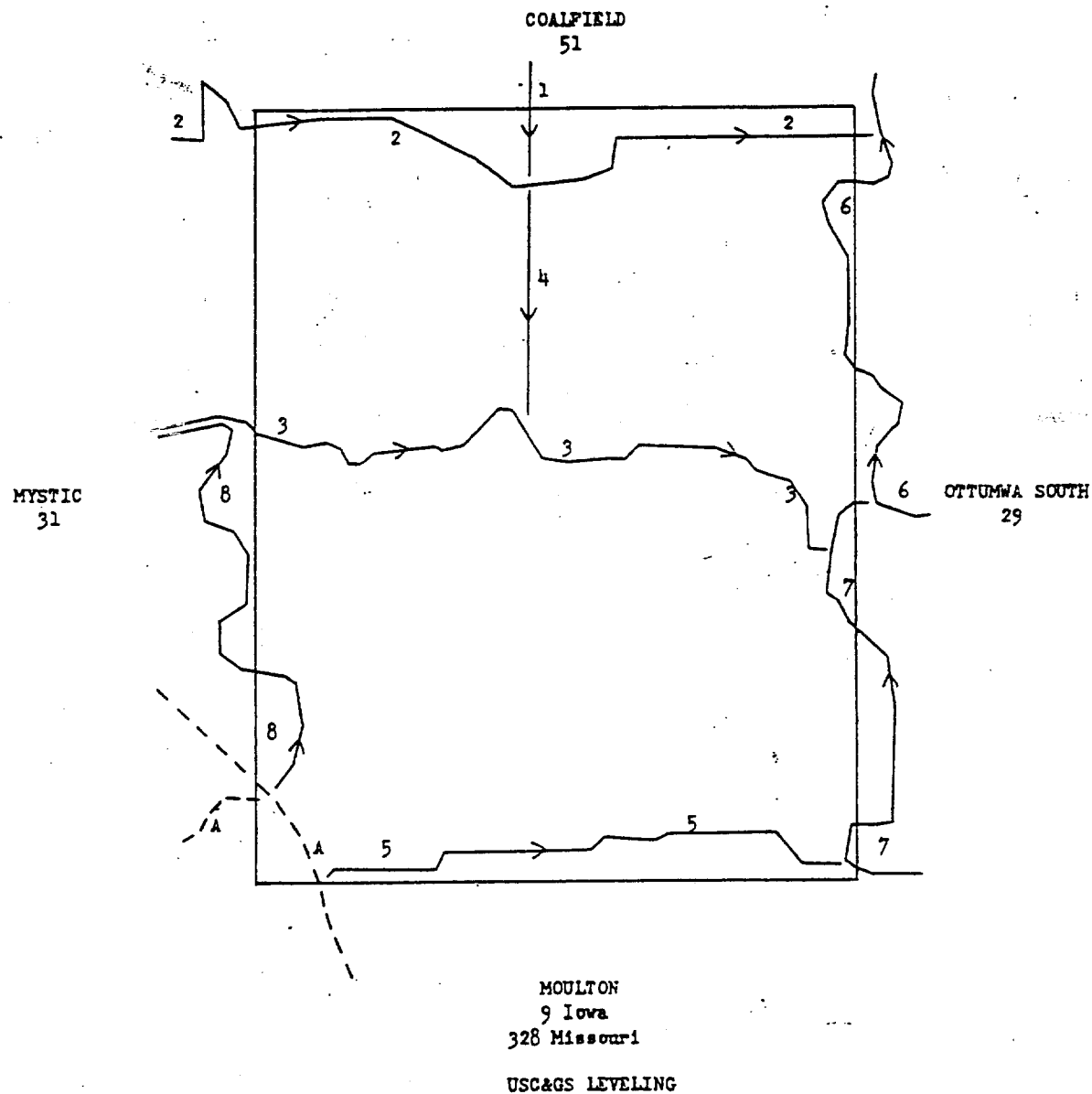
Edition of 8-15-83

PR: HWB

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLAKESBURG QUADRANGLE

30 - Iowa
N4045-W9230/15
Diagram NK 14-6
Centerville, Iowa
Iowa, Missouri



LINE 1.

Feet

SOUTH AT CENTER NORTH BORDER (by D. D. Bolin, 1966; Book CV 2088)

COALFIELD QUAD. - 51

- 1 13 6.1 BM 21 HK 1966; Blakesburg, 3.6 mi N. of; T. 72 N., R. 15 and 16 W., near the cor. of sec. 19, 24, 25 and 30 at the junction of new State Highway 34 and 213; 101 ft S., 150 ft W. and 7.4 ft. lower than the center of the crossroads, 3 ft SE. of the cor. fence post, 2 ft S. of the telephone pole, in top of a concrete post, a standard tablet stamped "21 HK 1966" 737.929
- 14 6.1 Reference mark, 249 ft SE. of the tablet, 324 ft S. and 42 ft W. of the crossroads on top and at the W. end of a concrete box culvert, a chiseled square painted reference mark 737.69
- 15 7.0 UE 21 A, 0.8 mi S. along State Hwy. 213 from the tablet, T. 72 N., R. 15 and 16 W; near the S. 1/16 cor. between secs. 25 and 30 at the S. end of the E. concrete abutment of the iron and concrete bridge over Avery Creek a chiseled square painted "UE 21-A" 745.67

BLAKESBURG QUAD. - 30

- 16 7.9 UE 21 B; 1.7 mi S. along State Hwy. 213, from the tablet, T. 72 N., R. 15 W., in the SW $\frac{1}{4}$ of sec. 31, 257 ft NE. and 5.7 ft higher than the center of the T-rd. NE. 32 ft S. of the gravel rd. on the SW. side of a power pole, a rail spike, painted "UE 21 B" 891.55
- 17 9.2 UE 12 D; Blakesburg; about 0.6 mi N. of, in SW $\frac{1}{4}$ of sec. 6, T. 71 N., R. 15 W., 40 ft N. and 40 ft E. of crossroads; chiseled square in N. end of concrete culvert 906.20
- 19 7.9 Station is about 12 mi W. of Ottumwa, 9.5 mi ESE. of Albia, 2.0 mi N. of the small village of Blakesburg, in sec. 31, T. 72 N., R. 15 W., and on the W. right-of-way of State Hwy. 213. Station mark is standard USC&GS disk stamped AVERY 1956. Surface disk is set in top of a square concrete post which projects 6.0 in. It is 100 ft NW. of T-intersection 84 ft N. of a telephone pole and 40 ft W. of the center of a gravel road. A standard witness post was set 2 ft SE. of the mark. The underground disk is set in an irregular mass of concrete 32 in. below the ground surface. 891.591

LINE 2.

GENERALLY EAST ALONG NORTH BORDER (by H. Kablesh 1966; Book CV 2086)

MYSTIC QUAD. - 31

- 1 53 0.0 Albia; 3.1 mi S. along Wabash RR. from crossing of Chicago, Burlington and Quincy RR at Albia; Monroe Co. 8 $\frac{1}{2}$ poles NW. of milepost 269 at a rd. crossing; 30 ft N. and 46 ft E. of center of grade crossing; 15 ft N. of a telephone pole #42; 6 ft W. of right-of-way fence standard USC&GS disk stamped "P-119-1935" and set in top of a concrete post 967.193
- 53 0.5 UE 119 A; about 0.5 mi S. of BM at E $\frac{1}{4}$ between secs. 3 and 34, T. 71 and 72 N., R. 17 W. 54 ft N. of 20 ft E. of crossroads, chiseled square at E. end of concrete culvert 964.94
- 54 1.3 UE 119 B; about 0.5 mi S. and 0.7 mi E. of BM at center between secs. 2 and 35, T. 71 and 72 N., R. 17 W; center of T-rd. S. 958.9

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 2. (Cont'd.)

Feet

MYSTIC QUAD. - 31

- | | | |
|------------------------------|--|---------|
| 1 55 1.8 | UE 119 C; about 0.5 mi S. of 1.2 mi E. of BM at approximate cor. of secs. 1, 2, 35 and 36, Tps. 71 and 72 N., R. 17 W; 12 ft N. and 6 ft W. of gate at field entrance E. painted square at N. end of steel culvert | 952.6 |
| 56 2.3 | UE 119 D; about 0.5 mi S., thence 1.2 mi E, then 0.5 mi N. of BM at approximate center between secs. 35 and 36, T. 72 N., R. 17 W.; at N.-S. road at field road W. | 956.2 |
| 57 2.8 | Albia, 2.0 mi S. and 2.0 mi E of; in SE $\frac{1}{4}$ of sec. 26, T. 72 N., R. 17 W.; 225 ft S. and 30 ft W. of T-rd. S.; 90 ft N. and 1 ft E. of T-fence W., 3 ft NE. of telephone pole; in concrete post; standard tablet stamped "10 HK 1966" | 957.369 |
| 58 2.8 | Reference mark, 180 ft N. and 55 ft E. of BM; 27 ft E. and 25 ft S. of T-rd. S. painted square on E. end of steel culvert | 951.33 |
| 58 3.5 | UE 10 A; about 0.7 mi SE. of BM; at approximate N. center of sec. 36, T. 72 N., R. 17 W.; 25 ft S. and 18 ft W. of T-rd. S. to airport; chiseled square at W. end of concrete culvert | 957.06 |
| 59 4.5 | UE 10 B; about 1.64 mi SE. of BM along County Rd. C; in SW $\frac{1}{4}$ of sec. 31, T. 72 N., R. 16 W. center of T-rd. S. | 959.0 |
| 60 4.9 | UE 10 C; about 2.1 mi E. along County Rd. C. from BM; in SE $\frac{1}{4}$ of sec. 31, T. 72 N., R. 16 W.; 45 ft S. and 27 ft W. of T-rd. S. chiseled square at W. end of concrete culvert | 899.36 |
| <u>BLAKESBURG QUAD. - 30</u> | | |
| 61 5.4 | UE 10 D; about 2.6 mi E. along Co. Rd. C. from BM, in SW $\frac{1}{4}$ of sec. 32, T. 72 N., R. 16 W; center of E.-W. rd. at field entrance N. | 941.7 |
| 62 5.9 | BM; Albia 3.0 mi S. and 4.7 mi E. of Blakesburg, 2.0 mi N. and 4.5 mi W. of; in E. center of sec. 32, T. 72 N., R. 16 W; 50 ft W. and 44 ft N. of center of E.-W. rd. at drive S. to Emmet Van Dalen farm house; 3 ft W. of a power pole and 2 ft S. of right-of-way fence; in concrete post, standard tablet stamped "11 HK 1966" | 941.753 |
| 62 5.9 | Reference mark; 160 ft E. and 6 ft S. of BM, 35 ft N. of center of E.-W. rd. painted square at W. end of steel culvert | 940.32 |
| 63 5.9 | UE 11 A, about 0.6 mi E. along Co. Rd. C, from BM; at approximate W. center of sec. 33, T. 72 N., R. 16 W; center of E.-W. rd. at drive N. to Robert Picknells house | 930.4 |
| 63 7.1 | UE 11 B, about 1.1 mi E. along Co. Rd. C. from BM; at approximate E. center of sec. 33, T. 72 N., R. 16 W.; chiseled square in concrete base of flag pole at old school house. | 915.97 |
| 64 7.4 | UE 11 C; about 1.4 mi E. of BM at approximate center between secs. 33 and 34, T. 72 N., R. 16 W; center of T-rd. N. | 922.9 |
| 64 7.6 | UE 11 D; about 1.8 mi E. of BM, in SW $\frac{1}{4}$ of sec. 34, T. 72 N., R. 16 W; center of T-rd. W. | 914.6 |
| 64 8.0 | UE 11 E; about 2.2 mi E. of BM, at approximate S. center of sec. 34, T. 72 N., R. 16 W.; 18 ft S. and 30 ft W. of crossroads; chiseled square at W. end of concrete culvert | 900.51 |

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 2.(Cont'd.)

Feet

BLAKESBURG QUAD. - 30

1	65	8.8	UE 11 F; about 2.9 mi E. along Co. Rd. C. from BM; in NW $\frac{1}{4}$ of sec. 2, T. 71 N., R. 16 W; center of E.-W. rd. at field entrance S	868.4
66	9.2		Blakesburg; about 1.25 mi N. and 1.5 mi W. of; in NE $\frac{1}{4}$ of sec. 2, T. 71 N., R. 16 W; in SW cor. of concrete bridge over Avery Creek; standard tablet stamped "12 HK 1966"	770.932
66	9.2		Reference mark; 135 ft E. of BM; chiseled square SE. cor. of bridge over Avery Creek	773.48
67	9.5		UE 12 A; about 0.2 mi E. of BM; at crest of hill center of E.-W. rd. at field entrance N.-S.	867.0
68	10.0		UE 12 B; about 0.75 mi E. from BM; in SW $\frac{1}{4}$ of sec. 1, T. 71 N., R. 16 W. center of E.-W. rd. at field entrance N.-S.	900.2
69	10.2		UE 12 C; about 1.0 mi E. of BM; in SE $\frac{1}{4}$ of sec. 1, T. 71 N., R. 16 W., 50 ft N. and 24 ft W. of center of E.-W. rd. at drive N. to log cabin; rail spike in fence cor. post	900.63
69	10.9		UE 12 D; about 0.6 mi N. of; in SW $\frac{1}{4}$ of sec. 6, T. 71 N., R. 15 W.; 40 ft N. and 40 ft E. of crossroads; chiseled square in N. end of concrete culvert	906.20
70	11.5		UE 12 E; about 2.3 mi E. of BM; in SE $\frac{1}{4}$ of sec. 6, T. 71 N., R. 15 W., copper nail and washer at center of grade crossing	871.36
71	12.2		Blakesburg; 0.6 mi N. and 1.0 mi E. of; in SW $\frac{1}{4}$ of sec. 5, T. 71 N., R. 15 W.; 40 ft S. and 260 ft E. of drive N. to farm buildings; 2 ft S. of a fence line; standard tablet stamped "13 HK 1966" and set in top of E. wing wall of concrete spillway	890.298
72	12.2		Reference mark, 4 ft N. and 190 ft E. of BM; rail spike in NE. side of telephone pole	894.76
72	12.3		Center of T-rd. N.	894.0
72	12.8		UE 13 A; about 0.6 mi E. of BM; at S $\frac{1}{2}$ between secs. 4 and 5, T. 71 N., R. 15 W.; center of T-rd. W.	873.4
73	13.6		UE 13 B; Blakesburg; about 2.0 mi E. of at quarter cor. between secs. 8 and 9, T. 71 N., R. 15 W., chiseled square in NE. cor. of concrete step at E. entrance to A.T.T. Microwave Station	901.11
74	13.9		UE 13 C; about 2.5 mi E. of Blakesburg; at center of sec. 9, T. 71 N., R. 15 W.; center of T-rd. S.	899.92
74	14.4		UE 13 D; about 2.7 mi E. of Blakesburg; at approximate E. center of sec. 9, T. 72 N., R. 15 W.; 150 ft E. and 36 ft N. of center of rd. curve to N., rail spike at N. side of power pole	897.32
75	14.7		UE 13 E; about 2.7 mi E. of 0.5 mi N. of Blakesburg; at approximate E $\frac{1}{2}$ between secs. 4 and 9, T. 71 N., R. 15 W; center of N.-S. rd. at entrance W. to barn.	894.8
75	15.3		Reference mark; 205 ft SW. of BM; rail spike in NW. side of power pole	887.51

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 2. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

- | | | | | |
|---|------|---|---|---------|
| 1 | 75 | 15.3 | Blakesburg; 2.7 mi E. and 1.0 mi N. of; at approximate E. center of sec. 4, T. 71 N., R. 15 W.; 110 ft SW. of center of rd. curve at drive W. to house owned by Donald Small; 2 ft W. of a power pole, in concrete post, standard tablet stamped "14 HK 1966" | 887.941 |
| 2 | 1 | 15.9 | UE 14 A; about 0.6 mi E. of BM; at approximate W. center of sec. 3, T. 71 N., R. 15 W.; center of rd. curve at drive SE | 869.7 |
| 2 | 16.4 | N.-S. rd. at drive W. to house | | 874.1 |
| 2 | 16.6 | UE 14 B; about 1.2 mi E. and N. from BM; at approximate center between secs. 3 and 34, T. 71 and 72 N., R. 15 W., 30 ft N. and 18 ft E. of center of T-rd. N.; painted square at east end of culvert. | | 874.9 |
| 3 | 17.2 | UE 14 C; about 1.9 mi E. and N. from BM; at approximate $W\frac{1}{2}$ between secs. 2 and 35, T. 71 and 72 N., R. 15 W.; center of E.-W. rds. at W. drive S. to house owned by E. C. Reinier | | 872.8 |
| 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 culvert | | 873.02 |
| 4 | 17.8 | Blakesburg; about 4.5 mi E. and 1.5 mi N. of; at $E\frac{1}{2}$ 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 0.5 mi E. of BM at cor. of secs. 1, 2, 35 and 36, T. 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, T. 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, T. 71 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 $E\frac{1}{2}$ between secs. 6 and 31, Tps. 71 and 72 N., R. 14 W., chiseled square at field entrances N.-S. | | 751.27 |
| 8 | 20.3 | UE 15 E; about 2.5 mi E. of BM; at approximate $W\frac{1}{2}$ 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 concrete culvert under road; in concrete post standard tablet stamped "112 RC 1955, RESET 1956" | 779.957 |
|---|------|--|---------|

LINE 3.

GENERALLY EAST THROUGH CENTER OF QUADRANGLE (by H. Kablesh, 1966; Book CV 2086)

MYSTIC QUAD - 31

- | | | | | |
|---|---|-----|--|---------|
| 3 | 5 | 2.6 | Moravia, about 2.61 mi E. of, In $NW\frac{1}{4}$ sec. 1, T. 70 N., R. 17 W., 35 ft S. and 25 ft W. of center of E.-W. rd. at field entrance S., 3 ft W. of power pole and 1 ft S. of fence, in concrete post, standard tablet stamped "22 HK 1966" | 947.889 |
|---|---|-----|--|---------|

BLAKESBURG QUADRANGLE

30 - Iowa

LINE 3.(Cont'd.)

		<u>Feet</u>
3	5 2.6 Reference mark, 320 ft W. of BM, rail spike at NE. side of power pole	951.95
6	2.9 UE 22 A; about 0.28 mi E. of BM; at approximate center between secs. 1 and 36, Tps. 70 and 71 N., R. 17 W., chiseled square at NE. abutment of bridge over creek	847.07
7	3.6 UE 22 B; about 1.0 mi E. of BM; at approximate $N\frac{1}{2}$ between secs. 1 and 6, T. 70 N., R. 16 and 17 W., center of rd. at drive E. to field	963.2
8	4.1 UE 22 C; about 1.5 mi E. from BM, in $SE\frac{1}{4}$ of sec. 6, T. 70 N., R. 16 W., copper nail and washer in NE. cor. of bridge over creek	863.99
9	4.4 UE 22 D; about 1.8 mi E. from BM; in approximate S. center of sec. 6, T. 70 N., R. 16 W. center of rd. forks	965.2
10	4.8 UE 22 E; about 2.2 mi E. of BM; at approximate E. center of sec. 6, T. 70 N., R. 16 W.; center of T-rd. N.	961.4
11	5.4 UE 22 F; about 2.8 mi E. along rd. from BM; in $SE\frac{1}{4}$ of section 5, T. 70 N., R. 16 W.; center of T-rd. S.	955.7
12	5.5 Reference mark, 105 ft W. of BM; rail spike at fence cor. post	953.76
12	5.5 Moravia, about 5.5 mi E. of along rd., in $SW\frac{1}{4}$ of sec. 5, T. 70 N., R. 16 W. 85 ft SE. of SE. cor. of old school house; 33 ft NW. of center of rd., in concrete post standard tablet stamped "TT 4 M 1935"	954.435
13	5.8 Rd. curve at field entrance NE.	944.7
13	6.4 UE 4 A; about 0.9 mi E. along rd. from BM; in $SW\frac{1}{4}$ of sec. 4, T. 70 N., R. 16 W., at center of rd. at drive NE. to farm house	939.5
14	7.0 T-rd. S.	929.43
15	7.1 UE 4 B; about 2.4 mi E. along rd. from BM; at approximate $E\frac{1}{4}$ between secs. 4 and 9, T. 70 N., R. 16 W., copper nail and washer at center of bridge over creek	796.43
17	8.4 Reference mark, 185 ft S. of BM; at SE. cor. of bridge, chiseled square	794.22
17	8.4 Moravia, 8.5 mi E. of along rd. Blakesburg; about 5.5 mi S and 2.2 mi W. of; in $SE\frac{1}{4}$ of sec. 3, T. 70 N., R. 16 W.; at NW. cor. of concrete bridge over N. branch of Soap Creek, standard tablet stamped "23 HK 1966"	793.17
18	9.1 UE 23 A; about 0.7 mi E. along rd. from BM; in approximate S. center of sec. 2, T. 70 N., R. 16 W., chiseled square at NE. cor. of bridge over creek	779.62
19	9.2 Center of rd. at drive N.-S.	790.1
20	9.8 Blakesburg, 5 mi S. and 0.7 mi W. of, in approximate W. center of sec. 1, T. 70 N., R. 16 W., 30 ft S. and 90 ft E. of center of drive S. to house; 1 ft W. and 12 ft N. of field cor., 80 ft NE. of front door of house, in concrete post standard tablet stamped "PTS. No. 7 MAC 1923"	928.299
20	9.8 Reference mark, 140 ft W. of BM; rail spike in S. side of power pole	925.39
21	10.4 UE 7 A; about 0.6 mi NE. of BM; at approximate center between secs. 1 and 36, T. 70 and 71 N., R. 16 W.; center of T-rd. N.	937.0

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 3. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

3	22	10.6	UE 7 B; about 1.3 mi E. along rd. from BM; at cor. of secs. 1, 6, 31 and 36, Tps. 70 and 71 N., R. 15 and 16 W.; center of crossroads	929.5
	22	11.1	N.-S. rd. at drain (drain at W. side is 3 ft lower = 922 ft.)	925.6
	23	11.3	UE 7 C; about 2.1 mi E. along rd. from BM; at approx. center between secs. 1 and 6, T. 70 N., R. 15 and 16 W.; 110 ft SE. of rd. forks; 40 ft E. center of rd. and 25 ft S. of fence cor. at E. side of power pole, rail spike	932.11
	23	11.9	UE 7 D; about 2.6 mi E. along rd. from BM; at approximate center between secs. 6 and 7, T. 70 N., R. 15 W.; center of T-rd. E.	929.8
	24	12.3	Reference mark, about 150 ft NW. of tablet at SW. cor. of step to house owned by Carl Boyer	923.31
	24	12.3	Blakesburg, 5.5 mi S. and 0.7 mi E. of; in the $E\frac{1}{2}$ between secs. 6 and 7, T. 70 N., R. 15 W., 40 ft S. and 18 ft W. of cross drives; 1 ft N. and 18 ft W. of center of gate in S. right-of-way fence; 3 ft W. of a power pole; in concrete post standard tablet stamped "24 HK 1966"	919.660
	25	12.8	UE 24 A; about 0.5 mi E. of BM; in $W\frac{1}{2}$ between secs 5 and 8, T. 70 N., R. 15 W.; center of E.-W. rd. at field rd. N. t	844.2
	26	13.0	UE 24 B; about 0.8 mi E. of BM; in $E\frac{1}{2}$ between secs. 5 and 8, T. 70 N., R. 15 W.; copper nail and washer in top of piling at SE. cor. of bridge over creek	816.32
	27	13.3	UE 24 C; about 1.1 mi E. of BM; about 1500 ft W. of cor. of secs. 4, 5, 8 and 9, T. 70 N., R. 15 W.; center of E.-W. rds. at field entrance N.	897.6
	28	13.9	UE 24 D; about 1.6 mi E. of BM; in $NW\frac{1}{2}$ of sec. 9, T. 70 N., R. 15 W.; 230 ft S. of T-rd. W.; copper nail and washer in piling at SW. end of bridge over creek	784.1
	29	14.0	UE 24 E; about 2.0 mi E. along rd. from BM; in $SW\frac{1}{2}$ of sec. 4, T. 70 N., R. 15 W., chiseled square at NW. cor. of bridge over creek;	778.13
	29	14.6	UE 24 F; about 2.4 mi E. along rd. from BM; in $SE\frac{1}{2}$ of sec. 4, T. 70 N., R. 15 W., center of bridge over drain	773.2
	30	15.0	Reference mark, 135 ft NW. of BM, rail spike at SW. side of power pole with transformer	818.55
	30	15.0	Blakesburg, about 5 mi S. and 3.0 mi E. of; in $SW\frac{1}{2}$ of sec. 3, T. 70 N., R. 15 W., in NE. cor. of old school yard; 23 ft S. of center of E.-W. rd. 12 ft W. of center of gate and 1 ft W. of a fence cor. in concrete post standard tablet stamped "25 HK 1966"	822.973
	31	15.4	UE 25 A; about 0.4 mi E. of BM; in $SW\frac{1}{2}$ of sec. 3, T. 70 N., R. 15 W., copper nail and washer in S. center of bridge over creek	788.29
	32	15.6	Center of road at drain crossing ...	808.3

dest 13 B

BLAKESBURG QUADRANGLE
30 - Iowa

LINE 3. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

3	33	16.0	UE 25 B; about 1.0 mi E. of BM; in $S\frac{1}{2}$ between secs. 2 and 3, T. 70 N., R. 15 W.; 9 ft E. and 3 ft S. of center of rd. at field entrance S. rail spike in fence post	888.95
	34	16.2	Center of E.-W. rd. at drive S. to house	861.4
	34	16.7	Center of rd. at field entrance NE.	885.7
	35	17.3	UE 25 C; about 2.2 mi E. along rd. from BM. at approximate center between $N\frac{1}{2}$ of secs. 11 and 12, T. 70 N., R. 15 W.; 20 ft S. and 30 ft E. of T-rd. N. 90 ft W. of T-rd. W.; painted square at S. end of culvert	885.3
	36	17.5	T-rd. W.	881.1
	36	17.9	Blakesburg; about 6.0 mi S. and 5.5 mi E. of; at approximate center of sec. 12, T. 70 N., R. 15 W.; 12 ft S. and 40 ft E. of center of N.-S. rd. at field entrance E., 3 ft S. of gate post and 1 ft W. of fence line, in concrete post, standard tablet stamped "26 HK 1966"	887.904
	36	17.9	Reference mark; 160 ft N. of BM; rail spike in W. side of power pole	890.08
	38	18.4	UE 26 A; about 0.6 mi E. along rd. from BM; at approximate center between secs. 7 and 12, T. 70 N., R. 14 and 15 W.; center of N.-S. rd at drive E. to house	853.4
	38	18.9	UE 26 B; about 1.0 mi E. along rd. from BM at approximate cor. of secs. 7, 12, 13 and 18, T. 70 N., R. 14 and 15 W.; 12 ft S and 33 ft W. of center of rd. at field entrance W.; rail spike in fence post	824.45
	40	19.7	UE 26 A; about 1.8 mi E. along rd. from BM. at approximate $E\frac{1}{4}$ between secs. 7 and 18, T. 70 N., R. 14 W., 27 ft N. and 20 ft W. of cross-roads; chiseled square in N. end of concrete culvert	797.60
	41	20.2	UE 26 D; about 2.3 mi E. along rd. from BM; at approximate E. center of sec. 18, T. 70 N., R. 14 W.; center of N.-S. rd. at drive E.	736.4
	42	20.6	UE 26 E; center of bridge, 8.4 ft above water level. In $SW\frac{1}{4}$ of $SE\frac{1}{4}$ sec. 18, T. 70 N., R. 14 W.	713.4
	43	20.9	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 "T T 14 MT 1955 730", painted BM. Station found in good condition as described.	730.024

LINE 4.

SOUTH THROUGH CENTER NORTH HALF (by H. Kablesh, 1966; Book CV 2086)

BLAKESBURG QUAD. - 30

3	48	0.0	UE 12 D; (previously described in Line 2.)	906.20
	48	0.7	UE A; at Blakesburg; 30 ft S and 30 ft W. of crossstreets; chiseled square at N. cor. of first step to Post Office	913.82

LINE 4. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

3 49	1.1	UE B; at S. end of Blakesburg; at Blakesburg Community School; chiseled square at base of flag pole	913.71
50	1.6	UE C; about 0.9 mi S. of Blakesburg, top of bolt about 6 in. S. of S. rail of W. bound track	918.31
51	2.1	UE D; about 1.3 mi S. of Blakesburg; center of T-rd. E.	881.8
52	2.4	UE E; about 1.7 mi S. of Blakesburg; center of rd. at drain crossing	853.3
3 53	2.8	Reference Mark, about 300 ft. N. of B.M.; Spike in top of 4"x4" treated Post, 2 ft. N. of telephone pedestal, 50 ft. E. of centerline of N. S. Road.	914.655
53	2.8	Blakesburg; 2.1 mi. S. of at approx. center between secs. 19 and 24 T71N, R15 and 16W. 280 ft. S. of drive W. to house and 59 ft. E. of centerline of N.-S. rd. 4 ft. N. of power pole. In concrete post, standard tablet stamped "31 HK 1966 Reset 1983"	912.267
54	3.2	UE 31 A; about 2.5 mi S. of Blakesburg; center of rd. at drain crossing	857.9
55	3.7	UE 31 B; about 3.0 mi S. of Blakesburg; center of N.-S. rd. at drain crossing	862.0
56	4.2	UE 31 C; about 3.5 mi S. of Blakesburg; at Union Chapel Church; chiseled square at W. side of first step at entrance to church	918.58
57	4.7	UE 31 D; about 4.1 mi S. of Blakesburg; N.-S. rd at cross fence	926.3
59	5.8	UE 7 C; (Previously described in Line 3.)	932.11

LINE 5.

EAST ALONG SOUTH BORDER (By H. Kablesh, 1966; Book 2086)

BLAKESBURG QUAD. - 30

4 2	0.0	3.8 mi NW along the Wabash RR, from the station at Moulton, Appanoose Co. 4 poles NW. of milepost 247, at a road crossing, 66 ft SE of the center of the road, 42 ft NE. of the center of the track, 3 ft SW of the right-of-way fence, and 4 ft lower than the track. A standard USC&GS disk, stamped "D 120 1935" and set in the top of a concrete post.	989.604
2	0.1	UE 120 A; about 135 ft SW. of EM, chiseled square in NW. abutment of RR. bridge	993.78
2	0.8	UE 120 B; about 0.7 mi N. of EM; center of T-rd. S.	989.4
3	1.5	UE 120 C; about 1.4 mi N. of EM, at approximate center between secs. 29 and 32, T. 69 N., R. 16 W., junction T and State Hwy 2, 30 ft N. and 22 ft W. of crossroads; chiseled square at W. end of concrete culvert	986.45
4	1.7	UE 120 D; about 1.9 mi N. of EM, center grade crossing	996.8
4	2.5	UE 120 E; Udell; 1.0 mi E. and 1.5 mi S. of; at approximate center between secs. 20 and 29, T. 69 N., R. 16 W., 24 ft N. and 21 ft W. of crossroads; chiseled square W. end of concrete culvert	986.370

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 5. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

4	5	3.1	Udell; 1.5 mi S. and 1.5 mi E. of, in SW $\frac{1}{4}$ of sec. 21, T. 69 N., R. 16 W., 40 ft N. and 45 ft W. of E.-W. rd. at field entrance N. 1 ft S. of fence and 4 ft W. of power pole with transformer, in concrete post standard tablet stamped "27 HK 1966"	991.329
5		3.1	Reference mark, about 70 ft S. and 370 ft W. of EM; painted square at E. end of culvert at field entrance S.	981.23
6		4.0	UE 27 A; about 0.9 mi E. of EM; at approximate cor. secs. 21, 22, 27 and 28, T. 69 N., R. 16 W., junction E.-W. rd. and State Hwy. 369, chiseled square at center of crossroads.	974.18
7		4.5	UE 27 B; about 1.4 mi E. of EM, center of E.-W. rd. at field entrance N.	981.8
8		5.0	UE 27 C; about 1.9 mi E. of EM; at approximate cor. secs. 22, 23, 26 and 27; T. 69 N., R. 16 W.; center of T-rd. N.	931.1
9		5.7	UE 27 D; about 2.6 mi E. of EM; center of E.-W. rd. at N.-S. fence	955.8
10		6.2	Udell; 4.5 mi E. and 1.5 mi S. of; at approximate cor. secs. 23, 24, 25 and 26, T. 69 N., R. 16 W., 25 ft N. and 30 ft W. of crossroads; in SW. cor. of concrete culvert standard tablet stamped "28 HK 1966"	905.010
10		6.2	Reference mark about 80 ft SE. of EM. chiseled square in SE. end of concrete culvert	903.46
11		6.5	UE 28 A; about 0.3 mi E. of EM; copper nail and washer at S. center of bridge over RR. track	966.26
12		6.9	UE 28 B; about 0.6 mi E. of EM; center of E.-W. rd. at field entrance S.	965.6
13		7.2	UE 28 C; about 1.0 mi E. of EM; at approximate S. center between secs. 19 and 24, T. 69 N., R. 15 and 16 W.; 25 ft N. and 2 ft E. of crossroads; painted square at E. end of culvert	945.7
14		8.0	UE 28 D; about 1.8 mi E. of EM; in SE $\frac{1}{4}$ of sec. 19, T. 69 N., R. 15 W., center of T-rd. S.	935.6
15		8.8	UE 28 E; about 2.6 mi E. of EM; in approximate S. center of sec. 20; T. 69 N., R. 15 W., top of bolt, painted white at E. center of bridge over creek	960.70
16		9.2	Udell; 1.0 mi S. and 7.5 mi E. of; West Grove, 2.5 mi N. and 2.4 mi W. of at approximate E. center of sec. 20, T. 69 N., R. 15 W.; 45 ft S. and 18 ft W. of E.-W. rd. at drive S. to farmhouse; 1 ft N. of fence, in concrete post standard tablet stamped "29 HK 1966"	927.145
16		9.2	Reference mark, about 300 ft W. and 60 ft N. of EM, painted square at N. end of culvert	919.95
17		9.4	UE 29 A; about 0.2 mi E. of EM; center of T-rd. S.	902.4
18		9.9	UE 29 B; about 0.7 mi E. of EM, center of E.-W. rd. at field entrance N.	945.1
19		10.4	UE 29 C; about 1.2 mi E. of EM; at approximate center between secs. 21 and 22, T. 69 N., R. 15 W., 24 ft N. and 18 ft E. of T-rd. W.; chiseled square at E. end of concrete culvert.	933.10

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 5. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

4	20	10.5	T-rd. E.	913.6
	20	11.1	UE 29 D; about 1.9 mi E. of BM, center of E.-W. rd. at field entrance N.	911.8
	21	11.7	UE 29 E; about 2.5 mi E. of BM, in NW $\frac{1}{4}$ of sec 23, T. 69 N., R. 15 W; copper nail and washer at S. center of bridge over creek	836.69
	22	12.1	T-rd. E.(offset crossroads)	886.0
	23	12.2	West Grove; about 2.75 mi N. of, at approximate N. center of sec. 23, T. 61 N., R. 15 W.; about 425 ft E. and 35 ft S. of offset crossroads; 1 ft N. of fence line and 3 ft W. of power pole; in concrete post standard tablet stamped "30 EK 1966"	887.513
	23	12.2	Reference mark, about 230 ft W. and 55 ft N. of BM; painted square at N. end of culvert	878.92
	24	12.7	UE 30 A; about 0.4 mi E. of BM, center of E.-W. rd. at field entrance N.	886.8
	25	13.1	T-rd. W.	825.8
	26	13.6	UE 30 E; about 1.3 mi E. of BM, at approximate center of section 24, T. 69 N., R. 15 W., copper nail and washer at S. center of bridge over Fox River	826.69
	27	14.0	UE 30 C; about 1.8 mi E. of BM, at approximate E. center between secs. 24 and 25, T. 69 N., R. 15 W.; center of T-rd. E.	907.2
	28	14.5	UE 30 D; about 2.3 mi E. of BM, E.-W. rd. at fence N.	903.7
	29	15.3	T-rd. W.	873.8
	30	15.3	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 center of E. headwall of culvert, chiseled square painted 866.6	866.48

LINE 6.

GENERALLY NORTH ALONG NORTH HALF OF EAST BORDER (by R. E. Carey, 1955; Book CV 692)

OTTUMWA SOUTH QUAD. - 29

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 RE) RFP	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 secs. 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

LINE 6.(Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

- 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 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 $\frac{1}{4}$ of sec. 32, S. point of grass at rd. forks 860.0
- 10.2 T. P., 100 ft N. of UE, 18 ft E. center of rd. 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

- 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 $\frac{1}{4}$ of 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, in concrete post, a standard tablet stamped "110 RC 1955 839" (Not found 10-66 DDB) 839.124

LINE 6.(Cont'd.)

Feet

BLAKESBURG QUAD. - 30

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 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 sec. 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 W., in concrete post; standard tablet stamped "111 RC 1955 862"	861.548
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 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 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

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BLAKESBURG QUADRANGLE
30 - Iowa

LINE 6. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

- 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

LINE 7.

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

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
- 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; copper nail and washer 850.78

BLAKESBURG QUAD. - 30

- 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

LINE 7. (Cont'd.)

Feet

OTTUMWA SOUTH QUAD. - 29

- | | |
|---|---------|
| 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 | 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 |
| 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-street 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 higher and painted U.S.B.M., 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. 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 |

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BLAKESBURG QUADRANGLE

30 - Iowa

LINE 7. (Cont'd.)FeetBLAKESBURG QUADRANGLE - 29

- 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, 3.0 mi N. and 1.3 mi W. of, in the NW $\frac{1}{4}$ 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 "T 14 MT 1955 730" 730.024 NF
11.75 JEB
- 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, chiseled square 722.10
- 14.4 Center of bridge, 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

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, copper nail and washer 728.79
- 16.2 USGS standard tablet stamped "107 RC 1955" (described in Line 6.) 756.968

LINE 8.

GENERALLY NORTH ALONG SOUTH HALF WEST BORDER (By J. M. Lawson, L. E. Marsden, 1938; B 7837)

BLAKESBURG QUAD. - 30

- At Udell, along the Wabash RR, 99 ft SE. of milepost 251, 216 ft NW. of depot, 27 ft NE. of center of track, 33 ft SW. of center of public rd.; a standard USC&GS disk, stamped "B 120 1935" and set in top of a concrete post (Reported not found 10/66 DES) 996.383
- At Udell, along the Chicago, Rock Island and Pacific RR, 13 $\frac{1}{2}$ poles NE. of milepost 328, 66 ft SW. of Wabash RR. overhead crossing, 35 ft N. of center of track; a standard USC&GS disk stamped "M 119 1935" and set in top of a concrete post 981.852
- Udell, 243 ft NE. of C, RI, & P RR. depot at, on the N. side of RR track on the SW. cor. of concrete base of signal tower; a chiseled square 996.63
- Top of N. rail of RR. track and N.-S. rd. crossing 993.8
- Udell, about 0.75 mi E. of along the C.R.I. & P RR., in the NW $\frac{1}{4}$ of sec. 8, T. 69 N., R. 16 W., 570 ft NE. of RR. crossing, N.-S. rd., on S. side of track, on top of the NW. cor. of concrete base of signal tower; a chiseled square 996.28
- T. 69 N., R. 16 W., in the W. half of sec. 5, 3900 ft S. of rd. forks, 1 mi E. of Udell, along RR., thence 0.9 mi N., 450 ft N. of rd. opposite white house, 33 ft W. of center of rd., in the NE. cor. of feed lot, in root on W. side of 17-in. lone elm tree; a copper nail and washer 986.10

LINE 8. (Cont'd.)

Feet

BLAKESBURG QUAD. - 30

- T. 70 N., R. 16 W., in SW $\frac{1}{4}$ of sec. 32; 1 mi E. and 2 mi N. of Udell, 25 ft NE. of well, in the W. rd. fence, in concrete post; standard tablet stamped "TT 14 L 1938" (reset 1956) 986.300 ft
- T. 70 N., R. 16 W., in the SW $\frac{1}{4}$ of sec. 31, on steel frame bridge over S. branch of S. Soap Creek, on top of the NE. steel cap, resting on 15 in x 15 in wooden piling; a chiseled square 841.07

MYSTIC QUAD. - 31

- T. 70 N., R. 17 W., quarter cor. between NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 25, 56 ft N. and 12 ft E. from T-rd. N.; in concrete post; standard tablet stamped "TT 15 L. 1938" 976.726
- T. 70 N., R. 17 W., cor. secs. 11, 12, 13 and 14; 32 ft N. and 42 ft W. from center of crossroads; inside of field fence, in concrete post; standard tablet stamped "TT 16 L 1938" (Reported not found 6-65 DEK) 989.395
- T. 70 N., R. 17 W., in NW $\frac{1}{4}$ of sec. 2, W. of schoolhouse, 150 ft SE. of white house, 15 ft S. of rd. opposite gate, in concrete post; standard tablet stamped "PTS 5 1923 MAC" 987.029
- Meravia, at; at the NW. cor. of city park, 153 ft NW. of the NW. cor. of recreation hall at the center of the park, and 6 ft SE. of a flagpole; a USC&GS standard disk stamped "U 119 1935" and set in top of a concrete post projecting 0.5 ft above ground 998.646