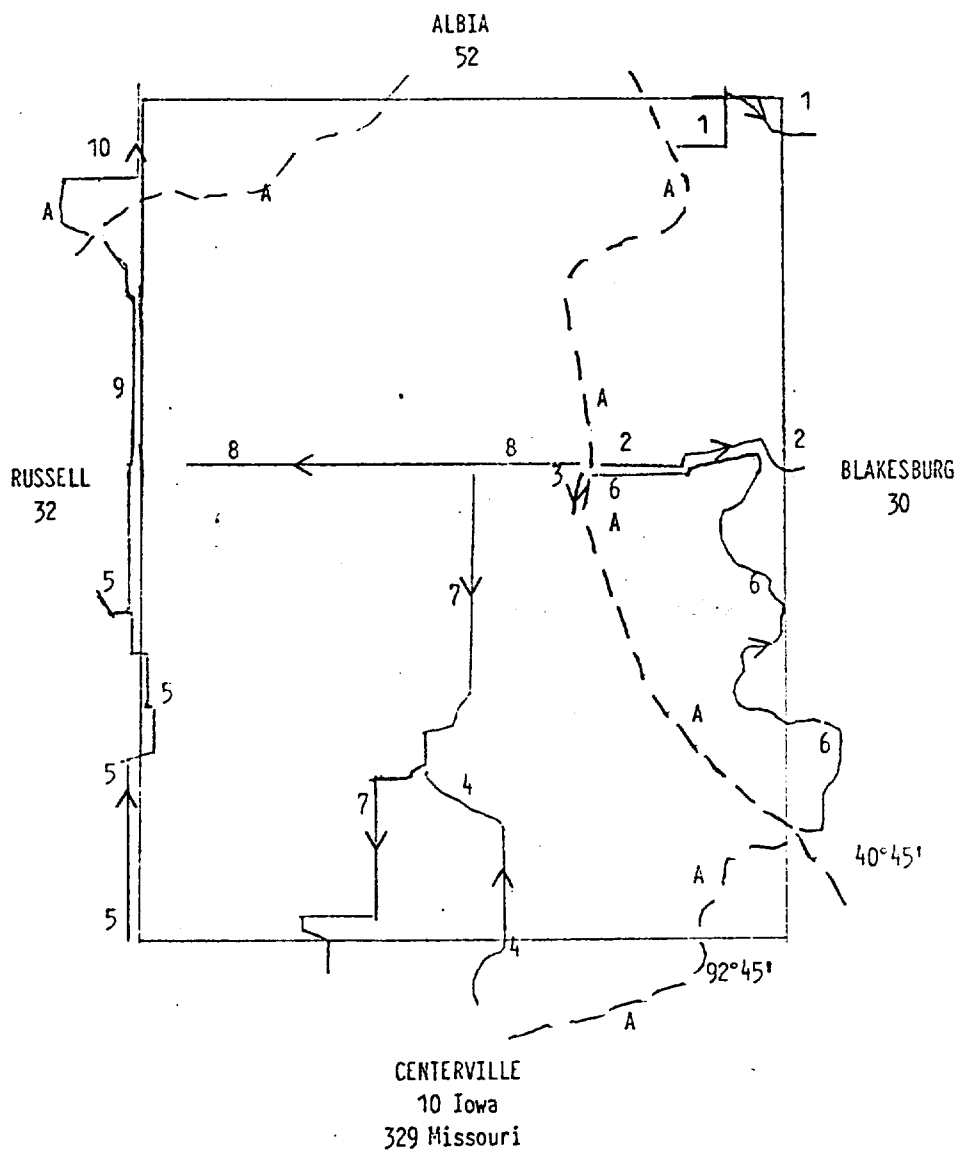


RD-ORDER LEVELS  
LOCAL GEODETIC VERTICAL DATUM OF 1929  
Final Adjustment of 1967

40-092-44  
MYSTIC QUADRANGLE  
31 - IOWA  
R4245-W9245/15  
DIAGRAM HK 15-11  
CENTERVILLE

PR: DB/rs



Quadrangle No. 400924

31-D  
31 L

LINE 1

FEET

H. Kablesh, 1966; Book CV-2086

MYSTIC QUADRANGLE

- 1 53 0.0 Albia; 3.1 mi S. along Wabash RR. from crossing of Chicago, Burlington and Quincy RR. at Albia; Monroe Co. 8½ 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 E½ 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
- 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
- 7 2.8 Albia, 2.0 mi S. and 2.0 mi E. of; in SE¼ 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" 957.069
- 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 SW¼ 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 SE¼ 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

BLAKESBURG QUAD. - 30

- 61 5.4 UE 10 D; about 2.6 mi E. along Co. Rd. C. from BM, in SW¼ 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
- 2 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

LINE 2

FEET

H. Kablesch, 1966; Book CV-2086

MYSTIC QUAD. - 31

|   |     |     |                                                                                                                                                                                                                                                               |         |
|---|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 3 | 2   | 0.0 | Moravia at the NW. cor. of City Park, 153 ft NW. of the NW. cor. of the Recreation Hall at the center of the park and 6 ft SE. of the flag pole, a standard USC&GS disk stamped "0 119 1935" and set in top of a concrete post projecting 0.5 ft above ground | 998.646 |
| 2 | 0.5 |     | UE 119 A; Moravia, about 0.5 mi E. of; at approximate W. center of sec. 3, T. 70 N., R. 17 W.; 15 ft N. and 10 ft W. of center of E.-W. rd. at drive N. to pipeline pump house; painted square at W. end of culvert                                           | 980.2   |
| 3 | 1.3 |     | UE 119 B; Moravia, about 1.3 mi E. of; in NW¼ of sec. 2, T. 70 N., R. 17 W., 18 ft N. and 12 ft W. of center of E.-W. rd. at field entrances N.-S. painted square at W. end of steel culvert                                                                  | 907.1   |
| 4 | 1.9 |     | UE 119 C; Moravia, about 1.85 mi E. of; in NE¼ of sec. 2, T. 70 N., R. 17 W., center of E.-W. rd. at field entrance N.                                                                                                                                        | 987.0   |
| 5 | 2.6 |     | Moravia, about 2.61 mi E. of, in NW¼ of 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"                      | 947.88  |
| 5 | 2.6 |     | Reference mark, 320 ft W. of BM, rail spike in 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 N¼ 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 SE¼ of sec. 6, T. 70 N., R. 16 W., copper nail and washer in NE. cor. of bridge over creek                                                                                                                               | 863.99  |

BLAKESBURG QUAD. - 30

|    |     |  |                                                                                                                                                                                                    |         |
|----|-----|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 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 SE¼ of sec. 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 in fence cor. post                                                                                                                                     | 953.76  |
| 12 | 5.5 |  | Moravia, about 5.5 mi E. of along rd., in SW¼ of sec. 5, T. 70 N., R. 16 W., 85 ft SE. of SE. cor. schoolhouse; 33 ft NW. of center of rd., in concrete post standard tablet stamped "11 4 M 1935" | 954.435 |

LINE 3

FEET

H. Kablesh, 1966; Book CV-2086

MYSTIC QUAD. - 31

- 3 45 0.0 At Moravia, Appanoose Co., at the NW. cor. of the city park, 153 ft NW. of the NW. cor. of the recreation hall at the center of the park, and 6 ft SE. of a flagpole; a standard USC&GS disk stamped "U 119 1935" and set in top of a concrete post projecting 0.5 ft above ground; Found in good condition as described 998.646
- 45 0.4 UE A; about 0.4 mi W. of City Park in Moravia; chiseled square at E. edge of Hwy. 60 and E.-W. rd 996.18
- 46 0.7 At Moravia; Appanoose Co., on the Wabash RR., 162 ft S. of the station, 75 ft W. of a stucco house, at a street crossing, 39 ft S. of the center of the street, 39 ft E. of the center of the track, and 1- $\frac{1}{2}$  ft lower than the track; a standard USC&GS disk stamped "T 119 1935" and set in top of a concrete post 998.577

LINE 4

M. D. Duerk, 1965; Book CV-1868

CENTERVILLE QUAD. - 10

- 0.0 At Centerville, at the First National Bank, 4.5 ft E. of the front(S) entrance, 3 ft W. of the SE. cor. of the building, in the top of a limestone block, 4-in. back from the sidewalk, and 3-in. above the sidewalk; a standard USC&GS disk, stamped "J 119 1935" and set in top of a concrete post 1003.57
- 1.0 UE J A, 1.0 mi N. of BM, near the quarter cor. between secs. 25 and 30, T. 69 N., R. 17 and 18 W., 14 ft NE., 38 ft NW., 4.9 ft lower than center of normal to Hwy. 60, at E.-W. rd. crossing on top of W. end of a 12-in. round concrete culvert; a chiseled square 976.29
- 1.5 Center of I-rd. W.; copper nail and washer 901.0

MYSTIC QUAD. - 31

- 2.0 Reference mark, 75 ft W. of BM; 50 ft S. and 41.0 ft W. of I-rd. E.; in NE. root of 24-in. walnut tree; a copper nail and washer 900.73
- 2.0 Centerville, at the junction of Hwys. 60 and 2; 1.5 mi N., 0.5 mi E. of; near center between secs. 19 and 30, T. 69 N., R. 12 W., 66.5 ft S., 34.5 ft E. and 0.2 ft higher than I-rd. E.; 26.0 ft S. and 2 ft W. of a fence cor., 20 ft SE. of power pole; in concrete post; a standard tablet stamped "ET 1 HK 1965" 901.102
- 3.0 UE, 1.0 mi N. of BM, along Hwy 60; near the quarter cor. between secs. 18 and 19, T. 69 N., R. 17 W., 20 ft N., 36 ft E., and 1.9 ft higher than Hwy. 60 at I-rd. W. in SW. cor. of bottom step to pole, out 952.64
- 4.0 UE Centerline, Hwy. 60 and S. junction Hwy. 278; copper nail and washer 928.4
- 4.5 Reference mark, 210 ft E. of BM, 153 ft NW. and 28 ft SW. and normal to Hwy. 278 at rd. crossing; SW.; on top of S. end of 24 in. round concrete culvert; a chiseled square 868.83
- 4.5 Centerville, at the junction of Hwys. 60 and 2; 3.8 mi N. and 0.2 mi E. of; near the center of sec. 7; T. 69 N., R. 17 W., 360 ft NW.; thence 59 ft SW. and 0.1 ft higher than and normal to Hwy. rd. crossing; NE. and SW.; 1 ft NE. of a right-of-way fence; in concrete post; a standard tablet "9 RDD 1965" 70.72

LINE 4 (Cont'd)

FEET

- 5.3 UE 9 A, 0.8 mi NW. of B.M., along Hwy. 278; in NW $\frac{1}{4}$  of sec. 12, T. 69 N., R. 18 W., 56 ft NW., 29 ft SW. and 2.6 ft lower and normal to Hwy. 278 at drive NE.; in S. end of 24-in. round concrete culvert; a chiseled square 934.05
- 5.9 UE 9 B; 1.4 mi NW. of B.M., along Hwy. 278; at a concrete bridge at S. edge of Rathbun, T. 69 N., R. 18 W., near cor. sec. 1, 2, 11 and 12; 12 ft E. of center of rd. and 3.0 ft lower than center of bridge on S. end of E. bridge curbing, a chiseled square 879.91
- 7.1 Rathbun, 1.0 mi W. of, along gravel rd.; near the cors. of secs. 2, 3, 10 and 11; T. 69 N., R. 18 W.; 96 ft N. and 20 ft E. of extended center of rd. S.-E. 9 ft E. of right-of-way fence; in concrete post; a standard tablet stamped "TI 25 L 1938" 955.599

LINE 5

K. E. Daly, 1965: Book CV-1866

SEYMOUR QUAD. - 11

- 4.4 UE 12 LB, T. 69 N., R. 19 W., on line between secs. 25 and 26; about 0.3 mi S. of cor. secs. 23, 24, 25 and 26, at bridge over walnut creek; on E. side of bridge on SE. rivet head in steel "I" beam cap over piling at S. end of bridge (Rd. 1.0 ft higher) 923.49

RUSSELL QUAD. - 32

- 5.6 Reference mark, is 390 ft W. of tablet, 28.5 ft S. and 20.5 ft W. of crossroads; top of bolt clamp on W. end of 1.5 ft metal culvert under N.-S. rd. 1001.38
- 5.7 Plano, 1.0 mi N. and 2.5 mi E. of; T. 69 N., R. 19 W.; near cor. secs. 13, 14, 23 and 24; 44 ft N.; 368 ft E. and 5.2 ft higher than I-rd. N. of offset crossroads; 4 ft N. and 1 ft E. of SW. cor. of Philadelphia cemetery, in a concrete post projecting 4-in. a standard tablet stamped "1 KED 1965" 1010.459
- 5.9 Center of crossroads 1005.2
- 6.8 UE 1 A, 1.1 mi N. of tablet, T. 69 N., R. 19 W., near cor. secs. 11, 12, 13 and 14, 30 ft N., 25 ft W. and 3.7 ft lower than dim I-rd. W.; W. end of 4 ft round metal culvert; chiseled square 991.26
- 6.9 I-rd. W. 995.
- 6.9 UE 1 B, 1.8 mi N. of tablet, T. 69 N., R. 19 W.; approximately 0.25 mi S. of cor. secs. 1, 2, 11 and 12; at a bridge over Wold Branch, 11.5 ft W. of N.-S. rd. and 1.0 ft above rd. at bridge; S. end of W. concrete base of iron railing; chiseled square 954.31
- 8.3 Plano, 3.5 mi N. and 2.5 mi E. of, T. 69 N., R. 19 W., at I-rd. S.; at quarter cor. between secs. 1 and 2, in line with rd. S. and 20 ft N. of E.-W. rd., in a concrete post; standard tablet stamped "PTS 28 1923 MAC" 1004.179
- 8.3 Reference mark, is 52.5 ft W. of tablet, 29 ft N., and 50 ft W. of I-rd. S., in S. root of 3.0 ft elm tree, head of RR. spike; painted "RM" 1005.37

LINE 5 (Cont'd)

MYSTIC QUAD. - 31

FEET

- 8.9 UE, 28 A, 0.6 mi E. of tablet, T. 69 N., R. 19 W., near center of sec. 1, 412 ft N. of T-rd. N., 15 ft W. of center of rd. and drain 0.4 ft lower; center of W. headwall of a 6.0 ft concrete box culvert; chiseled square 954.90
- 9.4 Center of crossroads 1009.2
- 9.4 UE 28 B, 0.5 mi N. and 0.5 mi E. of tablet, T. 69 and 70 N., R. 19 W., near quarter cor. between secs. 1 and 36, 33 ft N., 31 ft W. and 1.9 ft lower than crossroads; W. end of 2.5 ft round concrete culvert chiseled square 1007.29
- 10.4 UE 28 C, 1.25 mi N. and 0.25 mi E. of tablet, T. 70 N., R. 19 W., near center of NW. quarter of sec. 36, approximate 0.1 mi S. of farm on W. side of rd., 29 ft E. and 5.3 ft lower than rd. at drain; E. end of 2.5 ft metal culvert; chiseled and painted square 979.05
- 10.4 Rd. at drain 984.4
- 11.4 UE 28 D, 2.25 mi N. and 0.2 mi E. of tablet; T. 70 N., R. 19 W., near center of NW. quarter of sec. 25, approximately 400 ft W. of right angle bend in rd. from S. to W.; 16 ft S. and 1.8 ft lower than rd. at culvert; S. end of 2 ft round concrete culvert, chiseled square 994.21

RUSSELL QUAD. - 32

- Walnut City, 2.5 mi N. and 3.0 mi W. of; T. 70 N., R. 19 W., near quarter cor. between secs. 23 and 24; 705 ft S., 39 ft E. and 21.5 ft higher than crossroads, 290 ft SE. of SE. cor. of North Bend Christian Church; 2 ft W. of right-of-way fence, in a concrete post; a standard tablet stamped "2 KED 1965" 998.197
- 12.2 Reference mark, is 294 ft NW. of tablet, 27 ft W. of center of rd., 3 ft S. and 15.5 ft E. of entrance to church; SE. cor. of sidewalk; chiseled square 987.93
- 12.3 Center of crossroads 979.5
- 13.3 UE 2 A, 1.1 mi W. and N. along rd. from tablet, T. 70 N., R. 19 W., 0.25 mi E. of cor. secs. 14, 15, 22 and 23; on top of SW. support of bridge across S. fork of Charition River; chiseled square; painted "UE 2 A" 894.212

LINE 6

J. M. Lawson; 1938, Book B-7837

BLAKESBURG QUAD. - 30

- Udell, along the Wabash RR., 99 ft SE. of milepost 251, 216 ft NW. of (old) depot, 27 ft NE. of center of track, 33 ft SW. of rd., 1.5 ft below track level, set in top of concrete post; a standard DSC&GS disk stamped "B 120 1935" (Reported destroyed 6-65 DEK) 996.383
- T. 70 N., R. 16 W., in SW $\frac{1}{4}$  of sec. 2, 0.75 mi E. and 2.0 mi N. from Udell (Rock Island) depot, 25 ft NE. of well, in the W. rd. fence, in concrete post; standard tablet stamped "T1 14 L 1938 RESET 1956" 985.073

MYSTIC QUAD. - 31

- O 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 "T1 15 L 1938" 976.726

LINE 6 (Cont'd)

FEET

- I. 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 "TI 16 L 1938" (Reported not found 6-65 DEK) 989.395
- I. 70 N., R. 17 W., in 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
- Moravia, at; at the NW. cor. of city park, 153 ft NW. of the NW. cor. of recreation hall at the center of the park, 6 ft SE. of a flagpole; a standard USC&GS disk stamped "U 119 1935" and set in top of concrete post projecting 0.5 ft above ground 998.646

LINE 7

J. M. Lawson, 1938; Book B-7837

MYSTIC QUAD. - 31

- I. 70 N., Rs. 17 and 18 W., cor. secs. 13, 18, 19 and 24, 125 ft N. and 20 ft W. of crossroads, 400 ft W. of church, in concrete post; standard tablet stamped "TI 27 L 1938" 964.968
- Derbyville, on the C.M. ST. P. & P. RR., 350 ft NE. of RR. culvert I-529, on RR. right-of-way, 48 ft E. of track, 15 ft S. of private rd. crossing, in concrete post; standard tablet stamped "TI 26 L 1938" 885.720
- burn, 1.0 mi W. of along gravel rd., near cor. secs. 2, 3, 10 and 11, I. 69 N., R. 18 W., 96 ft N. and 20 ft E. of extended center of rds. S.-E., 9 ft E. of right-of-way fence, in concrete post; standard tablet stamped "TI 25 L 1938" 955.599
- I. 68 N., R. 18 W., quarter cor. between secs. 22 and 23, 1340 ft S. of I-rd. E.; 28 ft S. and 40 ft W. from I-rd. W.; 20 ft N. and 45 ft W. of I.S.U. Electric RR. crossing N.-S. rd., in concrete post; standard tablet stamped "TI 24 L 1938" (Reported not found 6-65 DEK) 995.777

LINE 8

J. M. Lawson, 1938; Book B-7837

MYSTIC QUAD. - 31

- Moravia, at; on the Wabash RR., 162 ft S. of the station, 75 ft W. of a stucco house, at a street crossing, 39 ft S. of the center of street, 39 ft E. of the center of track, and 1.5 ft lower than track; a standard USC&GS disk stamped "U 119 1935" and set in top of concrete post (Reported not found 6-65 DEK) 998.577
- I. 70 N., R. 17 W., quarter cor. between secs. 5 and 6, 33 ft S. and 43 ft W. of I-rd. S., 2 ft N. of right-of-way fence, in concrete post standard tablet stamped "TI 28 L RESET 1962" (Not Found 3-79 AJK) 998.987
- I. 70 N., R. 18 W., 85 ft SE. of quarter cor. between secs. 2 and 3, 200 ft SE. of J.C. McHord's house, in concrete post; standard tablet stamped "PTS 3 1923 MAC" (Not Found 3-79 AJK) 989.352
- I. 70 N., R. 19 W., 900 ft S. and 400 ft E. of quarter cor. between secs. 1 and 6; 300 ft NE. of O.L. Collin's house, 8 ft N. of black oak tree, in concrete post; standard tablet stamped "PTS 2 1923 MAC" (Not Found 3-79 AJK) 993.260

LINE 9

FEET

A. J. Keeps, 1979; Sock CV-3530

RUSSELL QUAD. - 32

- 1 2 0.0 BM, 1.6 mi E. along the Chicago, Burlington & Quincy R.R. from the station at Melrose, Monroe County, 7 poles NW. of milepost 317, at bridge 317.13; in the top of the SW. end of the NW. abutment, 9 ft SW. of the center-line of the SW. track; and about 1-½ ft lower than the track; a standard disk stamped "R 111 1935" 856.793
- 2 .6 UE R A, near center at SW¼ sec. 11; T. 71 N., R. 19 W.; 11 ft N. and .7 ft higher than E. end of a bridge, on E. end of N. concrete railing; a chiseled square 861.60
- 4 1.5 UE R B, near N. sixteenth cor. secs. 13 and 14; T. 71 N., R. 19 W.; 54 ft N., 43 ft W. and .9 ft lower than T-rd. N., on W. end of a corrugated culvert; a cut X 995.21

MYSTIC QUAD. - 31

- 7 2.1 UE R D; about .1 mi N. of W. sixteenth cor. secs. 13 and 24; T. 71 N., R. 19 W., and 1.7 ft lower than crossing of rd; in center of W. headwall of a concrete box culvert; a chiseled square 906.99
- 9 2.6 RM, about 443 ft NW. of tablet; 10 ft N. and 33 ft W. of a field entrance; on N. end of a corrugated culvert; a cut X 1001.74
- 10 2.7 Melrose; 2.7 mi S. and 2.7 mi E.; about 0.3 mi W. of center section 24; T. 71 N., R. 19 W., About 177 ft S.-SW. of "Y" fork in rd.; 31 ft S., 37 ft E. and 0.8 ft lower than rd. at fence W.; 16 ft S. and 9 ft E. of a fence corner; 1 ft W. of a power pole; on a copper coated steel rod; a standard tablet stamped "1 KEE 1979" 1001.386
- 14 3.6 UE 1 KEE-C; about 600 ft S. of T-rd. W. in NW¼ sec. 25; T. 71 N., R. 19 W.; 30 ft W. and 5.5 ft lower than rd. at drain; 4 ft E. of W. end of a 48" corrugated culvert; a cut "X" 936.43
- 18 4.7 UE 1 KEE-D; 131 ft W., 23 ft S. and 4.6 ft lower than T-rd. N.; 1 mi N. and 0.2 mi E. of "2 KEE 1979" 980.24

RUSSELL QUAD. - 32

- 21 5.9 RM; 42 ft N. and 180 ft W. of BM; 41 ft S. and 44 ft E. of private drive S.; 1 ft W. of E. end of a 14" corrugated steel culvert; a copper nail and washer 976.44
- 22 5.9 BM, 2 KEE 1979; Melrose; 5.6 mi S. and 2.5 mi E. of; 2.5 mi W. of Iconium; at ¼ cor. secs. 1 and 2; T. 70 N., R. 19 W.; 86 ft S., 28 ft E. and 1.0 ft lower than T-rd. S., at offset x-rd.; 5 ft S.-SW. of a telephone switching box; 1.5 ft W. of a witness post, on a copper coated steel rod; a standard tablet stamped "2 KEE 1979" 979.358
- 24 6.5 BM-AP 690 A; Iconium; 2.5 mi W. and .6 mi S. of; 381 ft S., 35 ft E. and 21 ft lower than drive W.; 5 ft E. of N.-S. fence; 2 ft N. of a witness post, in a concrete post; a U.S.C.E. disk stamped "AP 690 A 1973" 965.134
- 30 7.6 Walnut City; 2.5 mi N. and 3.0 mi W. of; T. 70 N., R. 19 W.; near quarter cor. between secs. 23 and 24; 705 ft S., 39 ft E. and 21.5 ft higher than crossroads; 290 ft SE. of SE. cor. of North Bend Christian Church; 2 ft W. of right-of-way fence; in a concrete post; a standard tablet stamped "2 KED 1965" 998.197

LINE 10

FEET

A. J. Keeps, 1979; Book CV 3530

RUSSELL QUAD. - 32

- 1 34 0.0 BM., R 111, 1935 (Previously described in Line 9) 856.793
- 37 1.6 UE R 3, near center sec. 2; T. 71 N., R. 19 W.; 44 ft S., 17 ft E. and 5.1 ft lower than rd. at drive S. on E. end of a corrugated culvert; a copper nail and washer 954.06
- 40 3.6 UE R 5; near center of sec. 1; T. 71 N., R. 19 W.; 35 ft N., 23 ft E. and 2.1 ft lower than rd. at drive S.; 0.5 ft E. of W. end of a corrugated steel culvert, at a field entrance N.; a nail and copper washer 925.10

MYSTIC QUAD. - 31

- 41 4.3 RM.; 30 ft N. and 110 ft W. of tablet; 0.5 ft E. of W. end of concrete railing of bridge; a chiseled square 845.13
- 42 4.3 BM., Melrose; 3.7 mi E. of; in SW $\frac{1}{4}$  of sec. 6; T. 71 N., R. 18 W.; at a concrete bridge over Contrary Creek; 55 ft E., 15 ft S. and 1.7 ft lower than bridge, set in concrete footing of bridge; a standard tablet stamped "3 KEE 1979" 842.301
- 45 5.1 UE 3 A; near center of sec. 6; T. 71 N., R. 18 W.; 16 ft N., 31 ft E. and 1.8 ft lower than I-rd. E., an "X" on N. end of a corrugated culvert 943.16

ALBIA QUAD. - 52

- 48 6.2 UE 3 C; near  $\frac{1}{4}$  cor. secs. 31 and 36; T. 72 N., R. 18 and 19 W.; 53 ft W. and 4.1 ft lower than drive W.; 17 ft N. end of a corrugated culvert; an "X" 972.15
- 51 7.5 UE 3 F; centerline of highway 34; near N. sixteenth cor. secs. 25 and 30; T. 72 N., R. 18 and 19 W.; a nail and copper washer 976.24

MELCHER QUAD. - 53

- 53 8.6 RM; 705 ft S. and 37 ft W. of BM; 364 ft S. and 17 ft W. of "Y" fork, on W. end of a corrugated culvert; a nail and copper washer 979.84
- 54 8.8 BM, Melrose; 3.0 mi E.; 3.5 mi N. of; 0.7 mi N. and 2.1 mi W. of Georgetown (Church); near center of sec. 24; T. 72 N., R. 19 W.; 338 ft N. and 20 ft E. of "Y" fork; 2 ft S. of a pole and 1.5 ft W. of a witness post, on a copper coated steel rod; a standard tablet stamped "4 KEE 1979" 979.436

ISOLATED BENCH MARKS

RUSSELL QUAD. - 32

- T. 71 N., R. 19 W., on sec. line between secs. 13 and 14; approximately 0.25 mi S. of cor. secs. 11, 12, 13 and 14; I-rd. W.; on E. side of N.-S. rd.; 1 ft W. of E. fence; 2.5 ft S. of center of rd. W.; 18 ft S. of S. line of house on E. side of rd.; standard tablet stamped "12 E 1933" 996.731

ISOLATED FENCE MARKS (Cont'd)

FEET

MYSTIC QUAD. - 31

- I. 71 N., Rs. 18 and 19 W., quarter cor. between secs. 19 and 24, 40 ft NW. of crossroads; 10 ft NE. of cor. fence post; in concrete post standard tablet stamped "PTS 1 MAC 1923" (Not Found 3-79 AJK) 964.336
- I. 70 N., R. 19 W., 900 ft S. and 400 ft E. of quarter cor. between secs. 1 and 6; 300 ft NE. of O. L. Collins house, 8 ft N. of black oak tree; in concrete post; standard tablet stamped "PTS 2 1923 MAC" (Not Found 3-79 AJK) 993.260

RUSSELL QUAD. - 32

- I. 70 N., R. 19 W., at quarter cor. between secs. 1 and 2; in SE. cor. of crossroads; on top of center of concrete head-wall of culvert; chiseled square 976.60
- I. 70 N., R. 19 W., on line between secs. 11 and 12; near quarter cor.; on SE. concrete wingwall of small steel bridge over dry run; on E. side of SE. end of truss; chiseled square 893.77
- I. 70 N., R. 19 W., 60 ft SW. of crossroads; at quarter cor. between secs. 23 and 24; 250 ft N. of schoolhouse; in concrete post; standard tablet stamped "PTS 27 1923 MAC" 979.260
- I. fence mark, on cement platform in front of N. Band School; 205 ft S. of post; on S. edge of platform; 1 ft from building; chiseled square 982.68
- I. 69 N., R. 19 W., on line between secs. 11 and 12; near quarter cor. at S. branch of Wolf Creek; on W. side of rd. on headwall of 4 ft pipe culvert; 18 ft SE. of N. end; chiseled square 955.76
- I. 69 N., R. 19 W., on sec. line between secs. 13 and 14; about 0.11 mi N. of quarter cor., 1.5 ft S. from N. end concrete headwall of 42-in. pipe culvert; on W. side of N.-S. rd.; chiseled square 961.87
- I. 69 N., R. 19 W., about 105 ft N. of quarter cor. between secs. 23 and 24; 210 ft S. of C. B. & Q. RR. crossing; 15 ft E. of center of rd. and 2 ft from fence; in concrete post standard tablet stamped "PTS 29 1923 MAC 1018" 1017.808
- I. 69 N., R. 19 W., on line between secs. 25 and 26; about 0.3 mi S. of cor. to secs. 23, 24, 25 and 26; at bridge over Walnut Creek; on E. side of bridge on SE. rivet head in steel "I" beam cap over piling at S. end of bridge 914.99