

OFFICE COPY HOLD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

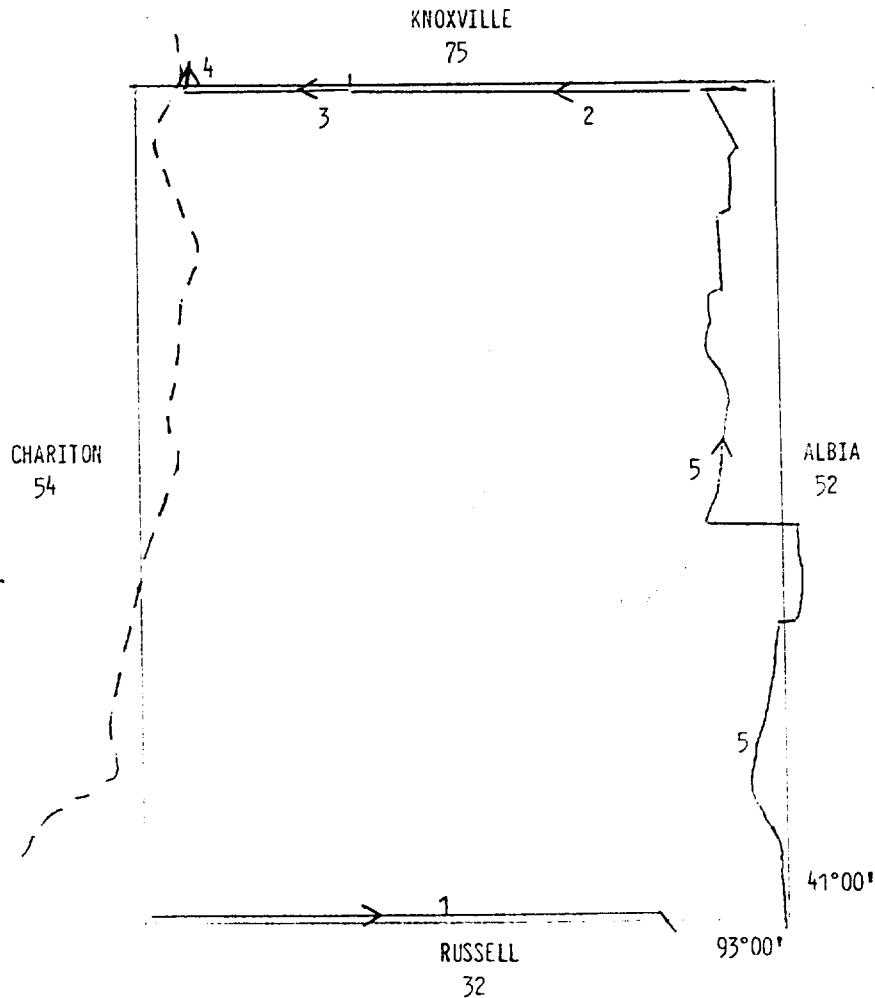
41-093-22
MELCHER QUADRANGLE
53 - IOWA
N4100-W9300/15
DIAGRAM NK 15-8
DES MOINES

2ND ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MARION, HENRIE AND LUCAS COUNTIES

Edition of: 2/21/80

PR: DB/rs



N.G.S. (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle No. 410932

53 D

LINE 1

FEET

H. A. Gillette, 1933; B-5065

MELCHER QUAD. 53

1. 72 N., R. 20 W., at SW. cor. sec. 27, in NE. angle of T-rd. N.; private rd. S., 140 ft E. of Victory School, 5 ft E. of fence corner; iron post stamped "Iowa 1023 1913" (Not Found 4-79 AJK) 1023.174
1. 72 N., R. 20 W., quarter cor. on N. side of sec. 36, 0.25 mi E. of; in SW. angle of crossroads; N. of La Grange Church, 5 ft W. of fence corner; iron post stamped "Iowa 1012 1913" (Not Found 4-79 AJK) 1012.536

LINE 2

C. H. Baker, 1964; CV-1704

KNOXVILLE QUAD. - 75

- 4 28 18.7 UE, chiseled square on small concrete culvert; at NE. intersection of offset crossroads; 27 ft N. and 21 ft E. of intersection of rd. N. and W.; and 1.7 ft below center of rd. 885.47
- 29 19.1 UE, center of T-rd. S. 887.3
- 30 20.1 UE, chiseled square on bottom step of entrance to house, 45 ft E., 54 ft N. and 2 ft above bend in rd. 898.97
- MELCHER QUAD. - 53
- 31 20.6 Ips. 74 and 75 N., R. 19 W.; 20 ft W. and 70 ft N. of cor. secs. 2, 3, 34 and 35; 1.25 mi N. of Attica; E. of T-rd. W.; iron post stamped "P I S 2 1908 908 Iowa" (Post tilted) 906.269
- 32 21.0 UE, center of crossroads; Iowa Hwy. 60 and Co. rd. 912.4
- 33 21.6 UE, painted square on N. end of corrugated pipe culvert; 17 ft N. and 3.1 ft below center of rd. 886.24
- 22.2 Pershing, 1.0 mi S. and 2.0 mi W. of; T. 74 and 75 N., R. 19 W., on a crest of hill between secs. 4 and 33; 30 ft N. of center of rd., 25 ft W. of field entrance N., 1 ft S. of fence and set flush with ground; a standard tablet stamped "64 HB 1964" 902.854
- 37 23.9 UE, W. end of corrugated pipe culvert under drive into farmyard; 24 ft S. and 0.6 ft below center of rd. 18 ft W. of center of drive at rd. 890.6
- 40 26.0 Knoxville; approx. 5.0 mi S. along State Hwy. 14; Tp. 75 N., R. 20 W.; at approx. quarter cor. between secs. 35 and 36; at Y-rd. W.; 15 ft N. and 66 ft W. of P.I. of Y-rd. and Hwy., 7 ft S.W. of pole; and 1.5 ft SE. of a fence; a standard tablet stamped "14 JHB 1964" 0.2 ft lower than Y-rd.; 1.9 ft SE. of metal witness post; set in top of concrete post 946.372

LINE 3

J. H. Betz, 1964; CV-1706

KNOXVILLE QUAD. - 75

- 2 28 16.9 UE JHB A, 1.1 mi S. of tablet; at bridge over English Creek; a chiseled square on NW. curbing of bridge 782.31
- 29 17.9 UE 13 JHB B, 2.1 mi S. of tablet; at curbing spillway on the W. side of Hwy. 14; about 630 ft S. of entrance to Road Side Park; a chiseled square in end of curbing on spillway chute 927.18

LINE 3 (Cont'd)

MELCHER QUAD. - 53

FEET

2	30	19.1	Reference mark, 458 ft NE. of tablet; a chiseled square on NW. end of spillway curbing over box culvert	939.13
		19.1	"14 JHB 1964" (described in Line 2)	946.372
31	19.8	UE 14 JHB A, 0.7 mi S. of tablet; at intersection of Hwy. with E.-W. Co. rd., 26 ft N. and 90 ft W. of rd. crossing; a chiseled square; on N. end of 18-in. metal culvert; 5 ft lower than rd. intersection	936.75	
32	20.4	UE 14 JHB B, Tp. 75 N., R. 20 W., 0.7 mi S. and 0.6 mi W. of tablet; 0.25 mi W. of cor. secs. 2, 3, 34 and 35; 20 ft S. and 33 ft W. of I-rd. N.; a chiseled square on S. end of 54-in. metal culvert; 4.8 ft below I-rd. N.	900.61	
33	21.1	UE 14 JHB C, 0.7 mi S. and 1.3 mi W. of tablet; a chiseled square on center of concrete bridge over Tracy Creek	804.28	
34	21.9	Reference mark, 65 ft N. of tablet; 30 ft N. and 41 ft E. of I-rd. N.; a RR. spike in wooden corner post	900.01.	
34	21.9	Knoxville; 5.0 mi S. and 3.0 mi W. of; Tps. 74 and 75 N., R. 20 W., about 0.25 mi E. of cor. secs. 4, 5, 32 and 33; at I-rd. N.; in front yard of property owned by Mrs. Worth Kinney; 36 ft S. and 36 ft E. of I-rd. N.; 16 ft E. and 6 ft N. of 36-in. maple tree; 32 ft N. and 25 ft W. of NW. corner of house; a standard tablet stamped "15 JHB 1964" and set in top of concrete post	901.479	
5	23.1	UE 15 JHB A, 1.2 mi W. of tablet; 23 ft S. and 34 ft W. of center of crossroad a chiseled square on S. end of 30-in. concrete culvert	922.59	
36	23.8	UE 15 JHB B, Tp. 74 and 75 N., R. 20 W., 1.9 mi W. of tablet; 0.25 mi E. of cor. sec. 6, 181 ft E. of corner (Rd. turns S.) and 24 ft N. of center of rd.; a chiseled square on W. end of concrete culvert; under field rd. to N.	927.16	
37	25.0	UE 15 JHB C, 2.2 mi W. and 1.0 mi S. of tablet; 37 ft N. and 31 ft W. of center of I-rd. N.; a RR. spike in wooden fence post	940.21	
38	26.0	UE 15 JHB D, T. 74 N., R. 21 W., 3.2 mi W. and 1.0 mi S. of tablet; cor. secs. 1, 2, 11 and 12; 33 ft S. and 26 ft W. of crossroad; a RR. spike in power pole	938.94	
39	27.2	Melcher at; on the C. R.I. & P. RR., 200 ft N. of station; at rd. crossing; 36 ft N. of center of rd., 18 ft W. of center of W. track; and 8 ft N. of sidewalk a USC&GS standard disk stamped "K 113 1935" set in top of concrete post (Not Found 7-77 JLK)	950.028	

LINE 4

J. P. Ryan, 1964; CV-1730

MELCHER QUAD. - 53

2	2	0.0	USC&GS "K 113 1935" (described in Line 3)	950.028
		0.1	UE K 113 A, center of crossroads; at Melcher, 1 block W. of RR. station at junction with State Hwy. 181	950.6
		0.8	UE K 113 B, Dallas, 61 ft N. and 28 ft E. of junction of State Hwy. 181 and I-rd. E. about 250 ft NW. of a wood bridge over the RR. tracks; a RR. spike in E. side of power pole; about 1.4 ft below center of I-rd. E.	947.99

LINE 4 (Cont'd)

FEET

- 2 3 1.3 UE K 113 C; Dallas; 0.8 mi N. of; painted square on S. end of small steel culvert; 13 ft S. and 22 ft E. of center of State Hwy. 181 and short driveway E. to an old cattle loading dock 862.95
- 4 2.0 UE K 113 D; Dallas; 1.0 mi N. of; 14 ft S. and 109 ft E. of center of junction of State Hwy. 181 at I-rd. E.; a RR. spike on N. side of power pole; about 1 ft higher than center of I-rd. E. 924.65
- 6 3.1 Dallas; 1.0 mi N. and 0.2 mi E. of; S. of curve in State Hwy. 181 from E. to N.; Tp 74 N., R. 21 W.; near center of N. edge of NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2; 89 ft S. of center of hwy. 181 at curve; 122 ft E. of I-fence S.; 2 ft N. of NW. corner of small livestock pen and loading chute; a standard tablet stamped "ET 9 DB 1964" set in concrete post; 3 in. above ground; 2.0 ft N. of a metal witness post 932.605

KNOXVILLE QUAD. - 75

- 6 3.1 Dallas; about 2.0 mi N. of; at iron bridge on State Hwy. 181 over White Breast River; on SE. headwall; a chiseled square; about 0.4 ft higher than center of bridge (water level 25.5 ft) 784.92
- 8 4.4 UE K 113 F; Dallas; 3.2 mi N. of; near junction of State Hwy. 181 and Co. Hwy. "M"; 20 ft N. and 43 ft E. of center of crossroads; top of steel RR. rail right-of-way marker; painted Orange with White top and 0.2 ft higher than center of crossroads 894.29

LINE 5

J. Keeps, 1979; CV-3530

RUSSELL QUAD. - 32

- 1 34 0.0 BM, R-111; 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 centerline of the SW. track, and about 1- $\frac{1}{2}$ ft lower than the track; a standard disk stamped "R 111 1935" 856.79
- 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 nail and copper 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 2.7 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 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 centerline of 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

LINE 5 (Cont'd)

ALBIA QUAD. - 52

FEET

- 1 48 6.2 UE 3 C; near $\frac{1}{2}$ cor. sec. 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., of centerline of drive W. on N. end of a corrugated culvert, an "X" 972.15
- 51 7.5 UE 3 F; centerline of Hwy. 34 near N. sixteenth cor. secs. 25 and 30; T. 72 N., Rs. 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. and 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, 1.5 ft W. of a witness post, on a copper coated steel rod; a standard tablet stamped "4 KEE 1979" 979.436
- 56 9.8 UE 4 A; in NE $\frac{1}{4}$ of sec. 23; T. 72 N., R. 19 W.; 12 ft W. of S. end of a concrete bridge over Whippoorwill Creek; 1.3 ft higher than centerline of bridge, 1 ft S. of W. railing of bridge, in concrete abutment; a nail and copper washer 853.91
- 58 10.43 UE 4 B; near center of sec. 14; T. 72 N., R. 19 W.; 26 ft S., 30 ft E. and 4.2 ft lower than T-rd. W.; 18 ft N. of rd. E., on N. end of a damaged corrugated culvert, an "X" 965.68
- 51 11.69 UE 4 D; in SW $\frac{1}{4}$ sec. 11; T. 72 N., R. 19 W.; 12 ft S., 30 ft W. and 3.1 ft lower than drive W. (middle one of 3), on S. end of a concrete culvert; a chiseled square 963.67
- 65 12.90 RM, 403 ft S. and 56 ft W. of BM; 17 ft W. of rd., on W. end of a corrugated culvert; a nail and copper washer 949.46
- 65 12.90 BM, Georgetown (church); 3.4 mi N. and 1.8 mi W. of, in SE $\frac{1}{4}$ sec. 1; T. 72 N., R. 19 W.; 810 ft N., of a "Y" fork, 39 ft E. and 8 ft S. of rd. at fence E.; 8 ft S. and 2 ft W. of a fence corner; 2 ft W. of a witness post on a copper coated steel rod; a standard tablet stamped "5 KEE 1979" 951.622
- 68 14.4 UE 5 C; in NE $\frac{1}{4}$ cor. sec. 36; T. 73 N., R. 19 W.; 24 ft E., 8 ft S. and 0.5 ft lower than drive E., on S. end of a corrugated culvert, a nail 778.10
- 71 14.8 UE 5 D; in SE $\frac{1}{4}$ sec. 25; T. 73 N., R. 19 W.; 10 ft E. of centerline of bridge (midstream); a copper nail and washer in wooden bridge floor of bridge over Whites Creek 778.06
- 73 15.3 UE 5 E; near center of sec. 25; T. 73 N., R. 19 W.; 256 ft N. and 5.4 ft higher than T-rd. E.; 13 ft S. and 16 ft W. of a field entrance W., on S. end of a corrugated culvert, a nail 804.44
- 77 16.1 UE 5 G; near center of sec. 24; T. 73 N., R. 19 W.; 18 ft S., 20 ft W. and 1.8 ft lower than x-rds., on S. end of a concrete culvert; a chiseled square 898.85
- 80 16.8 UE 5 H; at $\frac{1}{4}$ cor. secs. 13 and 24; T. 73 N., R. 19 W.; 24 ft N., 13 ft E. and 0.4 ft lower than x-rds., an "X" on a corrugated culvert

LINE 5 (Cont'd)

MELCHER QUAD. - 53

FEET

2	4	14.3	RM; 26 ft N. and 19 ft E. of X-rds., on E. end of a concrete culvert, high point; in a chiseled square	863.68
5	17.3		BM, Georgetown; 7.2 mi N. and 2.6 mi W. of, 7.7 mi S. and 0.7 mi E. of Attica; at cor. secs. 13, 14, 23 and 24; T. 73 N., R. 19 W.; 73 ft N., 28 ft W. and 2.9 ft higher than T-rd. N.; 25 ft N. and 1.0 ft E. of a fence cor., 0.5 ft E. of a Witness post, on a copper coated steel rod; a standard tablet stamped "6 KEE 1979"	865.962
6	17.6		UE 6 A; near E. sixteenth cor. secs. 14 and 23; T. 73 N., R. 19 W.; 12 ft N. and 0.1 ft higher than centerline of bridge, a chiseled square on N. concrete railing	791.06
9	18.6		UE 6 B; near E. sixteenth cor. secs. 15 and 22; T. 73 N., R. 19 W.; 12 ft N. and 0.6 ft higher than centerline (midstream) of bridge, on N. railing; a chiseled square	817.14
12	19.41		UE 6 C; at cor. secs. 15, 16, 21 and 22; T. 73 N., R. 19 W.; 28 ft N., 24 ft E. and 0.8 ft higher than T-rd. N., on E. end of a corrugated culvert; a nail	934.64
14	20.4		UE 6 E; at cor. secs. 9, 10, 15 and 16; T. 73 N., R. 19 W.; 10 ft E. and 2.0 ft lower than rd. at S. end of curve, on E. end of a corrugated culvert; a nail	833.11
17	20.9		UE 6 F; at $\frac{1}{2}$ cor. secs. 10 and 15; T. 73 N., R. 19 W.; 80 ft W., 20 ft S. and 0.1 ft lower than T-rd. N., on S. end of a corrugated culvert; a nail	867.10
22	22.4		UE 6 I; at cor. secs. 2, 3, 10 and 11; T. 73 N., R. 19 W.; 15 ft E. and 0.1 ft higher than rd. at curve, 1 ft S. of N. end of a concrete headwall; a chiseled square	915.440
23	22.9		RM; 26 ft S. of E.-W. rd. and 15 ft W. of rd. S. at offset rd., on W. end of an 18-in. corrugated culvert (damaged), a nail	917.89
25	22.9		BM, Attica; 5.3 mi S. and 0.3 mi W. of; T. 73 N., R. 19 W.; near $\frac{1}{2}$ cor. secs. 2 and 3; 44 ft N., 30 ft E. and 2.4 ft lower than rd. N. at offset x-rds., 3 ft W. and 1.0 ft N. of a fence corner; 1 ft NW. of a witness post, on a copper coated steel rod; a standard tablet stamped "7 KEE 1979"	917.495
29	24.0		UE 7 B; near center of sec. 34; T. 74 N., R. 19 W.; 20 ft S. of rd., 35 ft E. of field rd. S. and 2.7 ft lower than rd. at field rd. S., on S. end of a corrugated culvert; a nail	886.25
32	24.8		UE 7 C; in SE $\frac{1}{4}$ sec. 27; T. 74 N., R. 19 W.; 55 ft N., 13 ft W. and 0.2 ft lower than centerline of a bridge over N. Cedar Creek, on top of a 4 x 4 wooden piling at SE. cor. of NW. wingwall; a copper nail and washer	748.78
35	25.6		Attica; 3.0 mi S. and 0.2 mi W. of; in NW $\frac{1}{4}$ of sec. 26; T. 74 N., R. 19 W.; 310 ft E., 35 ft N. and 21.7 ft higher than x-rds. at S. sixteenth cor. secs. 26 and 27; 21 ft E. and 35 ft N. of rd. at a yard fence N., 2 ft N. of a Catalpa tree, on an iron post projecting 1 ft; standard tablet stamped "PTS No 11 1913-1914 868"	890.092
36	25.7		UE 11 A; about 360 ft W.-NW. of tablet; about 270 ft N. and 14 ft E. of x-rds., on E. end of an 18-in. damaged corrugated culvert; a nail	859.00
37	27.1		RM; 2 ft S. and 80 ft E. of tablet; at NE. corner of cemetery, 4-in. SW. of steel corner post, the top of a 5 ft copper coated steel rod, flush with the ground	909.10

LINE 5 (Cont'd)

MELCHER QUAD. - 53

FEET

- 2 40 27.1 BM, Attica; 1.8 mi S. and 0.3 mi W. of, near cor. secs. 14, 15, 22 and 23; 85 ft S., 13 ft E. and 3.6 ft lower than hwy. at entrance to cemetery, 1 ft N. of cemetery fence on a copper coated steel rod; a standard tablet stamped "8 KEE 1979" 916.478
- 44 29.1 UE 8 C; near W. sixteenth cor. secs. 2; T. 74 N., R. 19 W.; just N. of Attica, 94 ft N., 30 ft W. and 5.2 ft lower than centerline of Hwy. 5, on E. end of a concrete culvert; a chiseled square 911.29
- 45 29.7 UE 8 D; near 1/4 cor. secs. 2 and 3; T. 74 N., R. 19 W.; 18 ft E. and about 4 ft higher than centerline of bridge over walnut creek, on top of N. end of E. abutment a state highway; washer and rivet 828.34
- 47 30.7 BM Attica; 1.3 mi N. of, 1.5 mi S., and 1.0 mi W. of Pershing; T. 74 and 75 N., R. 19 W.; near cor. secs. 2, 3, 34 and 35; 20 ft E. of rd. S. and W., 10 ft N. of drive E. on an iron post projecting 2 ft and tilted (but solid) a standard disk stamped "PTS 2 1908 908 Iowa" 906.269

ISOLATED BENCH MARKS

- Tps. 74 and 75 N., R. 19 W., 20 W. by 10 ft N. of cor. secs. 2, 3, 34 and 35; 1.25 mi N. of Attica, E. of T-rd. W.; iron post stamped "P T S 2 1908 908 Iowa" (Elev. by C. Baker, 1964; CV 1703) (Disturbed 7-64 CHB) 906.269
- Attica, 1.4 mi N. and 2.3 mi W. of; T. 75 N., R. 19 W. at cor. secs. 23, 33, 4 and 5, 70 ft N., 50 ft W. and 2.0 ft higher than x-rds., 44 ft NE. of fence corner and 2 ft E. of fence projecting 1 ft, iron post; a standard tablet stamped "824 Iowa" 825.5
- Tps. 74 and 75 N., R. 20 W.; 20 ft S. and 25 ft W. of cor. secs. 1, 2, 35 and 36; iron post stamped "P T S 1 1908 916 Iowa" (Not Found 4-79 AJK) 914.41
- T. 75 N., R. 20 W.; 0.25 mi E. of SW. cor. of sec. 33, 20 ft S. and 15 ft W. of junction of T-rd. N., and E.-W. rd., 3 ft N. of fence; iron post stamped "901 Iowa" (Not Found 4-79 AJK) 900.16
- T. 75 N., R. 21 W.; 0.25 mi W. of SE. cor. sec. 35; 18 ft E. and 10 ft S. of center of crossroads; near cor. fence post at SE. angle of T-rd.; in stone; aluminum tablet stamped "P T S 4 927 Iowa" (Not Found 4-79 AJK) 925.95
- Attica, at center of town, in NE. corner of crossroads; iron post stamped "Iowa 923 1913" (Not Found 4-79 AJK) 922.98
- T. 74 N., R. 19 W.; sec. 27; 0.25 mi S. of NE. cor. of; at NW. angle of T-rd. N.; 3 ft NW. fence corner post; in field; iron post stamped "Iowa 868 1913" (1979 leveling) Reset 1979 868.06
- T. 73 N., R. 19 W.; at center of sec. 2, at T-rd. N., 15 ft S. by 15 ft E. of center of rd. intersection, 110 ft SW. of Eldorado Church; iron post stamped "Iowa 915 1913" (Not Found 4-79 AJK) 914.96
- T. 73 N., R. 19 W., sec 22, at NW. cor. of; at T-rd. N., 200 ft SW. of Cedar Center Schoolhouse, 27 ft E. by 30 ft S. of sec. corner; iron post stamped "Iowa 943 1913" (Not Found 4-79 AJK) 942.86
- Melcher, 8 mi S. and 8 mi E. of; 18 ft SW. of corner secs. 18, 19, 13 and 24, T. 73 N., Rs. 19 and 20 W., iron post projecting 1.5 ft; stamped "Iowa 842 1913" 842.36
- er; 8.3 mi S. and 5.4 mi E. of; 0.25 mi N. of center sec. 22, T. 73 N., R. 20 W.; 55 ft W., 34 ft S. and 1.6 ft lower than T-rd. S.; 27 ft W. and 2 ft S. at a fence corner; 2.5 ft S. of a witness post; iron post stamped "PTS 3 Iowa 1913" 986.80

ISOLATED BENCH MARKS (Cont'd)

FEET

Melcher, 8.3 mi S. & 2.5 mi E.; 0.25 mi N., of $\frac{1}{4}$ cor. sec. on W. side at sec. 20, T. 73 N., R. 20 W., 44 ft N. & 33 ft E. of x-rds., iron post projecting 1.5 ft stamped "Iowa 1000 1913"	1000.57
Belinda, 0.5 mi NE. of at NW. cor. of crossroads, at SE. corner of churchyard; iron post stamped "Iowa 982 1913" (Not Found 4-78 AJK) (reset by D. Gray 3/33)	979.508
Melcher, 4 mi S. & 2 mi E. of; T. 74 N., R. 20 W., 0.25 mi W. of SE. cor. sec. 30, 35 ft N., 32 ft W. and 3.8 ft lower than x-rds., 18 ft N., 1.5 ft E. of a fence corner and witness post, iron post stamped "Iowa 887 1913"	887.61
T. 74 N., R. 20 W., in SE. corner of sec. 7, opposite T-rd. E.; on W. side of N.-S. rd., 15 ft N. of fence corner; iron post stamped "Iowa 869 1913" (Not Found 4-79 AJK)	869.81
T. 72 N., R. 20 W., near quarter cor. on E. side of sec. 5, in NE. angle of rd. forks; 4 ft N. of pasture gate (Baker's ranch) iron post stamped "Iowa 997 1913" (Not Found 4-79 AJK)	996.87
T. 72 N., R. 20 W., at SE. corner sec. 7, on N. side of rd. forks; 60 ft W. of steel hwy. bridge over creek; 30 ft N. of rd. junction; iron post stamped "Iowa 880 1913" (Not Found 4-79 AJK)	880.58
Russell, 1 mi N. & 1 mi W. of; at cor. secs. 25, 36, 30 and 31, T. 72 N., R. 20 and 21 W., 29 ft S. & 36 ft E. of x-rds. (Hwy. 34), 4 ft E., 2 ft N., of a fence corner, on an iron post; a standard disk stamped "Iowa 1036 1913"	1036.65
72 N., R. 19 W., at quarter cor. on S. side of sec. 28, in NW. angle of T-rd. N.; 1.5 mi N. of Melrose, 5 ft N. of corner post; iron post stamped "Iowa 994 1913" (Not Found 4-79 AJK)	994.53
Melrose, 3.8 mi N. of, near E. sixteenth cor. secs. 16 and 21, 31 ft N. & 27 ft W. at x-rds., 3 ft SE. of a fence corner on an iron post listing 10°; a standard disk stamped "983 1913"	983.20
T. 72 N., R. 19 W., at center of sec. 3, in NW. angle of rd. forks, 150 ft NW. of wooden bridge over Whites Creek; 6 ft W. of corner post; iron post stamped "Iowa 811 1913"	811.56