

THIRD-ORDER LEVELS
SEA LEVEL DATUM OF 1929

Final Adjustment of 1973

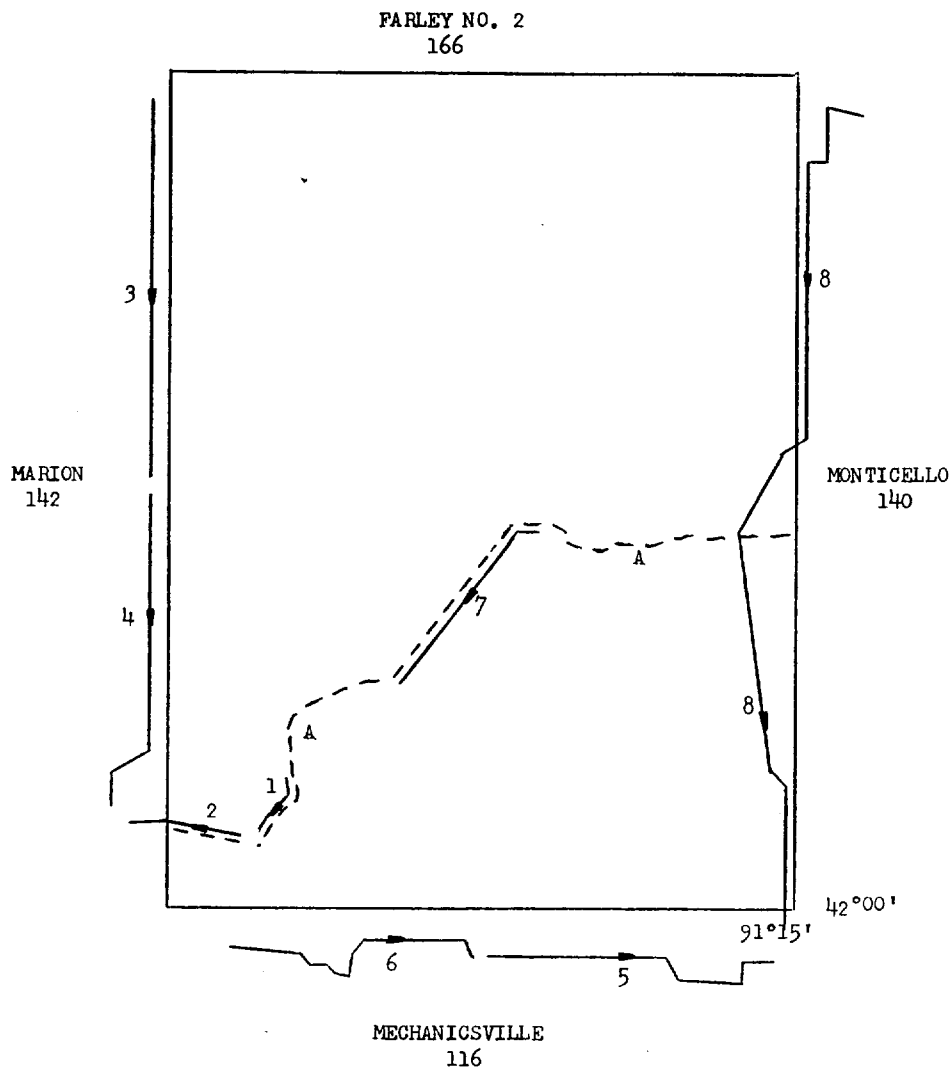
Linn and Jones Counties

Edition of: 1-21-74

PR: AKH/cb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

42-091-23
ANAMOSA QUADRANGLE
141 - IOWA
N4200-W9115/15
DIAGRAM NK 15-6
DUBUQUE



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

A. Quadrangle No. 420912

141B

Feet

LINE 1

(By C. D. Lien, 1966, Book CV-2044)

ANAMOSA QUAD. 141

- 1 1 0.0 Paralta, 0.3 mi W. along the Chicago, Milwaukee, St. Paul and Pacific RR. from the RR. junction at, 1 pole SW. of milepost 219, at a 65 ft steel bridge Z 780, in the top of the NW. end of the NE. concrete abutment, 12 ft NW. of the center of the W. main track, and about 3 ft lower than the track; a USC&GS standard disk stamped "Q 80 1934" 817.587
- 0.2 UE, 0.16 mi NW. along RR. from BM Q 80, center of RR. at gravel rd. crossing, copper nail and washer, painted "815.9" 815.89
- 3 1.0 UE, 1.1 mi NW. along C. M. St. P. & P. RR. from BM USC&GS Q 80, top of N. rail at milepost 220 792.72
- 4 1.7 Paralta, 2.0 mi W. along the C. M. St. P. & P. RR. from the RR. junction at, 12 poles E. of milepost 221, at bridge Z 790, in top of the S. parapet of the W. abutment, and 3.7 ft E. of the W. end; a USC&GS standard disk stamped "R 80 RESET 1946" Note: This Bench Mark was established and its elevation determined by engineers of the C. M. St. P. & P. RR. in May 1946 788.077

LINE 2

(By C. D. Lien, 1966, Book CV-2044)

ANAMOSA QUAD. 141

- 1 9 0.0 Paralta, 2.0 mi W. along the C. M. St. P. & P. RR. from the RR. junction at, 12 poles E. of milepost 221, at bridge Z 790, in top of the S. parapet of the W. abutment, and 3.7 ft E. of the W. end; a USC&GS standard disk stamped "R 80 RESET 1946" Note: This bench mark was established and its elevation determined by engineers of the C. M. St. P. & P. RR. in May 1946 788.077
- 0.5 UE, 0.5 mi NW. along RR. from BM R 80 RESET, center of RR. at gravel rd. crossing; copper nail and washer, painted "805.8" 805.76
- 11 1.6 UE, 1.59 mi NW. along RR. from BM R 80 RESET, a rail spike in telephone pole, 51 ft N. and 41 ft W. of private rd. crossing RR., painted "829.1" 829.13

MARION QUAD. 142

- 12 2.2 T. 83 N., R. 6 W., near sec. cors. 2, 3, 10 and 11, Paralta, 4.2 mi NW. of along C. M. St. P. & P. RR., 173 ft W., 41 ft S. of gravel rd. crossing track, 7 ft N. of right-of-way fence, 1 ft N. of witness post extending 4 in. above ground; a standard tablet in a concrete post, stamped "1 CDL 1966 Elev. 818.4" 818.435

LINE 3

(By C. D. Lien, 1966, Book CV-2044)

MARION QUAD. 142

- 2 57 15.2 T. 86 N., R. 6 W., near the sixteenth cor. between secs. 23 and 24, Central City, 2.25 mi N., 1.5 mi E. along rd., 30 ft N., 32 ft W. from center of rd. at T-rd. S., 1.5 ft S. of witness post, 2.3 ft lower than T-rd., a standard tablet in a concrete post stamped "11 CDL 1966" 980.190

42-091-23
ANAMOSA QUADRANGLE
141 - Iowa

LINE 3 (Cont'd)MARION QUAD. 142Feet

2	58	15.2	Reference mark, 23 ft N., 33 ft E. from center of rd., at T-rd. S., 65 ft E. from tablet, a rail spike in a telephone pole	981.34
59	15.7		UE, T. 86 N., R. 6 W., near the sixteenth cor. between secs. 25 and 26, Central City, 1.75 mi N., 1.75 mi E., 18 ft N., 25 ft E. from center of rd. at T-rd. E., 1.2 ft lower than T-rd. E., a punched hole in a metal culvert, painted "11 B 984.5"	984.53
62	16.5		UE, 1.25 mi S. along rd. from tablet, 29 ft S., 36 ft E. from center of rd., at T-rd. E., 1 ft lower than T-rd. E., a rail spike in a telephone pole, painted "10 B 946.2"	946.23
61	17.7		UE, 2.46 mi S. along rd. from tablet, T. 85 N., R. 6 W., near the sixteenth cor. between secs. 1 and 2, 307 ft S., 30 ft W. from center of rd. at private drive W., a rail spike in a telephone pole, painted "9 B 879.6"	879.60
63	18.0		T. 85 N., R. 6 W., near the quarter cor. between secs. lines 1 and 2, Central City, Maple Street and Hwy. 13, 1.5 mi E. along rd., 0.07 mi S. from crossroads, a standard tablet in the NE. headwall of a concrete bridge, 1.7 ft higher than center of bridge, 17.7 ft higher than water, stamped "12 CDL 1966"	859.589
64	18.0		Reference mark, 70 ft S. from tablet, a chiseled square in the SE. cor. of a concrete bridge	858.21
65	18.4		UE, T. 85 N., R. 6 W., near the cor. of secs. 1, 2, 11 and 12, Central City, Maple Street, Hwy. 13, 0.5 mi S., 1.5 mi E., 43 ft S., 29 ft E. from crossroads, a punched hole in the E. end of a metal culvert, 4.2 ft lower than crossroads, painted "8 B 871.7"	871.77
66	18.8		UE, 0.77 mi S. along rd. from tablet, T. 85 N., R. 6 W., near the N. sixteenth cor. between secs. 11 and 12, 14 ft N., 36 ft E. from center of rd. at private drive E., painted "7 B 867.7"	867.74
67	19.3		Reference mark, 0.07 mi N. from tablet, a chiseled square in the NW. headwall of a concrete bridge over the Wapsipinicon River	829.60
68	19.4		T. 85 N., R. 6 W., near the N. sixteenth cor. between secs. 13 and 14, Central City, Maple Street and Hwy. 13, 1.75 mi S., 1.5 mi E., in the SW. headwall of a concrete bridge over the Wapsipinicon River, 2.0 ft higher than center of bridge, stamped "L. C. E. D. Br. 829" Elevation by USGS	831.544
69	19.9		UE, 0.52 mi S. along rd. from tablet, 56 ft N., 43 ft W. from center of rd. at T-rd. W., a rail spike in telephone pole, 2.7 ft higher than T-rd. W., painted "6 B 889.4"	889.46
70	20.2		UE, 0.8 mi S. along rd. from tablet, 28 ft N., 28 ft W. from center of rd. projecting T-rd. E., 1.5 ft lower than T-rd. E., a rail spike in telephone pole, painted "5 B 881.5"	881.58
71	20.5		T. 85 N., R. 6 W., near the N. sixteenth cor. between secs. 23 and 24, Central City, Maple St., Hwy. 13, 2.75 mi S., 1.5 mi E., a standard disk in the W. headwall of a concrete culvert, 1.2 ft higher than center of rd. on culvert, 11 ft higher than drain, stamped "L.C.E.D. 993 1924" Elevation by USGS	881.631
72	20.9		UE, 0.4 mi S. along rd. from tablet, 275 ft N., 29 ft W. from center of rd. at private drive E. to cemetery, a rail spike in a telephone pole, painted "4 B 987.1"	987.17

42-091-23
ANAMOSA QUADRANGLE
141 - IOWA

LINE 3 (Cont'd)MARION QUAD. 142Feet

- 2 74 21.7 UE, T. 85 N., R. 6 W., near the S. sixteenth cor. between section lines 25 and 26, Central City, Maple Street, Hwy. 13, 4.25 mi S., 1.5 mi E., 82 ft N., 13 ft W. from center of rd. at field rd. W., 67 ft S., 13 ft W. from center of rd. at field rd. E., a chiseled square on the top of the W. headwall of a concrete culvert, 4 ft higher than drain, painted "3 B 922.2" 922.25
- 75 22.0 UE, T. 85 N., R. 6 W., near the center of sec. cors. 25, 26, 35 and 36, Central City, Maple Street, Hwy. 13, 4.5 mi S., 1.5 mi E., 22 ft N., 67 ft E. from center of rd. at T-rd. E., a punched hole in a metal culvert, 2.4 ft lower than T-rd. E., painted "2 B 956.5" 956.49
- 76 22.4 UE, 1.22 mi S. along rd. from tablet, 27 ft S., 32 ft E. from center of rd. at T-rd. W., a rail spike in a telephone pole, 1.8 ft higher than T-rd. W., painted "1 B 958.9" 958.95
- 77 23.0 UE 16 A, 1.4 mi E. along the rd. from the tablet, near the cor. of secs. 35 and 36, 1 and 2, Tps. 84 and 85 N., R. 6 W., 41 ft N., 29 ft W. and 2.4 ft higher than the center of the crossroads, on the N. side of a power pole, a rail spike, painted "UE 16 A 922.8" 922.97

LINE 4

(By D. D. Bolin, 1966, Book CV-2042)

MARION QUAD. 142

- 2 23 13.0 UE 16 A (Described in Line 3) 922.97
- 24 14.0 Marion, 5.2 mi N. and 5.0 mi E. of, near the cor. of secs. 1, 2, 11 and 12, T. 84 N., R. 6 W., 74 ft N., 29 ft W. and 2.7 ft lower than the center of the crossroads, 9 ft N. of the fence cor., 2 ft E. of the W. right of way fence, on top of a concrete post; a standard tablet stamped "17 DDB 1966" Painted "BM 904.3" 904.498
- 25 15.0 UE 17 A, 1.0 mi S. along the rd. from the tablet, near the cor. of secs. 11, 12, 13 and 14, T. 84 N., R. 6 W., 29 ft S., 77 ft E. and 1.4 ft lower than the center of the crossroads, on top and on the S. end of a round concrete culvert; a chiseled square painted "UE 17 A 896.4" 896.67
- 26 16.1 UE 17 B, 2.1 mi S. along the rd. from the tablet, near the cor. of secs. 13, 14, 23 and 24, T. 84 N., R. 6 W., 228 ft S., 10 ft E. and 3.9 ft lower than the center of the crossroads, on top of the E. abutment of the concrete box culvert; a chiseled square painted "UE 17 B 849.7" 849.95
- 28 17.5 Reference mark, 65 ft NW. of the tablet, 47 ft N. and 16 ft W. of the center of the T-rd. W., on top and on the W. end of a round metal culvert; a punched hole 842.22
- 29 17.5 Marion, 2.5 mi N. and 5.0 mi E. of, near the quarter cor. between secs. 25 and 26, T. 84 N., R. 6 W., 28 ft E. and 1.9 ft lower and in line with the center of the T-rd. W., 1 ft N. of the T-fence E., 2 ft E. of the E. right of way fence; set in top of the concrete footing of a concrete cor. fence post; a standard tablet stamped "18 DDB 1966" painted "BM 840.9" 841.210
- 30 18.0 UE 18 A, 0.5 mi S. along the rd. from the tablet, 0.3 mi N. of Hwy. 64, center of the iron and wooden bridge, painted "UE 18 A CL 793.0" 793.3

42-091-23
ANAMOSA QUADRANGLE
141 - Iowa

LINE 4 (Cont'd)MARION QUAD. 142Feet

- 2 31 18.3 UE 18 B, 0.8 mi S. along rd. from the tablet, near the N. sixteenth cor. between secs. 35 and 36, T. 84 N., R. 6 W., 94 ft N., 57 ft E. and 1.7 ft lower than the center of Hwy. and T-rd. N., on the SSW. side of a maple tree 2 ft in diameter, a rail spike, painted "UE 18 B 809.1"

809.40

- 32 19.4 UE 18 C, 0.8 mi S. thence 1.1 mi WSW. along State Hwy. 64 from the tablet, in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ sec. 35, T. 84 N., R. 6 W., 69 ft N., 86 ft E. and 3.1 ft lower than the center of the Hwy., at the N.-S. dirt rd. crossing, on top and at the N. end of the round concrete culvert; a chiseled square, painted "UE 18 C 860.0"

860.29

- 33 19.8 UE 18 D, 0.8 mi S. thence 1.1 mi WSW. along State Hwy. 64, thence 0.4 mi S. along the dirt and gravel rd. from the tablet, near the cor. of secs. 2, 3, 34 and 35, Tps. 83 and 84 N., R. 6 W., 18 ft N., 47 ft W., and 1.9 ft lower than the center of the T-rd. S., on top and at the S. end of a round concrete culvert; a chiseled square, painted "UE 18 D 857.5"

857.82

- 34 20.7 "1 CDL 1966" (Described in Line 2)

818.433

LINE 5

(By L. M. Tackett, 1963, Book CV-1600)

MECHANICSVILLE QUAD. 116

- 15.9 Mt. Vernon, about 4.0 mi NE. of, along Hwy. 261, T. 83 N., R. 5 W., 0.2 mi W. of center of sec. 24, 171 ft N. and 59 ft E. and 1.2 ft lower than T-rd. E., also 2 ft S. of power pole, set flush with the ground, a standard tablet in top of a concrete post stamped "894 46 LMT 1963" Painted "BM 894.3"
- 15.9 Reference mark, 30 ft N. and 62 ft E. of the T-rd. E., a rail spike in the W. side of telephone pole
- 17.0 UE 46 LMT A, T. 83 N., R. 4 W., near center of sec. 19, 22 ft N. and 14 ft W. and 2.3 ft lower than rd. at drive N., a punched hole in W. end of steel pipe culvert; painted "UE 870.5"
- 17.4 UE 46 LMT B, T. 83 N., R. 4 W., near quarter cor. between secs. 19 and 20, 14 ft S. and 17 ft E. and 0.7 ft higher than center of bridge; a copper nail and washer in top of SE. piling of bridge; 11 ft above the drain, painted "UE 845.1"
- 18.4 Reference mark, 15 ft N. and 84 ft W. of the crossroads, a copper nail and washer on top of N. wooden headwall of small bridge
- 18.5 Morley, 1.5 mi S. and 4.0 mi W. of, T. 83 N., R. 4 W., at quarter cor. between secs. 20 and 21, 25 ft S. and 213 ft E. and 3.2 ft higher than crossroad; 1 ft N. of the fence and set flush with the ground; a standard tablet in top of a concrete post, stamped "851 47 LMT 1963" painted "BM 851.4"
- 19.5 UE 47 LMT A, T. 83 N., R. 4 W., at quarter cor. between secs. 21 and 22, 25 ft S. and 28 ft E. and 1.1 ft lower than T-rd. S., a punched hole in the N. end of a steel pipe culvert, under field rd. entrance, painted "UE 866.0"
- 19.9 UE 47 LMT B, T. 83 N., R. 4 W., near center of sec. 22, 32 ft SW. and 1 ft higher than bend in N.-S. rd. at T-rd. SW., a punched hole in the SE. end of a steel pipe culvert; painted "UE 880.6"
- 20.5 Reference mark, 59 ft N. and 82 ft E. of T-rd. N., a chiseled square on bottom step and S. end of the steps going into a small church

894.280

893.37

870.5

845.13

848.60

851.383

866.0

880.6

871.38

42-091-23
ANAMOSA QUADRANGLE
141 - ICWA

LINE 5 (Cont'd)

Feet

MECHANICSVILLE QUAD. 116

- 20.5 Morley, 2.0 mi S. and 2.5 mi W. of, near center of sec. 22, T. 83 N., R. 4 W., 31 ft N. and 212 ft E. and 1 ft higher than T-rd. N., in SE. cor. of the churchyard, 4 ft N. of a fence cor. set flush with the ground, a standard tablet in top of a concrete post; stamped "865 48 LMT 1963" Painted "BM 865.1" 865.077
- 21.0 UE 48 LMT A, T. 83 N., R. 4 W., at cor. secs. 22, 23, 26 and 27, 42 ft N. and 20 ft E. and 0.4 ft higher than T-rd. S., a punched hole in the NW. end of a steel pipe culvert under field entrance, painted "UE 878.6" 878.6
- 22.0 UE 48 LMT B, T. 83 N., R. 4 W., at cor. secs. 23, 24, 25 and 26, 33 ft S. and 18 ft E. and 2.3 ft lower than T-rd. W., a punched hole in the S. end of a steel pipe culvert under driveway E., painted "UE 842.2" 842.2
- 22.5 UE 48 LMT C, T. 83 N., R. 4 W., at quarter cor. between secs. 23 and 24, 12 ft N. and 18 ft W. and 2 ft lower than T-rd. E., a punched hole in the N. end of steel pipe culvert under field entrance W., painted "UE 833.3" 833.3
- 23.6 Morley, 1.5 mi S. of along Co. Rd. "C", T. 83 N., Rs. 3 and 4 W., at quarter cor. between secs. 19 and 24, 32 ft S. and 50 ft E. and 0.9 ft lower than crossroad, about 1 ft NW. of a telephone pole set flush with the ground, a standard tablet in top of a concrete post, stamped "791 37 LMT 1963" Painted "BM 790.9" 790.904

LINE 6

(By L. M. Tackett, 1963, Book CV-1600)

MECHANICSVILLE QUAD. 116

- 16.0 Mt. Vernon, 4.0 mi N. and 2.8 mi W. of, T. 83 N., R. 5 W., near W. sixteenth cor. between secs. 18 and 19, 13 ft S. and 3 ft higher than rd. at culvert; a tablet in top of S. headwall of culvert; 17 ft above the drain, tablet is stamped "Linn County Engr. Dept. No. 1018 1925" painted "BM 782.9" USGS elev. 782.575
- 16.7 Mt. Vernon, 4.0 mi N. and 2.0 mi W. of, T. 83 N., R. 5 W., in NE. cor. of sec. 19, 14 ft S. and 2.9 ft lower than rd. at culvert; a tablet in S. headwall of culvert, 7 ft above the drain, stamped "Linn Co. Engr. Dept. 1680 1920" painted "BM 788.6" Elev. by USGS 788.345
- 17.6 UE 1680 A, T. 83 N., R. 5 W., in NE. cor. sec. 20, 72 ft N. and 324 ft E. and 1.7 ft higher than T-rd. S., a chiseled square on bottom and E. end of concrete step going into the Mt. Zion Church; painted "UE 927.4" 927.09
- 17.7 Mt. Vernon, 3.8 mi N. and 0.6 mi W. of, T. 83 N., R. 5 W., near N. sixteenth cor. between secs. 20 and 21, 10 ft S. and 1.2 ft higher than rd. at culvert; 7 ft above drain, a tablet in top of S. headwall of culvert; stamped "Linn Co. Engr. Dept. 2124 1913" painted "BM 930.7" Elev. by USGS 930.381
- 18.9 UE 2124 A, T. 83 N., R. 5 W., near S. sixteenth cor. between secs. 21 and 22, a copper nail and washer in blacktop rd. at gravel rd. NE., painted "UE Centerline 926.8" 926.52
- 19.9 UE 2124 B, T. 83 N., R. 5 W., near W. sixteenth cor. between secs. 15 and 22, 33 ft N., 33 ft E. and 1.6 ft lower than T-rd. E., a 60 penny nail driven in S. side of telephone pole, painted "UE 869.5" 869.2
- 20.7 Reference mark, 34 ft N. and 30 ft E. of crossroad; a 60 penny nail in the S. side of telephone pole 885.66

42-091-23
ANAMOSA QUADRANGLE
141 - Iowa

LINE 6 Cont'd)FeetMECHANICSVILLE QUAD. 116

- 20.7 Mt. Vernon, 4.1 mi N. and 0.2 mi E. of, T. 83 N., R. 5 W., at cor. secs. 14, 15, 22 and 23, 33 ft N., 91 ft E. and 3.8 ft lower than crossroads, 1 ft S. of fence; projecting 1 in. above ground, a standard tablet in top of concrete post stamped "883 51 LMT 1963" painted "EM 883.3" 883.043
- 21.4 UE 51 LMT A, T. 83 N., R. 5 W., near E. sixteenth cor. between secs. 14 and 23, 25 ft S., 10 ft E. and 3 ft lower than rd. at field entrance S., a punched hole in the E. end of steel pipe culvert under field rd. entrance S.; painted "UE 866.4" 866.2
- 22.2 UE 51 LMT B, T. 83 N., R. 5 W., near quarter cor. between secs. 13 and 24, 34 ft S., 60 ft W. and 2.5 ft lower than T-rd. W., on top of a railroad right-of-way marker projecting 1 ft above the ground, painted "UE 897.2" 896.93
- 22.7 Mt. Vernon, about 4.0 mi NE. of, along Hwy. 261, T. 83 N., R. 5 W., 0.2 mi W. of center of sec. 24, 171 ft N. and 59 ft E. and 1.2 ft lower than T-rd. E., also 2 ft S. of power pole, set flush with the ground, a standard tablet in top of a concrete post stamped "894 46 LMT 1963" painted "EM 894.3" 894.230

LINE 7R.R. Blaser, 1973; Book CV-3034ANAMOSA QUAD. - 171

- 16 0.0 At Stone City, Jones County, on the Chicago, Milwaukee, St. Paul and Pacific RR., at the post office, at a 225 ft steel bridge over the Wapsipinicon River, in the top of the S. end of the E. concrete abutment, 10 ft S. of the centerline of the track, and about 1.5 ft lower than the track, a USC&GS standard disk stamped "J 80 1934" 801.655
- 18 1.0 T. 84 N., R. 5 W., about 1360 ft N. and about 300 ft W. of the S. cor. between secs. 1 and 6, in the center of the bridge; a R.R. spike 796.36
- 19 1.6 T. 84 N., R. 5 W., near the center of NE $\frac{1}{4}$ of sec. 12, about 250 ft W. and about 100 ft N. of, in the center of bridge; a R.R. spike 823.14
- 20 2.3 T. 84 N., R. 5 W., about 200 ft N. and about 300 ft E. of the center of the SW $\frac{1}{4}$ of sec. 12, in the center of bridge; a R.R. spike 847.11
- 21 2.8 Viola, 0.1 mi S. and 0.05 mi E. of the U.S. Post Office at Viola, T. 84 N., R. 5 W., in the NW $\frac{1}{4}$ of sec. 13, 15 ft N. and 63 ft E. of centerline of E.-W. road at R.R. tracks 15 ft N. and 10 ft W. of the center of bridge, on W. end of 20 ft retaining wall of bridge; a standard tablet set in concrete retaining wall and stamped "VIOLA 1973" 871.037
- 22 3.7 T. 84 N., R. 5 W., about 900 ft N. of the S $\frac{1}{4}$ cor. of sec. 14, in the centerline of N.-S. road at R.R. tracks, a copper nail and washer 902.2
- 25 4.4 UE 80 F, T. 84 N., R. 5 W., about 450 ft N. and about 200 ft E. of the quarter cor. between secs. 22 and 23, 1.4 ft lower than centerline of R.R. tracks at drain SE. in the NW. side of milepost No. 5, a R.R. spike 894.64
- 28 5.1 EM, 1.6 mi NE. along the Chicago, Milwaukee, St. Paul and Pacific R.R. from the station at Springfield, Linn County, 8 poles E. of Milepost 4, at a private road crossing, 80 ft W. of the centerline of the road, 50 ft S. of the centerline of the track, at a 2 by 4 ft R.C.B. Hwy. culvert, and in the top of the W. end of the N. concrete headwall, a standard USC&GS disk stamped "M 80 1934" 869.457

42-091-23
ANAMOSA QUADRANGLE
141 - IOWA

LINE 8FEETR.R. Blaser, 1973; Book CV-3034MONTICELLO QUAD. - 140

2 34	1.6	UE F 2, T. 86 N., R. 3 W. near the quarter cor. between secs. 20 and 29, 80 ft N. and 31 ft E. and 1.1 ft higher than centerline of T-rd. N., in SW. side of power pole, a R.R. spike	974.40
36	2.6	Reference mark, 100 ft NE. of BM, 26 ft N. and 27 ft E. and 2.7 ft lower than centerline of T-rd. S. on E. end of 1.5 ft steel corrugated culvert; copper nail and washer	915.85
37	2.6	Monticello, about 2.5 mi W. of, T. 86 N., R. 3 W., about 800 ft N. of the quarter cor. between secs. 19 and 30, 48 ft S. and 40 ft W. and 0.7 ft higher than centerline of T-rd. S., 6 ft N. and 4.5 ft W. of fence corner, 2.0 ft S. of power pole, 2.0 ft S. of USGS witness sign standard tablet on copper rods set flush with ground and stamped "11 ROD 1973"	919.260
40	2.6	UE 11 A, T. 86 N., R. 3 W. near the quarter cor. between secs. 30 and 31, 43 ft S. and 25 ft W. and 2.8 ft lower than centerline of T-rd. N. on W. end of 1.5 ft steel corrugated culvert, a copper nail and washer	916.38
42	4.3	UE 11 B, T. 86 N., R. 4 W., near the E. cor. of secs. 25 and 36, in centerline of T-rd. S., a chiseled square	930.6
45	5.3	UE 11 C, Ts. 85 and 86 N., Rs. 3 and 4 W. near the cor. of secs. 1, 6, 31 and 36, 42 ft S. and 21 ft E. and 1.7 ft lower than centerline of T-rd. W. on NE. end of a 2.0 ft steel corrugated culvert; a copper nail and washer	906.47
47	6.3	Reference mark, 182 ft E. of BM, 35 ft N. and 125 ft E. and 0.4 ft lower than centerline of crossroads in SW. side of power pole, a R.R. spike	974.84
48	6.4	Monticello, about 3.0 mi S. and about 3.0 mi W. of, Anamosa, about 6.0 mi N. and about 2.0 mi E. of, T. 85 N., Rs. 3 and 4 W. near the cor. of secs. 1, 6, 7 and 12, 39 ft N. and 57 ft W. and about level with the centerline of crossroads, 2.0 ft SE. of fence, 1.0 ft N. and 2.0 ft E. of USGS witness sign and power pole standard tablet on copper rods set flush with ground stamped "12 ROD 1973"	975.292
52	7.4	UE 12 A, T. 85 N., Rs. 3 and 4 W. near the cor. of secs. 7, 12, 13 and 18, 24 ft S. and 27 ft W. and 4.1 ft lower than centerline of crossroads on N. end of 3.0 ft steel corrugated culvert; copper nail and washer	880.12
54	8.4	UE 12 B, T. 85 N., Rs. 3 and 4 W., near the cor. of secs. 13, 18, 19 and 24, 32 ft N. and 27 ft W. and 5.2 ft lower than centerline of crossroads, in E. side of power pole, a R.R. spike	930.28
57	9.2	Reference mark, 348 ft NNE. of BM, 84 ft N. and 23 ft E. and 0.7 ft lower than center of bridge, 12 ft N. and 23 ft E. of field entrance E. on N. end of 2.0 ft steel corrugated culvert, copper nail and washer	941.08
59	9.2	Anamosa, about 3.0 mi N. and about 2.0 mi E. of, T. 85 N., Rs. 3 and 4 W., about 750 ft N. of the cor. of secs. 19, 24, 25 and 30, 260 ft S. and 29 ft W. and 0.5 ft higher than center of bridge, 54 ft S. and 3.0 ft E. of T-fence W. most northerly of two fences, 3.0 ft E. of W. right-of-way fence, 1.5 ft S. of power pole, 1.5 ft S. of USGS witness sign, a standard tablet set on copper rods set flush with ground and stamped "13 ROD 1973"	942.236

42-091-23
ANAMOSA QUADRANGLE
141 - IOWA

LINE 8 (Cont'd)ANAMOSA QUAD. - 141FEET

2	60	9.9	UE 13 A, T. 85 N., Rs. 3 and 4 W. near the quarter cor. between secs. 25 and 30, 32 ft N. and 62 ft E. and 2.4 ft higher than centerline of crossroads in SW. side of power pole, a R.R. spike	1043.00
	64	10.9	UE 13 B, T. 85 N., R. 4 W. about 900 ft N. and about 500 ft E. of the center of secs. 36, 33 ft NW. and normal to centerline of hwy. 151 at drain on NW. end of 3.0 ft concrete culvert; chiseled square	920.22
	65	11.8	BM, Anamosa, about 1.0 mi N. and about 1.0 mi E. of, Ts. 84 and 85 N., R. 4 W., about 400 ft S. and about 200 ft E. of the cor. of secs. 1, 2, 35 and 36, 120 ft NW. and 56 ft NE. of road at field entrance NW., 28 ft NE. and 120 ft NW. of, 4.0 ft higher than centerline of hwy. at drive E., 5.0 ft SE. of NW. right-of-way fence, 4.0 ft NE. of telephone pole, 4.0 ft NE. of USGS witness sign standard tablet on copper rods set flush with ground stamped "14 ROD 1973"	895.327
	67	11.9	Reference mark, 164 ft SE. of BM, 37 ft SE. and 19 ft SW. and 3.8 ft lower than centerline of hwy. at drive SE.	887.56
	69	13.0	UE 14 A, T. 84 N., R. 4 W., about 200 ft N. of the N. sixteenth cor. between secs. 11 and 12, 46 ft N. and 16 ft E. and 0.2 ft lower than centerline of crossroads (jct. of hwy. 151 and Hwy. 64) 2.0 ft N. of S. end of N. Island, chiseled square	817.77
	71	13.6	UE 14 B, T. 84 N., R. 4 W., near the cor. of secs. 11, 12, 13 and 14, 20 ft N. and 50 ft W. and 6.7 ft lower than centerline of hwy. at field entrance W. on N. end of 1.5 ft steel corrugated culvert, a copper nail and washer	892.88
	74	14.5	Reference mark, 37 ft SE. of BM, 18 ft SE. and 207 ft SW. of center of bridge, 6 ft SW. of NE. end of SW. wingwall, a chiseled square	803.78
	75	14.5	BM, Anamosa, about 0.7 mi S. and about 0.6 mi E. of, T. 84 N., R. 4 W., about 2000 ft N. and about 1100 ft W. of the cor. of secs. 13, 14, 23 and 24, 19 ft NW. 208 ft SW. of center of bridge - 5.5 ft SW. of NE. end of SW. wingwall, standard tablet set in concrete wingwall and stamped "15 ROD 1973"	804.266
	79	16.1	UE 15 A, T. 85 N., R. 4 W., about 600 ft E. of the cor. of secs. 23, 24, 25 and 26, in the centerline of T-rd. W., a R.R. spike	959.39
3	4	17.1	UE 15 B, T. 84 N., R. 4 W., near the W. sixteenth cor. between secs. 25 and 26, 25 ft S. and 33 ft E. and 2.6 ft lower than centerline road at drive E. on S. end of 1.5 ft steel corrugated culvert, a copper nail and washer	948.06
	6	18.1	Reference mark, 255 ft W. of BM, 36 ft N. of centerline of hwy., 1.0 ft S. and 129 ft W. of "Highland Grove Cemetery" main gate in N. side of power pole, a R.R. spike	949.77
	7	18.2	Anamosa, about 4.7 mi S. and about 1.7 mi E. of, Morley, about 2.3 mi N. and about 0.4 mi W. of, Ts. 83 and 84 N., R. 4 W., about 900 ft N. and about 1000 ft E. of the quarter cor. between secs. 1 and 36, 71 ft N. of centerline of Hwy., 7 ft S. and 126 ft E. of main gate of "Highland Grove Cemetery", 7.0 ft S. and 6.0 ft W. of SE. cor. of cemetery, 2.0 ft N. of power pole, 2.0 ft N. of USGS witness sign, a standard tablet on copper rods set flush with ground, stamped "16 ROD 1973"	946.243
	9	18.4	UE 16 A, Ts. 83 and 84 N., Rs. 3 and 4 W., about 750 ft W. of the cor. of secs. 1, 6, 31 and 36, 29 ft S. and 64 ft E. and 7.1 ft lower than centerline of T-rd. E. in W. side of power pole, a R.R. spike	935.19

42-091-23
ANAMOSA QUADRANGLE
141 - IOWA

LINE 8 (Cont'd)ANAMOSA QUAD. - 141FEET

3 11 19.4 UE 16 B, T. 83 N., Rs. 3 and 4 W. near the cor. of secs. 1, 6, 7 and 12, 52 ft N. and 40 ft E. and 0.3 ft lower than centerline of T-rd. W., in W. side of a power pole, a R.R. spike 870.72

15 20.5 UE 16 C, T. 83 N., Rs. 3 and 4 W. near the cor. of secs. 7, 12, 13 and 18, 4.0 ft S. and 25 ft W. of centerline of road at main R.R. track, most southerly of two tracks on NE. of E. wingwall of box culvert; a chiseled square 797.36

16 21.3 UE 16 D, T. 83 N., Rs. 3 and 4 W. about 700 ft N. of the cor. of secs. 13, 18, 19 and 24, 17 ft S. and 14 ft E. of center of bridge, on S. end of E. curb, chiseled square 791.69

MECHANICSVILLE QUAD. - 116

19 22.0 Morley, 1.5 mi S. of along Co. Road "C", T. 83 N., Rs. 3 and 4 W., at quarter cor. between secs. 19 and 24, 32 ft S. and 50 ft E. and 0.9 ft lower than crossroad, about 1 ft NW. of a telephone pole set flush with the ground, a standard tablet in top of concrete post stamped "791 37 LMT 1963" Painted "BM 790.9" 790.904