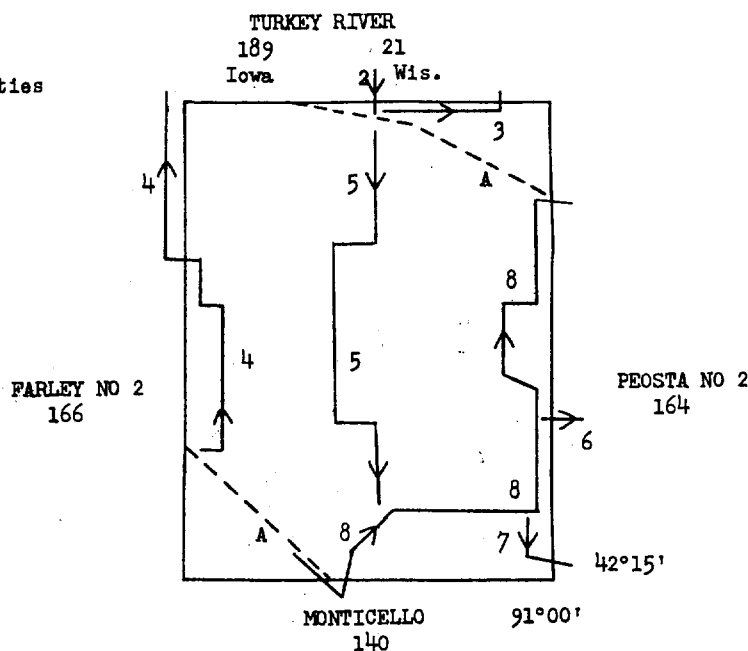


Jones and Delaware Counties

Edition of 1/6/65

PR: AH:vdo



USC&GS LEVELING
A. No. 420912

LINE 1

Feet

ISOLATED BENCH MARKS

NOT SHOWN ON DIAGRAM

T. 86 N., R. 1 W., NW $\frac{1}{4}$ sec. 7, junction of rd. going S.; iron post stamped "961"	951.797
T. 86 N., R. 2 W., NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, on line between secs. 1 and 2, at junction of rd. going N. and W.; iron post stamped "957"	947.900
T. 87 N., R. 2 W., center of sec. 16, at SE. corner of junction of wagon rds.; iron post stamped "886"	877.897
T. 87 N., R. 3 W., cor. secs. 10, 11, 14 and 15; iron post stamped "952"	943.904
T. 88 N., R. 3 W., near center of NE $\frac{1}{4}$ sec. 36, 50 ft SE. of hwy. bridge over Maquoketa River iron post stamped "908"	896.874
Worthington, near N. line of sec. 31, T. 88 N., R. 2 W., SW. corner of "A" street and Fourth Ave.; iron post stamped "931"	921.206
T. 86 N., R. 3 W., NW $\frac{1}{4}$ sec. 9, between RR. tracks; 500 ft N. of switch; iron post stamped "849" (elev. by USC&GS)	839.644
T. 88 N., R. 1 W., quarter cor. N. line of sec. 6, at rd. junction iron post stamped "1139"	1130.066
Dyersville, about 100 ft N. of E. end of station of I.C. RR., iron post stamped "952" (not found 10/64 GDS) USC&GS elev.	942.669
T. 89 N., R. 3 W., NW $\frac{1}{4}$ sec. 33, near N. line of where hwy. goes S. from I.C. RR.; iron post stamped "1022"	1011.966

LINE 2Feet

SOUTH NEAR CENTER OF NORTH BORDER (G.H. Clarin, 1961; CV 1328)

TURKEY RIVER QUAD. - 189

7.0 UE 12 A, 0.9 mi S. along State Hwy. 136 from tablet; T. 89 N., R. 2 W., near center of sec. 20, 15 ft N., 22 ft W. and 1.0 ft lower than center of hwy. at fence E.; in center of W. headwall of concrete cattle pass; chiseled square 1025.17

FARLEY NO 1 QUAD. - 165

8.2 UE 12 B, 2.1 mi S. along State Hwy. 136 from tablet; T. 89 N., R. 2 W., near center of sec. 29, 12 ft S., 42 ft E. and 3.5 ft lower than center of hwy. at drive E.; in S. end of corrugated steel pipe culvert; a punched hole 969.16

8.8 UE 12 C, 2.6 mi S. along State Hwy. 136 from tablet; at RR. crossing; T. 89 N., R. 2 W., in NW $\frac{1}{4}$ sec. 32, 18 ft S., 25 ft E. and 0.2 ft higher than center of hwy. and center of E. track of three tracks; on NW. corner of old semaphore foundation; chiseled square 956.08

9.5 Dyersville, at; T. 89 N., R. 2 W., near quarter cor. between secs. 30 and 31; 60 ft N. of NW. corner of C. & G.W. RR. station; 120 ft N. of center of track; in top of SW. leg foundation of old water tank; (water tank torn down) a US&GS standard disk stamped "D 73 1934" 941.619

LINE 3

EAST ALONG EAST PORTION OF NORTH BORDER (G.H. Clarin, 1961 CV 1328)

FARLEY NO 1 QUAD. - 165

0.0 "UE 12 C" (described in Line 2) 956.08

0.9 UE 12 C A, 0.9 mi E. along Co. rd. "C" from chiseled square; T. 89 N., R. 2 W., near cor. secs. 28, 29, 32 and 33; 37 ft S., 25 ft E. and 1.9 ft lower than T-rd. N.; in E. end of corrugated steel pipe culvert; a punched hole 986.4

1.9 UE 12 C B, 1.9 mi E. along Co. rd. "C" from chiseled square; T. 89 N., R. 2 W., near cor. secs. 27, 28, 33 and 34; 26 ft S., 1 ft W. and 0.8 ft higher than center of rd. at cross-fence; in W. end of corrugated steel pipe culvert; a punched hole 1039.5

3.0 UE 12 C C, 0.8 mi N. and 2.2 mi E. of chiseled square; T. 89 N., R. 2 W., near center of sec. 27, 25 ft S., 28 ft E. and 0.4 ft lower than center of Co. rd. "C" at T-rd. E.; on S. end of concrete culvert; a chiseled square 1019.57

4.0 Reference mark, 775 ft W. of tablet; 20 ft normal to and on S. side of rd., on E. end of S. headwall of concrete culvert; chiseled square 1020.75

4.0 Dyersville, 0.6 mi N. and 4.0 mi E. of; T. 89 N., R. 2 W., near center of sec. 26, 34 ft N. and 33 ft E. of extended center of Trd. S.; 3 ft NW. of fence corner; in top of concrete post; standard tablet stamped "13 GHC 1961 1062" 1061.896

5.3 UE 13 A, 1.3 mi E. along rd. from tablet; T. 89 N., R. 2 W., near center of sec. 25; 39 ft S., 25 ft W. and 0.7 ft lower than T-rd. W.; in NE. side of telephone pole; a RR. spike; 1128.44

TURKEY RIVER QUAD. - 189

6.3 UE 13 B, 1.0 mi N. and 1.3 mi E. of tablet; T. 89 N., R. 2 W., 0.2 mi E. of center of sec. 24, 19 ft S., 42 ft W. and 1 ft lower than T-rd. S.; in SW. end of a corrugated steel pipe culvert; a punched hole 1100.6

7.6 UE 13 C, 1.0 mi N. and 2.5 mi E. of tablet; T. 89 N., R. 1 W., near quarter cor. between secs. 19 and 20; at junction of rd. with Co. rd. "G", 35 ft N., 32 ft E. and 3.8 ft lower than center of Co. rd. "G" and Y-rd. NW.; in N. end of corrugated steel pipe culvert; a punched hole 1147.3

LINE 3 (Cont'd)

MC CARTNEY QUAD. - 188

Feet

- 8.5 Bankston, 1.0 mi S. and 0.75 mi W. of; T. 89 N., R. 1 W., near quarter cor. between secs. 20 and 21, 23 ft N. and 81 ft E. of center of T-rd. N.; 28 ft E. of power pole; in concrete post; flush with ground; standard tablet stamped "24 JDF 1953" 1152.004

LINE 4

NORTH ALONG WEST BORDER (G.D. Scroggins, 1964; CV 1754)

FARLEY NO 1 QUAD. - 165

- 1 58 0.0 Hopkinton at; 1 block NE of the Chicago, Milwaukee, St. Paul and Pacific RR. at Lennox College campus; at a Civil War Monument; in top of S. side of stone base US&GS standard disk stamped "Y 71 1934" and set vertically 898.315
- 0.6 UE Y 71 A, in NE $\frac{1}{4}$ sec. 18, T. 87 N., R. 3 W., 14 ft S., 83 ft E. and 0.5 ft lower than N. fork of Y rd. 6 ft SE. of stop sign on S. end of 18-in. corrugated metal culvert; a punched hole; painted "UE Y 71 A" 954.8
- 59 1.0 UE Y 71 B, in SE $\frac{1}{4}$ sec. 7, T. 87 N., R. 3 W., 10 ft N., 35 ft W. and 5.4 ft higher than T-rd. E.; in E. side of powerline pole about 1 ft above ground; a rail spike 938.42
- 60 1.6 UE Y 71 C, in NE $\frac{1}{4}$ sec. 7, T. 87 N., R. 3 W., 13 ft E. and 2.5 ft lower than center of rd., 135 ft N. of fence W.; on E. end of 36-in. corrugated metal culvert; a punched hole; painted "UE Y 71 C" 974.0
- 62 1.8 UE Y 71 D, in NE $\frac{1}{4}$ sec. 6, T. 87 N., R. 3 W., 85 ft N., 13 ft W. and 2.7 ft lower than T-rd. E.; on W. end of 16-in. corrugated metal culvert; a punched hole; painted "UE Y 71 D" 1016.0
- 63 3.0 Reference mark, 90 ft NNW. of tablet; 204 ft N. and 20 ft W. of center of bridge over plum creek; on S. end of 36-in. corrugated metal culvert; a punched hole; painted "RM" 859.93
- 3.0 Hopkinton, about 2.5 mi N. and 0.7 mi E. of; T. 87 and 88 N., R. 3 W., near E. sixteenth cor. secs. 6 and 31; 108 ft N., 30 ft E. from N. end of bridge over Plum Creek; 1.0 ft E. of N.-S. fence; 24 ft S. of fence line E.; in concrete post; standard tablet stamped "13 GDS 1964" 858.883
- 64 3.6 UE 13 GDS A, in NE $\frac{1}{4}$ sec. 31, T. 88 N., R. 3 W., 17 ft W. and 2.2 ft lower than center of rd. about 100 ft S. of field entrance, near crest of hill; on W. end of 20-in. corrugated metal culvert; a punched hole; painted "UE 13 A" 1022.1
- 65 4.0 UE 13 GDS B, in SE $\frac{1}{4}$ sec. 30, T. 88 N., R. 3 W., 14 ft N. and 37 ft W. and 0.4 ft higher than T-rd. W.; on N. end of 18-in. corrugated metal culvert; a punched hole; painted "UE 13-B" 1009.8
- 66 4.5 UE 13 GDS C, in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 88 N., R. 3 W., 24 ft S. and 22 ft E. and 1.2 ft lower than T-rd. S.; on S. end of 18-in. corrugated metal culvert; a punched hole; painted "UE 13 C" 936.9
- 67 5.2 UE 13 GDS D, at quarter cor. sec. 25 and 30; T. 88 N., R. 3 and 4 W., 35 ft N. and 27 ft E. and 0.4 ft lower than T-rd. N.; on N. end of 18-in. corrugated metal culvert; a punched hole; painted "UE 13 D" 1000.3
- 68 6.0 Reference mark, 160 ft ENE. of tablet; 154 ft E. (normal to rd.) 19 ft S., on S. end of 36-in. corrugated metal culvert; a punched hole; painted "RM" 1051.83
- 6.0 Delhi, 1.0 mi S. and 4.2 mi E. of; 4.2 mi S. and 1.2 mi E. of Earlville; T. 88 N., R. 3 and 4 W., near S. sixteenth cor. secs. 19 and 24, 64 ft S. and 32 ft E. and 0.6 ft lower than T-rd. S.; 1.0 ft W. of E. right-of-way fence 10 ft S. of S. gate post; in S. concrete post; a standard tablet stamped "14 GDS 1964" painted "EM 14 GDS 1964" 1055.570

FARLEY NO 1 QUADRANGLE
165 - IOWA

LINE 4 (Cont'd)

FARLEY NO 2 QUAD. - 166

Feet

- 1 70 7.1 UE 14 GDS A, near quarter cor. secs. 23 and 24; T. 88 N., R. 4 W., 56 ft S., 27 ft W. and 6.1 ft lower than T-rd. N.; in base of power line pole; on N. side; a rail spike; painted "UE 14 A" 977.78
- 71 7.6 UE 14 GDS B, in SW $\frac{1}{4}$ sec. 13, T. 88 N., R. 4 W., 5.0 ft N., 9.0 ft E. and 1.2 ft higher than field rd. W.; about 25 ft SW. of S. gate post; on top of N. end of large willow log; head of rail spike 1001.21
- 72 8.1 UE 14 GDS C, at quarter cor. secs. 13 and 14; T. 88 N., R. 4 W., 14 ft S., 20 ft W. and 1.8 ft lower than crossroad; on W. end of 18-in. corrugated metal culvert; a punched hole; painted "UE 14 C" 1007.8
- 73 8.7 UE 14 GDS D, near cor. secs. 11, 12, 13 and 14; T. 88 N., R. 4 W., 19.8 ft S. from NW. corner of wooden bridge; 19.8 ft above drain; 1.0 ft higher than center of bridge; on top of 6 x 6 wood railing; head of bolt with chiseled cross; painted "UE 14 D" 927.65
- 74 9.0 Reference mark, 120 ft NNE. of tablet; 32 ft E. of center of Co. rd.; about 30 ft S. of fence line E.; in W. side of telephone pole; of base of; head of rail spike painted "RM" 949.35
- 9.0 Earlville, 2.5 mi S. and 0.3 mi E. of; 0.8 mi N. and 3.3 mi E. of Delhi, T. 88 N., R. 4 W., near S. sixteenth cor. secs. 11 and 12; 22 ft NE. (normal to rd.) and 43 ft E. and 0.2 ft lower than center of Co. rd. at Trail E.; 4.5 ft NE. of NE. corner of gate post; 0.5 ft E. of E. right-of-way fence; about 150 ft SW. of fence line E.; in a concrete post; standard tablet stamped "15 GDS 1964" painted "RM" 947.406
- 75 9.8 UE 15 GDS A, near cor. secs. 1, 2, 11 and 12; T. 88 N., R. 4 W., 32 ft S., 14 ft W. and 0.5 ft lower than crossroad; on W. end of 18-in. corrugated metal culvert; punched hole; painted "UE 15 A" 1022.1
- 76 10.3 UE 15 GDS B, near quarter cor. secs. 1 and 2; T. 88 N., R. 4 W., 20 ft S., 35 ft E. and 1.0 ft lower than T-rd. E.; at field entrance S., on W. end of 18-in. corrugated metal culvert; punched hole; painted "UE 15 B" 1035.83
- 11.3 UE 15 GDS C, near SE. cor. sec. 35, T. 89 N., R. 4 W., 65 ft S., 31 ft E. and 0.2 ft lower than T-rd. S.; (private rd. S.) about 400 ft S. of new Hwy. U.S. 20 (under construction) on NE. end of 18-in. corrugated metal culvert; punched hole; painted "UE 15 C" 1026.2
- 77 12.0 Reference mark, 70 ft SW. of tablet; 23 ft S. and 23 ft E. of T-rd. on NE. corner of concrete foundation of street light; a chiseled square; (light has been removed, new foundation and light fixtures replaced) 993.49
- 12.0 Earlville, in the town of; T. 89 N., R. 4 W., near N. sixteenth cor. secs. 35 and 36; 29 ft N. and 23 ft E. and 1.1 ft lower than T-rd. E.; 620 ft S. of U.S. Hwy. 20; 4.5 ft W. of sidewalk; in center of concrete foundation of old street light; a standard tablet stamped "16 GDS 1964" 993.811
- 78 12.5 UE 16 GDS A, near quarter cor. secs. 25 and 26, T. 89 N., R. 4 W., 19 ft W. and 1.7 ft lower than center of rd. in center of W. headwall of 2 x 3 ft concrete box culvert; a chiseled square; painted "UE 16 A" 1001.71
- 79 13.1 UE 16 GDS B, in SE $\frac{1}{4}$ sec. 23, T. 89 N., R. 4 W., 17 ft W. and 0.8 ft lower than center of rd., 780 ft S. of T-rd. E.; on W. end of 36-in. concrete tube culvert; a chiseled square; painted "UE 16 B" 996.85
- 80 14.4 UE 16 GDS C, in NE $\frac{1}{4}$ sec. 24, T. 89 N., R. 4 W., at first grade crossing NW. of US&GS B.M. H 73; in center of rd. on top of N. rail; painted "UE 16 C" 982.3

LINE 4 (Cont'd)

ELKADER NO 3 QUAD. - 190

Feet

1 80 14.8 Petersburg, 2.8 mi NW. along the Chicago Great Western RR. from station at; 15 poles NW. of milepost 209, at a public rd. crossing, 32 ft W. of center of rd., 12 ft N. of center of track, at a 5 x 6 ft stone cattle pass, in top of the NE. corner of NW. stone wingwall; and 4 ft lower than track; a USC&GS standard disk stamped "H 73 1934" (NOTE: USGS reports mark, 3.0 mi S. and 2.0 mi W. of; T. 89 N., R. 3 and 4 W., near N. sixteenth cor. between secs. 24 and 19; 2000 ft E. of public rd. crossing; 35 ft W. of N.-S. fence) 965.385

LINE 5

SOUTH THRU CENTER OF QUAD. (G.D. Scroggins, 1964; CV 1754)

FARLEY NO 1 QUAD. - 165

- 2 1 0.0 USC&GS "D 73 1934" (described in Line 2) 941.619
- 0.7 UE D 73 A, in SE $\frac{1}{4}$ sec. 31, T. 89 N., R. 2 W., 24 ft N., 24 ft E. and 0.2 ft lower than center of 4 th street SE., and 8th Ave. SE., 2.0 ft SW. of wood pole street light; on NE. curb of street; a chiseled square; painted "UE 73 D A" 940.06
- 2 1.5 UE D 73 B, in NE $\frac{1}{4}$ sec. 6, T. 88 N., R. 2 W., 19.5 ft E. and 0.8 ft higher than center of rd. opposite; 13.5 ft above drain; about 420 ft N. of intersection of State Hwy. 136 and U.S. Hwy. 20; on top of SE. wingwall of concrete bridge; a chiseled square; painted "UE " 950.49
- 3 2.1 Reference mark, 50 ft SE. of tablet; 18 ft E. of center of Hwy. 136; at SE. corner of 12 x 16 concrete box culvert; on S. end of E. headwall; chiseled square 959.80
- 2.1 Dyersville, 1.5 mi S. and 0.5 mi E. of; T. 88 N., R. 2 W., in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6, 25 ft W. and 2.1 ft lower than center of hwy. 136; about 1200 ft SSW. of F.S. Bulk Oil Plant; 16 ft above drain; on top and in center of W. headwall of 12 x 16 ft concrete box culvert; a standard tablet stamped "17 GDS 1964" 959.120
- 4 2.7 UE 17 GDS A, in NE. cor. of sec. 7, T. 88 N., R. 2 W., 32 ft S., 40 ft W. and 6.8 ft lower than T-rd. W.; (private rd.) on top of W. end of 24 in. concrete tube type culvert; a chiseled square; painted "UE 17 A" 1060.23
- 5 3.5 UE 17 GDS B, near E. sixteenth cor. secs. 7 and 18, T. 88 N., R. 2 W., 40 ft N., 37 ft E. and 1.9 ft lower than T-rd. E.; on top of N. end of 24-in. concrete tube type culvert; a chiseled square; painted "UE 17 B" 1072.52
- 6 4.4 UE 17 GDS C, in SE $\frac{1}{4}$ sec. 18, T. 88 N., R. 2 W., 17 ft N., 27 ft E. and 3 ft lower than T-field rd. E.; on E. end of 24 in. concrete tube type culvert; chiseled square; painted "UE 17 C" 1061.26
- 7 4.9 Reference mark, 180 ft WSW. of tablet; 23 ft N. and 82 ft W. of crossroad; 40 ft S. from SE. corner of white frame house; on top of E. end of 18-in. corrugated metal culvert; a punched hole; painted "RM" 1000.48
- 4.9 Dyersville, 4.2 mi S. and 0.5 mi E. of; 1.8 mi N. and 0.1 mi E. of Worthington, T. 88 N., R. 2 W., NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 19, 53 ft N., 69 ft E. and 0.2 ft lower than crossroad; 2.0 ft W. of fence corner; 1.5 ft W. of E. right-of-way fence; 3.0 ft W. of Greeley Milling Co. sign board; in concrete post; standard tablet stamped "18 GDS 1964" painted "RM" 1002.778
- 8 5.7 UE 18 GDS A, near quarter cor. secs. 19 and 24, T. 88 N., R. 2 and 3 W., 16 ft N. and 1.1 ft lower than center of rd. on top and in center of N. headwall of 3 x 4 ft concrete box culvert; a chiseled square; painted "UE 18 A" 963.94
- 9 6.0 UE 18 GDS B, near center of sec. 24, T. 88 N., R. 3 W., 105 ft E. from SW. corner of bridge; 0.9 ft higher than center of bridge; 27 ft above water; at bridge over N. fork of Maquoketa River; on S. concrete railing; a chiseled square; painted "UE 18 B" 918.78

FARLEY NO 1 QUADRANGLE
165 - IOWA

LINE 5 (Cont'd)	FARLEY NO 1 QUAD. - 165	Feet
2 10 6.2 UE 18 GDS C, near quarter cor. secs. 24, and 25; T. 88 N., R. 3 W., 18 ft W. of rd., about 130 ft S. of bend in rd., on top of W. end of 24-in. corrugated metal culvert; a punched hole; painted "UE 18 C"		948.5
7.2 UE 18 GDS D, in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 88 N., R. 3 W., 18 ft S., 28 ft W. and 0.9 ft lower than T-rd. W.; on S. end of 24-in. corrugated metal culvert; a punched hole; painted "UE 18 D"		918.7
11 7.8 Worthington, about 0.4 mi S. and 1.2 mi W. of; T. 88 N., R. 3 W., near center of NW $\frac{1}{4}$ sec. 36, 50 ft N., 9.0 ft E. and 1.1 ft lower than rd. at private rd. E.; at NE. end of bridge; about 1.0 ft lower than center of bridge; 1.0 ft N. of E. iron railing of bridge; on top of NE. concrete foundation of bridge; standard tablet stamped "19 GDS 1964"		904.070
7.8 Reference mark, 60 ft S. of tablet; 13 ft S. and 25 ft E. of rd. at private rd. E.; on S. end of 18-in. corrugated metal culvert; a punched hole;		902.16
12 8.2 UE 18 GDS A, in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 36, T. 88 N., R. 3 W., 103 ft S., 38 ft W. and 8.9 ft lower than T-rd. W.; on SE. end of 19 in. corrugated metal culvert; a punched hole; painted "UE 19 A"		922.0
13 9.2 UE 19 GDS B, in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 1, T. 87 N., R. 3 W., 19 ft S., 22 ft W. and 0.4 ft higher than T-rd. W.; 8 ft NW. of Al Demmer's mail box; on SW. end of 28-in. concrete tube type culvert; a chiseled square; painted "UE 19 B"		994.89
14 9.9 UE 19 GDS C, near center of NW $\frac{1}{4}$ sec. 12, T. 87 N., R. 3 W., 21 ft N., 28 ft W. and 3.8 ft lower than rd. at field entrance W.; about 500 ft N. of a farmhouse; on N. end of 30-in. corrugated metal culvert; a punched hole		898.3
15 10.4 UE 19 GDS D, near quarter cor. secs. 11 and 12; T. 87 N., R. 3 W., 34 ft S., 19 ft E. and 3.4 ft lower than T-rd. S.; on E. end of 20-in. corrugated metal culvert; punched hole; painted "UE 19 D"		962.9
16 11.0 Reference mark, 610 ft N. along Co. rd. from tablet; 11 ft W. of rd.; in center of W. headwall; 14 x 5 ft concrete box culvert; a chiseled square; painted "RM"		918.41
11.0 Sand Springs, about 2.4 mi N. and 2.0 mi E. of; T. 87 N., R. 3 W., near cor. secs. 11, 12, 13 and 14; 14 ft E. and 0.8 ft higher than center of rd. at SE. corner of concrete bridge; 10 ft above E.-W. drain; in center of SE. concrete wingwall of bridge; a standard tablet stamped "20 GDS 1964" painted "EM"		918.864
17 11.5 UE 20 GDS A, near quarter cor. secs. 13 and 14; T. 87 N., R. 3 W., 38 ft S., 23 ft W. and 0.7 ft higher than T-rd. E.; at base of powerline pole on E. side; head of rail spike; painted "UE 20 A"		986.84
18 12.0 UE 20 GDS B, near cor. secs. 13, 14, 23 and 24; T. 87 N., R. 3 W., 29 ft S., 31 ft W. and 1.0 ft lower than T-rd. N.; at base of powerline pole; brase and on N. side of; head of rail spike; painted "UE 20 B"		953.68
19 12.7 UE 20 GDS C, in SW $\frac{1}{4}$ sec. 24, T. 87 N., R. 3 W., 31 ft S., 31 ft E. and 1.0 ft higher than T-rd. E.; at base of power line pole; on W. side of; head of rail spike painted "UE 20 C"		940.61
22 13.4 UE 20 GDS D, in NW $\frac{1}{4}$ sec. 25, T. 87 N., R. 3 W., 60 ft S., 230 ft W. and 1.3 ft lower than center of grassy triangle at S. rd. forks; 10 ft S. of stop sign, on E. end of 24-in. concrete tube type culvert; a chiseled square; painted "UE 20 D"		921.20
23 14.1 Reference mark, 40 ft SW. of tablet; 11 ft S., 44 ft W. of center of bridge at E. end of bridge; at SW. cor. of bridge; on top of S. concrete railing and at W. end of; a chiseled square		887.00

<u>LINE 5 (Cont'd)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	<u>Feet</u>
2 23 14.1 Cascade, about 1.8 mi N. and 6.0 mi W. of; T. 87 N., R. 2 and 3 W., near N. sixteenth cor. of sec. 25 and 30, 11 ft N., 5 ft W. and 0.8 ft higher than center of bridge at E. end of NE. end of bridge; 13 ft above water; on top of N. concrete railing at E. end of; a standard tablet stamped "21 GDS 1964" painted "EM"		887.422
24 14.7 UE 21 GDS A, near center of sec. 30, T. 87 N., R. 2 W., 140 ft SE. (normal to rd.) 16 ft SW. and 1.6 ft lower than rd. forks; on W. end of damaged 36-in. corrugated metal culvert; punched hole; painted "UE 21 A"		914.0
26 15.8 UE 21 GDS B near quarter cor. secs. 31 and 32; T. 87 N., R. 2 W., 10 ft N., 21 ft W. and 0.8 ft lower than T-rd. E.; at base of powerline pole; on E. side of; head of rail spike; painted "UE 21 B"		966.90
16.7 UE 21 GDS C, near quarter cor. secs. 5 and 6, T. 86 N., R. 2 W., 8 ft N., 21 ft E. and 0.9 ft lower than rd. at field entrance E.; about 250 ft SSW. of a 2 story brick farmhouse; on N. end of 18-in. corrugated metal drive culvert; punched hole; painted "UE 21 C"		994.1
27 17.3 Monticello, about 3.0 mi N., 4.0 mi E. of; T. 86 N., R. 2 W., near cor. secs. 5, 6, 7 and 8; 25 ft N., 81 ft E. and 1.4 ft lower than T-rd. N.; in center and on top of N. headwall of 4 x 5 concrete box culvert; used as cattle pass; a standard tablet stamped "24 GDS 1964" painted "EM"		981.840

LINE 6

<u>EAST NEAR CENTER OF EAST BORDER (G.D. Scroggins, 1964; CV 1754)</u>	<u>FARLEY NO 1 QUAD. - 165</u>
2 29 0.0 Cascade, about 3.8 mi N. and 0.4 mi E. of; T. 87 N., R. 1 W., near center of NW $\frac{1}{4}$ sec. 18, 17 ft S., 72 ft W. of center of blacktop at W. rd. fork; 1.1 ft lower than center of rd. opposite tablet; about 1000 ft W. of white 2 story farmhouse; with 3 large red barns, on top of W. end of S. headwall of 4 x 5 ft concrete box culvert; a standard tablet stamped "29 GDS 1964"	925.706

PEOSTA NO 2 QUAD. - 164

1.1 UE 29 GDS B, near center of NW $\frac{1}{4}$ sec. 17, T. 87 N., R. 1 W., 19 ft N., 49 ft W. and 1.6 ft lower than T-drive N.; on NW. end of 40-in. corrugated metal culvert; punched hole; painted "UE 29 B"	913.8
30 1.6 UE 29 GDS C, near N. sixteenth cor. between secs. 16 and 17, T. 87 N., R. 1 W., 9 ft S., 3 ft W. and 0.9 ft above center of bridge over John Creek; 13 ft above water; on top of S. concrete curb at E. end; a chiseled square; painted "UE 29 C"	872.96
31 2.4 UE 29 GDS D, near E. sixteenth cor. sec. 9 and 16, T. 87 N., R. 1 W., 24 ft N., 12 ft E. and 0.6 ft lower than rd. at field entrance N.; across rd. from abandoned school bldg., on E. end of 24-in. corrugated metal culvert; punched hole; painted "UE 29 D"	927.5

LINE 7

SOUTHEAST IN SOUTHEAST PORTION OF QUAD. (G.D. Scroggins, 1964; CV 1754)

FARLEY NO 1 QUAD. - 165

2 41 0.0 UE 26 GDS A, at Cascade, at junction of U.S. Hwy. 151 and State Hwy. 136, at NE. cor. of intersection, 31 ft N. and 31 ft E. and 0.1 ft lower than crossroads; on S. side of concrete base of city street light level with sidewalk; a chiseled square	818.98
0.6 UE 26 GDS B, near quarter cor. secs. 1 and 6; T. 86 N., R. 1 and 2 W., 11 ft S., 20 ft E. and 2.1 ft lower than center of Hwy. 136 at drive E.; about 50 ft S. of hwy. sign designating (slower speed ahead) on E. end of 36-in. concrete tube culvert; chiseled square; painted "UE 26 B"	883.98

FARLEY NO 1 QUADRANGLE
165 - IOWA

LINE 7 (Cont'd)

FARLEY NO 1 QUAD. - 165

Feet

2 43 1.4 UE 26 GDS C, near center of NW $\frac{1}{4}$ sec. 7, T. 86 N., R. 1 W., 69 ft S., 46 ft W. and 3.9 ft lower than T-rd. S.; at base of powerline pole and on N. side of; head of rail spike; painted "UE 26 C" 942.36

PEOSTA NO 2 QUAD. - 164

44 2.4 UE 26 GDS D, in SW $\frac{1}{4}$ sec. 8, T. 86 N., R. 1 W., 51 ft SW., 129 ft NW. and 2.8 ft lower than crossroad; on SE. end of 18-in. corrugated metal drive culvert; punched hole; painted "UE 26 D" 964.1

45 3.0 Referencemark, 50 ft NE. of tablet; 20 ft NE. of center of Hwy. 136; on top and in center of NE. headwall of a 4 x 6 ft concrete cattle pass; State Hwy. dept. copper nail and washer; painted "RM" 940.64

3.0 Cascade, about 2.0 mi S. and 1.5 mi E. of; T. 86 N., R. 1 W., near quarter cor. of secs. 8 and 17, 30 ft SW. and 4.8 ft lower than center of hwy. 136; on top of S. end of SW. headwall of 4 x 6 ft concrete cattlepass; a standard tablet stamped "36 GDS 1964" painted "BM" 935.552

LINE 8

EAST THRU SOUTH PORTION OF QUAD. THENCE NORTH (G.D. Scroggins, 1964; CV 1754)

NOTE: LEVELING PERFORMED BY SECOND ORDER METHODS.

FARLEY NO 1 QUAD. - 165

3 1 0.0 Monticello, 1.6 mi NW. along the Chicago, Milwaukee, St. Paul and Pacific RR. from the station at, 10 $\frac{1}{2}$ poles S. of milepost 26, in the top of the W. end of the S. stone pier between a bannister and a girder, 8 in. W. of girder joint, and about 6 ft lower than track; a US&GS standard disk stamped "V 71 1934" 807.784

0.5 UE V 71 A, near E. sixteenth cor. secs. 16 and 21; T. 86 N., R. 3 W., 1.0 mi N. along C.M. St. P. & P. RR. from station; on top of W. rail at center of rd. crossing; painted "UE V 71 A" 815.92

MONTICELLO QUAD. - 140

2 1.6 Monticello at; in the S. stone block wall of the Monticello State Bank; 0.5 ft below first window W. of the front entrance, and 3.5 ft above the sidewalk; a US&GS standard disk stamped "U 71 1934" and set vertically 837.154

FARLEY NO 1 QUAD. - 165

3 0.8 UE U 71 A, near center of sec. 22, T. 86 N., R. 3 W., at NE. end of bridge on U.S. Hwy. 151 at the Maquoketa River; 16 ft above water; 1.0 ft higher than rd. at NE. end of bridge; on N. end of E. concrete railing; a chiseled square; painted "UE 71 A" 807.79

5 1.7 Reference mark, 160 ft SE. of tablet; 51 ft S., 100 ft E. of rd. forks; on NE. side of power pole; at base; head of rail spike; painted "RM" 902.71

6 1.7 Monticello, about 1.0 mi N., 1.2 mi E. of; T. 86 N., R. 3 W., near W. sixteenth cor. secs. 14 and 23, 65 ft NE. (normal to Hwy. 151) 67 ft N. and 2.8 ft higher than rd. forks; 7 ft E. of evergreen tree; 5 ft N. of NW. right-of-way fence; at SE. corner of small cemetery; in concrete post; standard tablet stamped "22 GDS 1964" painted "BM" 900.973

7 2.4 UE, 22 GDS A, near center of sec. 14, T. 86 N., R. 3 W., 26 ft N., 17 ft W. and 1.3 ft lower than T-rd. N.; to large rock pit, on top of SW. end of 18-in. corrugated metal culvert; a punched hole; painted "UE 22 A" 884.8

8 3.3 UE 22 GDS B, near quarter cor. secs. 12 and 13; T. 86 N., R. 3 W., 52 ft N., 65 ft E. and 1.1 ft lower than Trd. E.; on top of NE. end of 30-in. concrete tube type culvert; a chiseled square; painted "UE 22 B" 980.90

<u>LINE 8 (Cont'd)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	<u>Feet</u>
3 10 3.9 Reference mark, 140 ft SW. of tablet; 436 ft NE. (normal to Hwy. 151) from T-rd. N.; 60 ft SE. of center of hwy.; on N. side of powerline pole at base; a RR. spike; painted "RM"		953.13
11 3.9 Monticello, 2.8 mi N. and 2.6 mi E. of; T. 86 N., R. 3 W., near center of sec. 12; 535 ft NE. (normal to Hwy. 151) from T-rd. N.; 22 ft NW. and 1.5 ft lower than center of hwy. 151; on top and in center of N. headwall of 5 x 5 concrete box culvert; a standard tablet stamped "23 GDS 1964" painted "BM"		952.606
12 4.8 UE 23 GDS A, near cor. secs. 1, 6, 7 and 12; T. 86 N., R. 2 and 3 W., 46 ft S., 19 ft W. and 4.0 ft lower than center of hwy. 151 at field rd. S.; on top of W. end of 18-in. corrugated metal drive culvert; a punched hole; painted "UE 23 A"		972.1
13 5.6 Reference mark, 49 ft S. of tablet; 81 ft E. and 24 ft S. of T-rd. N.; on top and in center of S. headwall of 4 x 5 concrete box culvert; (used as a cattle pass) a state hwy. dept. copper nail and washer		983.99
15 5.6 Monticello, about 3.0 mi N., 4.0 mi E. of; T. 86 N., R. 2 W., near cor. secs. 5, 6, 7 and 8; 25 ft N., 81 ft E. and 1.4 ft lower than T-rd. N.; in center and on top of N. headwall of 4 x 5 concrete box culvert; used as a cattle pass; a standard tablet stamped "24 GDS 1964"		981.840
16 6.7 UE 24 GDS A, near S. sixteenth cor. secs. 4 and 5; T. 86 N., R. 2 W., 29 ft S., 32 ft E. and 0.1 ft higher than private rd. N.; at base of powerline pole; and on N. side of; head of rail spike; painted "UE 24 A"		1018.94
17 7.5 Reference mark, 300 ft W. of tablet; 28 ft S. of center of hwy.; on top of S. end of 42-in. concrete tube type culvert; chiseled square		1012.42
18 7.5 Cascade, about 0.5 mi S., 3.2 mi W. of; T. 86 N., R. 2 W., in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4; 300 ft W. of private rd. N.; 54 ft S. and 1 ft higher than center of Hwy. 151; 1.5 ft S. of powerline pole; 3 ft N. of S. right-of-way fence; in concrete post; standard tablet stamped "25 GDS 1964"		1014.754
20 8.7 UE 25 GDS A, in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3, T. 86 N., R. 2 W., 53 ft N., 24 ft W. and 2.3 ft lower than T-rd. N.; on top of W. end of 24-in. concrete tube type culvert; a chiseled square; painted "UE 25 A"		974.46
21 9.7 Reference mark, 230 ft W. of tablet; 25 ft S. of center of Hwy. 151; in center and on top of S. headwall of 2 x 2 ft concrete box culvert; a chiseled square painted "RM"		958.81
21 9.7 Cascade; about 0.2 mi S. and 1.2 mi W. of; T. 86 N., R. 2 W., near N. sixteenth cor. secs. 1 and 2; 95 ft S., 18 ft W. and 1.0 ft lower than T-rd. S.; at SW. end of culvert; on S. end of W. headwall of 3 x 3 ft concrete box culvert; a standard tablet stamped "26 GDS 1964"		946.438
24 10.7 UE 26 GDS A, at Cascade, at junction of U.S. Hwy. 151 and State Hwy. 136; at NE. cor. of intersection, 31 ft N and 31 ft E. and 0.1 ft lower than crossroad; on S. side of concrete base of city street light level with sidewalk; a chiseled square		818.98
25 11.1 Reference mark, 75 ft NE. of tablet; 27 ft S., 41 ft E. of crossroad; (1st Ave. E. and Tyler Street) 1 ft S. of telephone pole; on N. side of sidewalk; a chiseled square; painted "RM"		852.31
26 11.1 Cascade at; T. 87 N., R. 1 W., near center of sec. 31, at city water tower; 100 ft S., 11 ft E. and 4.7 ft higher than crossroad; (1st Ave. E. and Tyler St.) on top of N. side of concrete foundation for water pipe leading up to bottom of water tower; a standard tablet stamped "27 GDS 1964" painted "BM"		856.950

LINE 8 (Cont'd)	FARLEY NO 1 QUAD. - 165	Feet
3 29 12.2 UE 27 GDS A, in SE $\frac{1}{4}$ sec. 30, T. 87 N., R. 1 W., 21 ft S., 32 ft E. and 1.7 ft lower than field entrance E.; near crest of hill; at base of telephone pole; on W. side of head of rail spike; painted "UE 27 A"		915.84
31 13.3 Cascade, about 2.2 mi N., 0.7 mi E. of; T. 87 N., R. 1 W., near center of SE $\frac{1}{4}$ sec. 19, 103 ft S., 29 ft W. and 5.5 ft lower than T-rd.; (private rd.) E. to farmhouse; 110 ft S. of dim field rd. W.; on top and in center of W. headwall of 3 x 4 ft concrete box culvert; a standard tablet stamped "28 GDS 1964" painted "EM"		886.334
33 13.3 Reference mark, 100 ft N. of tablet; 6 ft S., and 30 ft W. of private rd. E. to farmhouse; on top of S. end of 18-in. corrugated metal culvert; a punched hole painted "RM"		889.79
35 14.2 UE, in SE $\frac{1}{4}$ sec. 18, T. 86 N., R. 1 W., 25 ft W. and 6.4 ft lower than center of blacktop rd., on top of W. end of 26-in. damaged corrugated metal culvert; punched hole; painted "UE 28 A"		979.3
36 15.0 Reference mark, 100 ft E. of tablet; 30 ft N. and 23 ft E. of center of blacktop rd. at W. rd. forks; on top of NW. end of 18-in. corrugated metal culvert; punched hole; painted "RM"		923.82
37 15.0 Cascade, about 3.8 mi N. and 0.4 mi E. of; T. 87 N., R. 1 W., near center of NW $\frac{1}{4}$ sec. 18, 17 ft S., 72 ft W., of center of blacktop at W. rd. fork; 1.1 ft lower than center of rd. opposite B.M. about 1000 ft W. of white 2 story farmhouse with 3 large red barns; on top of W. end of S. headwall of 4 x 5 ft concrete box culvert; a standard tablet stamped "29 GDS 1964" painted "EM"		925.706
38 15.8 UE 29 GDS A, in SE $\frac{1}{4}$ sec. 12, T. 87 N., R. 2 W., 11 ft W. of center of rd., at NW. end of narrow concrete bridge; 0.4 ft above rd., 10 ft above drain; on top of N. end of concrete foundation of bridge; a chiseled square		935.52
40 16.5 Reference mark, 140 ft S. of tablet; 24 ft E. of rd. at base of power line pole; on W. side of; head of rail spike; painted "RM"		948.06
41 16.5 Cascade, about 4.8 mi N. and 0.8 mi W. of; T. 87 N., R. 2 W., near center of NW $\frac{1}{4}$ sec. 12, 11 ft E. of center of rd. at SE. end of concrete bridge; 0.6 ft above rd., 10 ft above drain; on top of S. end of concrete base of concrete railing of bridge; a standard tablet stamped "30 GDS 1964"		951.122
43 17.8 UE 30 GDS A, in NW $\frac{1}{4}$ sec. 1, T. 87 N., R. 2 W., 11 ft S. and 115 ft E. and 2.3 ft lower than T-rd. W.; on top of S. end of 18-in. corrugated metal drive culvert; a punched hole; painted "UE 30 A"		996.7
44 18.5 Farley, about 3.6 mi S. and 1.0 mi W. of; T. 88 N., R. 2 W., in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 36, 37 ft S., 21 ft E. and 2.9 ft lower than rd. at private drive W. to Herbert E. Steffen's Farm house; 35 ft S. of mail box; in center of E. headwall of 3 x 4 ft concrete box culvert; a standard tablet stamped "31 GDS 1964"		997.780
45 18.5 Reference mark, 80 ft NNW. of tablet; 13 ft N. and 29 ft W. of rd. at private drive W.; on N. end of 24-in. corrugated metal drive culvert; a punched hole		997.84
47 19.5 UE 31 GDS A, near center of sec. 25, T. 88 N., R. 2 W., 15 ft S., 31 ft W. and 2.0 ft lower than rd. at field entrance W.; on S. end of 18-in. corrugated metal culvert		1085.9
48 19.8 Farley, about 2.3 mi S. and 1.0 mi W. of; T. 88 N., R. 2 W., near quarter cor. secs. 23 and 25; 27 ft S., 29 ft W. and 0.9 ft lower than fence line W.; about 160 ft NE. of NE. corner of white 2 story farmhouse; in NE. corner of yard, in a concrete post; standard State Geodetic Survey tablet stamped "31-29" elev. by U.S.G.S.		1103.088

<u>LINE 8 (Cont'd)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	<u>Feet</u>
3 49 20.4	Farley, about 1.7 mi S. and 1.0 mi W. of; T. 88 N., R. 2 W., near center of sec. 24; 34 ft S., 35 ft E. and 0.7 ft lower than T-rd. W.; 5.0 ft E. of power line pole; 2.5 ft W. of E. right-of-way fence; in concrete post; standard tablet stamped "32 GDS 1964" and painted "RM"	1104.610
50 20.4	Reference mark, 80 ft W. of tablet; 25 ft S. and 44 ft W. of T-rd. W.; on top of E. end of 18-in. corrugated metal culvert; punched hole; painted "RM"	1002.51
52 21.3	UE 32 GDS A, near cor. secs. 13, 18, 19 and 24; T. 88 N., R. 1 and 2 W., 22 ft N., 160 ft W. and 2.8 ft lower than T-rd. N.; on N. end of 24-in. corrugated metal culvert; punched hole; painted "UE 32 A"	1109.9
54 22.4	Farley, about 0.4 mi S. and 0.5 mi W. of; T. 88 N., R. 1 and 2 W., near cor. secs. 7, 12, 13 and 18; 345 ft S. (normal to Co. rd. "G") and 46 ft E. from intersection of U.S. Hwy. 20 and Co. "G", 9 ft E. of E. right-of-way fence; 1 ft N. of fence line E.; 165 ft S. and 46 ft E. of T-rd. W.; in concrete post; stamped tablet stamped "33 GDS 1964"	1106.915
55 22.4	Reference mark, 460 ft NNE. of tablet; 92 ft NE. normal to Co. "G", 26 ft NW. and 3.5 ft lower than intersection of U.S. Hwy. 20 and Co. "G" on NW. end of 24-in. concrete tube type culvert; a chiseled square; painted "RM"	1110.13
56 22.9	UE 33 GDS A, in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, T. 88 N., R. 1 W. at Co. rd. "G" crossing the I.C. RR. about 250 ft SE. of I.C. RR station; in Farley, on top of N. rail of main line of Co. rd. "G" crossing; painted "UE 33 A centerline"	1109.0
57 23.8	Farley at; 150 ft E. of C.M. St. P. & P. RR. from station at; 45 ft E. of milepost 196, at an overhead hwy. crossing, 50 ft S. of center of track; at a 5 x 5 ft concrete box culvert; and in center of top of W. headwall; a USC&GS standard dis stamped "A 73 RESET 1935" (NOTE: This B.M. Established and elev. determined by Engrs. of Iowa State Hwy. Commission June 1936)	1061.650

PEOSTA NO 2 QUAD. - 164

58 1.9	UE A 73 A, near cor. of secs. 5, 6, 7 and 8; T. 88 N., R. 1 W., at a N.-S. public rd. crossing; on top of N. rail; at center of public rd. crossing.	1035.9
59 3.0	Farley, 1.6 mi NE. along the Chicago Great Western RR. from station at; 14 poles S.W. of milepost 194, at public rd. crossing, at a 24- ft concrete bridge, in the top of NE. wing of the N. concrete abutment, 46 ft S. of the center of track, and level with track; a USC&GS standard disk stamped "Z 72 1934"	982.265