

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

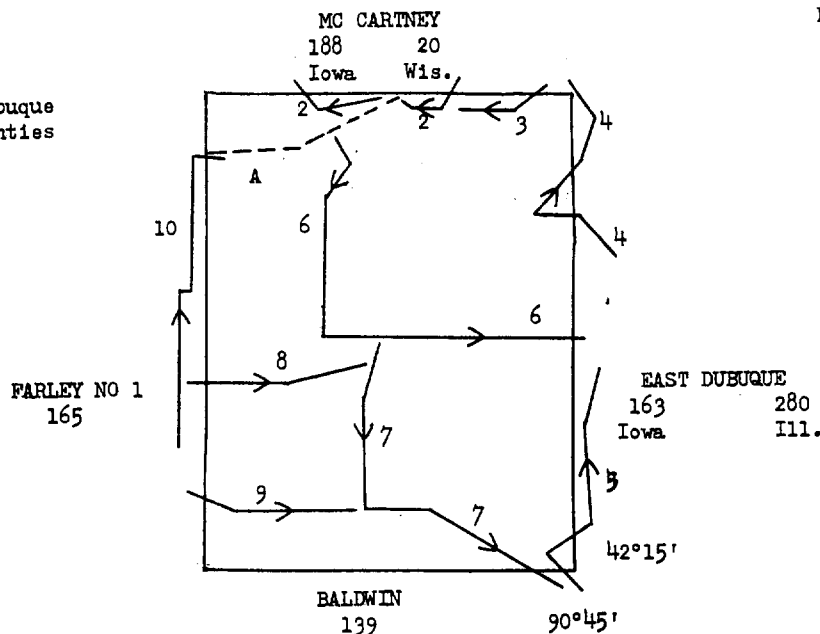
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PEOSTA NO 2 QUADRANGLE
164 2 IOWA
N4215-W9045/15
DIAGRAM NK 14-6
DUBUQUE, IOWA
ILL. WIS.

Jackson, Jones and Dubuque
Counties

Edition of 1/4/65

PR: AH:vdc



USC&GS LEVELING
A. No. 420903

Feet

LINE 1

ISOLATED BENCH MARKS NOT SHOWN ON DIAGRAM

- T. 87 N., R. 1 E., SE $\frac{1}{4}$ sec. 11, NE. cor. of frame bldg., formerly used as saloon at junction of rds. going S. (formerly Melleray post office, commonly called "Corners") iron post stamped "1065" 1065.1
- T. 87 N., R. 1 W., at quarter sec. line of sec. 25, Whitewater Township, rd. crossing Chicago, Milwaukee and St. Paul RR., near N. end of second tie from E. cattleguard; iron post stamped "889" 879.1
- Butler Township, sec. 1, T. 86 N., R. 1 E., S. side of rd. crossing, N. line of C.M. St. P. RR.; fence corner near William Cannon's gate; 20 ft SE. of cattleguard, iron post stamped "868" 858.0
- Peosta Station (Ill. Central RR.) 25 ft NW. of station sec. 9, T. 88 N., R. 1 E., 50 ft N. of main track; beside wagon rd., iron post stamped "1051" 1041.1
- T. 89 N., R. 1 E., sec. 36, E.-W. rd. crossing I.C. RR. near RR. fence, N. side of wagon rd., 50 ft W. of RR. track; iron post stamped "869" 859.5

LINE 2

- WEST ALONG NORTH BORDER (J.D. Finch, 1953; CV 594) MC CARTNEY QUAD. - 188
- 0.0 Budd, at Chicago, Great Western RR. station, about 18 poles SW. of milepost 183, at 100 ft hwy. bridge, in top of SW. wingwall of W. concrete abutment about 65 ft E. of center of track; and about 7 ft higher than track; standard disk stamped "S 72 1994" USC&GS disk 706.081
- 0.5 UE 72 A, 0.47 mi SW. along gravel rd., on N. end of pipe culvert; painted square 812.3

164 B

<u>LINE 2 (Cont'd)</u>		<u>MC CARTNEY QUAD. - 188</u>	<u>Feet</u>
0.9	UE 72 B, 0.92 mi W. along gravel rd., on concrete base of fence corner on E. side of drive to M. Bartels farm; chiseled square		936.91
1.4	UE 72 C, 1.39 mi W. along gravel rd., on center of SE. headwall of culvert; chiseled square		993.22
1.9	UE 72 D, 1.87 mi W. along gravel rd., on NW. end of pipe culvert; 80 ft NW. of center of Y-rd.; painted square		1050.4
2.2	Durango, 3.0 mi S. and 2.0 mi W. of; T. 89 N., R. 1 E., near cor. secs. 14, 15, 22 and 23, 605 ft W. of T-fence S. and field line N.; 26 ft W. of Co. Hwy. "C", 1.0 ft S. of fence; standard tablet set in concrete about 0.2 ft above ground stamped "20 JDF 1953"		1151.378
2.3	Reference mark, 70 ft E. and 52 ft S. from station		1153.06
2.9	UE 20 A, 0.56 mi W. along Co. Hwy. "C", 60 ft W. of T-rd. S.; in root of 30-in. oak tree; copper nail and washer		1105.26
3.3	UE 20 B, 1.11 mi SW. along gravel rd., on W. end of pipe culvert; painted square		1086.6
4.3	UE 20 C, 1.96 mi SW. along gravel rd., on W. end of pipe culvert; painted square		1133.5
<u>PEOSTA NO 2 QUAD. - 164</u>			
4.4	Centralia, 1.5 mi N. of; T. 89 N., R. 1 E., in SW $\frac{1}{4}$ sec. 27, 740 ft S. of crossroads; 3 ft N. of power pole; 1.5 ft E. of fence, 33 ft E. of center of rd., set in concrete standard tablet stamped "21 JDF 1953"		1145.896
4.4	Reference mark, 320 ft S. of tablet; on E. end of pipe culvert; on sharp point		1139.58
5.1	UE 21 A, 0.25 mi S. and 0.55 mi W. of; on N. side of rd., on W. end of pipe culvert; painted square		1142.8
5.7	UE 21 B, 0.26 mi S. and 1.05 mi W. of; on N. side of rd., on E. end of pipe culvert at field entrance; painted square		1132.6
6.1	UE 21 C, 0.26 mi S. and 1.51 mi W., on E. side of rd., on S. end of pipe culvert at field entrance; painted square		876.4
<u>MC CARTNEY QUAD. - 188</u>			
6.7	Graf, about 0.8 mi NE. along C. & G.W. RR. from station at; about 4 poles SW. of mile-post 187, at 100 ft steel bridge 187+13 over S. fork of Maquoketa River, in top of NW. end of NE. concrete abutment, 8 ft NW. of center of track; and about 1 ft lower than track; a USC&GS standard disk stamped "U 72 1934"		771.547
0.4	UE 72 AA, 0.43 mi S. along RR., on E. end of concrete culvert under gravel rd. just W. of RR.; chiseled square		759.87
0.8	UE 72 BB, 0.77 mi S. along RR., near NE. cor. of foundation of old sand house at Graf; chiseled square		768.92
<u>PEOSTA NO 2 QUAD. - 164</u>			
1.5	UE 72 CC, 1.52 mi SW. along RR., on SE. corner of switch box, on N. side of track; on W. side of rd. crossing		778.5
1.7	Centralia, 2.5 mi W. and 1.5 mi N. of; T. 89 N., R. 1 E., near center of sec. 30, 93 ft NE. of St. Marion Church, 34 ft from center of rd., 2 ft W. of power pole; in concrete set flush with ground; standard tablet stamped "22 JDF 1953"		848.458
1.7	Reference mark, 50 ft SW. of tablet, on NE. corner of concrete floor; chiseled square		845.99
2.2	UE 22 A, 0.47 mi N. along gravel rd., on N. end of pipe culvert at field entrance E.; painted square		871.6

<u>LINE 2 (Cont'd)</u>	<u>MC CARTNEY QUAD. - 188</u>	<u>Feet</u>
2.8 UE 22 B, 0.71 mi N. along gravel rd. S. end of pipe culvert at entrance to field E.		1047.3
3.4 UE, 22 C, 1.75 mi N. along gravel rd., in 24-in. oak tree; on S. side of T-rd. W. leading to Camp Little Cloud; copper nail and washer		1105.72
4.4 Bankston, 1.0 mi S. and 1.5 mi E. of; T. 89 N., R. 1 W., near center of sec. 23, 138 ft SW., 66 ft N. and 2.3 ft higher than center of rd. at entrance to Ray Wolf farm, 36 ft N. and 1 ft E. of fence corner, in concrete post; flush with ground; standard tablet stamped "23 JDF 1953 1158"		1157.883

LINE 3

<u>WEST ALONG EAST PORTION OF NORTH BORDER (J.D. Finch, 1953; CV 594)</u>	<u>MC CARTNEY QUAD. - 188</u>	
9.0 UE 27 B, 13 ft S., 12 ft W. and 0.6 ft lower than center of gravel crossroads; on S. end of metal pipe culvert; painted square		900.88
9.6 UE 27 C, 12 ft S., 6 ft E. and lower than drive to school S., on E. end of pipe culvert painted square		918.2
10.2 UE 27 D, 15 ft N. and 2.4 ft lower than center of rd. at drain, in center of N. head-wall of culvert; chiseled square		874.92
	<u>PEOSTA NO 2 QUAD. - 164</u>	
10.5 UE 27 E, 32 ft S., 48 ft W. and 0.5 ft lower than center of gravel crossroads; top of 1.5 in. iron right-of-way stake		901.13
11.3 UE 27 F, 23 ft N. and 15 ft E. and 0.7 ft lower than farm drive S.; in telephone pole on N. side of rd.; rail spike		909.13
11.5 Asbury, 1.0 mi S. and 2.15 mi W. of; 33 ft N. and 570 ft W. of center of rd. at N.-S. fence cor; secs. 23, 24, 25 and 26, T. 89 N., R. 1 E., 16 ft W. of T-fence N., 2 ft N. of N. right-of-way fence, in concrete post; standard tablet stamped "TT 28 T 1953"		977.018
11.5 Reference mark, 120 ft SE., in power pole; rail spike		974.40
12.0 UE 27 G, 27 ft N., 15 ft E. and 0.6 ft lower than center of rd. at N.-S. fence, top of 1.5 in. pipe projecting about 0.6 ft above ground		1075.18
12.4 UE 27 H, 13 ft S. of center of gravel rd., in center of S. headwall of concrete culvert; about 0.1 ft above rd., chiseled square		957.16
13.4 Asbury, 1.5 mi S. and 4.5 mi W. of; 31 ft S. and 253 ft E. of T-rd. E.; center of NW $\frac{1}{4}$ sec. 27, T. 89 N., R. 1 E., 3 ft S. of S. right-of-way fence; in concrete post; standard tablet stamped "TT 29 T 1953"		1157.177
13.5 Centralia, 1.5 mi N. of, T. 89 N., R. 1 E., in SW $\frac{1}{4}$ sec. 27, 740 ft S. of crossroads; 3 ft N. of power pole; 1.5 ft E. of fence; 33 ft E. of center of rd., standard tablet stamped "21 JDF 1953 1146"		1145.896

LINE 4

NORTH ALONG NORTH PORTION OF EAST BORDER (J.D. Finch, 1953; CV 594)

	<u>E. DUBUQUE QUAD. - 163</u>	
3.4 Dubuque, 5.0 mi S. and 4.0 mi W. of; 2.0 mi S. and 2.5 mi W. of Rockdale, near cor. secs. 16 and 21; T. 88 N., R. 2 E., 50 ft N. and 46 ft E. of T-rd. NW.; center of rd. at top of out, 3 ft E. of E. right-of-way fence, in concrete post; standard tablet stamped "TT 23 T 1953 RESET 1954"		797.611
3.4 Reference mark, 94 ft N., 46 ft W. on E. end of 6 ft metal pipe; painted square		776.60

PEOSTA NO 2 QUADRANGLE
164 - IOWA

LINE 4 (Cont'd)

E. DUBUQUE QUAD. - 163

Feet

- 3.8 UE 23 A, 24 ft N. and 12 ft W. and 0.3 ft lower than center of bridge at creek, on concrete abutment; chiseled square 724.88
- 4.5 UE 23 B, 16 ft S., 7 ft E. and 0.8 ft lower than center of steel bridge; on metal "I" beam support; painted square 749.2

PEOSTA NO 2 QUAD. - 164

- 4.9 UE 23 C, 2 ft N. and 6 ft E. and 0.1 ft lower than center of steel bridge; on wingwall chiseled square 736.89
- 5.6 Dubuque, 3.0 mi S. and 4.5 mi W. of; 3.0 mi W. of Rockdale, in NE $\frac{1}{4}$ sec. 8, T. 88 N., R. 2 E., 255 ft SE. along rd. from T-rd. SE.; 41 ft SW. of center of rd., on top of cut in concrete post; standard tablet stamped "TT 24 T 1953" 1118.514
- 5.6 Reference mark, 270 ft N. and 60 ft W. of tablet; in power pole; on N. side of gravel rd., rail spike 1102.38
- 6.4 UE 24 A, 60 ft N. and 18 ft E. and 0.3 ft lower than center of gravel Y-rd. NE.; in power pole; rail spike 1081.52
- 6.6 UE 24 B, 11 ft W. of rd. and same elev. of rd. at point where field and tree line leave rd. NW.; on top of large rock; chiseled square 1044.43
- 7.2 UE 24 C, 6 ft N. and 24 ft E. and 1.1 ft lower than center of gravel rd. at driveway E.; on top of metal pipe; painted square 875.6
- 7.8 Dubuque, 1.0 mi S. and 4.5 mi W. of; 3.0 mi W. of Rockdale, in NE $\frac{1}{4}$ sec. 5, T. 88 N., R. 2 E., 89 ft N. of drive SE. to house, 258 ft NW. of center tile silo, 80 ft W. of windmill, 32 ft W. of center of rd., 500 ft S. of point of intersection of curve NE., 3 ft W. of W. right-of-way fence; in concrete post; standard tablet stamped "TT 25 T 1953" 897.096
- 7.8 Reference mark, 350 ft NE., in power pole on E. side of rd., rail spike 877.58

E. DUBUQUE QUAD. - 163

- 8.5 UE 25 A, 51 ft E. and higher than rd. at T-fence E., in power pole at bend in rd. rail spike 780.4
- 8.7 UE 25 B, 11 ft S. and 7 ft W. from center of steel bridge; on concrete curbing; chiseled square 712.95
- 9.3 UE 25 C, 11 ft W. and 0.3 ft higher than center of rd. at drain, in SW. corner of headwall of bridge; chiseled square 707.46
- 9.9 Dubuque, 1.0 mi S. and 4.0 mi W. of; 2.0 mi S. and 1.0 mi E. of Asbury, in S $\frac{1}{2}$ sec. 28, T. 89 N., R. 2 W., 532 ft SE. along rd. from U.S. Hwy. 20 at rd. fork; 27 ft S. of center of old Hwy. 20, 5 ft S. of right-of-way fence, 3 ft E. of jog in fence; in concrete post; standard tablet stamped "TT 26 T 1953" 869.395
- 9.9 Reference mark, 290 ft E. on S. side of old Hwy. 20, on E. end of concrete spillway; chiseled square 869.17
- 10.4 UE 26 A, 11 ft S. and 12 ft E. and same elev. as center of State Hwy. 20 at farm drive N., on E. side of concrete spillway; chiseled square 869.69

MC CARTNEY QUAD. - 188

- 11.1 UE 26 B, 13 ft N. and 10 ft W. and 0.3 ft higher than center of bridge; on concrete curbing; chiseled square 788.94
- 11.8 UE 27 B, 13 ft S., 12 ft W. and 0.6 ft lower than center of gravel crossroads; on S. end of metal pipe culvert; painted square 900.88

LINE 5

Feet

NORTH ALONG EAST BORDER (J.H. Tyndale, 1961; CV 1332)

BALDWIN QUAD. - 139

- 5.9 Reference mark, 40 ft W. of tablet; 38 ft S., 21 ft E. and 0.7 ft higher than dim T-drive S. to field, 292 ft SE. of rd. fork along rd., N. side of power pole; flush with ground; RR. spike; 929.08
- 5.9 Zwingle, 4.0 mi S. and 3.4 mi W. of; 0.25 mi N. of S $\frac{1}{4}$ cor. sec. 20, T. 86 N., R. 2 E., 188 ft S. and 275 ft E. of T-rd. S. (332 ft SE. along rd.; 30 ft SW. at rt. angle to rd.) 43 ft S. of rd., 2 ft N. of S. right-of-way fence; in concrete post; standard tablet stamped "ET 1 GT 1960 928" 928.161

PEOSTA NO 2 QUAD. - 164

- 6.5 UE, 30 ft N., 56 ft W. and 0.3 ft lower than T-rd. N.; 30 ft N. and 17 ft W. of drive N. to house; in NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 20, T. 86 N., R. 2 E., 1.5 ft corrugated steel drive culvert; punched hole 874.47
- 6.9 UE, 10 ft E. of S. end of steel truss (wood deck) bridge, over creek; in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 86 N., R. 2 E., end of SE. truss; NE. 1-in. rivet in anchor plate; crossmark; 751.34
- 7.7 UE, top of steep hill; 88 ft NE. along rd. from T-fence SE. at corral SE. of rd., 20 ft SE. and 2.6 ft higher than center of rd. at fence SE.; near center of NW $\frac{1}{4}$ sec. 17, T. 86 N., R. 2 E., 14-in. triple elm; NE root; 0.2 ft above ground; copper nail and washer 958.05

EAST DUBUQUE QUAD. - 163

- 8.2 Reference mark, 155 ft SSE. of tablet; 30 ft S., 15 ft E. and 3.8 ft lower than T-rd E.; 2 ft corrugated steel culvert; punch hole 997.64
- 8.2 La Motte, 2.0 mi S. and 6.75 mi W. of; 130 ft N., 32 ft W. and 1.1 ft lower than T-rd. E.; near E. sixteenth cor. secs. 8 and 17, T. 86 N., R. 2 E., 35 ft N. of dim T-field rd. W.; 1 ft W. of W. right-of-way fence; in concrete post; extending 0.5 ft above ground; standard tablet stamped "39 T 1961 1000" 1000.298
- 8.8 UE, 20 ft N., 23 ft E. and 1.7 ft lower than T-drive E. to house and barns; in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 8, T. 86 N., R. 2 E., 2 ft corrugated steel drive culvert; punch hole 1004.68
- 9.4 UE, 27 ft S., 80 ft E. and 4.8 ft lower than T-rd. S. (in sharp apex of fork) about 1000 ft E. of quarter cor. sec. 5 and 8, T. 86 N. R. 2 E., 2 ft corrugated steel culvert; punch hole 968.66
- 9.9 UE, 19 ft S., 21 ft W. and 0.7 ft lower than T-drive W., center of S $\frac{1}{2}$ sec. 5, T. 86 N., R. 2 E., 2 ft corrugated steel culvert; punch hole 995.31
- 10.7 UE, 20 ft E. of center of 1.5 ft corrugated steel culvert; and 1.2 ft lower; near E. sixteenth cor. sec. 5 and 32, Tps. 86 and 87 N., R. 2 E.; punch hole 1039.32
- 11.1 UE, T-rd. S.; near center SE $\frac{1}{4}$ sec. 32, T. 87 N., R. 2 E.; centerline 1063.7
- 11.4 Reference mark, 220 ft W. of tablet; 50 ft N., 4 ft E. and 2.2 ft higher than center of rd. at concrete walk N. to church; SE. corner first step; crossmark inside chiseled square 1062.32
- 11.4 La Motte, 0.25 mi N. and 6.25 mi W. of; in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 33, T. 87 N., R. 2 E., 208 ft E. of cor. stone at SE. corner church; 30 ft S. of SE. corner of Cyclone fence at SE. corner of cemetery; 50 ft N. of center of rd. at fence N. and 2.2 ft lower; 1 ft E. of E. church boundary fence; in concrete post; extending 0.8 ft above ground; standard tablet stamped "40 T 1961 1058" 1057.470
- 11.9 UE, 14 ft W. of center of rd. at W. headwall 4 x 6 ft concrete box culvert; NE. corner sediment catch basin; center of W. retaining wall; F.L. 9.3 ft lower; near center S $\frac{1}{2}$ sec. 33, T. 87 N., R. 2 E., chiseled square; 958.88

PEOSTA NO 2 QUADRANGLE
164 = IOWA

<u>LINE 5 (Cont'd)</u>	<u>EAST DUBUQUE QUAD. - 163</u>	<u>Feet</u>
12.4 UE, 18 ft E. of center of 3 ft corrugated steel culvert; and 1.2 ft lower; near center of N $\frac{1}{2}$ sec. 33, T. 87 N., R. 2 E., crossmark;		1020.04
12.9 UE, 18 ft W. of center of 2 ft corrugated steel culvert; and 2.1 ft lower; near center of S $\frac{1}{2}$ sec. 28, T. 87 N., R. 2 E.,; punched hole		1061.74
13.5 UE, 22 ft E. of center of 4 x 5 ft concrete box culvert; and 2.9 ft lower; F.L. 6.1 ft lower; near center of N $\frac{1}{2}$ sec. 28, T. 87 N., R. 2 E.; chiseled square		985.83
14.0 UE, 14 ft W. of center of 6 x 9 ft concrete box culvert; and 1.2 ft lower; F.L. 7.5 ft lower near center of S $\frac{1}{2}$ sec. 21, T. 87 N., R. 2 E.; chiseled square		940.11
14.5 Reference mark; 240 ft S. of tablet; 22 ft N., 70 ft W. and 1.4 ft lower than crossroad; 6 x 8 ft concrete box culvert; F.L. 8.3 ft lower; center of N. headwall; chiseled square; painted "RM"		894.16
14.5 La Motte, 2.75 mi N. and 6.25 mi W. of; 251 ft N., 30 ft W. and lower than crossroads, near center of NW $\frac{1}{4}$ sec. 21, T. 87 N., R. 2 E., 255 ft N. of center of 6 x 8 ft concrete box culvert; 225 ft S. of center of wood deck bridge; 1 ft W. of W. right-of-way fence; in concrete post; standard tablet stamped "41 T 1961 886"		886.155

LINE 6

SOUTH THENCE EAST FROM NEAR CENTER OF NORTH BORDER (G.D. Scroggins, 1964; CV 1754)

PEOSTA NO 2 QUAD. - 164

1 2 0.0 Graf at; 130 ft SE. of Chicago Great Western RR. station, 29 poles SW. of milepost 187, at a water tower, and in top of N. corner of concrete foundation of NW. leg. a US&GS standard disk stamped "V 72 1934"		766.134
0.7 UE V 72 A, about 0.6 mi SW. along C. & G.W. RR. from Graf; at first Co. rd. crossing the track; on top of center or N. rail of Main track; painted "UE V 72 A"		773.0
4 1.7 UE V 72 B, 0.6 mi SW. of tablet; thence 0.2 mi E., 0.9 mi S. along Co. rd.; 74 ft E. of rd.; at lone elm tree; on top of root on S. side of tree; a RR. spike flush with tree; painted "UE V 72 B"		1001.22
6 2.7 Centralia, about 0.5 mi S. and 1.2 mi W. of; 1.0 mi N. and 0.5 mi W. of Peosta; T. 88 N., R. 1 E., near quarter cor. between secs. 4 and 5; 27 ft N., 83 ft E. and 0.9 ft higher than T-rd. N.; in center of N. headwall of small concrete culvert; a standard tablet stamped "3 GDS 1964" painted "BM 3 GDS"		1107.880
2.7 Reference mark, 30 ft S. and 8 ft W. of T-rd. N.; 110 ft SW. of tablet; at base of power pole; on E. side of; RR. spike flush with ground; painted "RM"		1104.38
7 3.8 UE 3 GDS A, 1.2 mi SW. along State Rt. 416 from tablet; 99 ft S., 133 ft E. and 3.9 ft higher than T-rd. S.; at abandoned brick church; on NW. corner of concrete step at church; a chiseled square; painted "UE 3 A"		1107.28
9 4.7 UE 3 GDS B, 1.2 mi SW. along State Rt. 416 from tablet; thence 1.0 mi S. along Co. rd., 41.3 ft N., 41.7 ft E. and 2.6 ft lower than crossroads; (U.S. 20) on top of N. end of a 24-in. concrete tube culvert; a chiseled square; painted "UE 3 B"		1009.25
5.6 Peosta, about 1.2 mi S. and 1.5 mi W. of; 1.0 mi S. and 2.7 mi E. of Epworth T. 88 N., R. 1 E., near S. sixteenth cor. between secs. 17 and 18; 9.5 ft E. of center of rd., at NE. end of concrete box culvert; 9.8 ft above drain; 0.1 ft higher than center of rd. opposite; on N. end of E. headwall of concrete box culvert; a standard tablet stamped "4 GDS 1964" painted "BM 4 GDS"		973.033
5.6 Reference mark, 300 ft S. of tablet; 30.8 ft E. of center of rd., at base of first power pole S. of tablet; and on W. side of power pole; a RR. spike; painted "RM"		977.59

<u>LINE 6 (Cont'd)</u>	<u>PEOSTA NO 2 QUAD. - 164</u>	<u>Feet</u>
1 10 6.3 UE 4 GDS A, 0.8 mi S. along gravel rd. from tablet; 40 ft S., 22 ft W. and 1.4 ft lower than crossroad; on top of S. end of a 30-in. corrugated metal culvert; a punched hole; painted "UE 4 A"		1039.4
11 7.1 UE 4 GDS B, about 1.5 mi S. along gravel rd. from tablet; 20.5 ft N., 16.5 ft E. and 1.5 ft lower than rd. at private drive E.; on top of N. end of 18-in. corrugated metal culvert; punched hole; painted "UE 4 B"		1044.3
13 8.4 Reference mark, 25 ft N., 104 ft W. of T-rd. N.; 200 ft W. of tablet; at field entrance; on E. end of 24-in. corrugated metal culvert; a punched hole; painted "RM"		913.38
14 8.4 Peosta, about 4.0 mi S. and 1.5 mi W. of; 3.8 mi S. and 2.7 mi E. of Epworth; T. 88 N., R. 1 E., near quarter cor. between sec. 31 and 32; 11 ft S., 100 ft E. and 2.1 ft lower than T-rd. N.; at SE. cor. of bridge; 11.3 ft above drain; on SE. wingwall of bridge; a standard tablet stamped "5 GDS 1964"		911.341
15 8.9 UE 5 GDS A, 0.6 mi E. along gravel rd. from tablet; 15 ft S. of center of rd. about 730 ft E. of private rd. N.; on top of S. end of a 30-in. corrugated metal culvert a punched hole; painted UE 5 A		978.5
16 9.7 UE 5 GDS B, 1.5 mi E. along gravel rd., from tablet; 45 ft S., 35 ft W. and 0.4 ft higher than T-rd. W.; at base of power pole; at W. side of; a RR. spike;		1084.89
17 10.2 UE 5 GDS C, 1.5 mi E. and 0.5 mi N. along gravel rd. from tablet; 10 ft S., 33 ft W. and 0.5 ft lower than T-rd. E. to Monastery; at base of power pole; on E. side; a RR. spike; painted "UE 5 C"		1078.42
18 11.5 Reference mark, 41 ft S. of center of rd., 28 ft W. of field entrance; 100 ft W. of tablet; at base of power pole; on N. side of RR. spike; painted "RM"		1021.15
11.5 Peosta, 3.5 mi S., 1.3 mi E. of; 6.0 mi N., 0.3 mi E. of Bernard; near cor. secs. 26, 27, 34 and 35; 17 ft N. of center of rd., 75 ft E. of field entrance at NW. end of concrete box culvert; 8 ft above drain; 0.7 ft lower than rd. opposite; on W. end of N. headwall of concrete box culvert; a standard tablet stamped "6 GDS 1964" painted "RM 6 GDS"		1020.465
20 12.5 UE 6 GDS A, near center of sec. 35, T. 88 N., R. 1 E., at NE. end of bridge; 9 ft E. of rd., 180 ft N. of rd. leading to Monastery; 11.3 ft above drain; 0.1 ft higher than center of hwy. opposite; on N. end of E. headwall of bridge; a chiseled square		982.37
21 13.4 UE 6 GDS B, in SW $\frac{1}{4}$ sec. 36; T. 88 N., R. 1 E., 27 ft S. and 8 ft E. and 3.4 ft lower than T-rd. N.; at woods trail leading SE.; on W. end of 24-in. corrugated metal culvert; a punched hole		979.9
23 14.3 Reference mark, 34 ft N., 22 ft E. of driveway N. to house; 140 ft W. of tablet; on N. side of power line pole; head of rail spike		1081.43
14.3 Bernard, 5.0 mi N. and 2.5 mi E. of; 4.5 mi S. and 3.5 mi E. of Peosta; T. 87 and 88 N., R. 2 E., near W. sixteenth cor. between secs. 6 and 31; 33 ft N. and 25 ft E. and 0.7 ft higher than crossroad (U.S. 151) on N. end of concrete headwall enclosing a 24-in. corrugated metal culvert; set in N. end of headwall; a standard tablet stamped "7 GDS 1964"		1079.137
24 15.2 UE 7 GDS A, about 1.0 mi NE. along U.S. 151 from tablet; in NE $\frac{1}{4}$ sec. 31, T. 88 N., R. 2 E., about 105 ft SW. from SW. corner of large rusty top barn; 70 ft S. of field entrance W.; on top of concrete curb of hwy. drain; a chiseled square painted "UE 7 A"		1097.09
25 16.4 UE 7 GDS B, in NE $\frac{1}{4}$ sec. 29, T. 88 N., R. 2 E., 13 ft E. of Hwy. 151; 0.3 ft higher than center of hwy. opposite; 70 ft NNE. of fence line E.; 70 ft NE. of L. Nolans mail box; on top of concrete curb of hwy. drain; a chiseled square		1113.93

LINE 6 (Cont'd)EAST DUBUQUE QUAD. - 163Feet

- 1 26 17.5 Dubuque, 6.0 mi S. and 4.0 mi W. of; 3.0 mi S. and 2.5 mi W. of Rockdale, 172 ft NE. (along U.S. Hwy. 151) from rd. fork S., 33 ft NW. of center of Hwy. 151, near quarter cor. secs. 21 and 28, T. 88 N., R. 2 E., 3 ft N. of N. right-of-way fence; in concrete post; standard tablet stamped "TT 22 T 1953" 1110.994

LINE 7

SOUTH THENCE EAST FROM CENTER OF QUAD. (G.D. Scroggins, 1964; CV 1754)

PEOSTA NO 2 QUAD. - 164

- 1 27 0.0 "UE 5 GDS B" (described in Line 6) 1084.89
 1 27 0.7 UE 5 GDS D, near SW. cor. sec. 33, T. 88 N., R. 1 E., 37 ft N. and 50 ft W. and about 2.9 ft higher of W. of Y. of T-rd. S.; in E. side of powerline pole; head of rail spike 1054.57
- 28 1.1 Reference mark; 65 ft NNE. of tablet; 30 ft N. and 23 ft E. of T-rd. E.; on N. end of corrugated 24-in. metal culvert; punched hole 1049.78
- 29 1.1 Peosta, 4.7 mi S. and 0.5 mi W. of; 4.7 mi N. and 1.5 mi W. of Bernard; T. 87 N., R. 1 E., near N. sixteenth cor. between secs. 4 and 5, 34 ft S. and 51 ft E. and 1.0 ft higher than T-rd. E.; 1 ft S. of powerline pole; 1.5 ft N. of fence line; in concrete post; standard tablet stamped "8 GDS 1964" 1050.725
- 30 1.7 UE 8 GDS A, in SE $\frac{1}{4}$ sec. 5, T. 87 N., R. 1 E., 180 ft SW. of T-rd. W.; 21 ft W. of rd. and 6.1 ft lower than T-rd. W.; S. end of W. headwall of a concrete box culvert; chiseled square 967.99
- 31 2.0 UE 8 GDS AA, in SE $\frac{1}{4}$ sec. 5, T. 87 N., R. 1 E., 33 ft S., 35 ft W. and 2.8 ft higher than T-rd. E.; in E. side of powerline pole; head of rail spike 1029.45
- 32 2.6 UE 8 GDS B, in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 8, T. 87 N., R. 1 E., 55 ft N. and 32 ft W. and 0.9 ft lower than T-rd. W.; in E. side of powerline pole; head of rail spike 1047.74
- 33 3.2 UE 8 GDS BB, in SE $\frac{1}{4}$ sec. 7, T. 87 N., R. 1 E., 25 ft W., 1 ft lower than rd. at SE. corner of yard in E. side of powerline pole; head of rail spike 1042.05
- 34 3.8 UE 8 GDS C, near quarter cor. secs. 17 and 18, T. 87 N., R. 1 E., 17 ft S. and 27 ft W. and 1.1 ft higher than T-rd. W.; on S. end of 24-in. corrugated metal culvert; punched hole 1019.8
- 35 4.4 Cascade, 2.7 mi N. and 6.7 mi E. of; 2.2 mi N. and 2.3 mi W. of Bernard; T. 87 N., R. 1 E., near center of SW $\frac{1}{4}$ sec. 17, 22 ft S. and 35 ft W. and 43.2 ft higher than T-drive W. to farm house; 3 ft S. of powerline pole; 1 ft E. of fence; in concrete post; standard tablet stamped "9 GDS 1964" 1029.539
- 4.4 Reference mark, 130 ft SSE. of tablet; 28 ft E. of rd., 35 ft S. of fenceline E.; at base of telephone pole; in E. side; rail spike 1027.32
- 36 4.7 UE 9 GDS A, in NW $\frac{1}{4}$ sec. 20, T. 87 N., R. 1 E., 110 ft NE. normal to Hwy. 151 and 3.5 ft higher than T-rd. N.; 0.5 ft above sidewalk; in center of bottom step leading to Sacred Heart Church; a chiseled square 1030.06
- 38 5.2 UE 9 GDS AA, in SE $\frac{1}{4}$ sec. 19, T. 87 N., R. 1 E., 132 ft NE. normal to Hwy. 151; 32 ft N. and 7.2 ft lower than private rd. S. to farmhouse, 10 ft above drain; at E. end of N. headwall of concrete box culvert; a chiseled square 956.54
- 39 5.7 UE 9 GDS B, in SW $\frac{1}{4}$ sec. 19, T. 87 N., R. 1 E., 24 ft N. and 87 ft W. and 5.7 ft lower than T-rd. S.; on N. side of rd. ditch; on concrete curb of hwy. drain; a chiseled square 943.07
- 40 6.3 UE 9 GDS C, near center of sec. 30, T. 87 N., R. 1 E., 30 ft S. and 24 ft W. and 2.9 ft lower than T-rd. W.; on S. end of an 18-in. corrugated metal culvert; a punched hole; painted "UE 8 C" 884.2

<u>LINE 7 (Cont'd)</u>	<u>PEOSTA NO 2 QUAD. - 164</u>	<u>Feet</u>
1 41 6.8 Bernard, 0.05 mi N. and 3.0 mi W. of; 0.5 mi N. and 6.0 mi E. of Cascade; T. 87 N., R. 1 E., near quarter cor. secs. 30 and 31; 215 ft N. and 10 ft W. and 2.0 ft lower than T-rd. E.; 8 ft above drain at NW. end of bridge; on N. end of W. concrete railing; a standard tablet stamped "10 GDS 1964" painted "EM 10 GDS"		858.001
42 7.7 Reference mark, 250 ft SSE. of tablet; 21 ft N. and 102 ft E. of T-rd. E.; on NW. end of NW. wingwall of concrete box culvert; a chiseled square; painted "RM"		856.57
43 8.3 UE 10 GDS A, about 321 ft S. of quarter cor. secs. 6 and 31; 21 ft W. of rd., 3.2 ft lower than center of rd. opposite; on W. end of 24-in. corrugated metal culvert; punched hole; painted "UE 10 A"		975.8
44 8.8 UE 10 GDS B, near quarter cor. secs. 6 and 7; 130 ft S. and 27 ft E. and 2.1 ft lower than N. fork of rd. forks; at base of powerline pole; in N. side; a RR. spike; painted "UE 10 B"		875.75
45 9.7 UE 10 GDS C, in SW $\frac{1}{4}$ sec. 5, T. 86 N., R. 1 E., 19 ft N. and 0.1 ft lower than center of rd. opposite; at NW. end of wooden wingwall of wooden bridge; on top of wood support; head of rail spike; painted "UE 10 C"		864.46
46 10.3 Reference mark, 70 ft W. of tablet; 45 ft N. and 10 ft E. of private drive leading NE.; on E. end of 18-in. corrugated metal culvert; a punched hole; painted "RM"		872.27
10.3 Bernard, 1.8 mi S. and 1.8 mi W. of; 0.1 mi S. and 1.8 mi W. of Garry Owen; T. 86 N., R. 1 E., in SW. SE $\frac{1}{4}$ sec. 5, 17 ft N., 165 ft W. (normal to rd.) and 1.4 ft higher than T-rd. S.; at NE. end of large concrete box culvert; 14 ft above drain; in E. end of N. concrete headwall; a standard tablet stamped "11 GDS 1964"		880.627
48 11.1 UE 11 GDS A, in SE $\frac{1}{4}$ sec. 4, T. 86 N., R. 1 E., 32 ft N., 168 ft E. and 1.0 ft higher than T-rd. N.; at St. Patricks School; 5 ft N. of W. brick gate post; on SE. corner of concrete slab supporting a yard light, a chiseled square; painted UE 11 A"		1012.82
11.8 UE 11 GDS B, in SW $\frac{1}{4}$ sec. 3, T. 86 N., R. 1 E., 40 ft S. and 120 ft W. and 3.6 ft lower than T-rd. W.; at base of telephone pole; in N. side of rail spike painted "UE 11 B"		1042.31
49 12.2 UE 11 GDS BB, in NW $\frac{1}{4}$ sec. 10, T. 86 N., R. 1 E., 32 ft S. and 72 ft E. and 0.7 ft lower than T-rd. E.; on S. end of 26-in. corrugated metal culvert; a punched hole; painted "UE 11 BB"		1021.9
50 13.1 UE 11 GDS C, in NW $\frac{1}{4}$ sec. 11, T. 86 N., R. 1 E., 26 ft S., 10 ft W. and 0.9 ft lower than private rd. S.; on W. end of 12-in. corrugated metal culvert; a punched hole; painted "UE 11 C"		998.1
51 13.7 Reference mark, 310 ft NNW. of tablet; 24 ft N., 79 ft E. and 0.2 ft higher than T-rd. E.; in top of oak tree stump; head of rail spike; painted "RM"		860.46
13.7 Bernard, 2.8 mi S. and 1.1 mi E. of; T. 86 N., R. 1 E., near center of sec. 11; 304 ft SE. (normal to rd.) from T-rd. E.; at SE. end of large concrete box culvert; a standard tablet stamped "12 GDS 1964" painted "EM 12 GDS" (12 ft above drain; 0.2 ft lower than rd. opposite, SW. end of concrete box culvert;)		852.059
52 14.2 UE 12 GDS A, near quarter cor. secs. 11 and 14; 26 ft N. and 25 ft E. and 3.1 ft lower than T-rd. E.; on N. end of a 26-in. culvert; a punched hole; painted UE 12 A		987.1
53 14.7 UE 12 GDS AA, near quarter cor. secs. 13 and 14; 16 ft S., 30 ft W. of field rd. S.; 1.4 ft lower than center of rd. at N.-S. fence line; on W. end of 18-in. corrugated metal culvert; a punched hole; painted UE 12 AA"		985.0
54 15.8 UE 12 GDS B, in SW $\frac{1}{4}$ sec. 18, T. 86 N., R. 1 E., 28 ft S. and 3.0 ft lower than private drive N.; 35 ft N. of fence corner; at field trail S.; on W. end of 12-in. corrugated metal culvert; a punched hole; painted UE 12 B"		905.2

10
PEOSTA NO 2 QUADRANGLE
164 - IOWA

LINE 7 (Cont'd)

PEOSTA NO 2 QUAD. - 164

Feet

1 55 16.7 UE 12 GDS C, in NE $\frac{1}{4}$ sec. 19, T. 86 N., R. 2 E., 61 ft N., 21 ft E. and 6.9 ft lower than T-rd. S.; at white wooden frame school bldg., in SW. corner of concrete step; a chiseled square; painted "UE 12 C" 904.58

BLADWIN QUAD. - 139

57 17.8 Zwingle, 4.0 mi S. and 3.4 mi W. of; 0.25 mi N. of S. $\frac{1}{4}$ cor. sec. 20, T. 86 N., R. 2 E., 188 ft S. and 275 ft E. of T-rd. S. (332 ft SE. along rd., 30 ft SW. at rt. angle to rd.,) 43 ft S. of rd.; 2 ft N. of S. right-of-way fence; in concrete post; standard tablet stamped "ET 1 GT 1960 928" 928.161

LINE 8

EAST FROM CENTER OF WEST BORDER (G.D. Scroggins, 1964; CV 1754)

FARLEY NO 1 QUAD. - 165

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 N $\frac{1}{2}$ 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. secs. 16 and 17, T. 87 N., R. 1 W., 9 ft S., 3.0 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

32 3.1 Reference mark, 230 ft SSW. of tablet; 27 ft N., 49 ft E. and 2.5 ft lower than crossroad; on N. end of 24-in. corrugated metal culvert; punched hole; 908.21

3.1 Cascade, about 4.0 mi N., 3.4 mi E. of; T. 87 N., R. 1 W., near quarter cor. secs. 10 and 15; 258 ft NE. (normal to rd.) 37 ft E. of crossroads; 2.0 ft E. of powerline pole; in a concrete post; standard tablet stamped "34 GDS 1964" 916.096

33 3.9 UE 34 GDS A, near quarter cor. sec. 10 and 11; T. 87 N., R. 1 W., 150 ft NE. (normal to rd.) 13 ft N. and 4.5 ft lower than T-rd. N.; 8.3 ft above drain; on NW. end of concrete culvert; at W. end of N. headwall of concrete culvert; a chiseled square 850.35

34 4.4 UE 34 GDS B, near center of N $\frac{1}{2}$ sec. 11, T. 87 N., R. 1 W., 13 ft N. and 1.2 ft lower than center of rd., near crest of hill; on N. end of 18-in. corrugated metal culvert; punched hole; painted "UE 34 B" 954.8

35 5.1 UE 34 GDS C, near S. sixteenth cor. secs. 1 and 2; T. 87 N., R. 1 W., 36 ft N. 20 ft E. and 0.9 ft lower than T-rd. E.; on NE. end of 24-in. (damaged) corrugated metal culvert; punched hole; painted "UE 34 C" 872.4

36 5.7 Cascade, about 5.5 mi N., 5.5 mi E. of; T. 87 N., R. 1 W., near center of sec. 1, 28 ft S., 18 ft E. and 1.5 ft lower than T-private rd. S.; 3.0 ft S. of right-of-way fence corner; about 50 ft S. of 2 mail boxes; in NW. corner of field; in a concrete post; standard tablet stamped "35 GDS 1964" painted "EM" 878.834

<u>LINE 8 (Cont'd)</u>	<u>PEOSTA NO 2 QUAD. - 164</u>	<u>Feet</u>
2 37 5.7 Reference mark, 450 ft E. of tablet; 10 ft S. of W. end of wooden deck bridge over White Water Creek; 1.5 ft lower than bridge at W. end, 12.2 ft above water; 1 ft S. of W. end of S. steel girder, on top of 12 x 12 wooden support; flush with board, head of rail spike; painted "RM"		879.08
38 6.7 UE 35 GDS A, near center of sec. 6, T. 87 N., R. 1 E., 20 ft S., 19 ft E. and 0.2 ft higher than T-rd. S.; on NE. end of 24-in. corrugated metal culvert; a punched hole; painted "UE 35 A"		933.8
39 7.6 UE 35 GDS B, in SE $\frac{1}{4}$ sec. 6, T. 87 N., R. 1 E., 9 ft S. and 1.4 ft lower than center of wooden bridge at E. end; at SE. end of bridge; on top of 6 x 6 wooden support and flush with wood, head of rail spike painted "UE 35 B"		932.83
40 8.2 "UE 8 GDS A" (described in Line 7)		967.99

LINE 9

<u>EAST IN SOUTHWEST PORTION (G.D. Scroggins, 1964; CV 1754)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	
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; on N. side of; head of rail spike; painted "UE 26 C"		942.36
	<u>PEOSTA NO 2 QUAD. - 164</u>	
44 2.4 UE 25 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 Reference mark, 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 nailand 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 cattle pass; a standard tablet stamped "36 GDS 1964"		935.552
46 3.6 UE 36 GDS A, near quarter cor. secs. 16 and 17, T. 86 N., R. 1 W., 121 ft S. (normal to hwy. 136) 30 ft E. and 0.1 ft lower than rd. forks; about 560 ft W. of abandoned school bldg., on S. end of 18-in. corrugated metal culvert; punched hole; painted "UE 36 A"		915.8
48 4.4 UE 36 GDS B, near quarter cor. secs. 9 and 16, T. 86 N., R. 1 W., 20 ft N., 28 ft E. and 2.0 ft lower than T-drive E. to farmhouse; on NE. end of 18-in. corrugated metal culvert; punched hole; painted "UE 36 B"		829.5
49 5.1 UE 36 GDS C, in SE $\frac{1}{4}$ sec. 9, T. 86 N., R. 1 W., 24 ft S., 9 ft E. and 1.7 ft lower than rd. at field entrance S.; about 65 ft E. of implement shed; on E. end of 12-in. corrugated metal culvert; punched hole; painted "UE 36 C"		912.8
50 5.6 Cascade, about 1.5 mi S. and 3.1 mi E. of; T. 86 N., R. 1 W., 36 ft S. and 2.9 ft higher than center of rd. at last farmhouse at dead end Co. rd.; on NE. corner of 2 x 3 ft concrete foundation of an electric water pump, (previously used as windmill) a standard tablet stamped "37 GDS 1964"		865.548
5.6 Referencemark, 80 ft E. of tablet; 25 ft S. of rd. at NE. corner of red painted barn; on top of NE. corner of 3 x 5 ft concrete foundation; a chiseled square; painted "RM"		863.03
52 6.5 UE 37 GDS A, near quarter cor. secs. 10 and 11; T. 86 N., R. 1 W., 52 ft S. and 25 ft E. and 7 ft higher than bend in rd. with laterals projecting N. and W.; near crest of hill; at base of telephone pole and on W. side of; head of rail spike; painted "UE 37 A"		913.12

<u>LINE 9 (Cont'd)</u>	<u>PEOSTA NO 2 QUAD. - 164</u>	<u>Feet</u>
2 53 6.6 UE 37 GDS B, near N. sixteenth cor. of secs. 10 and 11; T. 86 N., R. 1 W., 24 ft SW., 20 ft SE. and 0.3 ft higher than center of rd. at private rd. S. and W. to farmhouse; 3.0 ft E. of stop sign; on SE. end of 24-in. corrugated metal culvert; punched hole; painted "UE 37 B"		829.5
55 7.7 Reference mark, 80 ft W. of tablet; 30 ft S., 60 ft E. of rd. fork; at an abandoned school bldg., on NE. corner of concrete step at front entrance of school bldg., chiseled square; painted "RM"		820.47
7.7 Fillmore, about 3.2 mi S. and 0.1 mi W. of; T. 86 N., R. 1 W., near quarter cor. secs. 11 and 12; 35 ft S., 148 ft E. and 0.3 ft lower than center of rd. at rd. fork; at an abandoned school bldg. and in NE. corner of yard; 30 ft S. of telephone pole; in concrete post; projecting about 0.1 ft above ground; a standard tablet stamped "38 GDS 1964" painted "BM"		820.958
56 8.2 UE 38 GDS A, near center of sec. 12, T. 86 N., R. 1 W., 27 ft N., 15 ft E. and 1.6 ft lower than T-rd. S.; on E. end of 24-in. corrugated metal culvert; punched hole; painted "UE 38 A"		836.1
57 9.1 UE 38 B, near center of sec. 7, T. 86 N., R. 1 E., 33 ft S., 35 ft E. and 0.8 ft higher than crossroads; at base of powerline pole and on N. side of; head of rail spike; painted "UE 38 B"		881.90
58 9.6 "10 GDS B" (described in Line 7)		875.75

SECOND ORDER LEVELING

LINE 10

<u>NORTH ALONG WEST BORDER (G.D. Scroggins, 1964; CV 1754)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	
3 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
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 "BM"		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. 87 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

<u>LINE 10 (Cont'd)</u>	<u>FARLEY NO 1 QUAD. - 165</u>	<u>Feet</u>
3 37 15.0 Cascade, about 8.8 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 "BM"		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 powerline 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. 24 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
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 a power line pole; 2.5 ft W. of E. right-of-way fence; in concrete post; standard tablet stamped "32 GDS 1964" and painted "BM"		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; standard 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

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PEOSTA NO 2 QUADRANGLE
164 - IOWA

LINE 10 (Cont'd)

FARLEY NO 1 QUAD. - 165

Feet

- 3 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 Illinois Central 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. station, 45 ft E. of milepost 196, at an overhead hwy. crossing, 50 ft S. of the center of track; at a 5 x 5 ft. concrete box culvert; and in center of top of W. headwall; a USC&GS standard disk stamped "A 73 RESET 1935" 1061.650
- NOTE: B.M. established and elev. determined by Engrs. of Iowa State Hwy. Commission in June 1936

PEOSTA NO 2 QUADRANGLE - 164

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