

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

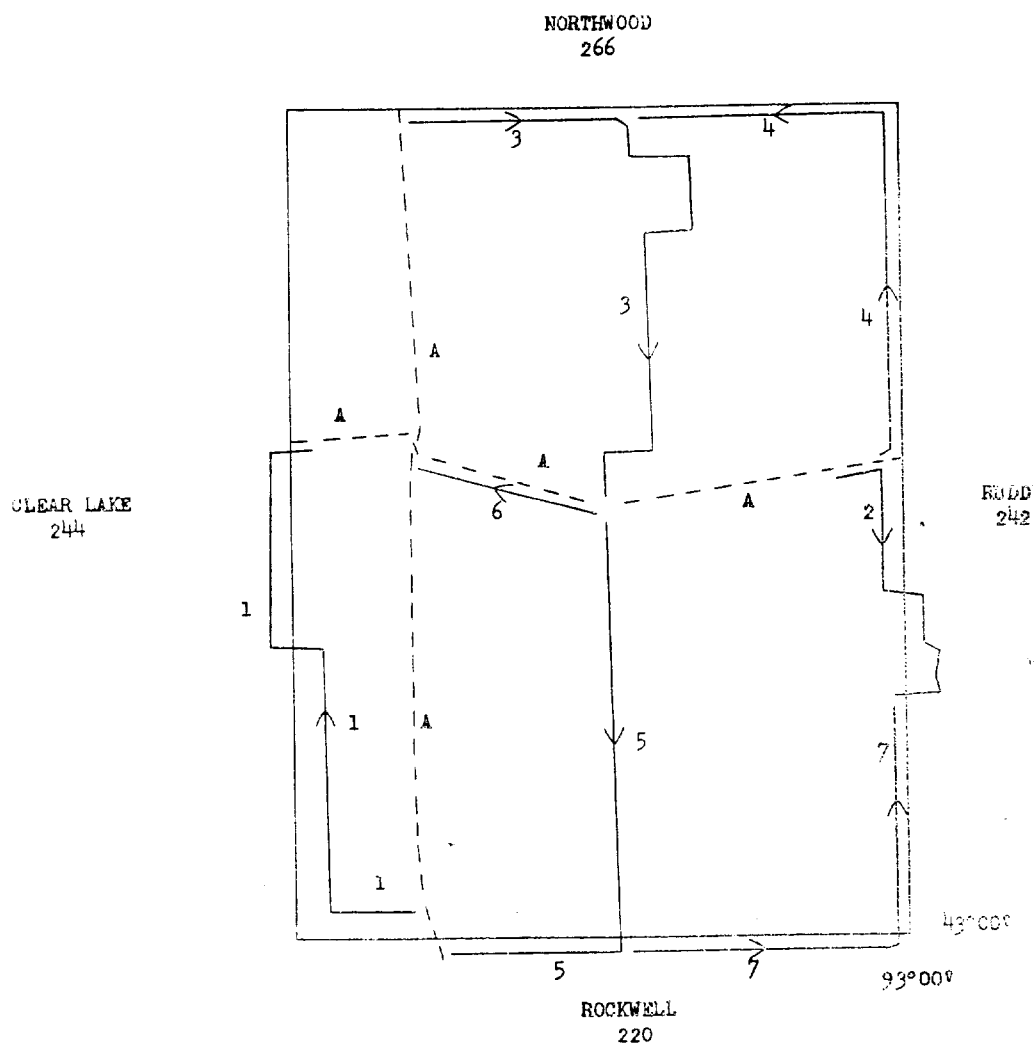
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MASON CITY QUADRANGLE
243 - Iowa
R4300-W9300/15
Diagram MK 15-2
Mason City, Iowa, Minnesota

Cerro Gordo, Floyd and Mitchell Counties

Edition of 12/30/57
Retyped 8/30/67

PR: WM/PH/mp



USC&GS LEVELING

A. Quadrangle No. 430932, based on supplementary adjustment of 1937.

243 B

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FROM A POINT NEAR ROCKWELL, NORTH ALONG SOUTH PORTION OF WEST BORDER (by J. A. Leary, 1957;
Hook CV 840)

ROCKWELL QUAD., 220

- 0.4 Iowa Geodetic Survey BM "17-251"; Rockwell, 0.4 mi. N. along County Hwy. "40" from N. city limits; To 95 N., R. 20 W.; 630 ft S., 36 ft E. and 0.1 ft lower than center of County Hwy. "40" at fence line W., at approx. center of sec. 34; about midway between two steel truss bridges; 444 ft N. and 36 ft E. of center of County Hwy. "40"; at private driveway W. to Earl F. Meyer farm; 9 ft S. and 4 ft E. of power pole; 2 ft N. of 4 by 4 square concrete highway right-of-way marker post and 1 ft W. of fence line, in concrete post; a standard Iowa Geodetic Survey BM stamped "17-251"

MASON CITY IOWA 240

8. Marker City, 1000 m. S. and 1.25 mi. W. of, 1.4 mi. W. of U. S. Rwy. off, 250 meters E. of center of T-Drive N. and Marley station (now gone, grain elevator in place); on N. side NE $\frac{1}{4}$ sec. 32, T. 95 N., R. 20 W.; 46 ft S. of center of rd., 3.5 ft S. of S. right-of-way fence, 161 ft W. of T-drive N. to house. Reference to "Marley Station" in "The History of the Town of Marley, Utah" by George H. Brown, published 1926; 7 p. 1. "S. 46 ft from house, which was home of Marley family." See also record. Station mark is 1 x 1 inch glassy blue marble peg; McCOSH standard disk stamped "Marley, 1926".
- 1977-304

<u>Line 1 Cont'd.</u>	<u>MASON CITY QUAD., 245</u>	<u>Feet</u>
3.0 UE Centerline 1176.5; 0.15 mi W. along section line rd. from USC&GS Triangulation Station "Hurley 1926"; T. 95 N., R. 20 W.; at approx. quarter cor. between secs. 29 and 32; center of E.-W. section line rd. at crossing of C.R.I.&P. RR. tracks; a copper nail and washer, painted "UE Centerline 1176.5"		1176.5
3.5 UE 1154.0; 0.65 mi W. along section line rd. from USC&GS Triangulation Station "Hurley 1926"; T. 95 N., R. 20 W.; 47 ft S., 21 ft W. and 4.3 ft lower than center of crossroads; at approximate cor. of secs. 29, 30, 31 and 32; in top of S. one of two corrugated steel pipe culverts; 8 in. E. of W. end of culvert; a painted square, painted "UE 1154.0"		1154.0
4.0 UE Centerline 1176.7; 0.65 mi W. and 0.5 mi N. along section line rds. from USC&GS Triangulation Station "Hurley 1926"; T. 95 N., R. 20 W.; at approx. quarter corner between secs. 29 and 30; center of rd. at fence line W.; painted "UE Centerline 1176.7"		1176.7
4.5 UE 1169.9; 0.65 mi W. and 1.0 mi N. along section line rds. from USC&GS Triangulation Station "Hurley 1926"; T. 95 N., R. 20 W.; 34 ft S., 40 ft E. and 2.5 ft lower than center of rd. at T-rd. E. and fence line W.; at approx. cor. of secs. 19, 20, 29 and 30; in concrete base of corner post of fences S. and E.; a chiseled square, painted "UE 1169.9"		1169.9
5.0 UE Centerline 1167.0; 0.65 mi W. and 1.5 mi N. along section line rds. from USC&GS Triangulation Station "Hurley 1926"; T. 95 N., R. 20 W.; at approx. quarter cor. between secs. 19 and 20; center of rd. at fence line E.; painted "UE Centerline 1167.0"		1167.0
5.5 BM TT 1 EV 1957; Mason City, 7.5 mi S. and 2.0 mi W. from intersection of U. S. Hwys. 18 and 65; near center of the city; 1.75 mi S. and 1.75 mi E. from Burchinal; T. 95 N., R. 20 W.; 220 ft S., 41 ft W. and 4.35 ft lower than center of crossroads at approx. cor. of secs. 17, 18, 19 and 20; 129 ft S. and 16 ft E. of SE. cor. of old schoolhouse foundation; 9 ft S. and 1 ft E. of corner post of fences S. and W. at SE. corner of schoolyard; in a concrete post; a standard tablet stamped "TT 1 EV 1957 1156"		1156.40
5.5 Reference mark; 161 ft N. of tablet; 63 ft S. and 62 ft W. of center of crossroads in top of foundation of site of old schoolhouse; 3 ft S. of NE. cor. of foundation; a chiseled square, painted "RM"		1157.83
6.0 UE Centerline 1161.3; 0.55 mi N. along section line rd. from "TT 1 EV 1957"; T. 95 N., R. 20 W.; at approximate quarter corner between secs. 17 and 18; center of rd. at fence lines E. and W.; painted "UE Centerline 1161.3"		1161.3
6.5 UE 1189.0; 1.1 mi N. along section line rd. from "TT 1 EV 1957"; T. 95 N., R. 20 W.; 30 ft N., 163 ft E. and 1.2 ft higher than center of crossroads at approximate cor. of secs. 7, 8, 17 and 18; in base of SW. side of 24-in. pine tree; a rail spike, painted "UE 1189.0"		1189.0
7.0 UE Centerline 1197.5; 1.6 mi N. along section line rd. from "TT 1 EV 1957"; T. 95 N., R. 20 W.; at approx. quarter cor. between secs. 7 and 8; center of rd. at fence line W.; painted "UE Centerline 1197.5"		1197.5
7.5 BM "TT 2 EV 1957"; Mason City, 5.5 mi S. and 2.0 mi W. from U. S. Hwy. 18 and 65; near center of city; 0.25 mi N. and 1.75 mi E. of Burchinal; T. 95 N., R. 20 W.; 247 ft N., 53 ft W. and 3.4 ft lower than center of County Hwy. "D" at center of crossroads; at approx. cor. of secs. 5, 6, 7 and 8; 89 ft N. and 30 ft E. of NE. cor. of District No. 3 Bath Township Schoolhouse; 1 ft S. and 1 ft W. of corner post of fences N. and W. and NE. cor. of schoolyard; in a concrete post, a standard tablet stamped "TT 2 EV 1957 1206"		1206.10
7.5 Reference mark; 201 ft S. of tablet; 47 ft N. and 30 ft W. of center of County Hwy. "D" at crossroads; in base of SW. side of 16-in. elm tree; a copper nail and washer, painted "RM"		1206.10

Mason City Quadrangle
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Line 1 Cont'd.

MASON CITY QUADRANGLE 243

Feet

- 8.3 UE Centerline 1200.9; 0.75 mi N. along section line rd. from "TT 2 EV 1957"; T. 95 N., R. 20 W.; at approx. quarter cor. between long secs. 5 and 6; center of rd. at fence lines E. and W.; painted "UE Centerline 1200.9" 1200.9
- 8.6 UE 1200.5; 1.05 mi N. along section line rd. from "TT 2 EV 1957"; T. 95 and 96 N., R. 20 W.; 16 ft N., 28 ft W. and 3.2 ft lower than center of crossroads at approx. cor. of secs. 5, 6, 35 and 36; in top of R. end of concrete pipe culvert and 3 inches S. of N. end of culvert; a painted square, painted "UE 1200.5" 1200.5
- 9.1 UE Centerline 1219.4; 1.05 mi N. and 0.5 mi W. from "TT 2 EV 1957"; T. 95 and 96 N., R. 20 W.; at approx. quarter cor. between secs. 6 and 31; center of rd. at fence row N. and fence line S.; painted "UE Centerline 1219.4" 1219.4

CLEAR LAKE QUADRANGLE 244

- 9.6 BM "TT 3 EV 1957"; Mason City, 3.5 mi S. and 3.0 mi W. from intersection of U. S. Hwys. 18 and 65 near center of the city; 1.25 mi N. and 0.75 mi E. of village of Burchinal; T. 95 and 96 N., R. 20 and 21 W.; 52 ft N., 75 ft W. and 1.3 ft lower than center of E.-W. rd. at presumed intersection with center of trail rd. extended southward, which is approx. cor. of secs. 1, 6, 31 and 36; 52 ft N. and 90 ft E. of center of E.-W. section line rd. at crossing of Chicago and Great Western RR. tracks; 52 ft N. and 89 ft E. of center of rd. at trail rd. fork NE.; 21 ft NE. of telephone pole and fence corner and 1 ft NW. of fence line, in concrete post; a standard tablet stamped "TT 3 EV 1957 1216" 1216.150
- 9.7 Iowa Geodetic Survey BM "405"; Mason City, 3.5 mi S. and 3.0 mi W. from intersection of U. S. Hwys. 18 and 65, near center of city; 1.25 mi N. and 0.75 mi E. of Burchinal; T. 95 and 96 N., R. 20 and 21 W.; about 200 ft W. of approx. cor. of secs. 1, 6, 31 and 36; 32 ft S., 76 ft W. and 1.3 ft lower than center of E.-W. section line rd. at crossing of Chicago and Great Western RR. tracks; 32 ft S. and 24 ft E. of center of rd. at trail rd. fork NE.; 1 ft S. and 3 ft E. of power pole; 1 ft N. and 3 ft E. of fence corner; 3 ft E. of 4 by 4 concrete right-of-way marker post and 184.13 ft in azimuth of 63°30' from TT 3 EV 1957; in concrete post; a standard Iowa Geodetic Survey BM stamped "405" 1214.551
- 10.2 UE Centerline 1223.9; 0.5 mi N. along trail rd. from "TT 3 EV 1957"; T. 96 N., R. 20 and 21 W.; at approx. quarter cor. between secs. 31 and 36; center of trail rd. at fence lines E. and W.; painted "UE Centerline 1223.9" 1223.9
- 10.7 UE 1213.8; 1.0 mi N. along trail rd. from "TT 3 EV 1957"; T. 96 N., R. 20 and 21 W.; 58 ft N., 32 ft W. and 1.4 ft lower than center of crossroads; at approx. cor. of secs. 25, 30, 31 and 36; in butt at base of tree; a cottonwood stump; a copper nail and washer painted "UE 1213.8" 1213.8
- 11.2 UE Centerline 1219.0; 1.55 mi N. along trail and gravel section line rd. from "TT 3 EV 1957"; T. 96 N., R. 20 and 21 W.; at approx. quarter cor. between secs. 25 and 30; center of rd. at fence lines E. and W.; painted "UE Centerline 1219.0" 1219.0
- 11.6 BM "TT 4 EV 1957"; Mason City, 2.5 mi S. and 3.0 mi W. from intersection of U. S. Hwys. 18 and 65; near center of city; T. 96 N., R. 20 and 21 W.; 34 ft S., 34 ft W. and 4.5 ft higher than center of crossroads at approx. cor. of secs. 19, 24, 25 and 30; 159 ft W. and 24 ft E. of center of rd. at high pressure gas pipe line 47 ft N. of intersection of rd. at cor. of rd. at fence line; 2 ft E. of fence line; in concrete post; a standard tablet stamped "TT 4 EV 1957" 1211.150

<u>Line 1 Cont'd.</u>	<u>CLEAR LAKE QUAD., 244</u>	<u>Feet</u>
11.7 Reference mark; 267 ft N. of tablet; 40 ft S. and 58 ft W. of crossroads; 2 ft S. and 3 ft W. of cor. post of fence S. and W.; in top of red granite boulder about 3 ft in diameter and 1.5 ft higher; a chiseled square, painted "RM"		1109.16
12.2 UE Centerline 1191.0; 0.55 mi N. along section line gravel rd. from "TT 4 EV 1957"; T. 96 N., Rs. 20 and 21 W.; at approx. quarter cor. between secs. 19 and 24; center of rd. at fence lines E. and W.; painted "UE Centerline 1191.0"		1191.0
12.7 UE 1189.1; 1.05 mi N. along gravel section line rd. from "TT 4 EV 1957"; T. 96 N., Rs. 20 and 21 W.; 8 ft S., 27 ft E. and 0.6 ft higher than center of rd.; at T-rd. W. and fence line E.; at approx. cor. of secs. 13, 18, 19 and 24; in top of red granite boulder about 3 ft in diameter and 1.5 ft high; a chiseled square, painted "UE 1189.1"		1189.10
13.2 UE 1188.4; 1.55 mi N. along gravel section line rd. from "TT 4 EV 1957"; T. 96 N., Rs. 20 and 21 W.; 70 ft S., 34 ft W. and 0.8 ft lower than center of State Hwy. 106 at crossroads; at approx. quarter cor. between secs. 13 and 18; on top of orange painted piece of RR. track; set in ground and projecting about 1 ft; painted "UE 1188.4"		1188.44
13.7 UE Centerline 1183.2; 2.05 mi N. along section line gravel and asphalt rd. from "TT 4 EV 1957"; T. 96 N., Rs. 20 and 21 W.; at approx. cor. of secs. 7, 12, 13 and 18; in center of asphalt rd. at fence line E.; a copper nail and washer, painted "UE Centerline 1183.2"		1183.2
14.1 BM "TT 5 EV 1957"; Mason City, 3.0 mi W. from along U. S. Hwy. 18 from intersection with U. S. Hwy. 65 near center of city; 1.0 mi W. along U. S. Hwy. 18 from W. city limits of Mason City; T. 96 N., Rs. 20 and 21 W.; 399 ft S., 36 ft E. and 3.25 ft higher than center of U. S. Hwy. 18 at center of asphalt rd. crossing; at approx. quarter cor. between secs. 7 and 12; 5 ft N. and 2 ft E. of NW. cor. of Drive-in Theater Arena and 2 ft S. and 5 ft W. of high voltage power line pole; in a concrete post; a standard tablet stamped "TT 5 EV 1957"		1170.752
14.1 Reference mark; 353 ft N. of tablet; 60 ft S. and 44 ft E. of center of U. S. Hwy. 18 at crossroads; on top of steel rod in 2 by 2 in. concrete post; painted "RM"		1167.79
<u>MASON CITY QUAD., 243</u>		
14.7 UE Centerline 1172.2; 0.5 mi E. along U. S. Hwy. 18 from "TT 5 EV 1957"; T. 96 N., R. 20 W.; at approx. center of sec. 7; center of U. S. Hwy. 18 at fence lines N. and S.; a copper nail and washer, painted "UE Centerline 1172.2"		1172.2
15.2 UE 1164.1; 1.0 mi E. along U. S. Hwy. 18 from "TT 5 EV 1957"; T. 96 N., R. 20 W.; 38 ft S., 67 ft W. and 1.1 ft lower than center of U. S. Hwy. 18 at crossroads; at W. city limits of Mason City; at approximate quarter cor. between secs. 7 and 8; in top of SW. cor. of an 8 by 8 ft sewer outlet platform; a chiseled square, painted "UE 1164.1"		1164.07
15.6 UE Centerline 1138.6; 1.5 mi E. along U. S. Hwy. 18 from "TT 5 EV 1957"; T. 96 N., R. 20 W.; at approx. center of sec. 8; center of U. S. Hwy. 18 at fence lines N. and S. in W. edge of Mason City; a copper nail and washer in asphalt; painted "UE Centerline 1138.6"		1138.6
15.6 USG&GS BM "47-175"; Mason City, Garretts County, in sec. 5, 1.36 mi N. and W. on the N. side of Fourth Street SW., 50 ft W. of South Taylor Avenue, and 17.2 ft W. of a street marker. A State Survey standard disk, stamped "47-175" and set in the top of a concrete post. USG&GS BM "47-175" recovered as described in October 1957 in good condition; 17 ft N. and 10 ft E. of center of intersection of Fourth Street and South Taylor Avenue leading S. and is 17 ft N. and 47 ft W. of center of intersection of West Fourth Street and offset South Taylor Avenue leading to N. Reported not found 9/58.		1148.626

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Mason City Quadrangle
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LINE 2

Feet

SOUTH ALONG CENTRAL PORTION OF EAST BORDER (by J. A. Evans, 1957; Book CV 840)

MASON CITY QUAD., 243

- 0.0 UE 36 A; 2.0 mi E. along Chicago, Milwaukee, St. Paul and Pacific RR. from "B 36 1934"; 51 ft S., 34 ft W. and 2.1 ft lower than center of Main Street crossing track in Nora Springs; on the S. end of an 18-in. tile culvert; a painted square painted "UE 1056.5" 1056.48
- 0.1 UE 1045.8; Nora Springs, 0.4 mi S. of County Hwy. "M" from intersection with U. S. Hwy. 18; T. 96 N., R. 18 W.; in NW $\frac{1}{4}$ of sec. 18; 63 ft N. along center of bridge; 10 ft E. and normal to bridge and 1.9 ft lower than center of bridge; in top of NE. column of bridge over Shell Rock River; a painted square, painted "UE 1045.8" Water elevation of Shell Rock River measure down 10/16/57, 1027.744 1045.8
- 0.5 UE 1087.3; Nora Springs, 0.8 mi S. along County Hwy. "M" from intersection with U. S. Hwy. 18; 0.4 mi S. along County Hwy. "M" from steel truss bridge over Shell Rock River; T. 96 N., R. 18 W.; 11 ft S., 47 ft W. and 0.5 ft higher than center of County Hwy. "M" at T-rd. W.; about 600 ft N. of approximate E. center of sec. 18; in top of center of S. headwall of concrete bridge; a chiseled square, painted "UE 1087.3" 1087.3
- 1.1 BM "TT 19 EV 1957"; Nora Springs, 1.3 mi S. from along County Hwy. "M" from intersection with U. S. Hwy. 18; 6.0 mi E. of Portland; T. 96 N., R. 18 W.; 204 ft N.; 44 ft W. and 1.05 ft lower than center of County Hwy. "M" at T-rd. W. and fence line E. at approx. E. 1/16 cor. between secs. 18 and 19; 191 ft N. and 44 ft W. of center of County Hwy. "M" at private T-rd. E.; 168 ft N. of corner post of fences N. and W.; 2.5 ft N. of telephone pole and 1 ft E. of fence line; in concrete post; a standard tablet stamped "TT 19 EV 1957 1085" 1085.444
- 1.1 Reference mark; 183 ft SE. of tablet; 29 ft N. and 31 ft E. of center of County Hwy. "M" at T-rd. W.; in top of N. end of corrugated steel pipe culvert; a painted square, painted "RM" 1082.94
- 1.5 UE 1066.6; 0.4 mi S. along County Hwy. "M" from "TT 19 EV 1957"; T. 96 N., R. 18 W.; 536 ft N., 15 ft E. and 1.3 ft lower than center of County Hwy. "M" at T-rd. E. and fence line W. at approx. E. center of sec. 19; in top of SE. wing wall of concrete bridge over small creek; a chiseled square, painted "UE 1066.6". Water elevation under bridge, measured down, 1053.367 1066.64
- 2.1 UE Centerline 1080.3; 1.05 mi S. along County Hwy. "M" from "TT 19 EV 1957"; T. 96 N., R. 18 W.; at approx. E. 1/16 cor. between secs. 19 and 30; center of County Hwy. "M" at fences E. and W.; painted "UE Centerline 1080.3" 1080.3
- 2.6 UE Centerline 1078.9; 1.55 mi S. along County Hwy. "M" from "TT 19 EV 1957"; T. 96 N., R. 18 W.; at approximate E. center of sec. 30; center of County Hwy. "M" at fence lines E. and W.; painted "UE Centerline 1078.9" 1078.9
- 3.1 BM "TT 23 EV 1957"; Nora Springs, 3.3 mi S. from along County Hwy. "M" from intersection with U. S. Hwy. 18; 6.0 mi NW. along County Hwy. "M" from intersection with State Hwy. 147 in Rockford; T. 96 N., R. 18 W.; 55 ft S., 230 ft E. and 0.9 ft lower than center of rd. at T-rd. N. and point of intersection of curve in County Hwy. "M" to N. and E. at approx. sixteenth cor. between secs. 30 and 31; 229 ft NE. of NE. corner of farmhouse of Lyle Robinson; 55 ft S. and 347 ft E. of center of rd. at T-rd. S.; 3 ft S. and 101 ft W. of power pole; 25 ft E. of cor. post of T-fence E. and 1 ft S. of fence line; in a concrete post; a standard tablet stamped "TT 23 EV 1957 1071" 1070.566

<u>Line 2 Cont'd.</u>	<u>MONITORING DATA 2-1</u>	<u>Feet</u>
3.1 Reference mark; 239 ft WNW. of tablet; 55 ft N. and E. of center of rd. at T-rd. N. and point of intersection of County Hwy. "M" to N. and E.; in top of N. end of E-headwall of concrete culvert; a chiseled square, painted "M"		1001.57
3.9 UE 1052.2; 0.85 mi. W. and S. along dirt rd. from "TT 23 EV 1957"; T. 95 N., R. 18 W.; at approx. S. center of sec. 31; 117 ft N., 10 ft E. and same elevation as center of rd. at Y-rd. fork N.; in top of center of E-headwall of concrete culvert; a chiseled square, painted "UE 1052.2"		1052.20
<u>MONITORING DATA 2-1</u>		
4.5 UE 1045.9; 0.85 mi. W. and S. along dirt rd.; thence 0.55 mi. SE. along gravel rd. from "TT 23 EV 1957"; T. 95 and 96 N., R. 18 W.; 36 ft S., 20 ft E. and 0.4 ft lower than center of rd. at fence lines N. and S. at approx. cor. of secs. 5, 6, 31 and 32; in top of large boulder about 2 ft in diameter and 1 ft above ground elevation; a chiseled square, painted "UE 1045.9"		1045.90
5.0 BM "TT 24 EV 1957"; Rockford, 4.2 mi. NW. from along County Hwy. "M" from section with State Hwy. 147; T. 95 and 96 N., R. 18 W.; about 375 ft E. of approx. quarter cor. between secs. 6 and 31; 45 ft S., 100 ft W. and 100 ft lower than the center of County Hwy. "M" at rd. fork W. and fence line E.; 45 ft S. and 32 ft W. of center of rd. at crossing of C.R.I.&P. RR. tracks; 8 ft S. and 4 ft E. of telephone pole; 10 ft SE. of fence cor. and 1 ft NE. of fence line; in a concrete post, a standard tablet stamped "TT 24 EV 1957 1031.005"		1031.005
5.0 Reference mark; 66 ft N. of tablet; 19 ft N. and 48 ft W. of center of E.-W. section line rd. at crossing of C.R.I.&P. RR. tracks; in top of N. end of concrete pipe culvert about 18-in. in diameter; a chiseled square painted "RM"		1031.09
5.4 UE Centerline 1033.4; 0.3 mi. SE. along C.R.I.&P. RR. tracks from "TT 24 EV 1957"; T. 95 N., R. 18 W.; in NE $\frac{1}{4}$ of sec. 5 at center of C.R.I.&P. RR. tracks at N.-S. rd. crossing; in wooden platform; a copper nail and washer, painted "UE Centerline 1033.4"		1033.4
5.7 UE Centerline 1035.4; 0.3 mi. SE. along C.R.I.&P. RR. tracks; thence 0.3 mi. S. along gravel rd. from "TT 24 EV 1957"; T. 95 N., R. 18 W.; at E. center of sec. 5; center of rd. at private T-rd. W.; painted "UE Centerline 1035.4"		1035.4
6.2 UE 1031.4; 0.3 mi. SE. along C.R.I.&P. RR. tracks; thence 0.3 mi. S. along N.-S. gravel rd. from "TT 23 EV 1957"; T. 95 N., R. 18 W.; at approx. E. 1/16 cor. between secs. 5 and 8; 36 ft N., 172 ft W. and 3.8 ft lower than center of rd. at rd. fork NE; in base of SW. side of a 30-in. oak tree; a nail spike, painted "UE 1031.4"		1031.4
6.6 UE 1021.6; 0.3 mi. SE. along C.R.I.&P. RR. track; thence 0.65 mi. S. and 0.4 mi. W. along gravel rd. from "TT 24 EV 1957"; T. 95 N., R. 18 W.; at approx. E. 1/16 cor. between secs. 5 and 8; 20 ft S. and 82 ft E. from center of steel truss bridge over Winnebago River; in top of S. end of concrete abutment at E. end of bridge; a chiseled square, painted "UE 1021.6" water elevation of Winnebago River, measured down, 10/17/57 1006.383		1021.60
<u>MONITORING DATA 2-1</u>		
6.9 BM "TT 25 EV 1957"; Rockford, 1.0 mi. W. and 3.0 mi. W. from T. 95 N., R. 18 W. along Floyd-Gerris County Hwy. 147; 4.4 mi. S. of Winnebago River; in top of steel truss bridge over Winnebago River; T. 95 N., R. 18 W.; 10 ft S. and 224 ft E. of 0.7 ft lower than center of rd. at fork S. of rd. between secs. 5, 6, 7 and 8; 2 ft S. and 4 ft E. of second power pole E. of fence and 1 ft N. of fence line; in concrete post; a standard tablet stamped "TT 25 EV 1957 1050"		1050.00

Mason City Quadrangle
243 - Iowa

LINE 3

Feet

EAST ALONG WEST PORTION OF NORTH BORDER, THENCE SOUTH TO A POINT NEAR CENTER OF QUADRANGLE
(by W. H. Veatch, 1957; Book CV 842)

MASON CITY QUAD., 243

- 0.0 BM L 35, 1934; About 5.8 mi W. along the Chicago, Great Western RR. from the station at Mason City, Cerro Gordo County, about 449 yards S. of milepost 52+15, about 67 yards S. of a county rd. crossing, about 173 ft S. of a fence corner, 46 ft W. of the W. rail of the main track, and 1.5 ft E. of the right-of-way fence. A standard disk, stamped "L 35 1934" and set in the top of a concrete post projecting about 5 inches above ground. Recovered in good condition as described; 191 ft S., 48 ft W. and 4.4 ft lower than center of State Hwy. 288 at crossing of C.G.W. RR. tracks. 1149.604
- 0.6 UE 35 A; 0.6 mi E. of "L 35 1934", along gravel rd., T. 97 N., R. 20 W.; at quarter cor. between secs. 3 and 10, 40 ft N., 37 ft W. and 2.1 ft lower than center of rd., at crossroads on the W. end of a 36-in. concrete pipe culvert; a chiseled square, painted "UE 1151.5" 1151.47
- 1.3 UE 35 B; 1.3 mi E. of "L 35 1934", along gravel rd., center of rd. opposite fence line S., "UE Centerline 1181.0" 1181.0
- 2.1 "TT 11 EV 1957"; Plymouth, 2.0 mi W. from along State Hwy. 288; 2.5 mi E. from intersection of U. S. Hwy. 65 and State Hwy. 288; T. 97 N., R. 20 W.; 61 ft S., 244 ft W. and 0.4 ft lower than center of crossroads, at approx. cor. of secs. 1, 2, 11 and 12, 203 ft W. of corner post of fences S. and W., 3 ft W. of telephone pole and 1 ft S. of fence line, in a concrete post; standard tablet stamped "TT 11 EV 1957 1168 ft" BM 1168.1 1168.030
- 2.0 Reference mark; 202 ft E. of tablet, 39 ft S. and 29 ft W., center of rd. at crossroads, a rail spike in N. side of telephone pole projecting 6 inches above ground; "RM 1166.8" 1166.79
- 2.6 UE 11 A; 0.5 mi E. of "TT 11 EV 1957"; along gravel rd., center of rd. opposite cross fences; "UE Centerline 1174.8" 1174.7
- 3.1 UE 11 B; 1.0 mi E. of "TT 11 EV 1957" along gravel rd., T. 97 N., R. 19 and 20 W.; at approx. cor. secs. 1, 6, 7 and 12; 42 ft S., 38 ft W. and 2.9 ft lower than center of rd. at crossroads, on the S. end of a 24-in. concrete pipe culvert; a chiseled square, "UE 1141.6" 1141.53
- 3.6 UE 11 C; 1.5 mi E. of "TT 11 EV 1957"; along gravel rd., center of rd. opposite fence line N., "UE Centerline 1127.7" 1127.7
- 4.0 "BM TT 12 EV 1957"; Plymouth, in village of, T. 97 N., R. 19 W.; 359 ft N., 193 ft W. and 8.2 ft higher than center of rd. at T-rd. E., (Intersection of Cerro Gordo County Hwys. "C" and "K", which is approx. cor. of sec. 5, 6, 7 and 12), 91 ft S. and 193 ft W. of intersection of State Hwy. 288 and county rd. "C", 10 ft N. and 64 ft E. of center of State Hwy. 288, concrete bridge over Shell Rock River, in top of concrete walkway and curb on NE. end and on SE. side of bridge; a standard tablet stamped "TT 12 EV 1957 1128 ft" BM 1127.6 1127.525
- 4.0 Reference mark; 244 ft W. of tablet, 66 ft N. and 28 ft E., center of rd. at T-rd. N.; on the E. end of a 24-in. concrete pipe culvert; a chiseled square, "RM 1124.0" 1123.89
- 4.5 UE 12 A; 0.5 mi E. of "TT 12 EV 1957"; along gravel rd., in the center of concrete floor of bridge over creek; a chiseled square "UE 1120.1" (15.3 ft above water level) 1119.99

<u>Line 3 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
4.9 UE 12 B; 0.9 mi E. of "TT 31 EV 1957", along gravel rd., 16 ft S., 38 ft E. and 0.9 ft lower than center of rd., at T-rd. S., in center of the S. concrete headwall of culvert; a chiseled square "UE 1125.8"		1125.74
5.5 UE 12 C; 0.9 mi E. and 0.6 mi S. from "TT 12 EV 1957", along gravel rd., center of rd. at T-rd. W. to farmhouse, "UE Centerline 1129.8"		1129.8
5.9 UE 12 D; 0.9 mi E. and 1.0 mi S. from "TT 12 EV 1957"; along gravel rd., 28 ft N., 30 ft W. and 3.3 ft lower than center of rd. at T-rd. N., a rail spike in E. side of power pole projecting 4 in. above ground; "UE 1132.9"		1132.80
6.2 Plymouth, 1.0 mi S. and 1.0 mi E. from; 1.5 mi N. and 1.0 mi W. from Rock Falls, T. 97 N., R. 19 W.; at approx. cor. of secs. 8, 9, 16 and 17; 56 ft S., 31 ft E. and 2.4 ft lower than center of rd., at T-rd. S., 23 ft S. and 1 ft W. from fence corner, 1 ft W. of fence line, in a concrete post; a standard tablet stamped "1 WHV 1957 1141 ft" BM 1141.1		1140.998
6.1 Reference mark; 94 ft W. of tablet, 42 ft S. and 61 ft W. from center of rd., at T-rd. S.; 24 ft S. of fence line, in root on N. side of a 36-in. twin white oak tree; a copper nail and washer, RM 1142.1		1142.04
6.9 UE 1 A; 0.5 mi S. and 0.2 mi E. of "1 WHV 1957" along gravel rd., center of rd. at T-rd. N. to farm house; UE Centerline 1125.5		1124.2
7.0 UE 1 B; 0.5 mi S. and 1.0 mi E. from "1 WHV 1957" along gravel rd., 10 ft S., 204 ft W. and 1.3 ft lower than center of rd. at crossroads, in center of the S. concrete headwall of bridge, a chiseled cross, "UE 1113.0" (11.4 ft above water level)		1112.9
8.2 UE 1 C; 1.0 mi S. and 1.0 mi E. from "1 WHV 1957" along gravel rd., center of rd. at T-rd. S., "UE Centerline 1109.1"		1109.0
8.7 "BM 2 WHV 1957", at Rock Falls, T. 97 N., R. 19 W.; near quarter cor. between secs. 21 and 22; 18 ft W., center of rd. at N. end of concrete bridge over Shell Rock River (2.2 ft higher than center of bridge), on the NW. end of the retaining wall; a standard tablet stamped "2 WHV 1957, 1103 ft" BM 1102.7 (26.4 ft higher than water level)		1102.541
8.7 Reference mark; 206 ft S. of tablet, at the S. end of concrete bridge, on the SW. cor. of the retaining wall; a chiseled square, "RM 1098.7"		1098.59
9.7 UE 2 A; 1.0 mi W. of "2 WHV 1957", along gravel rd., T. 97 N., R. 19 W.; at quarter cor. between N. secs. 20 and 21; 46 ft S., 40 ft E. and 2.5 ft lower than center of rd., at T-rd. S., a rail spike in E. side of power pole projecting 5 inches above ground; "UE 1156.2"		1156.06
10.2 UE 2 B; 1.0 mi W. and 0.5 mi S. of "2 WHV 1957" along gravel rd., T. 97 N., R. 19 W.; at cor. secs. 20, 21, 28 and 29; center of rd. opposite T-fence E.; UE Centerline 1131.2		1131.5
10.7 UE 2 C; 1.0 mi W. and 1.0 mi S. of "2 WHV 1957" along gravel rd., T. 97 N., R. 19 W.; at quarter cor. between secs. 28 and 29; 28 ft S., 28 ft E. and 2.0 ft lower than center of rd., at T-rd. E.; a rail spike on W. side of power pole projecting 5 in. above ground; "UE 1143.7"		1143.36
11.3 Rock Falls, 1.5 mi S. and 1.0 mi W. from along gravel rd., T. 97 N., R. 19 W.; 598 ft S., 34 ft W. and 9.1 ft higher than center of rd. at T-rd. W.; at approx. cor. of secs. 28, 29, 32 and 33; 0.3 mi N. of a red barn; 1 ft N. of telephone pole, 1 ft E. of fence line, in a concrete post; a standard tablet stamped "3 WHV 1957 1155 ft" BM 1154.8		1154.554
11.2 Reference mark; 510 ft N. of tablet, 88 ft S., 13 ft W., center of rd. at T-rd W.; in center of the W. headwall of concrete box culvert; a chiseled square, "RM 1144.6"		1144.39

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<u>Line 3 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
11.9 UE 3 A; 0.5 mi S. of "3 WHV 1957" along gravel rd., T. 97 N., R. 19 W.; at quarter cor. between secs. 32 and 33, center of rd., opposite T-fence E.; "UE Centerline 1158.4"		1158.2
12.2 UE 3 B; 0.9 mi S. of "3 WHV 1957" along gravel rd., Ts. 96 and 97 N., R. 19 W.; at approx. cor. secs. 4, 5, 32 and 33; 31 ft S., 39 ft E. and 6 ft lower than center of rd. at crossroads, in center of small rock boulder projecting 5 in. above ground; a chiseled square, "UE 1168.0"		1167.73
12.7 UE 3 C; 1.4 mi S. of "3 WHV 1957" along gravel rd., T. 96 N., R. 19 W.; at quarter cor. between secs. 8 and 9, center of rd. at crossroads, "UE Centerline 1151.8"		1151.56
13.7 Mason City, 5.1 mi E. along U. S. Hwy. 18, from the intersection of U. S. Hwy. 65, T. 96 N., R. 19 W.; at quarter cor. between secs. 8 and 9; 58 ft S., 112 ft W. and 6.6 ft lower than center of U. S. Hwy. 18 at crossroads, 78 ft W. from fence corner, 3 ft W. of power pole, 2 ft N. of fence line; in a concrete post, a standard tablet stamped "4 WHV 1957 1115 ft" BM 1115.2		1114.915
13.7 Reference mark; 164 ft NE. of tablet, 49 ft N., 18 ft W., center of U. S. Hwy 18 at crossroads, on the W. end of a 24-in. concrete pipe culvert; a chiseled square "RM 1116.9"		1116.61
14.2 UE 4 A; 0.5 mi S. of "4 WHV 1957" along gravel rd., T. 96 N., R. 19 W.; at approx. cor. of secs. 8, 9, 16 and 17; 31 ft N., 16 ft W. and 0.6 ft lower than center of old U. S. Hwy. 18 at crossroads, on the W. end of a 24-in. steel pipe culvert; a punched hole "UE 1106.4"		1106.1
15.2 UE 4 B; 0.5 mi S. and 1.0 mi W. from "4 WHV 1957" along rd., T. 96 N., R. 19 W.; at cor. secs. 7, 8, 17 and 18; 56 ft S., 15 ft E. and 1.3 ft higher than center of old Hwy. 18 at crossroads, in center of the E. concrete headwall of box culvert, a chiseled square "UE 1107.3" Reported destroyed.		1106.95
16.0 BM Z 35 1934: About 4.0 mi E. along the Chicago, Milwaukee, St. Paul and Pacific RR. from the station at Mason City, Cerro Gordo County, at Portland, about 117 yards E. of the station, about 26 yards W. of the crossing of a section road, about 30 ft S. of the S. rail of the N. sidetrack and 15.5 ft S. of the S. rail of the main track. A standard USC&GS disk stamped "Z 35 1934" and set in the top of a concrete post projecting about 4 in. above ground. Recovered in good condition as described: 16 ft S., 83 ft W. and 0.6 ft lower than center of N.-S. rd. crossing tracks Reported destroyed 7/59 HBS.		1078.220

LINE 4

FROM A POINT 2.0 MILES WEST OF NORA SPRINGS, NORTH ALONG NORTH PORTION OF EAST BORDER,
THENCE WEST ALONG EAST PORTION OF NORTH BORDER (by W. H. Veatch, 1957; Book CV 842)

MASON CITY QUAD., 243

0.0 BM B 36 1934: About 8.1 mi E. along the Chicago, Milwaukee, St. Paul and Pacific RR. from the station at Mason City, Cerro Gordo County, 67 ft SE. of the crossing of a section rd., 47 ft S. of the S. rail, and 1 ft N. of the right-of-way fence. A standard USC&GS disk stamped "B 36 1934" and set in the top of a concrete post projecting about 4 in. above ground. Recovered in good condition as described: 48 ft S., 50 ft E. and 1.4 ft lower than center of N.-S. rd. crossing tracks.	1112.640
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Line 4 Cont'd.

MASON CITY QUAD., 243

Feet

- 0.6 UE, top of S. rail milepost 108 1100.7
- 1.4 UE, about 0.6 mi W. of Nora Springs, at the crossing of the C.M.St.P.&P. RR. and the C.R.I.&P. RR., top of S. rail 1067.6
- 2.0 UE 36 A; 2.0 mi E. along RR. from "B 36 1934", 51 ft S., 34 ft W. and 2.1 ft lower than center of main street crossing tracks, on the S. end of an 18-in. tile culvert, a painted square "UE 1056.5" 1056.50
- 2.2 UE 36 B; 2.0 mi E. along RR., thence 0.2 mi N. along rd. from "B 36 1934", center of Hwy. 18 at cross streets, a copper nail and washer "UE 1085.2" 1085.2
- 2.8 UE 36 C; 2.0 mi E. along RR., thence 0.8 mi N. along county rd. "M" from "B 36 1934", 56 ft E. and 1.2 ft higher than center of gravel rd. at intersection of rd. NE., a rail spike in N. side of power pole, projecting 4 inches above ground, "UE 1081.0" 1081.00
- 3.6 Nora Springs, 1.3 mi N. from along County Hwy. "M", from intersection with U. S. Hwy. 18; about 1.0 mi E. of Cerro Gordo-Floyd Co. Line, T. 96 N., R. 18 W.; 32 ft S., 195 ft W. and 0.3 ft lower than center of Co. Hwy. "M" at T-rd. W. and fence line E., at approx. quarter cor. between secs. 5 and 6, 160 ft W. of fences S. and W., 5 ft E. of power pole and 1 ft N. of fence line, in a concrete post, a standard tablet stamped "TT 18 EV 1957 1126.6" BM 1126.6 1126.656
- 3.6 Reference mark; 164 ft E. of tablet, 14 ft S. and 28 ft W., center of hwy. at T-rd. S., on the E. end of the S. headwall of concrete culvert; a chiseled square "RM 1126.7" 1126.74
- 4.1 UE 18 A; 0.5 mi N. of "TT 18 EV 1957", along gravel rd., Ts. 96 and 97 N., R. 18 W.; at approx. cor. of secs. 5, 6, 31 and 32; 82 ft S., 62 ft W. and 1.4 ft higher than center of crossroads, in center of the bottom concrete step at schoolhouse, a chiseled square, "UE 1142.8" 1142.85
- 4.6 UE 18 B; 1.0 mi N. of "TT 18 EV 1957", along gravel rd., T. 97 N., R. 18 W.; at quarter cor. between secs. 31 and 32, center of rd. at cross fences, "UE Centerline 1161.6" 1161.65
- 5.2 Nora Springs, 2.8 mi N. from along County Hwy. "M" from intersection with U. S. Hwy. 18, T. 97 N., R. 18 W.; 31 ft S., 251 ft E. and 3.8 ft lower than center of County Hwy. "M" at T-rd. E. and fence line W., at approx. cor. of secs. 29, 30, 31 and 32; 217 ft E. of corner post of fences S. and E., 1 ft S. and 3 ft W. of telephone pole and 1 ft N. of fence line, in a concrete post, a standard tablet stamped "TT 17 EV 1957 1157.7" BM 1157.7 1157.724
- 5.2 Reference mark; 224 ft W. of tablet, 16 ft N. and 27 ft E., center of rd. at T-rd. E., on the N. end of a 24-in. concrete pipe culvert, a chiseled square, "RM 1157.9" 1157.94
- 5.7 UE 17 A; 0.5 mi N. of "TT 17 EV 1957", along gravel rd., T. 97 N., R. 18 W.; at quarter cor. between secs. 29 and 30, center of rd. at T-rd. W. "UE Centerline 1163.1" 1163.1
- 6.2 UE 17 B; 1.0 mi N. of "TT 17 EV 1957", along gravel rd., T. 97 N., R. 18 W.; at approx. cor. of secs. 19, 20, 29 and 30; 20 ft N., 28 ft E. and 2.9 ft lower than center of rd. at T-rd. E., on the N. end of a 24-in. concrete pipe culvert; a chiseled square "UE 1144.6" Reported dead end 1144.6

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<u>Line 4 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
6.7 UE 17 C; 1.5 mi N. of "TT 17 EV 1957", along gravel rd., T. 97 N., R. 18 W., at quarter corner between secs. 19 and 20, center of rd., at T-rd. W., "UE Centerline 1159.0"		1159.1
7.3 Nora Springs, 4.9 mi N. from, along County Hwy. "M" from intersection with U. S. Hwy. 18; 1.0 mi E. from corner common to Cerro Gordo, Mitchell and Floyd Counties, T. 97 N., R. 18 W.; 410 ft N., 50 ft E. and 2 ft higher than center of County Hwy. "M" at center of crossroads, on Floyd and Mitchell County line, at approx. cor. of secs. 17, 18, 19 and 20; 2 ft N. of telephone pole, in a concrete post; a standard tablet stamped "TT 16 EV 1957, 1163 ft" "BM 1163.3"		1163.318
7.2 Reference mark; 434 ft S. of tablet, 26 ft S. and 33 ft E., center of rd., at crossroads; on the S. end of a 24-in. steel pipe culvert; a chiseled square, "RM 1155.9"		1155.88
7.7 UE 16 A; 0.4 mi N. of "TT 16 EV 1957" along gravel rd., T. 97 N., R. 18 W.; at quarter cor. between secs. 17 and 18, center of rd. opposite cross fences, "UE Centerline 1170.7"		1170.7
8.2 UE 16 B; 0.9 mi N. of "TT 16 EV 1957", T. 97 N., R. 18 W.; at approx. cor. of secs. 7, 8, 17 and 18; 23 ft S., 38 ft E. and 3.3 ft lower than center of rd., at crossroads, on the S. end of a 24-in. steel pipe culvert, a punched hole, "UE 1175.2"		1175.2
9.2 Plymouth, 0.25 mi S., thence 6.0 mi E. along Co. Hwy. "K", 6.8 mi N. along Co. Hwy. "M" from Nora Springs, 2.0 mi N. and 1.0 mi E. from corner common to Mitchell, Cerro Gordo and Floyd Counties, T. 97 N., R. 18 W.; 328 ft S., 51 ft E. and 1.2 ft higher than center of crossroads, and intersection of Co. Hwy. "K" and "M", at approx. cor. of secs. 5, 6, 7 and 8, 295 ft S. of corner post of woven wire fences to S. and E.; 4 ft N. of powerline pole and 1 ft W. of woven wire fence, in a concrete post, a standard tablet stamped "TT 15 EV 1957 1189 ft" "BM 1189.6"		1189.649
10.3 Reference mark; 124 ft N. of tablet, 209 ft S., and 22 ft E. of center of rd. at crossroads, on the E. end of a 24-in. steel pipe culvert, a punched hole "RM"		1185.92
10.3 UE 15 A; 1.0 mi W. of "TT 15 EV 1957", along gravel rd., T. 97 N., R. 18 and 19 W.; cor. secs. 1, 6, 7 and 12; 42 ft S., 4 ft E. and 3.5 ft lower than center of hwy. at T-rd. N., a rail spike in N. side of power pole, projecting 4 inches above ground, "UE 1210.1"		1210.15
10.8 UE 15 B; 1.5 mi W. of "TT 15 EV 1957", along gravel rd., T. 97 N., R. 19 W.; at quarter cor. between secs. 1 and 12, center of rd. opposite cross fences, "UE Centerline 1200.6"		1200.6
11.2 BM TT 14 EV 1957: Plymouth, 0.25 mi S. and 4.1 mi E. from, along Co. Hwy. "K", T. 97 N., R. 19 W.; 46 ft N., 403 ft E. and 1.4 ft lower than center of Hwy. "K", at approx. cor. of secs. 1, 2, 11 and 12; 205 ft S. and 5 ft E. of SE. cor. of two story white farmhouse, 46 ft N. and 52 ft W. of center of Co. Hwy. "K" at private T-rd. N., 296 ft E. of corner post of fences N. and E.; and 1 ft S. of fence line, in a concrete post, a standard tablet stamped "TT 14 EV 1957 1187 ft" "BM 1187.4"		1187.457
11.2 Reference mark; 386 ft W. of tablet; 17 ft N., 37 ft E., center of rd. at crossroads, top of a 1-in. iron pipe set in center headwall of a concrete culvert, "RM"		1180.00
11.7 UE 14 A; 0.5 mi W. of "TT 14 EV 1957", along gravel rd., T. 97 N., R. 18 W.; at quarter cor. between secs. 2 and 11; center of rd. opposite fence line N. (at W. edge of trees) "UE Centerline 1196.8"		1196.8

<u>Line 4 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
12.2 UE 14 B; 1.0 mi W. of "TT 14 EV 1957", along gravel rd., T. 97 N., R. 19 W.; at cor. secs. 2, 3, 10 and 11; 34 ft N., 21 ft E. and 3.9 ft lower than center of rd., at T-rd. S.; on the E. end of a 24-in. concrete pipe culvert, a chiseled square, "UE 1179.0"		1179.08
12.7 UE 14 C; 1.5 mi W. of "TT 14 EV 1957", along gravel rd., T. 97 N., R. 19 W.; at quarter cor. between secs. 3 and 10; center of rd. at T-rd. N.; "UE Centerline 1178.6"		1178.7
13.3 BM TT 13 EV 1957; Plymouth, 0.25 mi S. and 1.9 mi E. from, along Co. Hwy. "K", T. 97 N., R. 19 W.; 45 ft S., 562 ft W. and 3.9 ft lower than center of Co. Hwy. "K" at center of crossroads, at approx. cor. of secs. 3, 4, 9 and 10; 518 ft W. of corner post of fences S. and W., 45 ft S. and 41 ft E. of center of County Hwy. "K" at field T-rd. S., 5 ft E. of telephone pole and 1 ft N. of fence line, in concrete post, a standard tablet stamped "TT 13 EV 1957 1143 ft " "EM 1143.5"		1143.545
13.3 Reference mark; 546 ft E. of tablet, 38 ft N., 20 ft W. of center of rd. at crossroads, on the W. end of a 24-in. concrete pipe culvert, a chiseled square, "RM"		1144.68
13.8 "UE 13 A", 0.4 mi W. of "TT 13 EV 1957", along gravel rd., in center of concrete floor of bridge over creek, a chiseled square, "UE Centerline 1134.7"		1134.73
14.5 "UE 12 B" (described in line 3)		1125.741

LINE 5

FROM A POINT NEAR CENTER OF QUADRANGLE SOUTH TO SOUTH BORDER, THENCE WEST ALONG SOUTH BORDER (by W. H. Veatch, 1957; Book CV 842)

MASON CITY QUAD., 243

0.0 BM USCAGS Z 35 1934: About 4.0 mi E. along the C.M.St.P.&P. RR. from the station at Mason City, Cerro Gordo County, at Portland, about 117 yards E. of the station, about 26 yards W. of the crossing of a section rd., about 30 ft S. of the S. rail of the N. sidetrack and 15.5 ft S. of the S. rail of the main track. A standard disk, stamped "Z 35 1934" and set in the top of a concrete post projecting about 4 inches above ground. Recovered in good condition as described: 83 ft W., 16 ft S. and 0.6 ft lower than center of N.-S. rd. crossing tracks (Reported destroyed HBS 7/59)	1078.220
0.4 UE 35 A; 0.4 mi W. of "Z 35 1934" along gravel rd., T. 96 N., R. 19 W.; at quarter cor. between secs. 18 and 19; 29 ft S., 66 ft E. and 3 ft lower than center of rd. at rd. leading SE. on the E. end of a 24-in. steel pipe culvert, a punched hole "UE 1061.0"	1061.0
1.1 UE 35 B; 0.4 mi W. and 0.7 mi S. of "Z 35 1934", along gravel rd., T. 96 N., R. 19 W.; at approx. quarter cor. between secs. 19 and 20, center of rd. opposite T-fence W., "UE Centerline 1103.0"	1103.0
1.6 Portland, 1.5 mi S. of, along gravel rd., T. 96 N., R. 19 W.; 690 ft S., 32 ft E. and 9.5 ft higher than center of rd. at T-rd. E., at approx. cor. secs. 19, 20, 29 and 30; 28 ft W. at fence line, in a concrete post; standard tablet stamped "5 WHV 1957 RESET 1966"	1102.091
1.6 Reference mark; 658 ft N. of tablet along rd., 32 ft S., 32 ft E., center of rd. at T-rd. E.; a rail spike in W. side of power pole projecting 4 inches above ground; "RM 1093.8"	1093.77
2.0 UE 5 A; 0.5 mi S. of "5 WHV 1957", along gravel rd., T. 96 N., R. 19 W.; near quarter cor. between secs. 29 and 30; 12 ft W. and 3 ft higher than center of bridge over creek, in center of W. concrete headwall; a chiseled square, "UE 1095.4" (10.1 ft above water level)	1095.39

Mason City Quadrangle
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<u>Line 5 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
2.4 UE 5 B; 0.9 mi S. of "5 WHV 1957" along gravel rd., T. 96 N., R. 19 W.; at cor. secs. 29, 30, 31 and 32; 24 ft N., 23 ft E. and 1.8 ft lower than center of rd. at crossroads, in center of large rock boulder; a chiseled square, "UE 1127.5" about 3 ft in diameter and projecting 1 ft above ground		1127.48
3.0 UE 5 C; 1.5 mi S. of "5 WHV 1957", along gravel rd., center of rd. at driveway E. to farmhouse, "UE Centerline 1153.3"		1153.3
3.5 Portland, 3.5 mi S. of, along gravel rd., Ts. 95 and 96 N., R. 19 W.; 357 ft S., 31 ft E. and 13.2 ft lower than center of rd., at crossroads, at approx. cor. secs. 5, 6, 31 and 32; 28 ft W. of fence line, in concrete post; standard tablet stamped "6 WHV 1957 1134 ft" (Reset 1966 but not stamped RESET)		1131.386
3.5 Reference mark; 149 ft NW. of tablet, 228 ft S. and 20 ft W., center of rd. at crossroads, in center of W. concrete headwall of culvert, a chiseled square, "RM 1135.4"		1135.38
4.6 UE 6 A; 1.0 mi S. of "6 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at cor. secs. 5, 6, 7 and 8; 58 ft S., 13 ft E. and 1.5 ft lower than center of rd. at crossroads, on the S. end of the E. concrete headwall of culvert, a chiseled square "UE 1178.1"		1178.07
4.0 UE 6 B; 1.5 mi S. of "6 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at quarter cor. between secs. 7 and 8, center of rd. opposite cross fences, "UE Centerline 1189.7"		1189.7
3.6 Portland, 5.6 mi S. of along gravel rd., 5.0 mi N. and 3.0 mi E. from Rockwell, T. 95 N., R. 19 W.; 278 ft S., 39 ft E. and 10.7 ft lower than center of rd. at crossroads, at approx. cor. secs. 7, 8, 17 and 18; 21 ft W. of fence line, in a concrete post; standard tablet stamped "7 WHV 1957 1184 ft" (Reset 1966 but not stamped RESET)		1178.455
4.6 Reference mark; 316 ft N. of tablet, 31 ft N., 40 ft W. of center of rd.; at crossroads, 2 ft N. of fence corner, top of an iron fence post, projecting 4 in. above ground		1187.21
4.8 UE 7 A; 0.2 mi S. of "7 WHV 1957", along rd., top of the N. rail at center of rd. crossing the Chicago and North Western RR.; "UE Centerline 1177.6"		1177.5
4.5 UE 7 B; 0.9 mi S. of "7 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at cor. of secs. 17, 18, 19 and 20; 21 ft S., 24 ft W. and 3.6 ft lower than center of rd., at crossroads, on the W. end of an 18-in. steel pipe culvert, a punched hole, "UE 1155.7"		1155.6
4 UE 7 C; 1.4 mi S. of "7 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at quarter cor. between secs. 19 and 20, center of rd. opposite fence line W.; "UE Centerline 1162.2"		1162.1
4.5 BM 8 WHV 1957; Portland, 7.5 mi S. of along gravel rd., 3.0 mi N. and 3.0 mi E. from Rockwell, T. 95 N., R. 19 W.; 168 ft N., 38 ft E. and 2.5 ft lower than center of rd. at crossroads, at approx. cor. of secs. 19, 20, 29 and 30, 2 ft N. of power pole, 1 ft W. of fence line, in a concrete post, a standard tablet stamped "8 WHV 1957, 1171 ft" "BM 1171.0"		1170.982
7.5 Reference mark; 149 ft S. of tablet, 19 ft N. and 36 ft E., center of rd., at crossroads, on the W. end of a 24-in. steel pipe culvert, a punched hole "RM 1178.2"		1178.2

Line 5 Cont'd.

MASON CITY QUAD., 243

Feet

- 8.0 UE 8 A; 0.5 mi S. of "8 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at quarter corner between secs. 29 and 30, center of rd. opposite corner fences, "UE Centerline 1182.0" 1181.9
- 8.6 UE 8 B; 1.0 mi S. of "8 WHV 1957", along gravel rd., T. 95 N., R. 19 W.; at cor. secs. 29, 30, 31 and 32; 26 ft S., 34 ft E. and 3.4 ft lower than center of rd., at crossroads, on the S. end of a 24-in. steel pipe culvert, a punched hole, "UE 1170.5" 1170.4
- 9.1 UE 8 C; 1.5 mi S. of "8 WHV 1957" along gravel rd., T. 95 N., R. 19 W.; at quarter cor. between N. secs. 31 and 32, center of rd. opposite fence line E., "UE Centerline 1171.1" 1171.0

ROCKWELL QUAD., 220

- 9.6 BM TT 30 EV 1957; Rockwell, 0.75 mi N. and 2.9 mi E. from; 1.9 mi W. of Cartersville, Tn. 94 and 95 N., R. 19 W.; 34 ft S., 44 ft W. and 1.6 ft lower than center of crossroads, at approx. cor. of secs. 5, 6, 31 and 32, 389 ft W. of corner post of fences S. and W., 1 ft E. and 4 ft E. of corner post of T-fence S. and 1 ft N. of woven wire fence, in a concrete post, a standard tablet stamped "TT 30 EV 1957 1165 ft" "UE 1165.3" 1165.212
- 9.5 Reference mark; 414 ft E. of tablet, along rd., 32 ft N., 24 ft E., center of rd. at crossroads, on the W. end of a 24-in. steel pipe culvert, a punched hole, "RM 1164.3" 1164.23
- 10.5 UE 30 A; 0.9 mi W. of "TT 30 EV 1957", along gravel rd., Tn. 94 and 95 N., R. 19 and 20 W.; at cor. secs. 1, 6, 31 and 36; 11 ft S., 63 ft W. and 0.8 ft higher than center of rd., at crossroads, in center of S. headwall of concrete culvert, a chiseled square, "UE 1140.8" 1140.74
- 11.1 UE 30 B; 1.5 mi W. of "TT 30 EV 1957", along gravel rd., center of rd., at driveway S. to farmhouse, "UE Centerline 1161.4" 1161.3
- 11.5 BM TT 31 EV 1957; Rockwell, 0.7 mi N. and 1.0 mi E. from; Tn. 94 and 95 N., R. 20 W.; 33 ft N., 285 ft E. and 0.5 ft lower than center of crossroads, at approx. cor. of secs. 1, 2, 35 and 36; 253 ft E. of corner post of fences N. and E.; 1 ft N. and 5 ft E. of telephone pole and 1 ft S. of fence line, in a concrete post, a standard tablet stamped "TT 31 EV 1957 1148 ft" "BM 1147.7" Reported destroyed 8/62 SRD. 1147.586
- 11.5 Reference mark; 255 ft W. of tablet, 16 ft N., 32 ft E., center of rd. at crossroads, in center of the NE. headwall of concrete culvert, a chiseled square, "RM" 1148.69
- 12.0 UE 31 A; 0.5 mi W. of "TT 31 EV 1957", along gravel rd., Tn. 94 and 95 N., R. 20 W.; at quarter cor. between secs. 2 and 35, center of rd. opposite cross fence, on top of a 3 by 3-in. concrete block, flush with the ground, "UE Centerline 1147.7" 1147.6
- 12.5 UE 31 B; 1.0 mi W. of "TT 31 EV 1957", along gravel rd., center of N.-S. rd. at T-rd. E.; on top of a 3 by 3-in. concrete post with brass cap, stamped "Tn. 94 and 95 N., R. 20 W., cor. secs. 2, 3, 34 and 35, UE 1134.1" 1134.4
- 13.0 BM No. 17-250; about 0.05 mi N. along County Rd. 122 from S. E. cor. sec. 3, at Rockwell, Gerro Gerdo County, about 0.85 mi N. of the 100 ft. line pole 1562. A state Survey standard mark stamped "17-250" and set in top of a concrete post. Recovered in good condition as described. 1120.942

16
Mason City Quadrangle
243 - Iowa

LINE 6

Feet

NEAR WEST CENTRAL PORTION OF QUADRANGLE (by W. H. Veatch, 1957; Book CV 842)

MASON CITY QUAD., 243

- 0.0 "BM 2 35 1934" (described in line 3) 1078.220
- 1.0 UE 35 A; 1.0 mi W. along RR., top of S. rail at N.-S. section line rd. crossing, "UE 1073.5" 1073.5
- 2.1 "TT 22 EV 1957"; Mason City, about 2.0 mi E. along C.M.St.P.&P.RR. from the station, 2.0 mi W. along C.M.St.P.&P. tracks from Portland, T. 96 N., R. 20 W.; near approx. N. 1/16 cor. between secs. 13 and 14, 64 ft S., 38 ft E. and 0.35 ft lower than center of RR. tracks at N.-S. trail section line rd. crossing, 8 ft SE. of fence corner, 10 ft S. and 11 ft E. of telephone pole and 1 ft N. of right-of-way fence line, in a concrete post, a standard tablet stamped "TT 22 EV 1957, 1093 ft" "EM 1093.3" 1093.318
- 2.1 Reference mark; 99 ft N. of tablet, 47 ft N., 43 ft E., center of N.-S. section line rd. crossing tracks, highest point on concrete post projecting 2 inches above ground; a chiseled square, "RM 1092.9" 1092.96
- 3.1 UE 22 A; 1.0 mi W. of "TT 22 EV 1957", along railway, top of S. rail at center of N.-S. rd. crossing 1117.1
- 3.6 UE 22 B; 1.5 mi W. of "TT 22 EV 1957", along railway, 14 ft N., 42 ft W. and 1.5 ft higher than center of S. Carolina Avenue crossing main track, on SW. corner of concrete block with light signals, a chiseled square, "UE 1134.0" 1134.08
- 4.3 UE 22 C; 1.5 mi W. along tracks, thence 0.7 mi NNW. of along streets, 32 ft E. and 0.3 ft higher than center of concrete bridge over creek, in center of concrete wall way, a chiseled square, "UE 1125.3" 1125.37
- 4.9 USC&GS BM H 35 1934; At Mason City, Cerro Gordo County, 1.5 blocks E. and 1 block N. of the Co. Courthouse, in the NW. cor. of the post office yard, 28.5 ft NW. of the NW. cor. of the post office, 21.6 ft S. of the S. edge of Third St. NE., 18.6 ft E. of the E. edge of N. Delaware Ave., 4 ft S. of the S. edge of a sidewalk and 3.8 ft E. of the E. edge of a sidewalk paralleling N. Delaware Ave. A standard disk stamped "H 35 1934" and set in the top of a concrete post about level with the ground. Recovered in good condition as described, at the NW. cor. of post office yard, 1 ft SE. from the NW. cor. of hedge and flush with ground 1128.820

LINE 7

EAST ALONG EAST PORTION OF SOUTH BORDER, THENCE NORTH ALONG EAST BORDER (by W. H. Veatch, 1957; Book CV 842;

ROCKWELL QUAD., 220

- 0.0 "EM TT 30 EV 1957" (described in line 5) 1165.212
- 0.5 UE 30 C; 0.5 mi E. of "TT 30 EV 1957", along gravel rd., Ts. 94 and 95 N., R. 19 W.; near quarter cor. between secs. 5 and 32, center of rd., at driveway S. to farm house, "UE Centerline 1165.4" 1165.3
- 1.1 UE 30 D; 1.1 mi E. of "TT 30 EV 1957", along gravel rd., Ts. 94 and 95 N., R. 19 W.; at cor. of secs. 4, 5, 32 and 33; 32 ft S., 20 ft E. and 2.8 ft lower than center of rd., at crossroads, on the N. end of a 12-in. steel pipe culvert, a punched hole, "UE 1157.9" 1157.8

<u>Line 7 Cont'd.</u>	<u>ROCKWELL QUAD., 220</u>	<u>Feet</u>
1.6 UE 30 E; 1.5 mi. E. of "TT 30 EV 1957", along gravel rd., Ts. 94 and 95 N., R. 19 W.; at quarter cor. between secs. 4 and 32, center of rd. opposite fence line N., "UE Centerline 1171.0"		1170.9
2.0 BM TT 29 EV 1957; Rockwell, 0.75 mi. N. and 5.0 mi. E. from, in village of Cartersville, Ts. 94 and 95 N., R. 19 W.; 31 ft N., 333 ft W. and 1.6 ft lower than center of Co. Hwy. "J" at crossroads, at approx. cor. of secs. 3, 4, 33 and 34; 31 ft N. and 29 ft E. of center of rd. at street crossing; 5 ft S. and 167 ft E. of SE. cor. of Cartersville Store, in a concrete post; a standard tablet stamped "TT 29 EV 1957, 1180 ft" BM 1180.2 (reset description)		1178.969
2.0 Reference mark; 329 ft E. of tablet, 71 ft S., 15 ft W., center of rd. at crossroads, in center of the W. concrete headwall of culvert, a chiseled square "RM 1180.8"		1180.75
3.1 UE 29 A; 1.1 mi. E. of "TT 29 EV 1957", along gravel rd., Ts. 94 and 95 N., R. 19 W.; at approx. cor. of secs. 2, 3, 34 and 35; 29 ft S., 30 ft W. and 1.6 ft lower than center of rd. at crossroads, a nail spike 1m N. side of power pole, projecting 8 inches above ground; "UE 1153.6"		1153.59
3.6 UE 29 B; 1.5 mi. E. of "TT 29 EV 1957", along gravel rd., center of rd. opposite T-fence S., "UE Centerline 1144.3"		1144.2
4.1 BM TT 28 EV 1957; Rockford, 4.0 mi. S. and 5.0 mi. W. from, 2.0 mi. E. of Cartersville, 0.75 mi. N. and 7.0 mi. E. of Rockwell, 1.0 mi. W. of Cerro Gordo, Floyd County line, Ts. 94 and 95 N., R. 19 W.; 33 ft S., 313 ft W. and 1.9 ft higher than center of crossroads, at approx. cor. of secs. 1, 2, 35 and 36, 272 ft W. of cor. post of fence S. and W., and 1 ft N. of fence line, in a concrete post; a standard tablet stamped "TT 28 EV 1957, 1127 ft" "RM 1127.1"		1127.075
4.1 Reference mark; 352 ft E. of tablet, 32 ft S., 37 ft E. of center of rd., at crossroads, 3 ft W. of power pole, top of concrete right-of-way marker, projecting 1 ft above ground, a chiseled square, "RM 1122.8"		1122.72
4.4 UE 28 A; 0.3 mi. E. of "TT 28 EV 1957", along gravel rd., 11 ft S. and 2.3 ft higher than center of bridge over creek, in center of the S. concrete headwall, a chiseled square "UE 1102.3" (10.0 ft above water level)		1102.23
5.1 UE 28 B; 1.1 mi. E. of "TT 28 EV 1957", along gravel rd., Ts. 94 and 95 N., Rs. 18 and 19 W.; at cor. of secs. 1, 6, 31 and 36; 26 ft N., 21 ft W. and 1.4 ft lower than center of rd. at T-rd. N., on the W. end of a 24-in. concrete pipe culvert, a chiseled square, "UE 1111.5"		1111.44
4.6 UE 28 C; 1.5 mi. E. of "TT 28 EV 1957", along gravel rd., Ts. 94 and 95 N., R. 18 W.; at quarter cor. between secs. 6 and 31, center of rd. opposite T-fence S., "UE Centerline 1112.8"		1112.7
6.1 BM TT 27 EV 1957; Rockford, 4.0 mi. S. and 3.0 mi. W. from; 4.0 mi. E. from Cartersville, Ts. 94 and 95 N., R. 18 W.; 184 ft N., 32 ft E. and 0.12 ft higher than center of crossroads, at approx. cor. of secs. 5, 6, 31 and 32; 76 ft N. and 52 ft W. of NW. cor. of abandoned schoolhouse, 106 ft N. and 12 ft W. of center of 30-in. elm tree, 14 ft N. of cor. post of NW. corner of school yard, 2 ft N. and 1 ft E. of telephone pole, and 1 ft W. of fence line, in a concrete post; a standard tablet stamped "TT 27 EV 1957 1120 ft" "RM 1119.6"		1119.498
6.1 Reference mark; 124 ft SE. of tablet, 74 ft N., 92 ft E. of corner of rd. at crossroads, on the SW. cor. of concrete floor, at entrance to schoolhouse, a chiseled square, "RM 1119.5"		1119.49

<u>Line 7 Cont'd.</u>	<u>MASON CITY QUAD., 243</u>	<u>Feet</u>
6.7 UE 27 A; 0.6 mi N. of "TT 27 EV 1957", along gravel rd., T. 95 N., R. 18 W.; near quarter cor. between secs. 31 and 32, center of rd., opposite T-fence W., "UE Centerline 1101.4"		1101.3
7.1 UE 27 B; 1.0 mi N. of "TT 27 EV 1957", along gravel rd., T. 95 N., R. 18 W.; at cor. secs. 29, 30, 31 and 32, 12 ft S., 34 ft W. and 0.4 ft lower than center of crossroads, on the E. end of S. headwall of concrete box culvert, a chiseled square, "UE 1091.7"		1091.68
7.6 UE 27 C; 1.5 mi N. of "TT 27 EV 1957", along gravel rd., T. 95 N., R. 18 W.; at quarter cor. between secs. 29 and 30, center of rd. at crossroads, "UE Centerline 1076.3"		1076.2
8.1 UE 27 D; 2.0 mi N. of "TT 27 EV 1957", along gravel rd., T. 95 N., R. 18 W.; at cor. secs. 19, 20, 29 and 30, 32 ft S., 32 ft E. and 4.3 ft lower than center of rd. opposite cross fences, on the S. end of a 24-in. steel pipe culvert, a punched hole, "UE 1044.6"		1044.5
8.5 BM TT 26 EV 1957: Rockford, 1.5 mi S. and 3.0 mi W. from; 1.0 mi E. of Floyd, Cerro Gordo Co. line, T. 95 N., R. 18 W.; 114 ft S., 43 ft W. and 19.4 ft higher than center of rd. at fence line at approx. quarter cor. between secs. 19 and 20; 704 ft N. and 43 ft W. of center of rd. at private driveway E. to H. R. Fullerton farmhouse, 384 ft N. of corner post of T-fence W. at SE. cor. of L-shaped shelter belt, 3 ft S. and 1 ft E. of power pole, 1 ft E. of fence line, on shelf of land on N. slope of hill and about 60 ft S. of steep break to creek, in a concrete post, a standard tablet stamped "TT 26 EV 1957 1084 ft" "BM 1084.4"		1084.350
8.5 Reference mark; 312 ft S. of tablet, 9 ft S., 34 ft W., center of rd. at trail T-rd. W., on the S. end of a 20-in. steel pipe culvert; a punched hole, "RM"		1098.04
8.9 UE 26 A; 0.3 mi N. of "TT 26 EV 1957", along gravel rd., center of wooden bridge over creek, copper nail and washer "UE 1038.9" (6 ft above water level)		1038.8
9.6 UE 26 B; 1.0 mi N. of "TT 26 EV 1957", along gravel rd., T. 95 N., R. 18 W.; at quarter cor. between secs. 17 and 18; 51 ft S., 39 ft E. and 4 ft lower than center of rd. at T-rd. S., 11 ft S. and 1 ft W. of fence corner, top of a 2-in. iron pipe projecting 1 ft above ground, "UE 1062.6"		1062.58
10.1 "UE 26 C", 1.5 mi N. of "TT 26 EV 1957", along gravel rd., 24 ft S., 36 ft E. and 1.4 ft lower than center of rd., at T-rd. W., and fence line E., on the S. end of a 24-in. steel pipe culvert, a punched hole, "UE 1088.4"		1088.3
10.6 UE 26 D; 2.0 mi N. of "TT 26 EV 1957", along gravel rd., T. 95 N., R. 18 W.; at quarter cor. between secs. 7 and 8, center of rd. opposite cross fences "UE Centerline 1042.4"		1042.3
11.1 BM TT 25 EV 1957: Rockford, 1.0 mi N. and 3.0 mi W. from, 1.0 mi E. of Floyd, Cerro Gordo Co. line, 0.4 mi S. of Winnebago River and 0.3 mi W. of steel truss bridge over Winnebago River, T. 95 N., R. 18 W.; 33 ft S., 224 ft E. and 0.7 ft lower than center of rd. at T-rd. S., at approx. cor. of secs. 5, 6, 7 and 8; 2 ft S. and 4 ft E. of second power pole E. of T-rd. and 1 ft N. of fence line, in a concrete post, a standard tablet stamped "TT 25 EV 1957 1050 ft" "BM 1050.2"		1050.164
11.1 Reference mark; 188 ft W. of tablet, 31 ft S., 34 ft E. from center of rd. at T-rd. S., on the N. end of an 18-in. steel pipe culvert, a punched hole "RM 1047.3"		1047.27