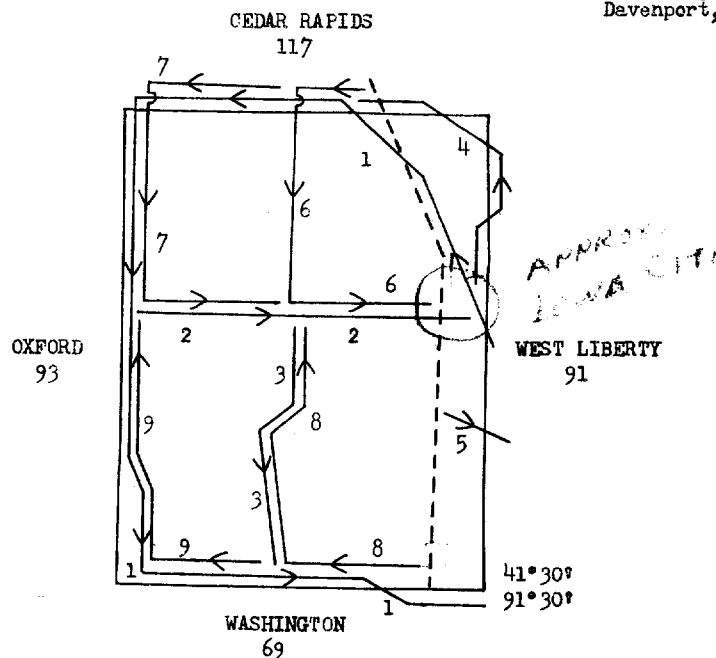


IOWA CITY QUADRANGLE
92 Iowa
N4130 W9130/15
Diagram NK 15-9
Davenport, Iowa Ill.

Edition of 12/2/64
PR: AH/jrm



No. 410914

FEET

NORTHWEST TO NORTH BORDER, EAST ALONG NORTH BORDER, SOUTH ALONG WEST BORDER, EAST ALONG SOUTH BORDER OF QUAD (W.R. Broadbuss, 1930, B-3701)

WEST LIBERTY QUAD. - 91

T. 79 N., Rs. 5 and 6 W., near quarter cor. secs. 19 and 24, 50 ft N. and 30 ft W. of RR. crossing; top of N. headwall of culvert under Rock Island RR.; chiseled square

666.60

IOWA CITY QUAD. - 92

T. 79 N., R. 6 W., 17.5 ft N. of quarter cor. between secs. 13 and 14, on N. side of U.S. Hwy. 32 at corporation limits of Iowa City, in concrete post set flush with ground; standard tablet stamped "TT 27 S 1929" Not found 9/64 R.D.S.

714.061

Iowa City, 30 ft N. of intersection of Muscatine Ave. and Court St., top of N. rail
of concrete culvert under intersection; chiseled square

671.32

Iowa City, Muscatine Ave., near junction of Court St., on W. abutment just N. of W. end of N. handrail of bridge over Ralston Creek; bronze tablet marked "UNIV. OF IOWA B.M." USGS elevation

668.821

Iowa City, at Washington and Lin Sts., at W. entrance to post office, on S. side of steps; top of horizontal stone wall; chiseled square

682.62

Iowa City, old stone capitol, on top of granite block at NW. cor. of steps at W. entrance; bronze tablet stamped "UNIV OF IOWA B.M." USC&GS elevation

698.371

Iowa City, 40 ft N., 20 ft E. of, intersection Dubuque and Church Sts., top of curb,
chiseled square

711.20

92 D

IOWA CITY QUADRANGLE
92 Iowa

<u>LINE 1.</u> Cont'd.	<u>IOWA CITY QUAD. - 92</u>	<u>FEET</u>
Iowa City, on Dubuque St., about 0.5 mi N. of business district, on N. end of E. abutment of City Park bridge over Iowa River; standard tablet stamped "UNIV OF IOWA B.M." USGS elevation		652.768
T. 80 N., R. 6 W., in NE. quarter sec. 33, on U.S. Hwy. 161 at crossing of Iowa River, top of downstream pier at S. end of bridge; in steel plate; chiseled square		662.30
T. 80 N., R. 6 W., SE $\frac{1}{4}$ sec. 28, 620 ft N. of residence of Dan Sedivac, 150 ft N. of filling station, 30 ft NE. of center U.S. 161, in concrete post; standard tablet stamped "TT 44 S 1929" Not found 9/64 R.D.S.		765.164
T. 80 N., R. 6 W., about 0.25 mi N. and 0.25 mi E. of cor. secs. 17, 18, 19 and 20, 50 ft N. and 50 ft E. of crossroads, in concrete post; standard tablet stamped "TT 45 S 1929" USC&GS elevation. Not found 9/64 F.D.R.		768.876
T. 80 N., R. 6 W., near quarter cor. between secs. 17 and 18, 0.5 mi SE. of North Liberty Post Office, 180 ft SE. of rd. junction, top of E. heading of concrete culvert under U.S. 161; chiseled square		765.52
	<u>CEDAR RAPIDS QUAD. - 117</u>	
T. 80 N., R. 7 W., center sec. 8, 20 ft N. and 30 ft W. of crossroads, in concrete post; standard tablet stamped "TT 47 S 1929" Not found 9/64 F.D.R.		784.930
T. 80 N., R. 8 W., 0.25 mi W. of quarter cor. between secs. 11 and 12, 20 ft W. of T-rd. E., in concrete post; standard tablet stamped "TT 48 S 1929" Not found 9/64 F.D.R.		795.58
	<u>IOWA CITY QUAD. - 92</u>	
T. 80 N., R. 8 W., 20 ft N. of bend in rd. at probable quarter cor. between secs. 23 and 26, concrete post; standard tablet stamped "TT 49 S 1929" Not found 9/64 F.D.R.		739.744
T. 79 N., R. 8 W., 33 ft S., 32 ft W. of crossroads at cor. secs. 11, 12, 13 and 14, in concrete post; standard tablet stamped "TT 34 S 1929" Destroyed 9/64 F.D.R.		821.035
T. 79 N., R. 8 W., 60 ft S. of quarter cor. between secs. 35 and 36, 35 ft S., 25 ft E. of crossroads, in concrete post; standard tablet stamped "TT 35 S 1929" Not found 1957 L.F.V.		700.789
T. 78 N., R. 8 W., 35 ft N., 20 ft E. of crossroads, at cor. secs. 11, 12, 13 and 14, in concrete post; standard tablet stamped "TT 36 S 1929" Not found 1957 L.F.V.		799.809
T. 78 N., R. 8 W., 60 ft S., 20 ft E. of crossroads, at cor. secs. 23, 24, 25 and 26, in concrete post; standard tablet stamped "TT 37 S 1929" Not found 10/64 F.D.R.		762.714
T. 78 N., R. 8 W., 20 ft S. of T-rd. N. at S. cor. secs. 35 and 36, on Johnson-Washington Co. line, in concrete post; standard tablet stamped "TT 38 S 1929" Not found 10/64 F.D.R.		752.720
Tps. 77 and 78 N., R. 7 and 8 W., cor. secs. 1, 6, 31, 36, 12 ft N., 20 ft W. of crossroads (Hwy. 1 crossing Johnson-Washington Co. line), top N. heading concrete culvert; chiseled square		760.18
T. 77 N., R. 7 W., 20 ft N., 40 ft W. of crossroads, at probable quarter cor. between secs. 1 and 2, in concrete post; standard tablet "TT 40 S 1929" Not found 1957 L.F.V.		685.321
T. 77 N., R. 6 W., about 750 ft N. of quarter cor. between secs. 5 and 6, 20 ft N., 30 ft E. of crossroads; standard tablet stamped "TT 41 S 1929" Lowered 3.416 ft by G.F. Tegges, WPA Asst. State Director, I.G.S. Des Moines, Iowa 10/9/39 Not found 1957 LFV		742.386
	<u>WASHINGTON QUAD. - 69</u>	
T. 77 N., R. 6 W., about 0.25 mi W. of center sec. 9, 6 ft N., 32 ft W. of T-rd. E., in concrete post; standard tablet stamped "TT 42 S 1929" To be reset - letter W.P. Rawn, Co. Engr., Washington Co., Washington, Iowa		654.940
Reference mark, 40 ft S., 30° E. of tablet, root N. side 14-in. elm; iron nail and washer		653.11

LINE 1. Cont'd.

WASHINGTON QUAD. - 69

FEET

T. 77 N., R. 6 W., NW $\frac{1}{4}$ sec. 11, about 0.5 mi W. of bridge over Iowa River, 170 ft NE. of RR. crossing, 23 ft N. of center rd., in concrete post; standard tablet stamped "TT 43 S 1929" 613.388

Reference mark, 34.1 ft S. 15° E. of tablet, on top of W. end S. heading concrete culvert; chiseled square 614.96

LINE 2.

EAST THRU CENTER OF QUAD (W.R. Broadus, 1930, B-3701)

IOWA CITY QUAD. - 92

T. 79 N., R. 7 W., 50 ft N., 20 ft W. of crossroads, at cor. secs. 8, 9, 16 and 17, in concrete post; standard tablet stamped "TT 33 S 1929" Not found R.D.S. 758.002

T. 79 N., R. 7 W., 47 ft S., 5 ft E. of T-rd. N., at cor. secs. 11, 12, 13 and 14, in concrete post; standard tablet stamped "TT 32 S 1929" 780.333

Reference mark, 7.5 ft S., 50° E. of tablet, in root on N. side of 20-in. elm; copper nail and washer 780.49

T. 79 N., R. 6 W., about 0.3 mi W. of cor. secs. 7, 8, 17 and 18, 20 ft S. of rd. at NE. cor. George F. Colt farmyard, top N. end low concrete wall used as base for fence; chiseled square 754.83

Iowa City, 20 ft S., 30 ft E. of intersection of Sunset Ave. and Koser St., between sidewalk, and curb, in concrete post; standard tablet stamped "TT 31 S 1929" 785.352

Reference mark, 45 ft N. of tablet, on sidewalk; chiseled square 784.98

Iowa City, 45 ft N. of center Melrose Ave., 155 ft E. of line of E. face of new University stadium (400 ft dist), concrete post; standard tablet stamped "UNIV OF IOWA B.M." USGS elevation Not found R.D.S. 9/64 729.745

Iowa City, on Burlington St. bridge over Iowa River, top W. end W. guardrail; chiseled square 660.86

Iowa City, on W. side of Iowa River, 70 ft below dam at Burlington St. bridge, on E. headwall of flume to University hydraulic lab; standard tablet stamped "WATER GAGE" Not found R.D.S. 9/64 641.218

LINE 3.

SOUTH TURN SOUTH PORTION OF QUAD (W.R. Broadus, 1936, B-3701)

IOWA CITY QUAD. - 92

T. 78 N., R. 7 W., cor. secs. 2, 3, 10 and 11, 20 ft N., 25 ft W. of crossroads, in concrete post; standard tablet stamped "B 2 1930" Not found 9/64 F.D.R. 754.325

T. 78 N., R. 7 W., cor. secs. 22, 23, 26 and 27, 35 ft N., 35 ft W. of crossroads, in concrete post; standard tablet stamped "B 3 1930" Not found 9/64 F.D.R. 709.891

LINE 4.

GENERALLY NORTH ALONG NORTH PORTION OF EAST BORDER (W.C. Ellledge, 1933, B-5063)

IOWA CITY QUAD. - 92

Iowa City, on N. Dodge St., on SE. cor. SE. base of water tank; chiseled square 772.38

Iowa City, 1300 ft NE. of city limits, on Iowa City Solon Co. rd (now State 261), 37 ft N. of center rd. directly in front of abandoned brick schoolhouse, in concrete post; standard tablet stamped "TT 26 S 1929" Not found 9/64 R.D.S. 795.501

IOWA CITY QUADRANGLE
92 Iowa

WEST LIBERTY QUAD. - 91

	<u>FEET</u>
T. 80 N., R. 6 W., in SW $\frac{1}{4}$ sec. 36, 550 ft NE. of T-rd. E., in N. end E. headwall of concrete culvert; chiseled square	691.90
T. 80 N., R. 6 W., NE $\frac{1}{4}$ sec. 36, 230 ft N. of intersection of rd. fork SE., on E. headwall of concrete culvert; chiseled square	680.92
T. 80 N., R. 6 W., about 0.25 mi W. of E. cor. secs. 25 and 36, 120 ft N. of intersection of rd. fork E., in SW. wingwall of steel bridge over Rapid Creek; chiseled square	686.25
T. 80 N., R. 6 W., about 0.25 mi W. of E. cor. secs. 24 and 25, 30 ft S. and 30 ft W. from crossroads, in concrete post; standard tablet stamped "TT 25 S 1929"	798.466
Reference mark, 140 ft SE. of tablet, in E. headwall of concrete culvert; chiseled square	797.49
T. 80 N., R. 5 W., SW $\frac{1}{4}$ sec. 19, 0.25 mi SW. along rd. from T-rd. E., on E. headwall of concrete culvert; top of bolt	813.63
T. 80 N., R. 5 W., about 0.25 mi E. from W. cor. sec. 18 and 19, 50 ft N. of T-rd. E., W. side of State 261, in root SE. side 36-in. elm; copper nail and washer	814.44
T. 80 N., R. 5 W., near center S $\frac{1}{2}$ sec. 18, W. headwall of concrete culvert; top of steel pin	825.26
T. 80 N., R. 5 W., near center sec. 18, 470 ft S. of T-rd. W., on W. side of State 261, in SE. root of 36-in. elm; copper nail and washer	849.58
T. 80 N., R. 6 W., near center sec. 13, 10 ft E. of S. end of church walk, in top of basswood stump; copper nail and washer	846.41

IOWA CITY QUAD. - 92

T. 80 N., R. 6 W., near cor. secs. 11, 12, 13 and 14, 3600 ft NW. along rd. from rd. fork near Newport Catholic Church, 7 ft S. and 25 ft W. from center rd. in line with fence W., at jog in fence, in concrete post; standard tablet stamped "TT 1 E 1933" (Cabaniss reported tablet gone in 1936)	831.905
Reference mark, 20 ft S., 80 ft E. from tablet, in top live locust stump; copper nail and washer	831.37
T. 80 N., R. 6 W., near center S $\frac{1}{2}$ sec. 11, on SE. steel pier of small steel bridge over Turkey Creek; chiseled square	719.70

CEDAR RAPIDS QUAD. - 117

T. 80 N., R. 6 W., 0.5 mi N. of SW. cor. sec. 11, 100 ft N. of T-rd. E., in SW. root of 24-in. red oak tree; copper nail and washer	826.51
T. 80 N., R. 6 W., near center NE $\frac{1}{4}$ sec. 10, 950 ft W. along rd. from rd. fork, on S. headwall of concrete culvert; at creek; chiseled square	768.00
T. 80 N., R. 6 W., near cor. secs. 3, 4, 9 and 10, on SW. wingwall of small steel bridge over Allen Creek; chiseled square	709.10
T. 80 N., R. 6 W., near quarter cor. secs. 4 and 9, in SE. cor. Newport No. 6 schoolyard, in S. root of 20-in. red oak tree (first tree W. of E. boundary of schoolyard), copper nail and washer	712.35
T. 80 N., R. 6 W., cor. secs. 4, 5, 8 and 9, 2 ft S., 46 ft E. from concrete archway in front of Will Stahle's farmhouse, 18 ft N. of and 3 ft E. from center rd., in line with fence N., in concrete post; standard tablet stamped "TT 2 E 1933"	735.786

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IOWA CITY QUADRANGLE
92 Iowa

LINE 4. Cont'd.

CEDAR RAPIDS QUAD. - 117

FEET

- Reference mark, 10 ft N. and 90 ft W. from tablet, in top of 24-in. oak stump;
copper nail and washer 735.65
- T. 80 N., R. 6 W., on line between secs. 5 and 8, on W. bank of Iowa River, in line
with rd. E., in top of 10-in. elm stump; copper nail and washer 659.21
- T. 80 N., R. 6 W., near center $N\frac{1}{2}$ sec. 8, 530 ft SW. along dim trail from site of old
house, about 500 ft along trail from fence line crossing top of ridge; in NW. root
of 8-in. oak tree; copper nail and washer 807.26

LINE 5.

EAST NEAR CENTER EAST BORDER (L.M. Tackett, 1963, CV-1600)

IOWA CITY QUAD. - 92

- O.0 Iowa City, 0.3 mi S. along U.S. 218 from intersection of State 1, near the NE.
cor. Iowa City Airport, at pavement station 9+70, at 2 x 2-ft concrete box culvert;
in top of W headwall, 18 ft W. of center of hwy., a reinforcing bar designated
"13" (I.H.C.) USG&S description and elevation 644.900
- O.5 UE 13 A, T. 79 N., R. 6 W., in SW. cor. sec. 15; chiseled square on top of island
in center of bridge over Iowa River; painted "UE 649.1" 649.13
- 1.8 UE 13 IHC B, T. 79 N., R. 6 W., near quarter cor. between secs. 14 and 23,
68 ft S., 21 ft W. and 2.2 ft lower than rd. between divided hwy., chiseled square
on W. end of concrete tile culvert; painted "UE 728.1" 728.13

WEST LIBERTY QUAD. - 91

- 2.8 UE 13 C, T. 79 N., R. 6 W., near quarter cor. between secs. 23 and 24; chiseled
square in center Hwy. 6 at E. end of island between divided hwy.; painted "UE
centerline 680.9" 680.93
- 3.6 Reference mark, 51 ft N. and 64 ft W. of T-rd. S.; chiseled square in center
of N. headwall of concrete culvert 663.08
- 3.6 Iowa City, 1.0 mi SE. of along Hwy. 6, T. 79 N., R. 6 and 5 W., at cor. secs.
19, 24, 25 and 30, 145 ft S., 39 ft E., 4.1 ft lower than T-rd. S., 3 ft E. of
power pole and 1.5 ft N. of fence, projecting 2 in. above ground; standard tablet
in top of concrete post stamped "667 1 LMT 1963" painted "RM 666.5" NOTE:
"TT 28 S 1929" which was near this location has been destroyed. 666.482

LINE 6.

SOUTH AND EAST IN NORTH PORTION OF QUAD (F.D. Ragan, 1964, CV-1764)

CEDAR RAPIDS QUAD. - 117

- 1 3 O.0 North Liberty, 0.5 mi NW. along U.S. Hwy. 218 from intersection of Main
Street at, 16 ft NE. of center hwy. at culvert, at N. edge. of town, in NE $\frac{1}{4}$ of
sec. 12, T. 80 N., R. 7 W., at pavement station 373+45; a reinforcing bar, USG&S
"I.H.C. BM 14" 772.594
- O.9 Reference mark, 74.2 ft NE. of tablet, 86.8 ft E. and 34.4 ft N. of center
T-rd. S., 20.8 ft SW. of entrance to Church of God, top of SW. cor. of concrete
block; chiseled square painted "RM 792.8" 792.82
- 4 O.9 North Liberty, about 1.0 mi W. of, T. 80 N., R. 7 W., at quarter corner
between secs. 11 and 12, 41 ft E., 24.8 ft S. and 0.9 ft lower than center T-rd.
S., 13.4 ft NE. of NW. fence corner, 9.1 ft N. of E.-W. right-of-way fence line,
in concrete post; projects 6 in.; standard tablet stamped "TT 46 S 1929 792"
painted "BM 791.9" 791.884

IOWA CITY QUADRANGLE
92 Iowa

LINE 6. Cont'd.

CEDAR RAPIDS QUAD. - 117

FEET

- 1 5 1.8 UE 46-A, 0.98 mi W. along Co. Hwy. "H" from tablet, T. 80 N., R. 7 W., at quarter corner between secs. 10 and 11, 20.2 ft S., 13.6 ft W. and 0.8 ft lower than center E.-W. rd., at private drive S. to White Larew Farm, in top of W. end of 15-in. circular metal culvert; punched hole painted "UE 784.9" 784.9
- 6 2.9 UE 46-B, 2.06 mi W. along Co. "H" from tablet, T. 80 N., R. 7 W., at quarter corner between secs. 9 and 10, 179.3 ft N. and 6.3 ft lower than center crossroads, 17 ft W. and 2.2 ft lower than center N.-S. rd. at culvert; in top of W. end of a 48-in. circular metal culvert; punched hole painted "UE 768.01" 767.96

IOWA CITY QUAD. - 92

- 7 4.1 Reference mark, 750 ft W. of tablet, 52 ft E., 17.7 ft N. and 1.0 ft lower than T-rd. N. at fence line S., in top of N. end of 18-in. circular metal culvert; punched hole painted "RM 756.8" 756.79
- 8 4.1 Tiffin, about 2.1 mi (airline) NNE. of, about 3.0 mi SW. of North Liberty, T. 80 N., R. 7 W., about 810 ft E. of quarter corner between secs. 15 and 16, about 810 ft E. of T-rd. W., 11.2 ft S. and 0.3 ft higher than center E.-W. rd., at 2 x 4-ft concrete box culvert; in center of S. concrete culvert headwall; standard tablet stamped "25 FDR 1964 762" painted "EM 761.6" 761.649
- 9 4.9 T-rd. S. 779.2
- 9 4.9 UE 25-A, 0.36 mi E. and 0.45 mi S. along gravel rds. from tablet, T. 80 N., R. 7 W., at quarter corner between secs. 15 and 22, 23 ft N., 30 ft W. and 2.9 ft lower than center N.-S. rd. at wooden bridge, 0.7 ft above ground; in NW. side of 12-in. cottonwood tree, body of RR. spike painted "UE 749.8" 749.75
- 11 5.5 UE 25-B, 0.36 mi E. and 1.0 mi S. along gravel rds. from tablet, T. 80 N., R. 7 W., at center sec. 22, 33.8 ft E., 32 ft S. and 1.0 ft lower than center T-rd. E., 0.3 ft above ground, in N. side of telephone pole; head of RR. spike painted "UE 797.7" 797.65
- 13 6.6 Reference mark, 87.4 ft NE. of tablet, 22 ft E. and 33.9 ft N. of center crossroads, in center of concrete headwall of 2 x 4-ft box culvert; top of bolt head; stamped "I.H.C. BM" painted "RM 684.4" USC&GS elevation 684.37
- 14 6.6 Tiffin, 0.8 mi E. along U.S. 6 from post office at, T. 80 N., R. 7 W., near center of S₂ of sec. 27, 33.4 ft W., 34.2 ft S. and 2.8 ft lower than center crossroads (U.S. 6 and Co. F-19), in center of SW. concrete headwall of 2 x 4-ft box culvert; standard tablet stamped "26 FDR 1964 682" painted "EM 682.2" 682.155
- 16 7.5 UE 26-A, 0.8 mi S. along gravel rd. from tablet, T. 80 N., R. 7 W., near center sec. 34, 314.1 ft W. of center T-rd. W., 103 ft S., 13 ft E. and 0.8 ft lower than center concrete overpass over Interstate Hwy. 80, in S. end of E. concrete overpass bridge curb; chiseled square painted "UE 788.8" 788.76
- 17 8.2 UE 26-B, 0.9 mi S., 0.5 mi E. and 0.1 mi S. along gravel rd. from tablet, T. 80 N., R. 7 W., near S. eighth cor. between secs. 34 and 35, 630 ft S. of center T-rd. S., 20 ft W. and 0.7 ft lower than center N.-S. rd. at 5 x 5-ft concrete box culvert; in center of W. concrete culvert headwall; chiseled square painted "UE 726.9" 726.88
- 20 9.3 Coralville, 1.6 mi W. and 1.0 mi S. of junction U.S. Hwys. 6 and 218 which is about 2.0 mi NW. of, T. 79 N., R. 7 W., in SW₄ sec. 2, about 800 ft N. of T-rd. W., about 500 ft S. of T-rd. E., 12.3 ft E. and 1.4 ft higher than center N.-S. rd. at culvert; in center of E. concrete headwall of a 4 x 5.4-ft box culvert; standard tablet stamped "27 FDR 1964 739" painted "EM 739.1" 739.083
- 21 9.3 Reference mark, 363.5 ft S. of tablet, 14 ft W. and 1.7 ft lower than center N.-S. rd. at culvert; in center of W. concrete headwall of 4 x 4-ft culvert; chiseled square painted "RM 739.6" 739.58

LINE 6. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 1 23 10.5 UE 27-A, 1.1 mi S. along gravel rd. from tablet, T. 79 N., R. 7 W., at cor. secs. 10, 11, 14 and 15, 31 ft S., 23.5 ft W. and 5.7 ft lower than center cross-roads, (Co. Rds. 20 and 64), in W. end of 24-in. circular metal culvert; punched hole painted "UE 756" 756.08
- 25 11.3 UE 27-B, 1.9 mi S. along gravel and dirt rds from tablet, T. 79 N., R. 7 W., in SW $\frac{1}{4}$ sec. 14, 14.2 ft E. and 0.1 ft lower than center N.-S. rd. at culvert; in top of E. end of 66-in. circular metal culvert; punched hole painted "UE 707.6" 707.5
- 27 12.5 Iowa City, 5.0 mi W. and 1.4 mi S. of junction of U.S. Hwys. 6 and 218 and State Hwy. 1, in southern portion of, T. 79 N., R. 7 W., at cor. secs. 22, 23, 26 and 27, about 300 ft W. of T-rd. N., 22.3 ft N. and 4.9 ft lower than center E.-W. rd. at 4.4 x 5.8-ft concrete box culvert, in W. end of N. concrete culvert headwall; standard tablet stamped "28 FDR 1964 716" painted "BM 715.2" 715.691
- 28 12.5 Reference mark, 68 ft NW. of tablet, 52 ft W. and 64.9 ft N. of center E.-W. rd. at culvert, 5 ft W. of W. bank of small drain, 1.0 ft above ground; in SW. side of forked 18-in. elm tree; head of RR. spike painted "RM 716.5" 716.45
- 31 13.5 UE 28-A, 0.9 mi NE. along blacktop rd. from tablet, T. 79 N., R. 7 W., in SE $\frac{1}{4}$ sec. 23, 11 ft SW., 18 ft NW. and 0.4 ft lower than center NE.-SW. rd. at 9.5 by 25-ft concrete box culvert; in top of SW. end of NW. concrete culvert headwall; chiseled square painted "RM 679.0" 678.99
- 32 14.4 UE 28-B, 1.8 mi NE. along blacktop rd. from tablet, T. 79 N., R. 7 W., near center NE $\frac{1}{4}$ sec. 24, 87.1 ft NE., 17 ft NW. and 3.4 ft lower than crossroads, in top of NW. end of 24-in. circular metal culvert; punched hole painted "UE 765.4" 765.37
- 33 14.9 UE 28-C, 2.3 mi NE. along blacktop rd. from tablet, T. 79 N., R. 6 W., in SW. cor. of SW $\frac{1}{4}$ sec. 18, 38 ft SE. and 2.9 ft lower than center T-rd. S., in E. end of 18-in. circular metal culvert; punched hole painted "UE 771.5" 771.4
- 34 15.6 US&GS Reference Mark 3 "AVIATION NO. 2 1930", Iowa City, 3.0 mi W. and 1.0 mi S. of junction U.S. Hwys. 6 and 218 and St. Hwy. 1, in southern portion of, T. 79 N., R. 7 W., in SE $\frac{1}{4}$ sec. 24, 0.55 mi N. of St. 1, about 500 ft N. of N. side of grove of trees, on E. side of rd., 38.9 ft S., 33.6 ft W. and 0.1 ft lower than center N.-S. blacktop rd. at field entrance E., 1.4 ft W. of N.-S. right-of-way fence line, in concrete post projecting 6 in.; standard US&GS RM disk stamped and painted "RM 2 786.7" 786.653
- 36 17.6 UE AVIATION-A, 0.7 mi N. and 1.2 mi NE. along blacktop rds. from RM "Aviation No. 2 1930", T. 79 N., R. 6 W., in SW $\frac{1}{4}$ sec. 17, about 450 ft W. of T-rd. W., 18 ft S. and 3.7 ft lower than center E.-W. blacktop rd. at culvert; in top of S. end of a 30-in. circular metal culvert; punched hole painted "UE 713.6" 713.5
- 38 18.7 UE AVIATION-B, Iowa City, about 1.0 mi W. of junction of U.S. Hwys. 6 and 218 and State Hwy. 1 at, at University Heights, T. 79 N., R. 6 W., at quarter corner between secs. 16 and 17, 28 ft E., 23.6 ft S. and 1.4 ft lower than center T-street N. (Benton and Sunset Sts.), 8.8 ft N. of E.-W. fence on N. side of transformer station, 4.2 ft NE. of power line pole, in NW. cor. of W. end of sidewalk; chiseled square painted "UE 754.2" 754.18
- 41 20.1 Iowa City, about 0.3 mi S. along U.S. Hwy. 218 from intersection of State 1 at, near NE. cor. of Iowa City Airport, at pavement station 9+70, at 2 x 2-ft concrete box culvert; in top of W. headwall, 18 ft W. of center of highway. A reinforcing bar. Recovered in good condition 9/64. US&GS I.H.C. "BM 13" 644.900

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IOWA CITY QUADRANGLE
92 Iowa

LINE 7.

FEET

WEST ALONG WEST PORTION OF NORTH BORDER (F.D. Ragan, 1964, Book CV-1764)
THENCE SOUTH AND EAST

CEDAR RAPIDS QUAD. - 117

- 1 43 0.0 "UE 46 B" (Described in Line 6.) 767.96
- 43 0.5 UE 46-C, 2.6 mi E. along Co. Rd. "H" from "TT 46 S 1929", T. 79 N., R. 7 W., near center sec. 9, 7.9 ft W., 11.3 ft N. and 0.7 ft lower than center E.-W. rd. at small concrete bridge, in top of N. end of W. concrete bridge headwall; chiseled square painted "UE 746.3" 746.32
- 44 1.5 North Liberty, 4.0 mi W. and 0.2 mi N. of post office at, T. 80 N., R. 7 W., at center sec. 8, 161.5 ft E. and 4.0 ft lower than center crossroads, 18 ft N. and 2.3 ft higher than center E.-W. rd. at concrete culvert; in center of N. concrete headwall of a 6-ft circular metal culvert; standard tablet stamped "29 FDR 1964 784" painted "BM 783.9" 783.884
- 45 1.9 Reference mark, 281.5 ft NW. of tablet, 239 ft N. of center crossroads, 11 ft W. and 0.6 ft higher than center N.-S. rd. at concrete culvert; in the center of the W. concrete culvert; headwall chiseled square painted "RM 780.7" 788.23
- 46 2.2 UE 29-A, 0.6 mi W. along Co. Hwy. "H" from tablet, T. 80 N., R. 7 W., near quarter cor. between secs. 7 and 8, 19 ft N. and 3.2 ft lower than center E.-W. rd. at 42-in. circular metal culvert; in top of the N. end of culvert; punched hole painted "UE 780.8" 780.8
- 47 3.2 UE 29-B, 1.6 mi W. along Co. "H" from tablet, T. 80 N., R. 8 W., in SE. cor. of NE $\frac{1}{4}$ sec. 12, 58 ft W., 34.5 ft N. and 1.9 ft higher than center crossroads, in top of concrete fence post; chiseled square painted "UE 768.2" 768.23
- 48 4.4 Reference mark, 65.7 ft NNE. of tablet, 3.5 ft SSE. of 7-in. wild cherry tree; 4.3 ft above ground, in top of concrete fence post; chiseled square painted "RM 803.5" 803.53
- 49 4.4 North Liberty, 7.3 mi W. and 0.2 mi N. of post office at, T. 80 N., R. 8 W., near center E $\frac{1}{2}$ sec. 11, 136 ft E., 35.3 ft S. and 4.7 ft higher than center old T-rd. E., 114 ft SE. of SE. cor. of abandoned schoolhouse, 21 ft W. of power line pole, 1.8 ft N. of E.-W. fence line, in concrete post projecting 3 in.; standard tablet stamped "30 FDR 1964 801" painted "BM 801.3" 801.224

IOWA CITY QUAD. - 92

- 50 5.2 UE 30-A, 0.76 mi S. along gravel rd. from tablet, T. 80 N., R. 8 W., in NE $\frac{1}{4}$ sec. 14, 35.5 ft W., 19 ft S. and 1.5 ft lower than center T-rd. W., 0.1 ft above ground; in W. side of power line pole; head of RR. spike painted "UE 849.3" 849.27
- 51 5.9 UE 30-B, 1.5 mi S. along gravel rd. from tablet, T. 80 N., R. 8 W., near E. eighth cor. between secs. 14 and 23, 39 ft N., 37 ft W. and 0.2 ft higher than center N.-S. rd. at private drive W. to Mrs. Elmer Kutcher farmhouse, in NW. side of power line pole and level with ground; head of RR. spike painted "UE 828.2" 828.18
- 52 6.6 UE 30-C, 2.2 mi S. along gravel rd. from tablet, T. 80 N., R. 8 W., in SE $\frac{1}{4}$ sec. 23, 67.8 ft NW. of T-rd. S., 51 ft NE. and 0.8 ft lower than center T-rd. N., 24.3 ft N. of center U.S. Hwy. 6 at 4.5 x 8.5-ft concrete box culvert headwall; I.N.C. BM painted "UE 722.8" Elevation by USGS 722.85
- 53 7.2 Reference mark, 135.3 ft E. of tablet, 70 ft E. and 25.3 ft S. of center rd. at right-angle curve, 2.3 ft N. of E.-W. right-of-way fence line, 0.4 ft above ground; in W. side of 5-in. elm tree; head of rail spike painted "RM 739.4" 739.44

LINE 7. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 1 54 7.2 Oxford, 2.3 mi E. and 0.5 mi S. of, T. 80 N., R. 8 W., at quarter cor. between secs. 23 and 26, 64.6 ft WSW. and 0.4 ft higher than center rd. at right-angle curve, 29 ft S. of E.-W. trail leading into woods to small dump, 12 ft N. of 20-in. elm tree, 10.4 ft S. of 24-in. white oak tree, in concrete post; projects 4 in.; standard tablet stamped "31 RDS 1964 739" painted "BM 739.3" 739.277
- 56 8.3 UE 31-A, 1.06 mi generally SW. along dirt rd. from tablet, T. 80 N., R. 8 W., at quarter cor. between secs. 26 and 27, about 320 ft S. of T-rd. W., 12 ft NW. and 0.7 ft higher than center N.-S. rd. at culvert; in center of W. concrete headwall of 4 x 10-ft box culvert; chiseled square painted "UE 734.5" 734.50
- 57 9.0 UE 31-B, about 1.0 mi (airline) S. of tablet, T. 80 N., R. 8 W., about 1200 ft W. of quarter cor. between secs. 26 and 35, 224 ft N. of T-rd. E., 17 ft E. and 2.4 ft lower than center T-rd. E., in top of E. end of 24-in. circular metal culvert; punched hole painted "UE 796.6" 796.6
- 58 9.8 Oxford, 2.2 mi S. and 1.7 mi E. of, T. 80 N., R. 8 W., near S. eighth cor. between secs. 34 and 35, about 900 ft S. of T-rd. W., 112.7 ft N., 16 ft W. and 0.5 ft higher than center concrete overpass over Interstate Hwy. 80, in W. end of N. concrete overpass abutment; standard tablet stamped "32 FDR 1964 843" painted "BM 843.3" 843.350
- 59 9.8 Reference mark, 222.5 ft S. of tablet, 112.7 ft S. and 16 ft E. of center concrete overpass over Interstate Hwy. 80, in E. end of S. concrete overpass abutment; standard I.H.C. BM painted "RM 843.3" 843.31
- 61 11.1 UE 32-A, 0.3 mi S. and 1.0 mi E. along gravel rds. from tablet, T. 80 N., R. 8 W., in SE. cor. SE $\frac{1}{4}$ sec. 35, 42 ft E., 29 ft N. and 3.3 ft lower than center T-rd. S., 0.2 ft above ground; in SW. side of power line pole; head of RR. spike painted "UE 780.6" 780.64
- 63 12.1 UE 32-B, 0.3 mi S., 1.0 mi E. and 1.0 mi S. along gravel rds. from tablet, T. 79 N., R. 8 W., at cor. secs. 1, 2, 11 and 12, 17.4 ft N., 15 ft E. and 0.7 ft lower than center crossroads, in top of W. end of the N. concrete culvert headwall; chiseled square painted "UE 786.6" 786.62
- 65 13.1 Tiffin, 3.5 mi W. and 3.4 mi S. of post office at, T. 79 N., R. 8 W., in SW. cor. of SW $\frac{1}{4}$ of sec. 12, 146.4 ft N., 99 ft E. and 1.4 ft higher than center crossroads, 6.2 ft N of NW. cor. of small white building, in W. side of 3.9-ft triangular concrete foundation of telephone relay tower; standard tablet stamped "33 FDR 1964 820" painted "BM 820.3" 820.301
- 66 13.1 Reference mark, 135 ft SW. of tablet, 27 ft E. and 24 ft N. of crossroads, in top of W. end of 18-in. circular metal culvert; punched hole painted "RM 816.2" 816.18
- 68 14.2 UE 33-A, 1.1 mi S. along blacktop rd. from tablet, T. 79 N., R. 8 W., in NW $\frac{1}{4}$ sec. 24, 41 ft S., 31.5 ft E. and 0.9 ft higher than center T-rd. E. at Cosgrove, 1.8 ft W. of fence on W. side of church yard, in E. edge of concrete sidewalk; square (chiseled) painted "UE 804.6" 804.66
- 69 15.3 UE 33-B, 2.1 mi S. along blacktop rd. from tablet, T. 79 N., R. 8 W., 0.1 mi S. of cor. secs. 23, 24, 25 and 26, about 500 ft S. of crossroads, 51 ft N., 11.6 ft W. and 0.6 ft higher than center N.-S. rd. at concrete bridge over creek, in top of N. end of W. concrete curb; chiseled square painted "UE 692.3" 692.28
- 70 16.0 UE 33-C, 2.0 mi S. and 0.6 mi E. along blacktop rd. from tablet, T. 79 N., R. 8 W., about 500 ft E. of quarter cor. between secs. 24 and 25, 14.5 ft N. and 2.6 ft lower than center E.-W. rd. at culvert; in center of N. concrete headwall of twin 24-in. circular metal culverts; chiseled square painted "UE 717.2" 717.19

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IOWA CITY QUADRANGLE
92 Iowa

LINE 7. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 1 72 16.8 Tiffin, 5.4 mi S. and 2.1 mi W. of post office at T, 79 N., R. 7 W., near quarter cor. between secs. 19 and 30, 0.35 mi W. of T-rd. S., 0.15 mi E. of center T-rd. N., 21 ft N. and 0.1 ft higher than center E.-W. blacktop rd. at culvert; in the center of the N. concrete headwall of a 6 x 12-ft box culvert; standard tablet stamped "34 FDR 1964 697" painted "BM 696.6" 696.608
- 73 16.8 Reference mark, 108.7 ft ESE. of tablet, 24 ft S. and 9.0 ft E. of center E.-W. blacktop rd. at field entrance S., in top of E. end of 30-in. circular metal culvert; punched hole painted "RM 694.8" 694.85
- 74 17.9 UE 34-A, 1.1 mi E. along blacktop rd. from tablet, T. 79 N., R. 7 W., at quarter cor. between secs. 20 and 29, 23 ft N., 17.5 ft W. and 0.2 ft lower than center crossroads, in top of W. end of 18-in. circular culvert; punched hole painted "UE 782.0" 782.0
- 75 18.4 UE 34-B, 1.6 mi E. along blacktop rd. from tablet, T. 79 N., R. 7 W., at cor. secs. 20, 21, 28 and 29, 60.7 ft W., 21.2 ft N., 6.6 ft lower than center T-rd. N., in top of N. end of 18-in. circular metal culvert; painted "UE 745.3" 745.3
- 77 19.4 UE 34-C, 2.6 mi E. along blacktop rd. from tablet, T. 79 N., R. 7 W., at cor. sec. 21, 22, 27 and 28, 30.8 ft W., 17 ft N. and 1.3 ft lower than center T-rd. N., in top of W. end of 36-in. circular metal culvert; punched hole painted "UE 689.1" 689.1
- 78 20.4 "28 FDR 1964 716" (Described in Line 6.) 715.691

LINE 8.

WEST ALONG EAST PORTION OF SOUTH BORDER (F.D. Ragan, 1964, CV-1764)
THENCE NORTH

IOWA CITY QUAD. - 92

- 2 3 0.0 Hills, about 2.5 mi S. along U.S. 218 from the junction of Co. Rd. "G" at, about 0.5 mi N. of the Washington-Johnson county line, at pavement station 1343+29, at an 18-in. tile culvert, in center of top of E. headwall, 22 ft E. of center of hwy. A bolt USC&GS "I.H.C. 7" Recovered in good condition 9/64. USC&GS first-order leveling. 713.942
- 3 0.4 UE 7-A, 0.45 mi S. along U.S. 218 from tablet, T. 78 N., R. 6 W., in SE $\frac{1}{4}$ sec. 33, 105.5 ft S., 43.7 ft W. and 0.8 ft lower than center T-rd. SW., 0.3 ft above ground; in N. side of transmission line pole; head of a RR. spike painted "UE 745.7" 745.73
- 4 1.6 UE 7-B, 0.45 mi S. along U.S. 218 and 1.2 mi SW. along gravel rd. from I.H.C. BM 7, T. 77 N., R. 6 W., at quarter cor. between secs. 4 and 5, 48 ft NE., 40 ft NW. and 1.0 ft lower than center T-rd. N., 5 ft SW. of fence line, 0.1 ft above ground; in SW. side of telephone pole; head of RR. spike painted "UE 748.0" 748.01
- 5 2.7 UE 7-C, about 2.2 mi (airline), SW. of tablet, T. 77 N., R. 6 W., about 1000 ft N. of quarter corner between secs. 5 and 6, 29.9 ft W., 17 ft N. and 3.4 ft lower than center crossroads, in N. end of 18-in. concrete circular culvert; chiseled square painted "UE 742.6" 742.55
- 6 3.3 Reference mark, 319 ft N. of tablet, 24.5 ft E. of center N.-S. rd., 0.8 ft above ground, in S. side of 32-in. elm tree; head of RR. spike painted "RM 762.0" 761.97
- 7 3.3 Riverside, 1.8 mi N. and 0.5 mi W. of crossroads (St. 22 and Co. "R") at, T. 77 N., R. 6 W., near center sec. 6, 52.6 ft SE. and 0.6 ft lower than center rd. at bend (S. half of S-curve), 30 ft S. of telephone pole, 29 ft ENE. of E. end of iron gate; 11.2 ft S. of 5-in. elm tree, 10.5 ft N. of fence corner, 1.7 ft W. of N.-S. right-of-way fence line, in concrete post; projects 2 in.; standard tablet stamped "35 FDR 1964 762" painted "BM 762.4" 762.387

<u>LINE 8.</u>	<u>Cont'd.</u>	<u>IOWA CITY QUAD. - 92</u>	<u>FEET</u>
2 8	4.3 UE 35-A, 1.0 mi W. along gravel rd. from tablet, T. 77 N., R. 7 W., at center of sec. 1, 28 ft W., 29.5 ft N. and 0.5 ft lower than center crossroads, 0.2 ft above ground; in S. side of power line pole; head of RR. spike painted "UE 766.8"		766.76
9	4.8 UE 35-B, 1.4 mi W. along gravel rd. from tablet, T. 77 N., R. 7 W., near quarter cor. between secs. 1 and 2, 185.2 ft E. of center T-rd. S., 6 ft W., 9.6 ft N. and level with center E.-W. rd. at bridge with concrete floor, in NW. cor. of concrete bridge floor; chiseled square painted "UE 689.5"		689.48
10	5.6 UE 35-C, 2.2 mi W. along gravel rd. from tablet, T. 77 N., R. 7 W., near NW $\frac{1}{4}$ sec. 2, 138 ft E., 23 ft S., 1.6 ft lower than center E.-W. rd. at wooden bridge, in N. side of power pole and level with ground; head of RR. spike painted "UE 663.3"		663.27
11	6.5 Reference mark, 344 ft SW. of tablet, 347.5 ft SW., 47.5 ft SE. of center NE.-SW. rd. at concrete bridge over creek, 15.8 ft SE. of NE.-SW. right-of-way fence, 0.7 ft above ground; W. side 36-in. red oak tree, in head of RR. spike painted "RM 691.9"		691.84
12	6.5 Kalona, 3.3 mi E. and 1.4 mi N. of junction St. Hwys. 1 and 22 at, T. 77 N., R. 7 W., in NW $\frac{1}{4}$ sec. 3, about 850 ft NE. of T-rd. E., 11.8 ft SW., 10.6 ft NW. and 0.8 ft higher than center NE.-SW. rd. at concrete bridge over creek; in top of the SW. end of NW. concrete bridge curb; standard tablet stamped "36 FDR 1964 688" painted "RM 688.3"		688.273
13	7.3 UE 36-A, 0.66 mi NE. along gravel rd. from tablet, T. 78 N., R. 7 W., in SE. quarter sec. 34, 20.8 ft SW., 11.8 ft NW., 2.3 ft lower than center Trd. E. leading to David Miller farm, in top of NE. end of NW. concrete culvert; headwall; chiseled square painted "UE 713.2"		713.21
14	8.1 UE 36-B, 1.5 mi NE. along gravel rd. from tablet, T. 78 N., R. 7 W., at cor. secs. 26, 27 34 and 35, 23 ft W., 26.7 ft N. and 2.8 ft lower than center T-rd. W., in top of N. end of 36-in. circular metal culvert; punched hole painted "UE 715.6"		715.6
16	9.1 UE 36-C, 2.5 mi NE. along gravel rd. from tablet, T. 78 N., R. 7 W., near cor. sec. 22, 23, 26 and 27, 202 ft N., 48.8 ft W. and 18.3 ft higher than center T-rd. N. at offset crossroads, 9.5 ft E. of main E. entrance to Sharon Methodist Church, in SE. cor. of concrete church entrance platform; chiseled square painted "UE 726.6"		726.59
18	9.9 Kalona, 4.5 mi N. and 4.0 mi E. of junction of St. Hwys. 1 and 22 at, T. 78 N., R. 7 W., about 1200 ft S. of cor. secs. 14, 15, 22 and 23, 10.2 ft E. and 0.6 ft lower than center N.-S. rd. at 4 x 4-ft concrete box culvert; in center of E. concrete culvert headwall; standard tablet stamped "37 FDR 1964 721" painted "RM 721.0"		720.994
19	9.9 Reference mark, 32.8 ft E. of tablet, 43.9 ft E. and 4.8 ft lower than center N.-S. rd. at concrete box culvert, 12.1 ft E. of N.-S. right-of-way fence line, 2.0 ft above ground; in WNW. side of most southern fork of 36-in. forked willow tree, head of RR. spike painted "RM 716.8"		716.81
21	11.1 UE 37-A, 1.2 mi N. along rd. from tablet, T. 78 N., R. 7 W., at cor. secs. 10, 11, 14 and 15, 189.3 ft S., 24 ft W. and 14.3 ft lower than center T-rd. W., in line with fence line E., in top of S. end of 15-in. circular metal culvert; punched hole painted "UE 703.0"		703.0
23	12.1 UE 37-B, 2.3 mi N. along rds. from tablet, T. 78 N., R. 7 W., at cor. secs. 2, 3, 10 and 11, 44.5 ft W., 14.6 ft S. and 3.2 ft lower than center crossroads, in top of S. end of 18-in. circular metal culvert; punched hole painted "UE 753.8"		753.8
24	12.8 Iowa City, 5.0 mi W. and 3.7 mi S. of junction U.S. Hwys. 6 and 218 and State Hwy. 1 at S. edge of, about 2.0 mi NE. of Sharon Center, T. 78 N., R. 7 W., in NE $\frac{1}{4}$ sec. 3, 170 ft SW., 32 ft SE. and 3.9 ft lower than center crossroads, 27.5 ft NE. of telephone pole, 0.5 ft NW. of NE.-SW. right-of-way fence line, in concrete post projecting 4 in.; standard tablet stamped "38 FDR 1964 720" painted "RM 720"		720.122

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IOWA CITY QUADRANGLE
92 Iowa

LINE 8. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 2 25 12.8 Reference mark, 395 ft NE. of tablet, 225 ft NE. of center crossroads, 25 ft SE. and 6.3 ft lower than center NE.-SW. blacktop rd. at concrete box culvert; in top of SW. end of SE. concrete culvert headwall; chiseled square painted "RM 718.1" 718.27
- 27 13.8 UE 38-A, 1.0 mi NE. along blacktop rd. from tablet, T. 78 N., R. 7 W., in NE. quarter sec. 2, 13.9 ft SW., 25.9 ft SE. and 1.8 ft lower than center T-rd. E., in top of SW. end of 24-in. circular metal culvert; punched hole painted "UE 662.9" 663.0
- 28 15.0 Iowa City, 3.4 mi W. and 2.4 mi S. of junction U.S. Hwys. 6 and 218 and St. Hwy. 1 at, S. edge of, T. 79 N., R. 7 W., near quarter cor. between secs. 25 and 26, 36.2 ft SW., 34 ft NW. and 1.7 ft lower than center T-rd. E., 10.6 ft SW. of NE. cor. Welsh Cemetery, 3.7 ft SE. of NE.-SW. fence line, in S. side of drive leading into cemetery, in concrete post set flush; standard tablet stamped "B 1 1930 731" painted "RM 731.5" 731.499
- 29 15.0 Reference mark, 11.3 ft NE. of tablet, 7.4 ft NE. of center drive at entrance to Welsh Cemetery, 0.9 ft E. of NE. cor. post of cemetery in top of retaining wall; chiseled square not painted 730.31
- 30 15.9 UE B 1-A, 0.9 mi NE. along blacktop rd. from tablet, T. 79 N., R. 7 W., in NE $\frac{1}{4}$ sec. 25, 19.4 ft W., 58.1 ft N. and 2.6 ft higher than center T-rd. SW. (St. 1 and blacktop rd.), 0.9 ft above ground; in SSW. side of power line pole; head of RR. spike painted "UE 782.21" 782.2
- 31 16.3 Iowa City, 3.0 mi W. and 1.3 mi S. of junction U.S. Hwys. 6 and 218 and St. Hwy. 1, in southern portion of, T. 79 N., R. 7 W., in SE $\frac{1}{4}$ sec. 24, about 0.3 mi N. along blacktop rd. from junction of State 1, 0.25 mi S. of R.M. 2, 111 ft N. and 32.4 ft W. of center N.-S. rd. at fence line W., 0.7 ft E. of N.-S. right-of-way fence line, in concrete post projecting 8 in. and leaning slightly to the SE.; standard USCGS R.M. disk stamped "AVIATION NO 1 1930" painted "RM 782.9" 782.925
- 32 16.6 AVIATION NO.2 1930 Reference mark (Described in Line 6.) 786.653

LINE 9.

WEST ALONG WEST PORTION OF SOUTH BORDER (F.D. Ragan, 1964, CV-1764)
THENCE NORTH

IOWA CITY QUAD. - 92

- 34 0.0 " 36 FDR 1964 688" (Described in Line 6.) 688.273
- 34 0.9 UE 36-D, about 0.4 mi (airline) SW. of tablet, T. 77 N., R. 7 W., near quarter cor. between secs. 3 and 4, about 300 ft S. of T-rd. W., 20 ft W. and 2.8 ft lower than center N.-S. rd. at culvert; in top of W. end of 48-in. circular metal culvert; punched hole painted "UE 717.7" 717.7
- 36 2.3 Kalona, 1.6 mi E. and 1.3 mi N. of junction of St. Hwys. 1 and 22 at, T. 77 N., R. 7 W., near center sec. 5, 35.2 ft N., 29.5 ft W. and 1.3 ft lower than center crossroads, 5.8 ft W. of telephone pole, 4.4 ft NNE. of fence corner, 2.5 ft E. of N.-S. right-of-way fence line, in concrete post projecting 7 in.; standard tablet stamped "TT 39 S 1929 776" painted "BM 775.8" 775.820
- 37 2.8 UE 39-S-A, 0.5 mi N. along gravel rd. from tablet, T. 77 N., R. 7 W., in NW. cor. of NE $\frac{1}{4}$ sec. 5, 26 ft W., 19.5 ft S. and 0.8 ft lower than center T-rd. W., in top of S. end of 24-in. circular metal culvert; punched hole painted "UE 758.9" 758.9
- 38 3.4 Kalona, 1.7 mi N. and 1.0 mi E. of junction St. 1 and 22 at, T. 78 N., R. 7 W., in SW. cor. of SW $\frac{1}{4}$ sec. 32, 90 ft E., 40.5 ft N. and 1.3 ft higher than center T-rd. N. at offset crossroads, 66 ft NW. and 2.0 ft higher than center T-rd. S. at offset crossroads, 11 ft SW. of SE. cor. of church, 11.7 ft E. of well pump, 6 ft S. of most easterly one of two entrances on S. side of church, 1.2 ft above ground; in SW. cor. of concrete step platform; standard tablet stamped "39 FDR 1964 780" painted "BM 780" 780.077

LINE 9. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 2 39 3.4 Reference mark, 38.8 ft ENE. of tablet, 60.3 ft MNW. and 1.3 ft higher than center T-rd. S. at offset crossroads, 27.8 ft E. of, SE. cor. of church, 0.8 ft above ground, in W. side of 36-in. cottonwood tree, head of rail spike painted "RM 779.4" 779.38
- 40 3.9 Center crossroads 716.3
- 41 4.4 UE 39 FDR-A, 1.0 mi W. along gravel and dirt rd. from tablet, T. 78 N., R. 7 W., in SW. cor. of SW $\frac{1}{4}$ of sec. 31, 41.1 ft E., 32.2 ft N. and 4.7 ft lower than center crossroads, in top of N. end of 24-in. concrete circular culvert; chiseled square painted "UE 759.6" 759.54
- 43 5.4 UE 39 FDR-B, 2.0 mi W. along dirt and gravel rd. from tablet, T. 78 N., R. 8 W., in SE. cor. of SE $\frac{1}{4}$ of sec. 35, 20 ft N., 20 ft W. and 0.5 ft lower than center T-rd. N. at offset crossroads, in top of W. end of 24-in. circular metal culvert; punched hole painted "UE 752.2" 752.1
- 45 6.4 Kalona, 2.7 mi N. and 1.0 mi W. of junction St. Hwys. 1 and 22 at, T. 78 N., R. 8 W., at cor. secs. 25, 26, 35 and 36, 198 ft SE. of Prairie Dale schoolhouse, 29.6 ft W., 27.5 ft S. and 0.5 ft lower than center T-rd. S. at offset crossroads, in top of SE. end of SW. concrete culvert headwall; standard tablet stamped "40 FDR 1964 702" painted "BM 701.9" 701.831
- 46 6.4 Reference mark, 191 ft NW. of tablet, 7.5 ft SE. of center S. entrance to Prairie Dale schoolhouse (not in use), in top of SE. cor. of concrete entrance platform to school; chiseled square painted "RM 704.4" 704.36
- 48 7.5 UE 40-A, 1.0 mi N. along gravel rd. from tablet, T. 78 N., R. 8 W., cor. secs. 23, 24, 25 and 26, 28.2 ft S., 23.7 ft W. and 1.5 ft lower than center crossroads, in top of W. end of 24-in. circular metal culvert; punched hole painted "UE 765" 765.0
- 49 8.4 UE 40-B, 2.0 mi N. along gravel rd. from tablet, T. 78 N., R. 8 W., near cor. secs. 13, 14, 23 and 24, 322.3 ft S., 56 ft W. and 3.3 ft lower than center crossroads, 8 ft NE. of most southern one of two entrances on E. side of church, in NE. cor. of sidewalk platform; chiseled square painted "UE 782.7" 782.70
- 50 9.2 Reference mark, 69 ft SE. of tablet, 24.5 ft S., 26.8 ft E. of center N.-S. rd. at cross fences, 14.5 ft S. of field entrance E., 6.4 ft W. of N.-S. right-of-way fence line, in top of S. end of 12-in. circular metal culvert; punched hole painted "RM 780.7" 780.63
- 51 9.2 Kalona, 5.7 mi N. and 1.0 mi W. of junction of St. Hwy. 1 and 22 at, about 0.35 mi (airline) SE. of Williamstown, T. 78 N., R. 8 W., about 1250 ft S. of cor. secs. 12, 11, 13 and 14, about 1250 ft S. of crossroads, 38 ft W. and 3.3 ft higher than center N.-S. rd. at cross fences, 4.6 ft WSW. of NE. fence corner, 2.6 ft E. of most northern pole of double wooden pole transmission line, 1.3 ft S. of E.-W. fence line, in concrete post projecting 3 in.; standard tablet stamped "41 FDR 1964 787" and painted "BM 786.9" 786.828
- 53 10.5 UE 41-A, 1.25 mi N. along gravel rd. from tablet, T. 78 N., R. 8 W., at cor. secs. 1, 2, 11 and 12, 78 ft S., 26.4 ft and 5.7 ft higher than center T-rd. S., 24.1 ft S. of W. entrance to schoolhouse, 19.7 ft N. of power pole, in the NW. cor. of a 3.3 x 3.3 ft abandoned concrete well curb; chiseled square painted "UE 708.4" 708.39
- 55 11.6 UE 41-B, 2.4 mi generally N. along gravel rds. from tablet, T. 78 N., R. 8 W., in NE $\frac{1}{4}$ sec. 2, 450 ft S. and 3.5 ft lower than center N.-S. rd. at steel bridge over Old Mans Creek, 27 ft E., 12 ft N. and 0.8 ft lower than center N.-S. rd. at cross field entrances, in top of N. end of 36-in. metal culvert (circular); punched hole painted "UE 682.2" 682.1
- 56 12.5 Reference mark, 138.5 ft W. of tablet, 5 ft S. and 9.5 ft W. of center E.-W. rd. at field entrance S., in top of W. end of 12-in. circular metal culvert; punched hole painted "RM 693.6" 693.56

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IOWA CITY QUADRANGLE
92 Iowa

LINE 9. Cont'd.

IOWA CITY QUAD. - 92

FEET

- 2 57 12.5 Kalona, 8.2 mi N. and 1.2 mi W. of junction of St. Hays. at, T. 79 N., R. 8 W., near center of E $\frac{1}{2}$ of sec. 35, about 800 ft E. of crossroads, about 150 ft SW. of large red barn, 15 ft N. and 0.8 ft lower than center E.-W. rd. at culvert; in top of and 1.0 ft W. of center of N. concrete headwall of 2 x 3-ft concrete box culvert; standard tablet stamped "42 FDR 1964 697" painted "BM 696.5" 696.443
- 59 13.3 UE 42-A, 0.15 mi W. along gravel rd. and 0.65 mi N. along blacktop rd. from tablet, T. 79 N., R. 8 W., about 750 ft N. of cor. secs. 25, 26, 35 and 36, about 450 ft N. of N.-S. rd. at private drive W. to farmhouse, 35 ft E., 12.5 ft S. and 5.4 ft lower than center N.-S. rd. at private rd. E. leading to farm residence, in top of S. end of 18-in. circular metal culvert; punched hole painted "UE 775.8" 775.7
- 60 14.1 "UE 33-B" chiseled square (Described in Line 7.) 692.28