

THIRD ORDER LEVELS  
SEA LEVEL DATUM OF 1929

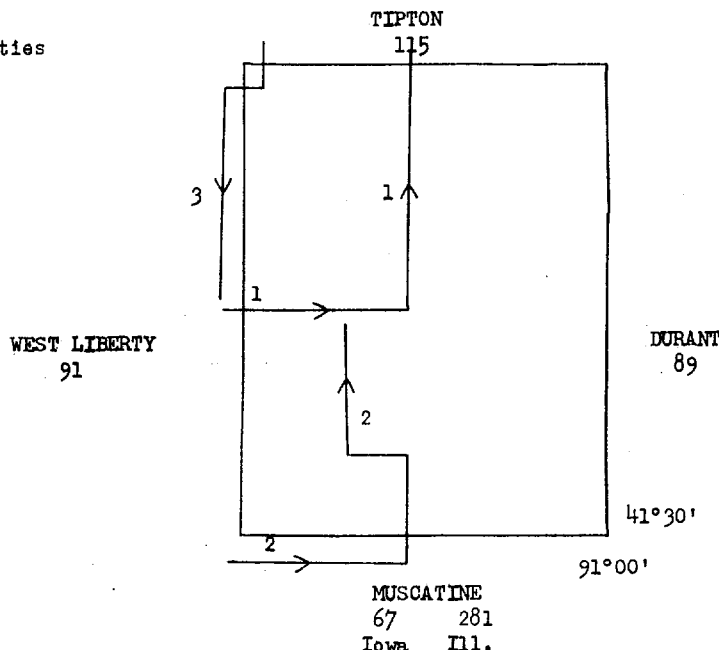
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

WILTON JUNCTION QUADRANGLE  
90 - IOWA  
N4130-W9100/15  
DIAGRAM NK 15-9  
DAVENPORT, IOWA ILL.

Cedar and Muscatine Counties

Edition of 1/3/64

PR: AH:vdc



USC&GS LEVELING  
A. No. 410911

Feet

LINE 1

EAST NEAR CENTER OF WEST PORTION OF QUAD THENCE NORTH (L.M. Tackett, 1963; CV 1600)

WEST LIBERTY QUAD. - 91

- |    |     |     |                                                                                                                                                                                                                                                                                                                        |         |
|----|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1  | 21  | 0.0 | Centerdale, 1.1 mi SE. along the Chicago, Rock Island and Pacific RR. from the station at; 23 poles NW. of milepost 65, at a 20 ft concrete deck bridge, in top of the NE. end of the SE. concrete abutment; 9 ft NE of the center of the track, and 1 ft lower than track; a USC&GS standard disk stamped "Y 76 1934" | 694.618 |
|    | 0.9 |     | UE Y 76 A, T. 79 N., R. 4 W., near quarter cor. between secs. 23 and 26; a chiseled square in center of concrete floor of bridge over Middle Creek; 13 ft above the water; painted "UE 686.4"                                                                                                                          | 686.37  |
| 22 | 1.3 |     | UE Y 76 B, T. 79 N., R. 4 W., cor. secs. 23, 24, 25 and 26; 16 ft N. 37 ft E. and 0.8 ft lower than crossroads; a punched hole in N. end of a steel pipe culvert; painted "UE 711.2"                                                                                                                                   | 711.2   |
| 23 | 2.3 |     | Springdale, 3.0 mi S. and 0.2 mi E. of; T. 79 N., R. 3 and 4 W., cor. secs. 19, 24, 25 and 30; 16 ft S. and 179 ft W. and 5.8 ft higher than crossroads; 1 ft N. of fence and projecting 1-in. above the ground. A standard tablet in top of concrete post stamped "753 5 LMT 1963" painted "EM 752.7"                 | 752.675 |
| 24 | 2.3 |     | Reference mark, 24 ft S. and 45 ft W. of crossroads; a RR. spike in N. side of power pole                                                                                                                                                                                                                              | 752.59  |

WILTON JUNCTION QUAD. - 90

- |    |     |  |                                                                                                                                                                                                                    |        |
|----|-----|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 25 | 3.5 |  | UE 5 LMT A, T. 79 N., R. 3 W., near cor. secs. 19, 20, 29 and 30; 9 ft N. and 19 ft W. and 1.3 ft lower than center of bridge; chiseled square on NW. abutment of bridge; 9 ft above the water; painted "UE 686.7" | 686.68 |
|----|-----|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|

90 D

2  
WILTON JUNCTION QUADRANGLE  
90 - IOWA

| LINE 1 (Cont'd)                                                                                                                                                                                                                                                                                                                     | WILTON JUNCTION QUAD. - 90 | Feet    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------|
| 1 26 4.4 UE 5 LMT B, T. 79 N., R. 3 W., cor. secs. 20, 21, 28 and 29; 24 ft S., 113 ft E. and 0.1 ft lower than crossroads; punched hole in S. end of steel pipe culvert; painted "UE 723.0"                                                                                                                                        |                            | 723.0   |
| 27 5.2 Springdale, 3.0 mi S. and 3.0 mi E. of; 0.2 mi W. of cor. secs. 21, 22, 27 and 28; T. 79 N., R. 3 W.; 25 ft N. and 25 ft W. and 0.6 ft higher than crossroads; 1 ft N. of power pole set flush with ground; standard tablet in top of concrete post; stamped "737 6 LMT 1963" painted "EM 736.7"                             |                            | 736.710 |
| 28 5.2 Reference mark, 37 ft S. and 18 ft E. of crossroads; chiseled square on N. end of E. headwall of concrete culvert                                                                                                                                                                                                            |                            | 734.00  |
| 29 6.2 UE 6 LMT A, T. 79 N., R. 3 W., 0.2 mi W. of cor. secs. 15, 16, 21 and 22; 13 ft N. and 26 ft E. and 1.3 ft lower than crossroads; punched hole in N. end of steel pipe culvert; painted "UE 760.8"                                                                                                                           |                            | 760.8   |
| 30 6.9 UE 6 LMT B, T. 79 N., R. 3 W., near quarter cor. between secs. 15 and 22; 16 ft N. and 1.1 ft lower than rd. at culvert; punched hole in N. end of steel pipe culvert; painted "UE 748.6"                                                                                                                                    |                            | 748.7   |
| 31 8.0 UE 6 LMT C, T. 79 N., R. 3 W., quarter cor. between secs. 14 and 23; 12 ft S. and 66 ft W. and 4.1 ft lower than crossroads; punched hole in S. end of steel pipe culvert; painted "UE 729.9"                                                                                                                                |                            | 730.0   |
| 32 8.5 Springdale, 2.0 mi S. and 5.2 mi E. of; T. 79 N., R. 3 W., cor. secs. 13, 14, 23 and 24; 33 ft S., 31 ft W. and 1.2 ft lower than T-rd. W.; about 1 ft SE. of a power pole and projecting 2-in. above the ground; standard tablet in top of concrete post; stamped "679 7 LMT 1963" painted "EM 679.1"                       |                            | 679.124 |
| 33 8.5 Reference mark, 33 ft N. and 31 ft E. of T-rd. W.; a RR. spike in SW. side of telephone pole                                                                                                                                                                                                                                 |                            | 684.28  |
| 34 9.8 UE 7 LMT A, T. 79 N., R. 3 W., near SE. cor. sec. 13, 10 ft S. of bridge at center of river; 1 ft higher than center of bridge; a chiseled square on top of S. headwall of bridge one way E. 28 ft above the water; painted "UE 665.7"                                                                                       |                            | 665.80  |
| 35 11.0 UE 7 LMT B, T. 79 N., R. 2 W., near S. sixteenth cor. between secs. 17 and 18; 15 ft E. and 1 ft above the center of Hwy. 38 overpass; a chiseled square on top of E. headwall of Hwy. 38 overpass; 21 ft above interstate 80; painted "UE 705.0"                                                                           |                            | 705.12  |
| 36 12.3 Tipton, about 7.0 mi S. of along Hwy. 38; T. 79 N., R. 2 and 3 W., near quarter cor. between secs. 7 and 12; 48 ft S. and 97 ft E. and 4.2 ft lower than T-rd. E.; about 1 ft W. of telephone pole; projecting 2-in. above the ground; standard tablet in top of concrete post; stamped "724 8 LMT 1963" painted "EM 724.2" |                            | 724.340 |
| 37 12.3 Reference mark, 28 ft S. 72 ft E. of T-rd. E.; chiseled square on S. end of concrete tile culvert                                                                                                                                                                                                                           |                            | 724.64  |
| 38 13.0 UE 8 LMT A, T. 79 N., R. 2 and 3 W., cor. secs. 1, 6, 7 and 12; 15 ft S. and 19 ft W. 0.5 ft higher than crossroads; a chiseled square on NE. cor. of curb of S. island; painted "UE 712.6"                                                                                                                                 |                            | 712.68  |
| 39 14.0 UE 8 LMT B, T. 79 and 80 N., R. 2 and 3 W., cor. secs. 1, 6, 31 and 36; copper nail and washer in center of Hwy. 38 and cross fences E.-W.; painted "UE centerline 714.4"                                                                                                                                                   |                            | 714.57  |
| 40 14.6 UE 8 LMT C, T. 80 N., R. 2 and 3 W., quarter cor. between secs. 31 and 36; 20 ft N., 70 ft W. and 2.9 ft lower than crossroads; chiseled on N. end of concrete tile culvert; painted "UE 760.0"                                                                                                                             |                            | 760.13  |
| 41 15.5 Reference mark, 18 ft S. and 72 ft E. of T-rd. E.; a chiseled square on S. end of concrete tile culvert                                                                                                                                                                                                                     |                            | 797.39  |

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WILTON JUNCTION QUADRANGLE  
90 ~ IOWA

| <u>LINE 1 (Cont'd)</u> | <u>WILTON JUNCTION QUAD. - 90</u>                                                                                                                                                                                                                                                                         | <u>Feet</u> |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 1 42 15.5              | Tipton, 4.0 mi S. of; along Hwy. 38; T. 80 N., R. 2 and 3 W., quarter cor. between secs. 25 and 30, 38 ft N. and 76 ft W. and 3.3 ft lower than T-rd. E.; about 4 ft W. of fence cor. projecting 1-in. above ground; standard tablet in top of concrete post; stamped "797 9 LMT 1963" painted "BM 797.4" | 797.596     |
| 43 16.6                | UE 9 LMT A, T. 80 N., R. 2 and 3 W., quarter cor. between secs. 19 and 24; copper nail and washer in center of Hwy. 38 at gravel crossroads; painted "UE centerline 774.2"                                                                                                                                | 774.39      |
| 44 17.1                | UE 9 LMT B, T. 80 N., R. 2 and 3 W., cor. secs. 13, 19, 18 and 24; copper nail and washer in center of Hwy. 38 at cross-fences E.-W.; painted "UE centerline 770.7"                                                                                                                                       | 770.86      |
| 45 17.7                | UE 9 LMT C, T. 80 N., R. 2 and 3 W., near quarter cor. between secs. 13 and 18; 26 ft E. and 0.4 ft lower than rd. at culvert; 15 ft above the water; chiseled square near center of E. headwall of culvert; painted "UE 757.9"                                                                           | 758.12      |
| 46 18.1                | Tipton, 1.5 mi S. of; along Hwy. 38; T. 80 N., R. 2 and 3 W., cor. secs. 7, 12, 13 and 18; 31 ft S. and 125 ft W. and 8.4 ft lower than crossroads; 1 ft N. of fence and projecting 2-in. above ground; a standard tablet in top of concrete post; stamped "757 10 LMT 1963" painted "BM 756.9"           | 757.111     |
| 47 18.2                | Reference mark, 480 ft N. and 33 ft W. of crossroads; chiseled on W. headwall of culvert; 7 ft above the drain                                                                                                                                                                                            | 758.93      |
| 48 18.8                | UE 10 LMT A, T. 80 N., R. 2 and 3 W., near quarter cor. between secs. 7 and 12; 78 ft N. and 36 ft E. and 3.4 ft lower than T-rd. SW.; a chiseled square on E. end of concrete tile culvert; painted "UE 771.1"                                                                                           | 771.24      |

TIPTON QUAD. - 115

|         |                                                                                                                                                                               |         |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 49 19.7 | UE 10 LMT B, T. 80 N., R. 2 W., near W. sixteenth cor. sec. 6; 27 ft N. and 29 ft W. and 0.4 ft higher than cross streets; chiseled square on top of curb; painted "UE 798.2" | 798.44  |
| 50 19.9 | Tipton at; in front of public library, at the Civil War Monument, and in the center of W. side of second step of limestone base; a USC&GS standard disk stamped "W 77 1934"   | 816.432 |

LINE 2

EAST ALONG WEST PORTION OF SOUTH BORDER, THENCE NORTH (L.M. Tackett, 1963; CV 1600)

NOTE: Portion of line from "19 LMT 1963" to "27 LMT 1963" replaces a line by W.R. Broadus, 1930.

COLUMBUS JUNCTION QUAD. - 68

|                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                  |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 2 13 2.6                                                                                                                                                                                                | Reference mark, 33 ft S. and 52 ft E. of crossroads; on top of steel right-of-way marker                                                                                                                                                                                                                         | 633.10  |
| 14 2.6                                                                                                                                                                                                  | West Liberty, 5.0 mi S. along Hwy. 76; T. 77 N., R. 3 and 4 W., cor. secs. 1, 6, 7 and 12; 32 ft N., 75 ft E. and 0.9 ft lower than crossroads; about 1 ft S. of fence and 2 ft W. of power pole set flush with the ground standard tablet in top of concrete post; stamped "632 19 LMT 1963" painted "BM 631.7" | 631.785 |
| NOTE: The elev. of "TT 5 S 1929" described below was established by W.R. Broadus in 1930. This B.M. is located near this point and was reported disturbed by Tackett but was not included in this line. |                                                                                                                                                                                                                                                                                                                  |         |
|                                                                                                                                                                                                         | T. 77 N., R. 3 and 4 W., cor. secs. 1, 6, 7 and 12; 25 ft N., 70 ft E. of crossroads; in concrete post; standard tablet stamped "TT 5 S 1929"                                                                                                                                                                    | 632.199 |

MUSCATINE QUAD. - 67

|        |                                                                                                                                                                                                               |        |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 15 3.5 | UE 19 LMT A, T. 77 N., R. 3 W., cor. secs. 5, 6, 7 and 8; 32 ft S. and 34 ft W. and 3.0 ft lower than crossroads; punched hole in S. end of steel pipe culvert; painted "UE 628.7"                            | 628.7  |
| 16 4.6 | UE 19 LMT B, T. 77 N., R. 3 W., near cor. secs. 4, 5, 8 and 9, 11 ft N. and 0.5 ft higher than center of bridge; 6 ft above the water; chiseled square in center of N. headwall of bridge; painted "UE 611.9" | 611.97 |

WILTON JUNCTION QUADRANGLE  
90 - IOWA

## LINE 2 (Cont'd)

## MUSCATINE QUAD. - 67

## Feet

- 2 17 5.6 Reference mark, 26 ft S., 34 ft W. of T-rd. S.; a punched hole in E. end of steel pipe culvert under a field rd. entrance 611.4
- 18 5.6 West Liberty about 5.0 mi S. and 3.0 mi E. of; T. 77 N., R. 3 W., cor. secs. 3, 4, 9 and 10, 34 ft N. and 115 ft E. and 0.7 ft lower than T-rd. S.; 2 ft W. of a power pole set flush with the ground; a standard tablet in top of concrete post; stamped "612 20 LMT 1963" painted "EM 612.1" ("TT 4 S 1929" which was located near this point has been destroyed) 612.188
- 19 6.7 UE T 77 N., R. 3 W., in NE $\frac{1}{4}$  SE $\frac{1}{4}$  sec. 3, on top of W. abutment of bridge over Co. Rd. "W" over Cedar River; on upstream side; a chiseled square; 15 ft above the water and 1.6 ft lower than center of bridge 624.55
- 20 7.3 UE T. 77 N., R. 3 W., in SW $\frac{1}{4}$  sec. 2; top of N. end of E. abutment of County rd. "W" bridge over Slough Creek, 0.2 ft lower than center of bridge; 11.5 ft above the water; chiseled square painted "UE 621.8" 621.85
- 21 8.0 T. 77 N., R. 3 W., about 0.25 mi S. of cor. secs. 1, 2, 11 and 12; 85 ft S. of Co. Rd. "W"; 40 ft E. of rd. on line between secs. 11 and 12; 2.7 ft lower than T-rd. S.; in concrete post; standard tablet stamped "TT 3 S 1929" (post not solid in ground) 617.751
- 22 8.9 UE, T. 77 N., R. 3 W., about 0.25 mi E. of center of sec. 12; 600 ft W. of Stuart's farmhouse; on N. heading of concrete culvert under Co. rd. "W"; chiseled square about 0.8 ft higher than center of rd. at culvert; painted "UE 674.6" 674.61
- 23 9.6 UE, T. 77 N., R. 2 W., near center sec. 7; 230 ft SE. of crossroads; and cor. in County rd "W" in top of first concrete step to entrance of school; a chiseled square; 1.5 ft higher than crossroads; painted "UE 705.5" 705.57
- 24 10.4 UE 20 LMT A, T. 77 N., R. 2 W., about 0.3 mi W. of the center of sec. 8; 15 ft S. and 0.6 ft lower than center of rd. at culvert under Co. Rd. "W"; 10 ft above the water; a chiseled square in center of S. headwall; painted "UE 657.8" 657.87
- 25 11.1 Atalissa, 5.5 mi S. and 3.4 mi E. of; T. 77 N., R. 2 W., quarter cor. between secs. 8 and 9; 100 ft S., 95 ft W. and 5.6 ft lower than rd. at driveway E.; 1.5 ft W. of a telephone pole projecting 2-in. above the ground; standard tablet in top of concrete post stamped "692 21 LMT 1963" painted "691.6" 691.640  
NOTE: "TT 2 S 1929" which was located near this point has been destroyed.
- 26 11.1 Reference mark, 11 ft N., 28 ft E. of rd. at driveway E.; a punched hole in N. end of steel pipe culvert 695.66  
NOTE: "TT 1 S 1929" described below and with elev. established by W.R. Broadus in 1930, is near this point but was not recovered when this line was run.  
T. 77 N., R. 2 W., 25 ft N. and 55 ft W. of crossroads; cor. secs. 1, 2, 11 and 12; in concrete post; standard tablet stamped "TT 1 S 1929" 732.616
- 27 11.6 UE 21 LMT A, T. 77 N., R. 2 W., about 0.25 mi W. of cor. secs. 4, 5, 8 and 9; 39 ft S. 27 ft W. and 2.5 ft lower than T-rd. E.; a punched hole in S. end of steel pipe culvert; painted "UE 713.0" 713.1

## WILTON JUNCTION QUAD. - 90

- 28 12.6 UE 21 LMT B, T. 77 and 78 N., R. 2 W., about 0.25 mi W. of cor. secs. 4, 5, 32 and 33; 38 ft S. and 38 ft W. and 6.4 ft higher than crossroads; a RR. spike in E. side of telephone pole; painted "UE 716.6" 716.63
- 29 13.7 Atalissa at; 3.0 mi S. and 3.2 mi E. of; T. 78 N., R. 2 W.; 0.25 mi W. of cor. secs. 28, 29, 32 and 33; 232 ft S., 32 ft E. and 1.1 ft lower than T-rd. S.; 1 ft W. of power pole and projecting 1-in. above the ground; standard tablet in top of concrete post; stamped "643 22 LMT 1963" painted "EM 643.1" 643.193

| WILTON JUNCTION QUAD. - 90 |                                                                                                                                                                                                                                                                                                                                  | Feet    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 101                        | Reference mark, 28 ft S., 36 ft E. of T-rd. S.; a punched hole in E. end of steel pipe culvert; under field rd. entrance                                                                                                                                                                                                         | 642.45  |
| 102                        | UE 22 LMT A, T. 78 N., R. 2 W., 0.2 mi. N. of cor. secs. 29, 30, 31 and 32; 32 ft S. and 12 ft E. and 3.2 ft lower than rd. at drive S.; a punched hole in E. end of steel pipe culvert; painted "UE 623.4"                                                                                                                      | 623.5   |
| 103                        | UE 22 LMT B, T. 78 N., R. 2 W., in the NW. $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30; 39 ft N. and 25 ft W. and 1.9 ft higher than rd. opposite Island West; a RR. spike in E. side of an oak tree; painted "UE 624.1"                                                                                                              | 624.19  |
| 104                        | UE 22 LMT C, T. 78 N., R. 3 W., in NW. cor. sec. 25, 11 ft S. and 28 ft E. and 1.7 ft lower than center of bridge; 5 ft above the drain; a chiseled square; on SE. abutment of bridge; painted "UE 624.3"                                                                                                                        | 624.34  |
| 105                        | UE 22 LMT D, T. 78 N., R. 3 W., near quarter cor. between secs. 24 and 25, 11 ft N. and 3 ft lower than center of bridge; a chiseled square on N. pier of bridge over Cedar River; 11.5 ft above the water; painted "UE 629.4"                                                                                                   | 629.44  |
| 106                        | Reference mark, 0.3 mi. E. of; T. 78 N., R. 3 W., 0.25 mi. N. of cor. secs. 23, 24, 25 and 26; 11 ft S. and 35 ft E. and 1.0 ft lower than T-rd. N.; about 1 ft S. of center of rd. projecting 1.5 ft above the ground standard tablet in top of concrete post stamped "UE 646.7"                                                | 646.819 |
| 107                        | Reference mark, 28 ft S. and 36 ft E. of T-rd. N.; a punched hole in E. end of steel pipe culvert                                                                                                                                                                                                                                | 645.40  |
| 108                        | UE 23 LMT A, T. 78 N., R. 3 W., 0.3 mi. N. of cor. secs. 13, 14, 23 and 24; 18 ft N. and 27 ft E. and 1.2 ft lower than T-rd. E.; a punched hole in N. end of steel pipe culvert; painted "UE 651.7"                                                                                                                             | 651.8   |
| 109                        | UE 23 LMT B, T. 78 N., R. 3 W., cor. secs. 11, 12, 13 and 14; 50 ft S. and 28 ft E. and 1.5 ft lower than crossroad; a RR. spike in W. side of power pole; painted "UE 654.6"                                                                                                                                                    | 654.71  |
| 110                        | UE 23 LMT C, T. 78 N., R. 3 W., 0.2 mi. N. of cor. secs. 1, 2, 11 and 12; 27 ft N. and 35 ft E. and 1.5 ft lower than T-rd. S.; a punched hole in W. end of steel pipe culvert; under field rd. entrance N.; painted "UE 713.9"                                                                                                  | 714.0   |
| 111                        | UE 23 LMT D, T. 78 N., R. 3 W., 0.2 mi. N. of quarter cor. between secs. 2 and 11; 17 ft S. and 35 ft E. and 2.6 ft lower than T-rd. E.; a punched hole in N. end of steel pipe culvert; painted "UE 716.1"                                                                                                                      | 716.2   |
| 112                        | Reference mark, 0.3 mi. E. of; on Co. lines of Muscatine and Cedar; T. 78 N., R. 3 W., at quarter cor. between secs. 2 and 35; 30 ft S. and 80 ft E. 1.2 ft higher than center of rd. S.; center of rd. W.; between power pole and fence; a standard tablet in top of concrete post stamped "748 24 LMT 1963" painted "BM 748.3" | 748.426 |
| 113                        | Reference mark, 26 ft N. and 50 ft W. of center of rd. S.; in line of rd. W.; a RR. spike in E. side of telephone pole                                                                                                                                                                                                           | 748.17  |
| 114                        | UE 24 LMT A, T. 79 N., R. 3 W., near quarter cor. between secs. 26 and 35; 5 ft S., 49 ft E. and 3.3 ft lower than rd. at field entrance E.; 1 ft S. of gate post; a steel bar projecting 0.5 ft above the ground; painted "UE 689.5"                                                                                            | 689.58  |
| 115                        | UE 24 LMT B, T. 79 N., R. 3 W.; near center of sec. 26; 39 ft S., 14 ft W. and 0.8 ft lower than center of bridge; copper nail and washer; in top of SW. piling of bridge; 2.5 ft above the water; painted "UE 646.1"                                                                                                            | 646.20  |
| 116                        | UE 24 LMT C, T. 79 N., R. 3 W., 0.25 mi. N. of quarter cor. between secs. 23 and 26; 3 ft N. and 24 ft W. and 0.1 ft lower than T-rd. E.; a punched hole in N. end of steel pipe culvert; painted "UE 673.5"                                                                                                                     | 673.5   |
| 117                        | UE 24 LMT 1963 (described in line 1)                                                                                                                                                                                                                                                                                             | 679.124 |

6  
WILTON JUNCTION QUADRANGLE  
90 - IOWA

LINE 3

Foot.

SOUTH ALONG NORTH PORTION OF WEST BORDER (L.M. Tackett, 1963; CV 1600)

MECHANICSVILLE QUAD. - 116

3 59 2.0 Buchanan, 1.5 mi S. and 1.0 mi E. of; T. 80 N., R. 3 W., near S. sixteenth cor. between secs. 7 and 8, 17 ft S., 51 ft E. and 0.9 ft higher than T-rd. E.; concrete post with tablet stamped "USC&GS and State Survey station 16-5", painted "BM 825.2" USGS elev. 825.172

WILTON JUNCTION QUAD. - 90

60 2.7 UE 77 C, T. 80 N., R. 3 W., near center and E. of sec. 18, 33 ft W. and 1.6 ft lower than T-rd. E.; punched hole in N. end of steel pipe culvert under a field entrance W.; painted "UE 799.0" 799.0

61 3.3 UE 77 D, T. 80 N., R. 3 W., in NE. cor. sec. 19, 10 ft N. and 3.7 ft lower than center of bridge over Cedar River; chiseled cross on top of N. pier on upstream side; 19 ft above the water; painted "UE 668.2" 668.23

WEST LIBERTY QUAD. - 91

62 3.8 UE 77 E, T. 80 N., R. 3 and 4 W., near N. sixteenth cor. between secs. 19 and 24, at Cedar Valley, 78 ft N. and 235 ft W. and 4.5 ft higher than rd. fork; a RR. spike in the SW. side of power pole; painted "UE 785.0" 785.05

63 4.7 Springdale, 3.0 mi N. of; 1.0 mi S. of Cedar Valley, T. 80 N., R. 3 and 4 W., cor. secs. 19, 24, 25 and 30; 164 ft N. and 38 ft W. and 6.5 ft lower than crossroads; about 1 ft E. of power pole; projecting 1 in. above ground; standard tablet in top of concrete post; stamped "701 41 LMT 1963" painted "BM 700.6" 700.661

64 4.7 Reference mark, 33 ft S., and 44 ft W. of crossroads; a concrete right-of-way marker; with bolt in top 702.92

65 5.7 UE 41 LMT A, T. 80 N., R. 3 and 4 W., cor. secs. 25, 30, 31 and 36; 14 ft N. and 30 ft E. and 2.9 ft lower than rd. at field entrance E.; punched hole in N. end of steel pipe culvert; painted "UE 732.5" 732.6

66 6.7 UE 41 LMT B, T. 80 and 81 N., R. 3 and 4 W.; cor. secs. 1, 6, 31 and 36; 19 ft S. and 64 ft W. and 5.4 ft lower than crossroads; chiseled square; on S. end of concrete tile culvert; painted "UE 791.5" 791.55

67 7.2 Springdale A Sta.; Iowa City, 14.0 mi E. and 1.5 mi N. of; 4.5 mi E. and 1.0 mi N. of West Branch, 1.0 mi N. of the Village of Springdale, in the SE. cor. of the SW $\frac{1}{4}$  sec. 36; T. 80 N. R. 4 W.; on land owned by Henry Tucker. The station is on the N. side of township rd.; 12 meters N. of rd.; 12 meters W. of N. and S $\frac{1}{2}$  sec. line fence 807.222

68 7.3 Reference mark 2, on fence line on E. side of half sec. line rd. which runs N. from Springdale; about 250 meters of a township line 807.733

69 8.3 UE, Springdale, A, T. 79 N., R. 4 W., quarter cor. between secs. 1 and 12; 22 ft S. and same elev. as T-rd. N.; at the town of Springdale, a chiseled square on top of sewer drain; painted "UE 777.2" 777.30

70 8.9 UE, Springdale, B, T. 79 N., R. 3 and 4 W., cor. secs. 1, 6, 7 and 12; copper nail and washer in blacktop Hwy.; at crossroads; painted "UE centerline 758.9" 758.96

71 9.6 UE Springdale C, T. 79 N., R. 3 and 4 W., quarter cor. between secs. 7 and 12; 17 ft E., and 0.7 ft higher than center of overpass; a chiseled square; in center of E. headwall of overpass over Interstate 80; painted "UE 773.9" 774.01

72 9.9 Springdale, 1.0 mi S. and 0.5 mi E. of; T. 79 N., R. 3 and 4 W., cor. secs. 7, 12, 13 and 18; 169 ft N. and 47 ft W. and 2.2 ft higher than crossroad; 3 ft SW. of power pole projecting 1-in. above ground a standard tablet in top of concrete post; stamped "771 42 LMT 1963" painted "BM 771.3" 771.388

WILTON JUNCTION QUADRANGLE<sup>7</sup>  
90 - IOWA

LINE 3 (Cont'd)

WEST LIBERTY QUAD. 91

Feet

|          |                                                                                                                                                                                                          |         |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 3 73 9.9 | Reference mark, 19 ft N. and 36 ft E. of crossroad; a chiseled square on N. end of concrete tile culvert                                                                                                 | 765.56  |
| 74 10.9  | UE 42 LMT A, T. 79 N., R. 3 and 4 W., cor. secs. 13, 18, 19 and 24; 18 ft S. and 32 ft W. and 3.0 ft lower than crossroads; a chiseled square on the S. end of concrete tile culvert; painted "UE 758.9" | 759.04  |
| 75 12.0  | "5 LMT 1963" (described in Line 1)                                                                                                                                                                       | 752.675 |