

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

Clay and Dickinson Counties

Final Adjustment of 1967

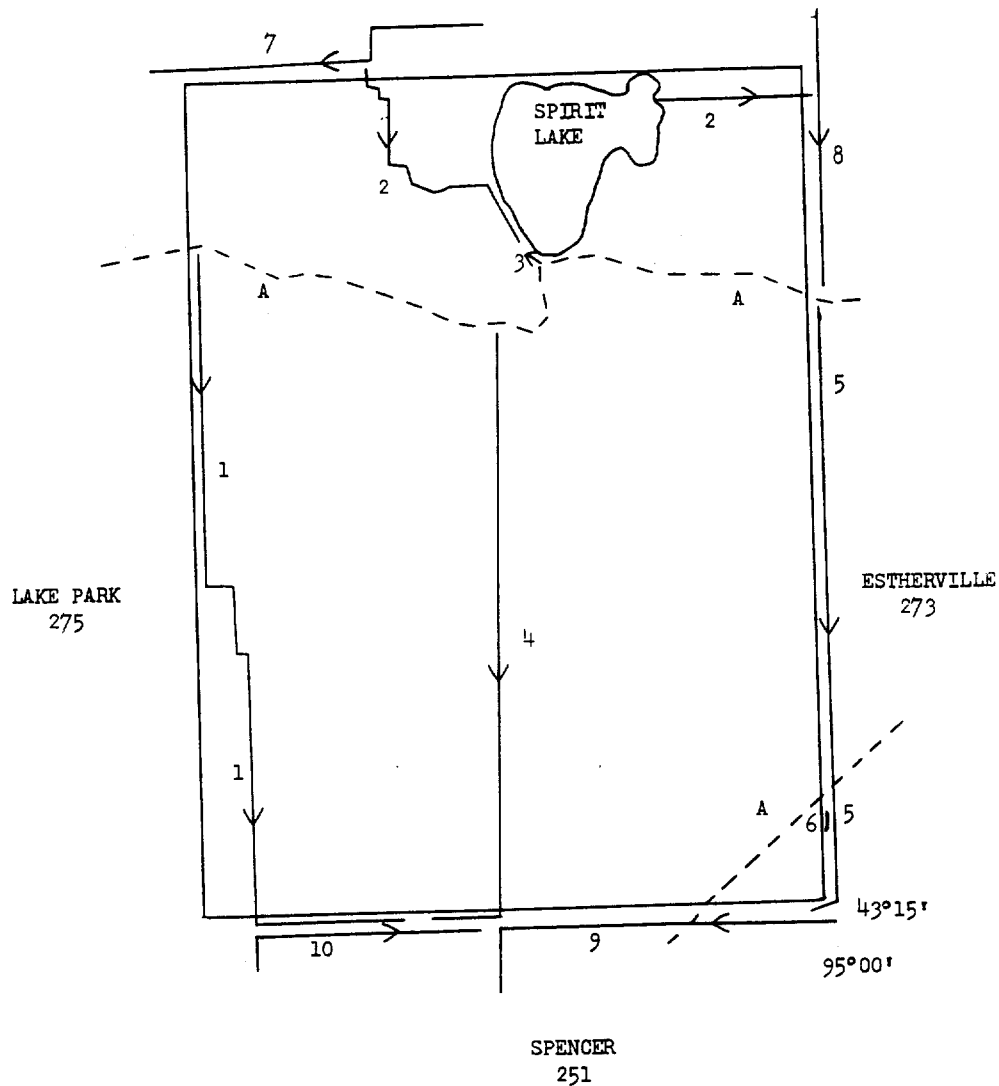
Edition of 12/5/67

PR: EBF/MP/ph

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SPIRIT LAKE QUADRANGLE
274 - IOWA
N4315-W9500/15
DIAGRAM NK 15-1
FAIRMONT, MINN., IOWA

LAKEFIELD
17 - MINN.



USC&GS LEVELING

A. Quadrangle No. 430952
Based on 1937 Adjustment

274 A

LINE 1FEET

SOUTH ALONG WEST BORDER (D. W. Bennett, 1967; Book CV-2220)

SPIRIT LAKE QUAD. - 274

- 1 28 0.0 Lake Park, 2.8 mi SE. along the Chicago, Rock Island, and Pacific RR. from the station at; Dickinson County, 24 poles E. of MP 232, 70 yards E. of the E. end of concrete and steel trestle 2320, 64 ft SE. of the center of a sec. rd. crossing, 53 ft E. of the center of the sec. rd., 45.2 ft S. of the S. rail, 26 ft E. of a cor. of a wire fence, and 1.5 ft N. of the right-of-way fence; a standard USC&GS disk stamped "H 20 1934" and set in the top of a concrete post projecting 3 in. above ground 1435.630
- 29 1.0 UE H 20 A, 1.0 mi E. of tablet, T. 100 N., R. 37 W., near S. sixteenth cor. secs. 29 and 30; top of S. rail at center N.-S. rd., painted "UE 1437.5" 1437.50
- 30 1.4 Lake Park, 0.6 mi S., 3.75 mi E. of; Spirit Lake, 1.5 mi N. of, 7.5 mi W. of from courthouse at; T. 100 N., R. 37 W., near cor. secs. 29, 30, 31 and 32; 41 ft N. and 126 ft W. of crossroads, 94 ft W. of a SE. fence cor., 4 ft E. of telephone pole, 1.5 ft S. of a fence, standard tablet set in concrete post stamped "61 DWB 1967 1467", painted "EM 1467.2" 1467.199
- 31 1.4 Reference Mark, 190 ft E. of mark, 33 ft S. and 52 ft E. of crossroads, rail spike in power pole, painted "RM" 1466.35
- 32 2.0 UE 61 A, 0.6 mi S. of tablet, T. 100 N., R. 37 W., near S. sixteenth cor. secs. 31 and 32, at 80 ft concrete bridge over Little Sioux River, chiseled square at NE. cor. bridge curb, 1 ft higher than center and 12.0 ft higher than water, 8-30-67, painted "UE 1395.3" 1395.33
- 33 3.4 UE 61 B, 2.0 mi S. of tablet, T. 99 N., R. 37 W., near cor. secs. 5, 6, 7 and 8, 40 ft N. and 40 ft E. of T-rd. E., rail spike in power pole, painted "UE 61 B 1427.4" 1427.40
- 34 3.9 UE 61 C, 2.5 mi S. of tablet, T. 99 N., R. 37 W., near quarter cor. secs. 7 and 8, at steel truss bridge over Little Sioux River, chiseled square at NE. end of NE. wingwall, painted "UE 61 C 1393.1" 1393.11
- 35 4.4 Lake Park, 3.6 mi S., 3.75 mi E. of; Milford, 5.0 mi N. of, 5.0 mi W. of jct. U. S. Hwy. 71 and Co. Rt. "B" at; S. of tablet, T. 99 N., R. 37 W.; near cor. secs. 7, 8, 17 and 18; 3 ft S. and 47 ft E. of T-rd. W., 39 ft N. of field entrance E., 31 ft NE. of telephone pole, 2 ft S. and 12 ft E. of SW. fence cor., standard tablet set in concrete post projecting 3 in., stamped "62 DWB 1967 1417", painted "EM 62 1417.1" 1417.073
- 36 4.5 Reference Mark, 270 ft SW. of mark, 18 ft W. of rd., chiseled square on 24 in. concrete pipe culvert, painted "RM" 1412.41
- 37 5.4 UE 62 A, 1.0 mi S. of tablet; T. 99 N., R. 37 W., near cor. secs. 17, 18, 19 and 20; 44 ft N., and 18 ft W. of crossroads, rail spike in power pole, E. side; painted "UE 62 A 1458.4" 1458.39
- 38 6.4 UE 62 B, 2.0 mi S. of tablet, T. 99 N., R. 37 W., near cor. secs. 19, 20, 29 and 30; 22 ft N. and 36 ft W. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "UE 62 A 1457.4" 1457.34
- 40 6.8 Spirit Lake, 3.5 mi S. and 7.0 mi W. from the jct. of State Hwys. 9 and 276, 5.5 mi S. and 4.0 mi E. of Lake Park; 0.4 mi E. of crossroads, at cor. secs. 19, 20, 29 and 30; T. 99 N., R. 37 W., 46 ft S. and 13 ft E. of center of E.-W. rd. and farm entrance S., 3.6 ft NE. of E. gate post, 3 ft N. of U.S.G.S. Survey marker on steel post, in concrete post set flush with ground, standard tablet stamped "ET 3 DLH 1966" 1475.990

LINE 1 (Cont'd)

FEET

SPIRIT LAKE QUAD. - 274

- | | | | | |
|----|------|-----------------|--|----------|
| 1 | 39 | 6.8 | Reference Mark, 320 ft NW. of mark, at the most westerly of two drives to the Ray A. Mitchell farmplace, 30 ft N. and 14 ft W. of drive N., chiseled square on concrete culvert pipe | 1467.77 |
| 42 | 8.3 | UE 3 A; | 1.0 mi S. and 0.4 mi W. of tablet; T. 99 N., R. 37 W., near cor. secs. 29, 30, 31 and 32; at an abandoned brick school, 60 ft W. of rd. on SE. cor. of bottom step, chiseled square, painted "UE 3 A" | 1476.52 |
| 43 | 9.0 | UE 3 B; | 1.7 mi S. and 0.4 mi W. of tablet, T. 99 N., R. 37 W., near S. sixteenth cor. secs. 31 and 32; 31 ft S. and 46 ft E. of T-rd. E., rail spike in power pole, painted "UE 3 B" | 1487.06 |
| 45 | 10.2 | Milford, | 1.0 mi N., 4.25 mi W. of jct. U. S. Hwy. 71 and Co. Rt. "B" at; Lake Park, 7.75 mi S. of, 4.5 mi E. of; 2.0 mi S. and 0.25 mi E. of tablet; T. 98 and 99 N., R. 37 W., about 0.1 mi S. of E. sixteenth cor. secs. 5 and 32; 463 ft S. and 39 ft E. of T-rd. E., at a dip in the rd., 2 ft W. of a fence, 150 ft N. center field entrance E., 2 ft NE. of power pole, standard tablet set in concrete post, stamped "63 DWB 1967 1449", painted "EM 6 B" | 1449.151 |
| 44 | 10.1 | Reference Mark, | 450 ft N. of mark, 30 ft E. and 24 ft S. of T-rd. E., chiseled square on 30 in. concrete culvert pipe, painted "RM" | 1454.45 |
| 46 | 10.5 | UE 63 A, | 0.4 mi S. of tablet, T. 98 N., R. 37 W., near E. sixteenth cor. center sec. 5, chiseled square at center of E. headwall, drain -16.1 ft | 1440.68 |
| 47 | 11.3 | UE 63 B, | 1.1 mi S. and 0.25 mi E. of tablet, T. 98 N., R. 37 W., near cor. secs. 4, 5, 8 and 9, rail spike at center Co. Rt. "B" and T-rd. S., painted "UE 63 B" | 1460.53 |
| 48 | 12.4 | UE 63 C, | 1.1 mi S. and 0.5 mi E. of tablet, T. 98 N., R. 37 W., near cor. secs. 8, 9, 16 and 17; 12 ft N. and 23 ft W. of drive W. to Milton Guthrie farm place, chiseled square on 18 in. concrete pipe culvert, painted "UE 63 C" | 1458.51 |
| 50 | 13.3 | Milford, | 2.0 mi S. and 4.0 mi W. of jct. U. S. Hwy. 71 and Co. Rt. "B" at; Fostoria, 4.0 mi N. of, 4.0 mi W. of; 3.0 mi S., and 0.25 mi E. of tablet; T. 99 N., R. 37 W., near cor. secs. 16, 17, 20 and 21; in the yard of an abandoned school, 155 ft N. and 44 ft W. of crossroads, 50 ft S. of a gate, 46 ft E. of NE. cor. of the school, 15 ft N. of a 15 in. birch, 8 ft W. of a fence, standard tablet set in concrete post projecting 3 in., stamped "64 DWB 1967 1452", painted "EM 64" | 1451.648 |
| 49 | 13.2 | Reference Mark, | 670 ft N. of mark, 12 ft E. of rd., chiseled square on concrete box culvert headwall, painted "RM" | 1449.57 |
| 51 | 14.3 | UE 64 A, | 1.0 mi S. of tablet, T. 98 N., R. 37 W., near cor. secs. 20, 21, 28 and 29; 33 ft S. and 33 ft E. of crossroads, rail spike in power pole, painted "UE 64 A" | 1427.63 |
| 52 | 15.3 | UE 64 B, | 2.0 mi S. of tablet, T. 98 N., R. 37 W., near cor. secs. 28, 29, 32 and 33; 36 ft N. and 22 ft E. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "UE 64 B" | 1410.16 |
| 53 | 16.0 | UE 64 C, | 2.6 mi S. of tablet, T. 98 N., R. 37 W., near quarter cor. secs. 33 and 34, at a steel truss bridge over Little Sioux River, top of bolt head of N. downstream batter post, (chiseled "X"), painted "UE 64 C", water -7.8 ft, 8-31-67 (about level with bridge floor) | 1342.96 |

SPIRIT LAKE QUADRANGLE

274 - IOWA

LINE 1 (Cont'd)FEETSPIRIT LAKE QUAD. - 274

- 1 54 16.2 Melford, 5.0 mi S. and 4.0 mi W. from jct. U. S. Hwy. 71 and Co. Rt. "B" at Fosteria, 1.0 mi N. and 4.0 mi E. of, 3.0 mi S. of tablet; T. 97 and 98 N., R. 37 W., about 0.12 mi N. of cor. secs. 4, 5, 32 and 33; about 1320 ft S. of a steel truss bridge over Little Sioux River, 59 ft W. and 40 ft S. of T-fence E., 48 ft W. of a dirt rd., 75 ft SW. of T-fence E., 2 ft E. of a fence, standard tablet set in concrete post projecting 10 in., stamped "65 FWE 1967 1371", painted "EM 65" 1370.842
- 55 16.3 Reference Mark, 250 ft NE. of mark, top of largest boulder of group of granite boulders, chiseled square, painted "RM" 1362.97
- 56 16.9 UE 64 A, 0.6 mi S. of tablet; T. 97 N., R. 37 W., near quarter cor. secs. 4 and 5, 21 ft N. and 21 ft E. of T-rd. W., chiseled square on 30 in. concrete pipe culvert, painted "UE 64 A" 1405.56

SPENCER QUAD. - 251

- 59 19.3 Fosteria, 2.0 mi W. of; T. 97 N., R. 37 W., near cor. secs. 2, 3, 10 and 11; 330 ft W. and 29 ft N. of crossroads; a standard tablet embedded in concrete headwall, stamped "7 GJS 1964 RESET 1967 1425" 1425.115
- 60 19.4 Reference Mark 2, 330 ft SE. of mark, 33 ft S. and 25 ft W. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "RM" 1429.32
- 61 20.4 UE Centerline 7A, 1.0 mi E. of tablet, near cor. secs. 1, 2, 11 and 12; iron pin at center crossroads, painted "UE Centerline" 1434.97
- 62 21.4 UE 7 B, 2.0 mi E. of tablet, at Fosteria; center of crossroads, chiseled cross, painted "UE Centerline 1442.2" 1442.12

LINE 2

GENERALLY SOUTHEAST THEN EAST IN NORTH PORTION OF QUADRANGLE (D. W. Bennett, 1967; Book CV-2220)

LAKEFIELD QUAD. - 17 MINN.

- 3 1 0.6 EM (MHD 2), Lakefield, Minn., 12.3 mi S. along Minnesota Hwy. 86 from RR. crossing at; at the Iowa-Minn. State Line, 1.1 mi S. of tablet; T. 100 and 101 N., R. 36 and 37 W., near cor. secs. 32 and 33, and E. sixteenth cor. secs. 11; 79 ft ESE. of SE. cor. of Rudy's State Line Club, 73 ft N. of Minn. Hwy. 86, 39 ft SW. of a grain belt beer sign, 36 ft SE. of a three car garage, a standard Minnesota State Hwy. Dept. brass cap set in concrete post painted "EM MHD 2, Elev. 1464.711" 1464.689

SPIRIT LAKE QUAD. - 274

- 2 0.8 UE MHD 2 Z, 0.25 mi S. and 0.5 mi E. of tablet; T. 100 N., R. 37 W., in NW $\frac{1}{4}$ sec. 12, at W. edge Grovers Lake, about 0.25 mi N. of curve to E. in rd., punched hole in 30 in. corrugated metal pipe culvert, 15 ft W. of center rd., painted "UE MHD" 1424.32
- 3 1.6 UE MHD 2 Y, 0.8 mi S. and 0.8 mi E. of tablet; T. 100 N., R. 37 W., near quarter cor. secs. 12 and 13, 42 ft S. and 36 ft W. of T-rd. W., rail spike on power pole, painted "UE MHD 2 Y" 1446.20
- 4 2.7 UE MHD 2 X, 1.8 mi S. and 0.8 mi E. of tablet; T. 100 N., R. 37 W., near quarter cor. secs. 13 and 24; 13 ft S. and 138 ft E. of T-drive E., (opposite T-rd. W., rail spike in power pole, painted "UE MHD 2 X" 1485.00

LINE 2 (Cont'd)

FEET

SPIRIT LAKE QUAD. - 274

- | | | | | |
|----|-----|-----|---|----------|
| 3 | 5 | 3.1 | Spirit Lake, 3.5 mi N. and 1.75 mi W. from W. jct. of U. S. Hwy. 71 and Iowa Hwy. 9; 2.0 mi W. of Marble Beach Camp Ground on W. shore of Big Spirit Lake, 2.3 mi S. and 0.8 mi E. of tablet; T. 100 N., R. 37 W., near center of sec. 24; 173 ft N. and 42 ft W. of T-rd. E., 42 ft W. and 25 ft S. of drive to Orville Fliss Farm place, 54 ft NE. of NE. cor. of porch, 65 ft S. of SE. cor. of a barn, a standard tablet set in concrete post about flush with ground, stamped "70 DWB 1967", painted "EM 70" | 1473.141 |
| 6 | 3.2 | | Reference Mark, 87 ft WSW. of mark, top of NW. cor. of doorstep at rear entrance to farmhouse, not painted | 1473.55 |
| 8 | 4.2 | | UE 70 A, 1.1 mi E. of tablet, T. 100 N., R. 36 W., near center sec. 19, chiseled square on 60 in. concrete pipe culvert, 20 ft S. of rd., painted "UE 70 A" | 1414.00 |
| 9 | 5.0 | | UE 70 B, 1.9 mi E. of tablet, T. 100 N., R. 36 W., near center sec. 20, rail spike at center Iowa Hwy. 276 and T-rd. W., painted "UE 70 B Centerline" | 1446.78 |
| 10 | 5.2 | | Spirit Lake, 4.4 mi N. along Iowa Hwy. 276 from courthouse at; on the W. bank of Big Spirit Lake, T. 100 N., R. 36 W., near the center of sec. 20, 87 ft E. of Iowa Hwy. 276; 92 ft of main entrance to Marble Beach Camp Ground, about 350 ft W. of U.S.G.S. Water Resources gage house, 55 ft S. of a 6 in. box elder, 16 ft N. of a power pole, a standard tablet in concrete post, stamped "71 DWB 1967 1417", painted "EM 71" | 1416.962 |
| 11 | 5.3 | | Reference Mark 1, 350 ft E. of mark, 10 ft S. of SE. cor. of gage house, bolt head in 24 in. tree; painted "RM 1" | 1406.30 |
| 12 | 5.3 | | Reference Mark 3, 350 ft E. of mark, 12 ft W. of W. side of gage house, head of bolt in 18 in. tree, painted "RM 3" | 1407.780 |
| 13 | 5.4 | | Water level, Big Spirit Lake, 9-5-67 | 1400.00 |
| 14 | 5.4 | | Spirit Lake, 4.5 mi N. of, 2.5 mi E. of; on E. bank of Big Spirit Lake; T. 100 N., R. 36 W., near quarter cor. secs. 13 and 14, at the Sand Bar Beach Resort, at a steel truss bridge just W. of a co. rd. and concrete bridge, 21 ft S. and 10 ft W. and 2.4 ft lower than center bridge, standard tablet set in concrete abutment, stamped "72 DWB 1967 1404", not painted | 1404.447 |
| 15 | 5.4 | | Reference Mark, 170 ft E. of mark, at the bridge on the co. rd., chiseled square on SE. concrete curb, painted "RM" | 1408.01 |
| 16 | 5.8 | | UE 72 A, 0.5 mi NE. of tablet, T. 100 N., R. 36 W., near cor. secs. 11, 12, 13 and 14; iron rod at center blacktop rd. and T-rd. E., painted "UE 72 A Centerline" | 1410.13 |
| 17 | 6.8 | | UE 72 B, 0.4 mi N. and 1.1 mi E. of tablet, T. 100 N., R. 36 and 37 W., near cor. secs. 7, 12, 13 and 18; 27 ft N. and 30 ft W. of crossroads, chiseled square on 18 in. concrete pipe culvert, painted "UE 72 B" | 1425.50 |
| 19 | 7.8 | | Spirit Lake, 4.6 mi N. and 5.5 mi E. of jct. U. S. Hwy. 71 and Iowa Hwy. 276 at; 4.0 mi N. and 1.0 mi W. of jct. U. S. 71 N. and Iowa Hwy. 9 E., about 0.4 mi N. and 2.2 mi E. of tablet, T. 100 N., R. 35 W., near cor. secs. 7, 8, 17 and 18; 93 ft N. and 31 ft W. of crossroads, 51 ft N. of a SE. fence cor., 75 ft N. of the top of a 24 in. concrete pipe culvert, 31 ft N. of a power pole anchor, 1 ft E. of a fence and witness sign, standard tablet set in concrete post projecting 2 in., stamped "73 DWB 1967 1461" | 1460.610 |

SPIRIT LAKE QUADRANGLE

27¹/₄ - IOWALINE 2 (Cont'd)FEETSPIRIT LAKE QUADRANGLE - 27¹/₄

- 3 18 7.8 Reference Mark, 116 ft S. of mark, 18 ft S. and 32 ft W. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "RM" 1460.01

ESTHERVILLE QUAD. - 273

- 20 8.8 UE 38 A, 1.3 mi S. of tablet, T. 100 N., R. 35 W., near cor. secs. 8, 9, 16 and 17, 54 ft S. and 15 ft W. of crossroads, chiseled square on top of concrete catch basin, painted "UE 38 A" 1471.81

LINE 3

SPUR AT NORTH CENTER OF QUADRANGLE (D. W. Bennett, 1967; Book CV-2220) DOUBLE RUN

SPIRIT LAKE QUAD. - 27¹/₄

- 3 23 0.0 Water level, Big Spirit Lake, 9-5-67 1400.0
- 0.1 Spillway, low point of concrete spillway located at Orleans, about 600 ft NE. of State Fish Hatchery 1400.02
- 0.2 Superior, 7.6 mi W. along the Chicago, Rock Island, & Pacific RR. from the station at; Dickinson County, 93 ft SE. of the SE. end of the station at Orleans, 50 ft S. of the center of U. S. Hwy. 71, 35.5 ft E. of the center of a street, and 16.2 ft NE. of the NE. rail of the main track; a standard disk stamped "A 20 1934" and set in the top of a concrete post projecting 5 in. above ground (NOTE: Due to construction work in the area of this mark, the Dickinson Co. Engineer thought this mark disturbed. This check would indicate that the disturbance was small if any 9-67, DWE) 1412.920

LINE 4

SOUTH THROUGH CENTER OF QUADRANGLE (D. W. Bennett, 1967; Book CV-2220)

SPIRIT LAKE QUAD. - 27¹/₄

- 3 24 0.0 At Spirit Lake, Dickinson County, 312 ft E. of the E. side of the courthouse, 176 ft E. of the center of Hill Street, 133.5 ft S. of the center of Court Street, 49.6 ft SE. of the SE. cor. of the Carnegie Library, and in the NE. cor. of the shoulder of the concrete anchor of the NE. leg of the city water tank; a standard USC&GS disk stamped "SPIRIT LAKE 1934" and set in the top of a concrete post projecting 4 in. above ground 1470.433
- 24 1.2 UE Spirit Lake A, 1.2 mi W. of tablet, T. 100 and 99 N., R. 36 W., in SW¹/₄ sec. 5, at the W. jct. U. S. Hwy. 71 and Iowa Hwy. 9, about 60 ft NW. of an A & W Drive-in, 15 ft SE. of center of eastbound ramp, chiseled square on top of concrete catch basin, painted "UE A" 1459.11
- 25 2.2 Spirit Lake, 1.0 mi S. along U. S. Hwy. 71 from W. jct. Iowa Hwy. 9 at; T. 99 N., R. 36 W., near W. sixteenth cor. at center sec. 8; 27 ft S. and 58 ft E. of U. S. Hwy. 71 and T-rd. W., 48 ft N. of NW. cor. of a barn, 10 ft N. of hwy. station mark 580, 4 ft N. of a power pole, 2 ft W. of right-of-way fence, standard tablet set in concrete post, stamped "66 DWB 1967 1433" 1432.550
- 26 2.4 Reference Mark, 1260 ft S. of mark, at a dip in the hwy., 20 ft E. of center of hwy., chiseled square on S. end of 2 x 2 box culvert headwall, painted "RM" 1417.46
- 27 3.3 UE 66 A, 0.9 mi S. of tablet, T. 99 N., R. 36 W., near W. sixteenth cor. at center sec. 17, 46 ft N. and 46 ft E. of T-rd. E., top of orange painted RR. rail driven in ground, painted "UE 66 A" 1433.95

LINE 4 (Cont'd)

FEET

SPIRIT LAKE QUAD. - 274

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|----------|---|----------|
| 3 29 4.6 | Arnold Park at, near S. cor. of Clair C. Wilson Park. in SW $\frac{1}{4}$ sec. 20, T. 99 N., R. 36 W.; 148 ft N. of RR. crossing, 49 ft E. of U. S. Hwy. 71; 16 ft W. of center of RR., 2 ft W. of U.S.G.S. Survey marker on steel post; in concrete post flush with ground, standard tablet stamped "ET 2 DLH 1966 1403" | 1402.421 |
| ✓ 28 4.4 | Reference Mark, 850 ft N. of mark, at the concrete bridge over Okoboji Lakes, chiseled square on E. sidewalk at center of bridge, painted "RM" | 1410.08 |
| ✓ 30 5.1 | UE ET 2 A, 0.5 mi SE. of tablet, T. 99 N., R. 36 W., near cor. secs. 19, 20, 29 and 30; at a concrete bridge over East Okoboji Lake, chiseled square on N. curb at center of bridge, painted "ET 2 A" | 1407.13 |
| 31 5.6 | UE ET 2 B, 1.0 mi SE. of tablet, T. 99 N., R. 36 W., near cor. secs. 20, 21, 28 and 29; iron pin at center blacktop rd. and T-rd. S., painted "UE ET 2 B" | 1456.39 |
| 32 7.8 | UE ET 2 C, 1.5 mi S. and 0.8 mi E. of tablet; T. 99 N., R. 36 W., near N. sixteenth cor. secs. 32 and 33; 18 ft N. and 39 ft W. of T-rd. E. (rd. dim E.), chiseled square on 24 in. concrete pipe culvert, painted "UE ET 2 C" | 1431.68 |
| 33 8.6 | Milford, 1.0 mi N. and 2.0 mi E. of Jct. U. S. Hwy. 71 and Co. Rt. "B" at; T. 98 and 99 N., R. 36 W., near cor. secs. 4, 5, 32 and 33; 45 ft S. and 51 ft W. of T-rd. E., 55 ft S. of T-fence W., 7 ft E. of a power pole, standard tablet set in concrete post stamped "67 DWB 1967 1470", painted "BM 67" | 1470.357 |
| 34 8.6 | Reference Mark, 200 ft S. of mark, punched hole in 18 in. corrugated metal pipe culvert, 13 ft N. and 33 ft W. of drive W., painted "RM" | 1461.26 |
| 35 9.6 | UE 67 A, 1.0 mi S. of tablet, T. 98 N., R. 36 W., near cor. secs. 4, 5, 8 and 9, iron pin at center blacktop rd. and N.-S. gravel rd. (Co. Rt. B), painted "UE 67 A" | 1465.42 |
| 36 10.1 | UE 67 B, 1.5 mi S. of tablet, T. 98 N., R. 36 W., near quarter cor. secs. 8 and 9, 2 ft N. and 30 ft E. of T-rd. W., rail spike in power pole, W. side; painted "UE 67 B" | 1476.37 |
| 38 11.1 | Milford, 1.5 mi S. and 2.0 mi E. of Jct. U. S. Hwy. 71 and Co. Rt. "B" at; T. 98 N., R. 36 W., near quarter cor. secs. 16 and 17, 35 ft W. of SE. fence cor., 20 ft W. of field entrance N., standard tablet set in concrete post, stamped "68 DWB 1967 1442", painted "BM 68" | 1442.394 |
| 37 11.0 | Reference Mark, 90 ft E. of mark, 28 ft N. and 27 ft E. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "RM" | 1440.78 |
| 39 11.6 | UE 68 A, 0.5 mi S. of tablet, T. 98 N., R. 36 W., near cor. secs. 16, 17, 20 and 21; 122 ft S. and 12 ft E. of crossroads, chiseled square on E. headwall of 6 x 4 concrete box culvert, painted "UE 68 A" | 1432.71 |
| 40 12.6 | UE 68 B, 1.5 mi S. of tablet, T. 98 N., R. 36 W., near cor. secs. 20, 21, 28 and 29, 40 ft S. and 18 ft W. of crossroads, chiseled square on 18 in. concrete pipe culvert, painted "UE 68 B" | 1442.66 |
| 41 13.6 | UE 68 C, 2.5 mi S. of tablet, T. 98 N., R. 36 W., near cor. secs. 28, 29, 32 and 33; iron pin in center blacktop rd., painted "UE 68 C" | 1445.96 |
| 42 14.2 | Milford, 4.6 mi S. and 2.0 mi E. of Jct. U. S. Hwy. 71 and Co. Rt. "B" at; T. 98 N., R. 36 W., near quarter cor. secs. 32 and 33; 37 ft E. and 16 ft N. of rd. at field entrance E., 6 ft N. of the N. gate post and 5 ft S. of a large fence post, standard tablet set in concrete post, stamped "69 DWB 1967 1441" | 1440.797 |

SPIRIT LAKE QUADRANGLE
274 - IOWALINE 4 (Cont'd)FEETSPIRIT LAKE QUAD. - 274

- 3 43 14.2 Reference Mark, 250 ft SW. of mark, at the last cottonwood of a row of trees, rail spike driven vertically in E. root, painted "RM" 1441.15

SPENCER QUAD. - 251

- 44 15.0 UE 69 A, 0.8 mi S. of tablet, T. 97 N., R. 36 W., near quarter cor. secs. 4 and 5, 15 ft S. and 21 ft E. of drive W., rail spike in guaged power pole, painted "UE 69 A" 1445.64
- 45 15.5 UE 69 B, 1.3 mi S. of tablet, T. 97 N., R. 36 W., near cor. secs. 4, 5, 8 and 9; head of bolt at center blacktop rd., painted "UE 69 B" 1421.56
- 46 16.4 Fostoria, 1.1 mi E. of; 0.2 mi E. of crossroads cor. secs. 5, 6, 7 and 8; T. 97 N., R. 36 W., 98 ft W. of most westerly of twin 36 in. concrete pipe culverts, 49 ft S. of a blacktop rd., 3 ft W. of a pole, 1.5 ft N. of a fence, standard tablet set in concrete post, stamped "4 GJS 1964 RESET 1967" 1423.633
- 48 17.5 UE 7 B, 2.0 mi E. of tablet; at Fostoria; center of crossroads; chiseled cross, painted "UE Centerline 1442.2" 1442.12

LINE 5

SOUTH ALONG EAST BORDER (D. W. Bennett, 1967; Book CV-2220)

ESTHERVILLE QUAD. - 273

- 3 49 0.0 Superior, 1.9 mi W. along the C.R.I. & P. RR. from the station at; Dickinson County, 115 yards SE. of MP 215+30, 65.5 ft NW. of the center of a farm rd. crossing, 45.2 ft N. of the N. rail of the main track, and 1.5 ft S. of the right-of-way fence; a standard USC&GS disk, stamped "X 19 1934" and set in the top of a concrete post projecting about 4 in. above ground 1514.620
- 50 1.5 UE Z 19 A, 1.2 mi S. and 0.25 mi W. of tablet; T. 99 N., R. 35 W., near cor. secs. 4, 5, 8 and 9; 40 ft N. and 24 ft E. of crossroads, chiseled square on 30 in. concrete pipe culvert, painted "UE Z 19 A" 1495.39
- 51 2.4 UE Z 19 B; 2.2 mi S. and 0.25 mi W. of tablet; T. 99 N., R. 35 W., near cor. secs. 8, 9, 16 and 17; 30 ft N. and 30 ft E. of T-rd. E., rail spike in power pole W. side, painted "UE Z 19 B" 1518.78
- 53 2.9 Superior, 2.0 mi S. and 2.25 mi W. of; T. 99 N., R. 35 W., near cor. secs. 8, 9, 16 and 17; about 2.0 mi S. of jct. U. S. Hwy. 71 N. and Iowa Hwy. 9, 161 ft N. and 32 ft E. of T-rd. W., 7 ft E. of a power pole at the top of the ditch bank, standard tablet set in top of concrete post, stamped "77 DWB 1967 1507", painted "EM 77" 1507.194
- 52 2.9 Reference Mark, 360 ft NW. of mark, on opposite side of rd., 16 ft W. of rd., chiseled square on 24 in. concrete pipe culvert, painted "RM" 1497.58
- 54 3.5 UE 73 A, 0.5 mi S. of tablet; T. 99 N., R. 35 W., near cor. secs. 16, 17, 20 and 21; 40 ft S. and 19 ft W. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "UE 73 A" 1479.53
- 56 4.7 Milford, 3.0 mi N. and 8.0 mi E. of; 4.5 mi N. and 1.0 mi W. of Terril; 1493 ft S. and 17 ft E. of crossroads, near cor. secs. 20, 21, 28 and 29; T. 99 N., R. 35 W.; 139 ft S. and 3 ft W. of T-fence E., 2.2 ft W. of U.S.G.S. Survey marker on metal post, in concrete post set flush with ground, standard tablet stamped "ET 9 DLH 1966 1480" 1480.195
- 55 4.4 Reference Mark, 1500 ft N. of mark, 35 ft N. and 23 ft E. of crossroads, chiseled square on an 18 in. concrete pipe culvert, painted "RM" 1475.84

LINE 5 (Cont'd)

FEET

ESTHERVILLE QUAD. - 273

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| 3 | 57 | 5.4 | UE ET 9 A, 0.7 mi S. of tablet, T. 99 N., R. 35 W., near cor. secs. 28, 29, 32 and 33; 26 ft N. and 30 ft W. of crossroads, chiseled square on 24 in. concrete pipe culvert, painted "UE ET 9 A" | 1448.33 |
| 58 | 6.4 | UE ET 9 B, 1.7 mi S. of tablet, T. 99 N., R. 35 W., near cor. secs. 4, 5, 32 and 33; 66 ft N. and 33 ft W. of crossroads, chiseled square on 18 in. concrete pipe culvert, under field entrance W., painted "UE ET 9 B" | 1447.04 | |
| 60 | 7.2 | Terrill, 1.6 mi N. and 1.25 mi W. of; Milford, 8.0 mi E. along Co. Rt. "B", thence 0.2 mi N. along sod rd. from jct. U. S. Hwy. 71 at; T. 98 N., R. 35 W., about 0.25 mi N. cor. secs. 4, 5, 8 and 9; 23 ft S. and 23 ft E. of center sod rd. at field entrance E., at a crest in the rd., 1 ft W. of a fence, standard tablet set in concrete post stamped "74 DWB 1967 1424", painted "EM 74" | 1423.936 | |
| 59 | 7.2 | Reference Mark, 290 ft N. of mark, at a 4 x 8 concrete box culvert, chiseled square at center of W. headwall, 1 ft higher than center rd., painted "RM" | 1423.01 | |
| 61 | 8.4 | UE 74 A, 1.2 mi S. of tablet, T. 98 N., R. 35 W., near cor. secs. 8, 9, 16 and 17; 33 ft S. and 66 ft W. of T-rd. N., (drive S.), rail spike in telephone pole, E. side; painted "UE 74 A" | 1432.07 | |
| 62 | 9.2 | Terrill, 0.25 mi S. of; 1.25 mi W. of, 2.0 mi S. of tablet; T. 98 N., R. 35 W., near S. sixteenth cor. secs. 16 and 17; at a dead end sec. line rd., 98 ft N. and 32 ft W. of center rd. at drive E. at NW. cor. of the rd. right-of-way, 3 ft S. and 1 ft E. of cor. fence post, a standard tablet set in concrete post, stamped "75 DWB 1967 1447", painted "EM 75" | 1447.138 | |
| 63 | 9.2 | Reference Mark, 98 ft SE. of mark, chiseled square on 15 in. concrete pipe culvert under drive, painted "RM" | 1447.79 | |
| 65 | 10.5 | UE 75 A, 1.25 mi S. of tablet, T. 98 N., R. 35 W., near cor. secs. 20, 21, 28 and 29; 36 ft S. and 38 ft W. of crossroads, rail spike in power pole, painted "UE 75 A" | 1413.22 | |
| 67 | 11.5 | Terrill, 2.5 mi S. of; 1.25 mi W. of; 2.25 mi S. of tablet; T. 98 N., R. 35 W., near cor. secs. 28, 29, 32 and 33; 30 ft S. and 40 ft W. of T-rd. E., 8 ft S. of center gate, 8 ft W. of fence cor., 4 ft NW. of a guy pole, 1 ft N. of fence and witness sign, standard tablet set in concrete post, projecting 6 in., stamped "76 DWB 1967 1393", painted "EM 76" | 1393.041 | |
| 66 | 11.5 | Reference Mark, 24 ft NE. of mark, at 18 in. concrete pipe culvert under field entrance W., chiseled square 12 ft N. of entrance W., painted "RM" | 1390.97 | |
| 68 | 12.5 | UE 76 A, 1.0 mi S. of tablet, T. 97 and 98 N., R. 35 W., near cor. secs. 4, 5, 32 and 33; 25 ft N. and 36 ft E. of crossroads, chiseled square on 36 in. concrete pipe culvert, painted "UE 76 A" | 1395.42 | |

SPENCER QUAD. - 251

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| 69 | 13.5 | Fostoria, about 7.5 mi E. of; near quarter cor. secs. 5 and 8, T. 97 N., R. 35 W.; 32 ft N. of center of E.-W. rd., 10 ft E. of center of gate at field entrance N.; 2 ft S. of fence line; in concrete post; standard tablet stamped "ET 15 HK 1964 1388" | 1387.476 |
|----|------|--|----------|

13
SPIRIT LAKE QUADRANGLE
274 - IOWA

LINE 6

FEET

SPUR NEAR SOUTHEAST CORNER OF QUADRANGLE (D. W. Bennett, 1967; Book GV-2220)

ESTHERVILLE QUAD. - 273

- 3 74 0.0 Terril, 2.4 mi SW. along the Minneapolis and St. Louis RR. from the station at; Dickinson County, 376 yards SW. of MP 185; 65 ft SW. of the center of a farm-rd. crossing, 43.5 ft SW. of the center of the gate to the rd., 46.3 ft NW. of the NW. rail and 1 ft SE. of the right-of-way fence; a standard US&GS disk stamped "Q 21 1934" and set in the top of a concrete post projecting 3 in. above ground 1392.474
- 74 0.6 UE 75 A (Described in Line 5) 1413.22

LINE 7

WEST ALONG WEST HALF NORTH BORDER (D. W. Bennett, 1967; Book GV-2218)

LAKEFIELD QUAD. - 17 MINN.

- 6 24 14.0 Jackson, 6.5 mi S. and 6.5 mi W. of S. Jct. U. S. Hwy. 71 and 16 at; about 1.0 mi W. of Loon Lake Outlet, T. 101 N., R. 36 W., near center sec. 26, about 300 ft SE. of the Rene B. Bordwell farmhouse, 162 ft SW. and normal to E. Jackson Co. No. 4, 27 ft N. and 142 ft E. of E.-W. gravel rd. at T-drive N., 5 ft E. of power pole, 4 ft E. of witness sign, standard tablet set in concrete post flush with ground, stamped "48 DWB 1967 1432" painted "EM 48" 1431.547
- 25 14.9 UE 48 A, 0.85 mi SW. of tablet, at the N. shore of Little Spirit Lake, T. 101 N., R. 36 W., near cor. secs. 26, 27, 34 and 35; about 150 ft N. of the water line, 10 ft N. of center rd., chiseled square on 18 in. concrete pipe culvert, painted "UE 48 A" 1411.09
- 26 15.6 UE 48 B, 1.6 mi SW. of tablet, T. 101 N., R. 36 W., near quarter cor. secs. 27 and 34, 36 ft S. and 27 ft W. of T-rd. N., Rail spike in power pole, N. side, painted "UE 48 B" 1447.70
- 27 16.3 UE 48 C, 2.3 mi SW. of tablet, T. 101 N., R. 36 W., near E. sixteenth cor. 28 and 33; 27 ft S. and 39 ft E. of T-drive N., rail spike in telephone pole N. side, painted "UE 48 C" 1460.50
- 28 17.2 Lakefield, 11.2 mi S. along Minnesota Hwy. 86 from RR. crossing at Jackson, 7.0 mi S. and 9.0 mi W. from S. Jct. U. S. Hwys. 71 and 16 at; T. 101 N., R. 36 W., near cor. secs. 28, 29, 31 and 32; 1.0 mi N. of S. state line, 154 ft N. and 72 ft W. of crossroads, 109 ft NW. of W. end of concrete pipe culvert under Hwy. 86, 29 ft N. of a telephone pole, 13 ft E. of a fence, a standard Minnesota Hwy. Department brass tablet set in concrete post flush with ground, not stamped, painted "EM MHD 1" Elev. by USGS 1435.053
- 29 17.2 Reference Mark, 109 ft SE. of mark, chiseled square on W. end of concrete pipe culvert, just N. of crossroads, painted "RM" 1434.06
- 30 18.3 Lakefield, 12.3 mi S. along Minn. Hwy. 86 from RR. crossing at; at the Iowa-Minnesota State line; 1.1 mi S. of tablet, T. 100 and 101 N., R. 36 W., R. 37 W., near cor. secs. 32 and 33, and E. sixteenth cor. sec. 11; 79 ft ESE. of SE. cor. of Rudy's State Line Club, 73 ft N. of Minn. Hwy. 86, 39 ft SW. of a Grain Belt beer sign, 36 ft SE. of a 3 car garage, a standard Minn. State Hwy. Department brass cap set in concrete post, painted "EM (MHD) 2" Elev. by USGS 1464.689
- 31 18.3 Reference Mark, 110 ft W. of mark, top of SE. cor. of bottom step to private entrance at Rudy's State Line Club 1462.58

LINE 7 (Cont'd)

FEET

LAKEFIELD QUAD. - 17 MINN.

- 6 32 19.1 UE MHD 2 A, 0.9 mi W. of tablet, T. 100 and 101 N., R. 36 and 37 W., near cor. secs. 31 and 32; and E. sixteenth cor. of sec. 10, rail spike in power pole N. side, 27 ft S. and 33 ft E. of T-rd. N., painted "UE MHD 2 A" 1428.77
- 33 19.6 UE MHD 2 B, 1.4 mi W. of tablet, T. 100 and 101 N., R. 36 and 37 W., near quarter cor. sec. 31 and W. sixteenth cor. sec. 10, at a wooden bridge over Little Sioux River, head of rail spike at NW. cor. of bridge, in top of last guard rail support, painted "UE MHD 2 B", water -15.4 ft 8-10-67 1403.47
- 35 20.2 Lake Park, 3.25 mi N., 6.0 mi E. of; Lakefield, 12.3 mi S. along Minn. Hwy. 86 to Iowa State Line, thence 2.0 mi W. along State Line Rd. at; T. 100 and 101 N., R. 36 and 37 W., near cor. secs. 31 and 36, and E. sixteenth cor. sec. 9, at a point where State Line Rd. turns N. into Minnesota, 54 ft SW. and normal to the curve, 29 ft N. and 3 ft E. of center gate W., 18 ft S. of a telephone pole, 15 ft N. and 3 ft E. of SE. fence cor., 2 ft E. of a witness sign, standard tablet set in concrete post projecting 3 in., stamped "49 DWB 1967 1416", painted "EM 49" 1416.468
- 34 20.1 Reference Mark, 200 ft NNE. of mark, on opposite side of rd., punched hole in E. end of 18 in. corrugated metal pipe culvert, painted "RMT" 1415.88
- 36 21.0 UE 49 A, 0.9 mi W. of tablet, T. 100 N., and 101 N., R. 37 W., near cor. secs. 8 and 9 and W. sixteenth cor. sec. 36; 36 ft N. of center E.-W. rd., rail spike in cor. post at T-fence N., painted "UE 49 A" 1470.58

OKABENA QUAD. - 18 MINN.

- 37 22.2 Round Lake, 2.75 mi S. and 10.75 mi E. of; about 260 ft W. of S. cor. secs. 34 and 35, T. 101 N., R. 37 W., in NE $\frac{1}{4}$ sec. 7, T. 100 N., R. 37 W., 42 ft S. of sod rd.; 12 ft S. and 0.5 ft E. of T-fence S.; about 0.5 ft lower than rd.; in concrete post; standard tablet stamped "TT 34 MC 1958 1468" 1467.904

LINE 8

SOUTH ALONG NORTH QUARTER EAST BORDER (D. W. Bennett, 1967; Book CV-2218)

JACKSON QUAD. - 16 MINN.

- 6 66 9.6 Jackson, 9.6 mi S. of along U. S. Hwy. 71 from S. jct. of U. S. 16 at; at the Iowa-Minn. State line, 2.4 mi S. of tablet; T. 100 and 101 N., R. 35 W., near cor. secs. 8, 9, 35 and 36; in the NE. cor. of a small park on Minnesota side of line, 431 ft N. of State Line Rd., 143 ft E. of U. S. Hwy. 71, 193 ft NE. of a stone monument (Welcome to Minn.) 28 ft NE. of a 6 in. elm, 8 ft S. of a witness sign, standard tablet set in concrete post flush with ground, stamped "38 DWB 1967 1439", not painted 1438.521
- 67 9.6 Reference Mark, 193 ft SW. of mark, chiseled on NE. cor. of "Welcome to Minnesota" stone monument 1446.71

ESTHERVILLE QUAD. - 273

- 68 10.6 UE 38 A, 1.0 mi S. of tablet, T. 100 N., R. 35 W., near cor. secs. 8, 9, 16 and 17; 54 ft S. and 15 ft W. of crossroads, chiseled square on top of concrete catch basin, painted "UE 38 A" 1471.81
- 69 11.5 UE 38 B; 1.9 mi S. of tablet, T. 100 N., R. 35 W., near cor. secs. 16, 17, 20 and 21; iron pin at center crossroads, painted "UE 38 B" 1487.19

LINE 8 (Cont'd)FEETESTHERVILLE QUAD. - 273

- 6 70 12.3 Jackson, 12.3 mi S. along U. S. Hwy. 71 from S. Jct. U. S. 16 at; 2.7 mi S. of Minn. State Line, T. 100 N., R. 35 W., near S. sixteenth cor. secs. 20 and 21; 1080 ft N. and 68 ft W. of crossroads, about 300 ft N. of crest of a hill, 47 ft NW. of a 24 in. concrete pipe culvert under the hwy., at a slight dip, a standard tablet set in concrete post, 2 ft E. of fence, stamped "39 DWE 1967 1500", painted "EM 39" 1500.292
- 71 12.3 Reference Mark, 47 ft SE. of mark, chiseled square on W. end of 18 in. concrete pipe culvert, painted "RM" 1503.12
- 73 13.6 UE 39 A, 1.2 mi S. of tablet, T. 100 N., R. 35 W., near cor. secs. 28, 29, 32 and 33; chiseled "X" at center of U. S. 71 and E.-W. gravel rd., painted "UE 39 A" 1512.88
- 74 14.5 UE 39 B, 2.2 mi S. of tablet, T. 99 and 100 N., R. 35 W., near cor. secs. 4, 5, 32 and 33; top of S. rail at center U. S. 71, painted "UE Centerline" 1512.19
- 75 14.9 Superior, 1.9 mi W. along the C. R. I. & P. RR. from the station at; Dickinson County, 115 yards SE. of MP 215+30, 65.5 ft NW. of the center of a farm rd. crossing, 45.2 ft N. of the N. rail of the main track, and 1.5 ft S. of the right-of-way fence; a standard USC&GS disk stamped "X 19 1934" and set in the top of a concrete post projecting about 4 in. above ground 1514.620

LINE 9

WEST ALONG EAST HALF SOUTH BORDER (G. J. Schoessler, 1964; Book GV-1768)

RUTHVEN QUAD. - 250

- 14.2 UE 2 F, 2.9 mi N. of; near cor. secs. 8, 9, 16 and 17; 6.0 ft higher than water; center of wooden bridge 1363.0
- 15.1 UE 2 G, 3.9 mi N. of tablet; near cor. secs. 4, 5, 8 and 9; T. 97 N., R. 35 W., 175.3 ft S. and 18.8 ft W. and 3.3 ft lower than crossroads; top of steel culvert 1374.68

SPENCER QUAD. - 251

- 15.5 Fostoria, about 7.5 mi E. of; near quarter cor. secs. 5 and 8, T. 97 N., R. 35 W., 32 ft N. of center of E.-W. rd., 10 ft E. of center of gate at field entrance N.; 2 ft S. of fence line, in concrete post, standard tablet stamped "ET 15 HK 1964 1388" 1387.476
- 16.1 UE 15 A, 0.6 mi W. of tablet; near cor. secs. 5, 6, 7 and 8; T. 97 N., R. 35 W.; center of crossroads 1404.2
- 17.0 UE 15 B, 1.6 mi W. of tablet; near cor. secs. 1, 6, 7 and 12; 19 ft E. and 8 ft N. and 0.2 ft higher than center of bridge over drain; 9.5 ft higher than water; top of concrete headwall; chiseled square 1361.86
- 18.0 UE 15 C, 2.5 mi W. of tablet; near cor. secs. 1, 2, 11 and 12; 40 ft S. and 33 ft E. and 3.2 ft lower than crossroads; top of concrete culvert, painted square 1390.20
- 18.0 Fostoria, 5.0 mi E. of; T. 97 N., R. 36 W., near cor. secs. 1, 2, 11 and 12; 320 ft S. and 68 ft E. of crossroads; top of SW. cor. of concrete step of schoolhouse; a standard tablet embedded, stamped "3 GJS 1964 1399" 1399.190
- 19.0 UE 3 A, 1.0 mi W. of tablet; near cor. secs. 2, 3, 10 and 11; 43 ft S., 37 ft E. and 3.4 ft lower than crossroads; top of concrete culvert, square painted 1392.07
- 20.1 UE 3 B, 2.0 mi W. of tablet; near cor. secs. 3, 4, 9 and 10; 38 ft S. and 27 ft E. and 5.6 ft lower than crossroads; top of concrete culvert; square painted 1387.71

LINE 9 (Cont'd)

FEET

SPENCER QUAD. - 251

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| 21.1 | UE 3 C, 3.0 mi W. of tablet; near cor. secs. 4, 5, 8 and 9, 43 ft S. and 27 ft E. and 3.2 ft lower than crossroads; top of concrete culvert; square painted | 1417.37 |
| 22.0 | Fostoria, 1.1 mi E. of; 0.2 mi E. of crossroads cor. secs. 5, 6, 7 and 8; T. 97 N., R. 36 W., 98 ft W. of most westerly of twin 36 in. concrete pipe culverts; 49 ft S. of a blacktop rd., 3 ft W. of a pole, 1.5 ft N. of a fence, a standard tablet set in concrete post, stamped "4 GJS 1964 RESET 1967" | 1423.633 |
| 22.2 | UE 4 A, 0.1 mi W. of; near cor. secs. 5, 6, 7 and 8; 184 ft E. and 37 ft N. and 3.8 ft lower than crossroads; top of steel culvert; square painted (Reported disturbed 9-67, DWB) | 1428.18 |
| 23.2 | UE 4 B, 1.0 mi S. of tablet; near cor. secs. 7, 8, 17 and 18; center of crossroads; | 1419.1 |

LINE 10

EAST ALONG WEST HALF SOUTH BORDER (G. J. Scholesser, 1964; Book CV-1768)

SPENCER QUAD. - 251

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| 6.2 | UE 6 A, 2.0 mi N. of tablet; near cor. secs. 7, 8, 17 and 18; 42 ft N. and 25 ft W. and 0.5 ft lower than T-rd. S.; top of first concrete step at church, square painted | 1356.54 |
| 6.6 | UE 6 C, 2.0 mi N. and 0.4 mi E. of; near quarter cor. secs. 8 and 17, center of bridge over drain and 12 ft higher than water; square painted | 1337.43 |
| 7.1 | UE 6 D, 2.0 mi N. and 1.0 mi E. of; near cor. secs. 8, 9, 16 and 17; 22 ft S. and 26 ft W. and 3.2 ft lower than crossroads; top of concrete culvert; square painted | 1352.41 |
| 8.2 | UE 6 E, 3.0 mi N. and 1.0 mi E. of; near cor. secs. 4, 5, 8 and 9; 28 ft E., 25 ft S. and 4.5 ft lower than crossroads; top of concrete culvert; square | 1367.16 |
| 10.1 | Fostoria, 2.0 mi W. of; T. 97 N., R. 37 W., near cor. secs. 2, 3, 10 and 11; 330 ft W. and 29 ft N. of crossroads; a standard tablet embedded in concrete headwall; stamped "7 GJS 1964 RESET 1967 1425" | 1425.353 |
| 10.1 | Reference Mark, 26 ft S. and 21 ft W. and 4.0 ft lower than crossroads; top of concrete culvert; square painted | 1428.50 |
| 11.2 | UE 7 A, 1.0 mi E. of tablet; near cor. secs. 1, 2, 11 and 12; center of crossroads; square painted | 1435.0 |
| 12.2 | UE 7 B, 2.0 mi E. of tablet at Fostoria, center of crossroads; chiseled cross | 1442.12 |
| 13.2 | UE 4 A (Described in Line 9) | 1428.18 |