

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

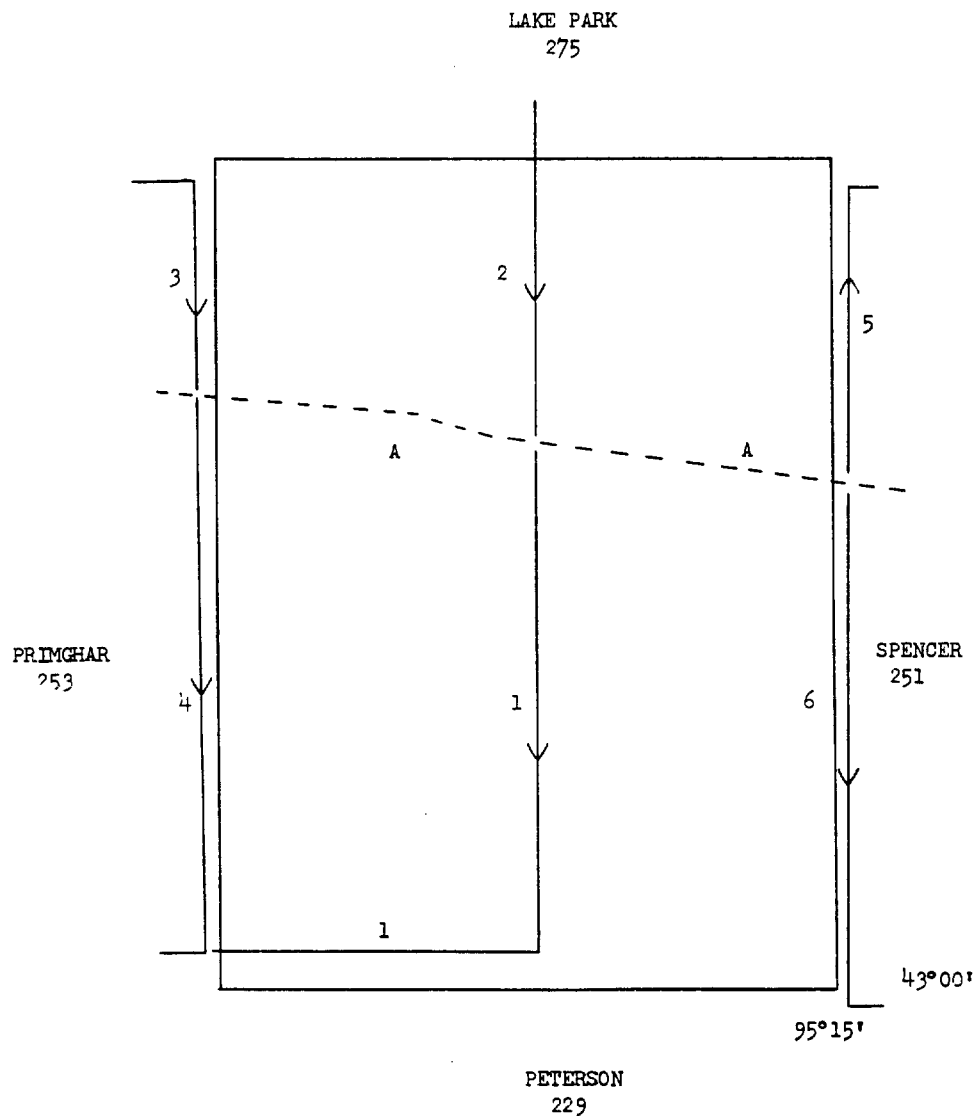
HARTLEY QUADRANGLE
252 - IOWA
N4000-W9515/15
DIAGRAM NK 15-1
FAIRMONT, MINN., IOWA

Dickinson and Osceola Counties

Final Adjustment of 1967

Edition of 1-15-68

PR: EBF/MP/ph



USC&GS LEVELING

A. Quadrangle No. 430952, based on supplementary adjustment of 1937

252 A

LINE 1

FEET

SOUTH THROUGH CENTER SOUTH HALF OF QUADRANGLE THEN WEST ALONG SOUTH BORDER (D. W. Bennett, 1967,
Book GV-2220)

HARTLEY QUAD. - 252

- 1 1 0.0 Everly, 1.5 mi W. along the Chicago, Milwaukee, St. Paul & Pacific RR. from the station at; Clay County, 893 ft E. of E. end of bridge, 13 ft SW. of MP 228, 45.8 ft S. of the S. rail, and 1.3 ft N. of the right-of-way fence; a standard disk stamped "Z 17 1934" and set in the top of a concrete post projecting 5 in. above ground 1356.687
- 1.0 UE Z 17 A, about 0.5 mi S. and 2.5 mi W. of Everly, T. 96 N., R. 38 W., near cor. secs. 5, 6, 7 and 8; 20 ft S. and 12 ft E. of T-rd. S., top of nail head of three nails in top of wood piling, at wingwall 1360.30
- 2 2.0 UE Z 17 B; 11.5 mi W. of Spencer along Clay Co. Rt. "Z", T. 96 N., R. 38 W., near cor. secs. 7, 8, 17 and 18; head of bolt at center Co. "Z" and N.-S. rd., painted "UE Z 17 B" 1405.42
- 3 2.8 UE Z 17 C; T. 96 N., R. 38 W., near S. sixteenth cor. secs. 17 and 18; chiseled square on 48 in. concrete pipe culvert, 24 ft W. of rd., painted "UE Z 17 C" 1415.73
- 5 3.4 Spencer, 11.5 mi W. along Co. Rd. 2, thence 1.35 mi S.; Everly, 2.5 mi S. along County Rd. "C"; thence 2.0 mi W., 0.35 mi S. of crossroads; cor. secs. 17, 18, 19 and 20; T. 96 N., R. 38 W.; 525 ft S. and 2 ft W. of T-fence E.; 11 ft N. and 31 ft E. of center of N.-S. rd. at field entrance E., 3 ft NW. of N. gate post, 1.3 ft W. of U.S.G.S. Survey marker on steel post, in concrete post set flush with ground, standard tablet stamped "ET 7 DLH 1966" 1434.606
- 4 3.2 Reference Mark, 800 ft N. of mark and on opposite side of rd., 10 ft W. and at N. end of concrete box culvert headwall, chiseled square 1425.99
- 6 3.8 UE 7 A, T. 96 N., R. 38 W., near cor. secs. 19, 20, 29 and 30; 0.5 mi S. of tablet; top of S. rail at center RR. crossing, painted "UE 7 A" 1443.64
- 7 5.0 UE 7 B, T. 96 N., R. 33 W., near cor. secs. 29, 30, 31 and 32; 31 ft N. and 12 ft E. of crossroads, chiseled square on concrete box culvert headwall, painted "UE 7 B" 1437.26
- 8 5.7 Royal, 1.5 mi N. and 4.25 mi W. of; Everly, 5.25 mi S., 2.5 mi W. of; 2.3 mi S. of tablet, T. 95 and 96 N., R. 38 W., near cor. secs. 5, 6, 31 and 32; 0.3 mi N. of crossroads, at the J. R. Thorne farmplace, 34 ft S. and 64 ft E. of rd. at drive E., 32 ft SW. of SW. cor. white frame house, 60 ft S. of evergreen tree, 1 ft N. and 26 ft E. of a NW. fence cor., standard tablet set in concrete post flush with ground, stamped "40 DWB 1967 1430", not painted 1430.304
- 9 5.9 Reference Mark, 9.50 ft S. of mark, at slight dip in rd., chiseled square on 24 in. concrete culvert, 15 ft E. of rd., painted "RM" 1426.63
- 10 7.0 UE 40 A, 1.3 mi S. of tablet; T. 95 N., R. 38 W., near cor. secs. 5, 6, 7 and 8; at a small concrete bridge over Willow Creek, chiseled square near S. end of bridge on W. concrete curb, painted "UE 40 A", drain -7.8 ft 8-4-67 1406.70
- 11 8.0 UE 40 B, 2.3 mi S. of tablet; T. 95 N., R. 38 W., near cor. secs. 7, 8, 17 and 18; 200 ft N. and 12 ft E. of crossroads, chiseled square on headwall of concrete box culvert, painted "UE 40 B" 1419.04

LINE 1 (Cont'd)

FEET

HARTLEY QUAD. - 252

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|----|------|-----|--|----------|
| 1 | 12 | 8.9 | Royal, 1.75 mi S., 4.25 mi W. of; Sutherland, 4.5 mi N. of, 7.0 mi E. of; 3.2 mi S. of tablet, T. 95 N., R. 38 W., near cor. secs. 17, 18, 19 and 20; 756 ft N. and 33 ft W. of crossroads, 628 ft N. of a concrete box culvert, 3 ft N. of a power pole, 1 ft E. of fence and witness sign, standard tablet set in concrete post, stamped "41 DWB 1967 1435", painted "EM 41" | 1436.810 |
| 13 | 9.0 | | Reference Mark, 630 ft S. of mark, 12 ft E. of rd., chiseled square, at center of concrete box culvert, headwall; painted "RM" | 1437.06 |
| 14 | 10.0 | | UE 41 A, 1.2 mi S. of tablet, T. 95 N., R. 38 W., near cor. secs. 19, 20, 29 and 30; 39 ft N. and 22 ft W. of crossroads, chiseled square on 30 in. concrete pipe culvert, painted "UE 41 A" | 1444.08 |
| 15 | 11.0 | | UE 41 B, 2.2 mi S. of tablet; T. 95 N., R. 38 W., near cor. secs. 29, 30, 31 and 32; top of bolt head at center Olney County Rt. "R" and N.-S. gravel rd., painted "UE 41 B Centerline" | 1428.28 |
| 16 | 12.1 | | Sutherland, 2.5 mi N., 6.0 mi E. of; Royal, 3.75 mi S., 5.25 mi W. of; at the O'Brien-Clay County line, T. 95 N., R. 38 W., and 39 W., near cor. secs. 25, 30, 31 and 36; 52 ft N. and 117 ft W. of the crossroads, 52 ft N. and 130 ft E. of T-drive N., 75 ft SW. of SW. cor. of white frame house, 18 ft SE. of a 24 in. walnut tree, 2 ft N. of a fence and witness sign, standard tablet set in concrete post, projecting 1 in. stamped "42 DWB 1967 1421", painted "EM 42" | 1421.485 |
| 17 | 12.1 | | Reference Mark, 120 ft W. of mark, punched hole in 18 in. corrugated metal pipe culvert, under drive, painted "RM" | 1419.76 |
| 18 | 13.1 | | UE 42 A, 1.0 mi W. of tablet, T. 95 N., R. 39 W., near cor. secs. 25, 26, 35 and 36; head of auto valve flush with pavement at center N.-S. asphalt rd., (center crossroads), painted "UE 42 A" | 1425.07 |
| 20 | 14.0 | | UE 42 B, 1.9 mi W. of tablet, T. 95 N., R. 39 W., near cor. secs. 26, 27, 34 and 35; at a bridge over Waterman Creek, rail spike in top of piling, at NE. wingwall of bridge, painted "UE 42 B" Water -15.2 ft 8-7-67 | 1292.54 |
| 22 | 15.1 | | Sutherland, 2.5 mi N., 3.0 mi E. of; Royal, 3.75 mi S. of, 8.25 mi W. of; T. 95 N., R. 39 W., near cor. secs. 27, 28, 33 and 34; at an abandoned schoolhouse, 58 ft S. and 198 ft W. of crossroads, 88 ft NW. of NW. cor. of school, 27 ft S. of a NE. fence cor., 21 ft N. of a 24 in. maple, 6 ft S. of a witness sign, standard tablet set in concrete post, projecting 2 in., stamped "43 DWB 1967 1420", painted "EM 43" | 1419.947 |
| 21 | 15.1 | | Reference Mark, about 150 ft SE. of mark, at front entrance of abandoned schoolhouse, chiseled square at NE. cor. of concrete step, painted "RM" | 1418.19 |
| 23 | 16.1 | | UE 43 A, 1.0 mi W. of tablet, T. 95 N., R. 39 W., near cor. secs. 28, 29, 32 and 33; 60 ft S. and 33 ft W. of crossroads, chiseled square on 18 in. concrete pipe culvert under field entrance W., painted "UE 43 A" | 1444.89 |
| 24 | 17.1 | | UE 43 B, 2.0 mi W. of tablet, T. 95 N., R. 39 W., near cor. secs. 29, 30, 31 and 32; an auto valve embedded at center N.-S. asphalt rd. (O'Brien "X") and E.-W. gravel rd., painted "UE 43 B" | 1470.26 |

PRIMCHAR QUAD. - 253

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|----|------|--|--|----------|
| 25 | 18.0 | | Gaza, 0.5 mi S. and 3.5 mi E. of; T. 95 N., Rs. 39 and 40 W., cor. secs. 25, 30, 31 and 36; 23 ft S. and 58 ft W. and 2.9 ft lower than crossroads; 2 ft NW. of power pole and projecting 2 in. above ground; a standard tablet in top of a concrete post stamped "1461 9 LMT 1963", painted "EM 1460.6" | 1460.585 |
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HARTLEY QUADRANGLE
252 - IOWA

LINE 2FEET

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

LAKE PARK QUAD. - 275

- 2 59 12.0 Milford, 11.0 mi W. along Co. Rt. "B", thence 3.0 mi S. from jct. U. S. Hwy. 71 at; Everly, 8.6 mi N. and 2.5 mi W. of; S. of tablet, T. 98 N., R. 38 W., near cor. secs. 19, 20, 29 and 30; at the Bernier farmplace, 81 ft NE. of NE. cor. of small white house, 15 ft S. and 67 ft W. of drive W., 33 ft W. of NE. fence cor., 31 ft E. of power pole, 14 ft E. of 8 in. box elder, 1 ft N. of fence and witness sign, standard tablet set in concrete post, 2 in. under surface, stamped "58 DWB 1967 1448", painted "EM 58" 1448.331
- 60 12.0 Reference Mark, 35 ft E. of mark, 27 ft W. and 10 ft S. of drive W., chiseled "X" on 18 in. concrete pipe culvert, not painted 1447.39
- 61 13.1 UE 58 A, 1.1 mi S. of tablet, T. 98 N., R. 38 W., near cor. secs. 29, 30, 31 and 32; 30 ft N. and 33 ft W. of crossroads, 40 penny nail in power pole, painted "UE 58 A" 1470.29
- 62 14.1 UE 58 B, 2.1 mi S. of tablet, T. 97 and 98 N., R. 38 W., near cor. secs. 5, 6, 31 and 32; 39 ft N. and 33 ft W. of crossroads, rail spike in power pole, painted "UE 58 B" 1449.48

HARTLEY QUAD. - 252

- 65 14.7 May City, 4.5 mi S. and 6.0 mi E. of; 6.5 mi N. and 2.0 mi W. of Everly, 0.4 mi W. of crossroads; cor. secs. 4, 5, 32 and 33; Ts. 97 and 98 N., R. 38 W., 2 ft N. and 374 ft E. of T-fence S., 34 ft S. and 9 ft W. of E.-W. rd. at field approach S., 1.6 ft N. of USGS survey marker on steel post; in concrete post set flush with ground; standard tablet stamped "ET 6 DLH 1966" 1435.363
- 65 15.0 UE 6 DLH, 0.9 mi S. and 0.4 mi E. of tablet; T. 97 N., R. 38 W., near cor. secs. 5, 6, 7 and 8; 39 ft N. and 24 ft W. of crossroads, chiseled square on 30 in. concrete pipe culvert, painted "UE 6 A" 1420.62
- 67 16.0 Everly, 4.5 mi N. of, 2.5 mi W. of; Milford, 11.0 mi W. along Co. Rt. "C" thence 7.0 mi S. along sec. line rd. from jct. U. S. Hwy. 71 at; S. and 0.4 mi E. of tablet; T. 97 N., R. 38 W., near cor. secs. 7, 8, 17 and 18; 35 ft S. and 38 ft W. of T-rd. E., 71 ft S. of 30 in. concrete pipe culvert, 35 ft S. of dead end sign, 7 ft W. of a double guyed power pole, 2 ft W. of a fence, between the two guys, standard tablet set in concrete post projecting 2 in., stamped "59 DWB 1967", painted "EM 59" 1393.389
- 66 16.0 Reference Mark, 90 ft NE. of mark, 33 ft N. and 18 ft E. of T-rd. E., chiseled square on 30 in. concrete pipe culvert, painted "RM" 1394.41
- 67 16.0 Everly, 4.5 mi N. of, 2.5 mi W. of; Milford, 11.0 mi W. along Co. Rt. "C", thence 7.0 mi S. along sec. line rd. from jct. U. S. Hwy. 71 at; S. and 0.4 mi E. of tablet; T. 97 N., R. 38 W., near cor. secs. 7, 8, 17 and 18; 35 ft S. and 38 ft W. of T-rd. E., 71 ft S. of 30 in. concrete pipe culvert, 35 ft S. of dead end sign, 7 ft W. of a double guyed power pole, 2 ft W. of a fence, between the two guys, standard tablet set in concrete post projecting 2 in., stamped "59 DWB 1967", painted "EM 59" 1393.389
- 68 17.0 UE 59 A, 1.0 mi S. of tablet, T. 97 N., R. 38 W., near cor. secs. 17, 18, 19 and 20, 54 ft N. and 21 ft E. of crossroads, chiseled square on 30 in. concrete pipe culvert; painted "UE 59 A" 1379.60

LINE 2 (Cont'd)

FEET

HARTLEY QUAD. - 252

- 2 70 18.0 Everly, 2.5 mi N. of, 2.0 mi W. of; 1.0 mi N. of U. S. Hwy. 18; T. 97 N., R. 38 W., near cor. secs. 19, 20, 29 and 30; 65 ft ENE. of T-fence E., 30 ft W. of center N.-S. rd., 23 ft S. of T-fence W., 14 ft S. of a gate, standard tablet set in concrete post, stamped "60 DWB 1967 1375", painted "EM 60" 1374.951
- 69 18.0 Reference Mark, 57 ft E. of mark, 30 ft N. and 27 ft E. of T-fence E., chiseled square on concrete pipe culvert, painted "RM" 1373.02
- 71 19.1 UE 60 A, 1.0 mi S. of tablet, T. 97 N., R. 38 W., near cor. secs. 29, 30, 31 and 32; 27 ft S. and 21 ft E. of center Iowa Hwy. 18; iron pin in top of orange painted concrete post, painted "UE 60 A" 1385.73
- 72 20.0 UE 60 B, 2.0 mi S. of tablet, T. 96 and 97 N., R. 38 W., near cor. secs. 5, 6, 31 and 32; at a steel truss bridge over the Ocheyedan River, chiseled "X" at NE. end of NE. wingwall, 13.0 ft above water 8-28-67 1364.34
- 73 20.6 USC&GS BM "Z 17 1934" (Described in Line 1) 1356.687

LINE 3

SOUTH ALONG NORTH PORTION OF WEST BORDER (L. M. Tackett, 1963; Book CV-1568)

PRIMGHAR QUAD. - 253

- 10.9 Sanborn, 4.5 mi N. and 7.5 mi E. of; 0.7 mi N. and 2.0 mi E. of Plessis, T. 97 N., R. 39 and 40 W., cor. secs. 1, 6, 7 and 12; 137 ft N. and 40 ft W. and 3.3 ft lower than crossroad; 1 ft E. of N.-S. fence and projecting 2 in. above ground; a standard tablet in top of a concrete post stamped "1489 4 LMT 1963" 1489.140
- 10.9 Reference Mark, 43 ft S., 23 ft E. of crossroads; a chiseled square on E. end of concrete tile culvert 1489.40
- 11.9 UE 4 LMT A, T. 97 N., R. 39 and 40 W., cor. secs. 7, 12, 13 and 18; 34 ft S., 20 ft E. and 3.0 ft lower than crossroads; a chiseled square on E. end of concrete tile culvert; 1473.98
- 13.0 UE 4 LMT B, T. 97 N., R. 39 and 40 W., cor. secs. 13, 18, 19 and 24; 39 ft S., 21 ft E. and 2.4 ft lower than crossroads; a chiseled square on S. end of concrete tile culvert 1480.12
- 13.9 Hartley, 1.5 mi N. and 2.0 mi W. of; T. 97 N., R. 39 and 40 W., cor. secs. 19, 24, 25 and 30, 176 ft N. and 31 ft E. and 2.7 ft lower than crossroads; 1 ft W. of N.-S. fence projecting 2 in. above ground; a standard tablet in top of a concrete post; stamped "1476 5 LMT 1963" 1476.287
- 13.9 Reference Mark, 40 ft N., 31 ft W.; a chiseled square on S. end of concrete tile culvert 1475.80
- 14.9 UE 5 LMT A, T. 97 N., R. 39 and 40 W., cor. secs. 25, 30, 31 and 36; a valve in center of Hwy. 18 at gravel crossroads 1477.12
- 15.3 Hartley, 1.5 mi W. along the C. M. St.P. & P. RR. from the station at; 70 yards NW. of a sec. rd. crossing, 52 yards W. of a right-of-way fence cor., 45.9 ft N. of the N. rail; and 1.2 ft S. of the right-of-way fence; a USC&GS standard disk stamped "U 17 1934" and set in the top of a concrete post projecting 6 in. above ground 1465.322

LINE 1	FEET
SOUTH ALONG SOUTH PORTION OF WEST BORDER (L. M. Taskett, 1963; Book CV-1568)	
PRIMGHAR QUAD. - 253	
0.0 "U 17 1934" (Described in Line 3)	1465.322
0.7 UE 17 A, T. 96 and 97 N., R. 39 and 40 W., cor. secs. 1, 6, 31 and 36; 33 ft S., 20 ft W. and 3.0 ft lower than T-rd. S.; a chiseled square on W. end of a concrete tile culvert	1444.58
1.6 UE U 17 B; T. 96 N., R. 39 and 40 W., cor. secs. 1, 6, 7 and 12; 29 ft N. and 16 ft E. and 3.2 ft lower than crossroads; a chiseled square on E. end of concrete tile culvert;	1465.80
2.6 Hartley, 2.5 mi S. and 2.0 mi W. of; T. 96 N., R. 39 and 40 W., cor. secs. 7, 12, 13 and 18; 212 ft N., 29 ft E. and 2.2 ft lower than crossroads; set flush with the ground and 1 ft W. of power pole, a standard tablet set in top of a concrete post; stamped "1496 6 LMT 1963"	1495.857
2.7 Reference Mark, 34 ft S., 21 ft E. of crossroads; a chiseled square on E. end of concrete tile culvert	1495.73
3.6 UE 6 LMT A, T. 96 N., R. 39 and 40 W., cor. secs. 13, 18, 19 and 24; valve in center of asphalt rd. E.-W. and gravel rds. N.-S.	1479.86
4.7 UE 6 LMT B, T. 96 N., R. 39 and 40 W., cor. secs. 19, 24, 25 and 30; 42 ft N. and 39 ft E. and 2.6 ft lower than crossroads; a rail spike in W. side of telephone pole	1497.44
5.7 Hartley, 5.5 mi S. and 2.0 mi W. of; T. 96 N., R. 39 and 40 W., cor. secs. 25, 30, 31 and 36; 49 ft S. and 41 ft W. and 2.7 ft lower than crossroads; 1 ft E. of N.-S. fence projecting 3 in. above ground; stamped "1512 7 LMT 1963"	1512.202
5.7 Reference Mark, 21 ft N. and 39 ft E. of crossroads; a chiseled square on N. end of concrete tile culvert	1512.66
6.7 UE 7 LMT A, T. 96 and 97 N., R. 39 and 40 W., at cor. secs. 1, 6, 31 and 36; a valve in center of E.-W. asphalt rd. and a N.-S. gravel rd.	1506.3
7.8 UE 7 LMT B, T. 95 N., R. 39 and 40 W., cor. secs. 1, 6, 7 and 12; 41 ft S., 36 ft W. and 2.0 ft lower than crossroads; a rail spike in S. side of a power pole	1499.01
8.8 Hartley, 8.5 mi S. and 2.0 mi W. of; T. 95 N., R. 39 and 40 W., cor. secs. 7, 12, 13 and 18; 33 ft N., 118 ft W. and 2.3 ft lower than crossroads; 1 ft S. of E.-W. fence projecting 2 in. above ground; stamped "1501 8 LMT 1963"	1501.049
8.8 Reference Mark, 17 ft S., 33 ft E. of crossroads; a chiseled square on S. end of concrete tile culvert	1501.18
9.8 UE 8 LMT A, T. 95 N., R. 39 and 40 W., cor. secs. 13, 18, 19 and 24; 31 ft N., 40 ft W. and 1.5 ft lower than crossroads; a rail spike in E. side of fence cor.	1497.66
10.9 UE 8 LMT B, T. 95 N., R. 39 and 40 W., cor. secs. 19, 24, 25 and 30; 35 ft S., 37 ft W. and 1.8 ft lower than crossroads; a rail spike in E. side of telephone pole	1491.20
11.9 "1461 9 LMT 1963" (Described in Line 1)	1460.585
11.8 Reference Mark, 20 ft S. and 35 ft W. of the crossroads; a chiseled square on S. end of a concrete tile culvert	1459.96

LINE 5

FEET

NORTH ALONG NORTH HALF EAST BORDER (G. J. Scholessor, 1964; Book CV-1768)

SPENCER QUAD. - 251

0.0	Spencer, about 4.3 mi W. of along C. M. St.P. & P. RR., 62 ft NE. of rd. crossing; 45.1 ft N. of N. rail; 9 ft E. of right-of-way fence; and 1.3 ft S. of fence; in concrete post; USC&GS standard disk stamped "D 18 1934"	1335.506
0.3	UE 18 A, 0.3 mi N. of tablet; near cor. secs. 4, 5, 8 and 9; center of crossroads	1339.7
1.1	UE 18 B, 1.1 mi N. of tablet; near cor. secs. 4, 5, 32 and 33; T. 96 N., R. 37 W., center of crossroads	1343.6
2.1	UE 18 C, 1.1 mi N. and 1.0 mi W. of tablet; near cor. secs. 5, 6, 31 and 32; 24 ft E. and 21 ft N. and 0.9 ft lower than T-rd. N.; top of concrete culvert; square painted	1345.48
3.1	UE 18 D, 2.1 mi N. and 1.0 mi W. of; near cor. secs. 29, 30, 31 and 32; center of crossroads; square painted	1353.12
4.1	Fostoria, 5.0 mi W. and 3.0 mi S. of; T. 97 N., R. 37 W., near cor. secs. 19, 20, 29 and 30; 24 ft W. and 34 ft N. and 2.4 ft lower than crossroads; a standard tablet embedded in concrete culvert; stamped "6 GJS 1964 1352"	1352.130
4.1	Reference Mark, 50 ft E. of tablet; top of concrete culvert; square painted	1351.52
5.2	UE 6 A, 1.0 mi N. of tablet; near cor. secs. 17, 18, 19 and 20; 192 ft N. and 50 ft W. and 2.4 ft lower than crossroads; top of E. end of sidewalk leading to a school; square painted	1363.72
6.2	UE 6 B, 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 painted	1367.16

LINE 6

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

SPENCER QUAD. - 251

0.0	USC&GS "D 18 1934" (Described in Line 5)	1335.506
0.7	UE 18 A, 0.7 mi S. of tablet; near cor. secs. 8, 9, 16 and 17; center of T-rd. N.; square painted	1334.25
1.7	UE 18 B, 0.7 mi S. and 1.0 mi W. of tablet; near cor. secs. 7, 8, 17 and 18; T. 96 N., R. 37 W., center of bridge over Ocheyedan River; 16 ft higher than water; square painted	1337.44
2.7	UE 18 C, 1.7 mi S. and 1.0 mi W. of tablet; near cor. secs. 17, 18, 19 and 20; center of crossroads	1386.31

LINE 6 (Cont'd)

FEET

SPENCER QUAD. - 251

- 3.6 Royal, 1.5 mi E. and 3.1 mi N. of; T. 96 N., R. 37 W.; 0.1 mi N. of cor. secs. 19, 20, 29 and 30; 15 ft E. of rd., top of E. concrete abutment of concrete culvert; a standard tablet embedded stamped "10 GJS 1964 1371" 1370.585
- 3.7 UE 10 A, 0.1 mi S. of tablet; near cor. secs. 19, 20, 29 and 30; T. 96 N., R. 37 W., 30 ft W., 24 ft N. and 3.2 ft lower than crossroads; top of concrete culvert; square painted 1377.70
- 4.7 UE 10 B; 1.1 mi S. of tablet; near cor. secs. 29, 30, 31 and 32; 21 ft W. and 30 ft N. and 3.7 ft lower than crossroads; top of steel culvert; square painted 1389.5
- 5.7 UE 10 C, 2.1 mi S. of tablet; near cor. secs. 5, 6, 31 and 32; T. 95 N., R. 37 W., 44 ft E. and 22 ft N. and 3.2 ft lower than crossroads; top of concrete culvert; square painted 1393.55
- 6.5 Royal, 1.5 mi E. and 0.2 mi N. of; T. 95 N., R. 37 W., 0.2 mi N. of cor. secs. 5, 6, 7 and 8; 15 ft E. and 0.2 mi N. of crossroads; top of E. concrete head-wall over culvert; a standard tablet embedded stamped "11 GJS 1964 1389" 1388.721
- 6.7 UE 11 A, 0.2 mi S. of tablet; near cor. secs. 5, 6, 7 and 8; center of crossroads; square painted 1400.8
- 7.8 UE 11 B, 1.2 mi S. of; near cor. secs. 7, 8, 17 and 18; T. 95 N., R. 37 W., 28 ft S. and 23 ft W. and 1.9 ft lower than crossroads; top of concrete culvert; square painted 1397.57
- 8.8 Royal, 1.5 mi E. and 2.0 mi S. of; T. 95 N., R. 37 W., near cor. secs. 17, 18, 19 and 20; 21 ft E. and 24 ft S. and 2.7 ft lower than crossroads; a standard tablet embedded in a concrete culvert; stamped "12 GJS 1964 1400" 1399.905
- 8.8 Reference Mark, 50 ft N. of tablet; top of concrete culvert; square painted 1400.67
- 9.8 UE 12 A; 1.0 mi S. of tablet; near cor. secs. 19, 20, 29 and 30; center of crossroads 1405.5
- 10.8 UE 12 B; T. 95 N., R. 37 W., 2.0 mi S. of tablet; near cor. secs. 29, 30, 31 and 32; center of crossroads; square painted 1389.2
- 11.7 UE 12 C, 3.0 mi S. of tablet; near cor. secs. 5, 6, 31 and 32; T. 95 N., R. 37 W.; 28 ft N. and 39 ft E. and 2.1 ft lower than crossroads; top of concrete culvert; square painted 1381.10

SIoux RAPIDS QUAD. - 228

- 11.9 Royal, 5.2 mi S. and 1.5 mi E. of; near $W\frac{1}{4}$ cor. between secs. 5 and 32; Ts. 94 and 95 N., R. 37 W., 32 ft S. and 7 ft W. of E.-W. rd. at field entrance S., 2 ft N. of fence, in concrete post; standard tablet stamped "ET 19 HK 1964 1388" 1388.265