

CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota
N4315-W9630/15
Diagram NK 14-3
Sioux Falls, S. Dak.-Ia.-Minn.

PR: EBF/ct

LENNOX
49 S. Dk.

LARCHWOOD
279 Iowa

ALCESTER
16 S. Dak.
257 Iowa

43°15'

96°30'

A. Sioux Falls, South Dakota, to Sioux City, Iowa, 1949, First-Order, Line 75 S. Dak., 84 Ia.
B. Canton-Brandon Area, S. Dak., 1949, Second-Order, Line No. 111
C. Canton, South Dakota, to Spencer, Iowa, 1934, Second-Order, Line No. 11 S. Dak., 10 Iowa

280 A

CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

Feet

LINE 1

WEST AT NORTHEAST CORNER (By S. E. Mitchell, 1966, Book CV-2026)

HILLS QUAD. 79 - 22

- | | | | | |
|----|------|------|---|---------|
| 14 | 10 | 33.2 | UE, T. 101 N., R. 47 W., near S. cor. sec. 33 and 34, 18 ft S. and 630 ft W. of T-rd. N., on concrete headwall of culvert; chiseled square, painted "UE 1453.7" | 1453.45 |
| 11 | 33.8 | | UE, T. 100 N., R. 47 W., near N. cor. secs. 10 and 11, 28 ft S. and 310 ft E. of T-rd. S., on concrete headwall of culvert; chiseled square, painted "UE 1451.3" | 1451.03 |
| 12 | 34.2 | | UE, T. 101 N., R. 47 W., 846 ft W. of S. cor. secs. 32 and 33, 36 ft S. and 15 ft E. of field entrance S., on concrete pipe culvert; chiseled square, painted "UE 1469.4" | 1469.07 |
| 13 | 34.9 | | UE, on Iowa-S. Dak. State line, crossroad at junction S. Dak. Hwy. 38 and Iowa Hwy. 9 (same Hwy.) on E. side of Hwy.; chiseled square on pavement, painted "UE 1462.6" | 1462.29 |

CANTON QUAD. 280 - 48

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|----|------|--|---|----------|
| 14 | 35.6 | | Klondike, 7.3 mi N. and 0.7 mi E. of, 31 ft N. and 59 ft E. of center of State Hwy. 9 (Iowa) at E.-W. fence; the probable cor. of secs. 9, 10, 15 and 16, T. 100 N., R. 48 W., about 12 ft N. of northernmost wire of double pole transmission line; 1 ft W. of fence; in a concrete post; a standard tablet stamped "55 DM 1958" and painted "WM 1445.7" | 1445.642 |
|----|------|--|---|----------|

LINE 2

AT NORTHEAST CORNER OF QUAD. (By S. E. Mitchell, 1966, Book CV-2026)

HILLS QUAD. 79 - 22

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|----|----|-----|---------------------------------|---------|
| 14 | 16 | 0.0 | UE 1462.6 (Described in Line 1) | 1462.29 |
| | | 0.9 | UE, rail spike in pole | 1485.40 |

SIOUX FALLS QUAD. 80

- | | | | | |
|----|-----|--|---|----------|
| 17 | 2.0 | | Benclare, 0.5 mi S. and 3.3 mi W. of, at Iowa-S. Dak. State line, 32 ft N. and 432 ft W. of T-rd. S., the N. cor. between secs. 7 and 8, T. 100 N., R. 48 W., 1 ft S. of fence; in a concrete post; a standard tablet stamped "TT 22 DM 1958" Painted "WM 1433.8" | 1433.789 |
|----|-----|--|---|----------|

LINE 3

SOUTH ALONG SOUTH HALF WEST BORDER (By G. Sandul, 1961, Book CV-1338)

CANTON QUAD. 280 - 48

- | | | | | |
|-----|--|--|---|----------|
| 0.0 | | | Worthing, 3.0 mi N. and 2.0 mi E. of, on grounds of a country school, 89 ft NE. of NE. cor. of school, 55 ft W. of center of U.S. Hwy. 77, 22 ft W. of a fence; USCGS standard disk stamped WORTHING 1949 and set in top of a concrete post | 1391.907 |
| 1.0 | | | UE Worthing A, 1.0 mi W. of station, 31 ft N. and 35 ft E. of crossroads, the cor. of secs. 21, 22, 27 and 28; T. 99 N., R. 50 W., rail spike in powerline pole | 1394.27 |

LINE 3 (Cont'd)

CANTON QUAD. 280 - 48

Feet

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|-----|--|----------|
| 2.0 | UE Worthing B, 1.0 mi W. of station, along section line rd., thence 1.0 mi S. along sec. line rd., cor. secs. 27, 28, 33 and 34; T. 99 N., R. 50 W., 34 ft S., 36 ft W. of and 2.8 ft higher than center of crossroads; in the top of a cor. concrete fence post; a chiseled square | 1384.79 |
| 3.0 | UE Worthing C, 1.0 mi W. of station, along sec. line rd., thence 2.0 mi S. along sec. line rd., cor. of secs. 3, 4, 33 and 34, Tps. 98 and 99 N., R. 50 W., 31 ft N., 31 ft W. of and 4.1 ft higher than center of crossroads; in top of a cor. concrete fence post; a chiseled square | 1349.89 |
| 4.0 | Worthing, 0.7 mi E. of along State Hwy. 44, cor. of secs. 3, 4, 9 and 10, T. 98 N., R. 50 W., 73 ft N., 46 ft W. of and 3.9 ft lower than center of crossroads; 17 ft W. of fence cor., 1 ft S. of fence; in top of a concrete post; a standard tablet stamped "9 SAN 1961" | 1353.288 |
| 4.0 | Reference mark, 140 ft SE. of tablet; 49 ft S. and 21 ft E. of center of crossroads; in top of a concrete culvert (N. most of two culverts); a chiseled square | 1353.80 |
| 5.0 | UE 9 A, 1.0 mi S. of tablet, along sec. line rd.; cor. of secs. 9, 10, 15 and 16, T. 98 N., R. 50 W., 13 ft N., 34 ft E. of and 1.7 ft lower than center of crossroads, in the top of a 24 in. concrete culvert; a chiseled square | 1355.98 |
| 6.0 | UE 9 B, 2.0 mi S. of tablet; along sec. line rd. at junction of U.S. Hwy. 18 and 77, cor. secs. 15, 16, 21 and 22, T. 98 N., R. 50 W., on schoolgrounds; 177 ft N., 49 ft W. of and 2.5 ft lower than center of crossroads; in top of concrete block serving as flagpole base; a chiseled square | 1340.36 |
| 7.0 | Worthing, 0.7 mi E. of along State Hwy. 44, thence 3.0 mi S. along sec. line rd.; cor. of secs. 21, 22, 27 and 28; T. 98 N., R. 50 W., 27 ft S., 30 ft W. and 0.5 ft lower than center of crossroads; 7 ft S. and 3 ft W. of fence cor., 3 ft E. of powerline pole, in top of a concrete post; a standard tablet stamped "10 SAN 1961" | 1321.347 |
| 7.0 | Reference mark, 81 ft NE. of tablet, 15 ft N. and 37 ft E. of center of crossroads; in top of a 30 in. concrete culvert; chiseled square | 1320.37 |
| 8.0 | UE 10 A, 1.0 mi S. of tablet, along sec. line rd., cor. of secs. 27, 28, 33 and 34; T. 98 N., R. 50 W., 14 ft N., 36 ft W. of and 1.7 ft lower than center of crossroads; in top of a 42 in. concrete culvert (the E. most of two culverts) a chiseled square | 1313.63 |
| 9.9 | Canton, 3.0 mi S. and 6.7 mi W. of, 33 ft S. and 580 ft W. of crossroads; the cor. of secs. 2, 3, 34 and 35, Tps. 97 and 98 N., R. 50 W., 1 ft N. of a T-fence S., in top of a concrete post; a standard tablet stamped "TT 41 DM 1958" | 1330.627 |

LINE 4

NORTH IN SOUTH CENTRAL PORTION OF QUAD. (By G. Sandul, 1961, Book CV-1338)

CANTON QUAD. 280 - 48

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|-----|---|----------|
| 0.0 | Canton, 3.0 mi S. and 2.7 mi W. of, 32 ft S. and 362 ft E. of crossroads, the cor. of secs. 4, 5, 32 and 33, Tps. 97 and 98 N., R. 49 W., 19 ft W. and 1 ft N. of a T-fence S., in a concrete post; a standard tablet stamped "TT 39 DM 1958" | 1325.212 |
| 0.4 | Reference mark, 223 ft WNW. of tablet, 16 ft N. of center of rd.; chiseled square on N. headwall of concrete culvert | 1323.29 |
| 1.0 | UE 39 A, 1.0 mi E. of tablet, along sec. line rd.; cor. secs. 3, 4, 33 and 34, Tps. 97 and 98 N., R. 49 W., center of crossroads; painted circle | 1326.1 |

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CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

LINE 4 (Cont'd)

CANTON QUAD. 280 - 48

Feet

- 2.0 UE 39 B, 1.0 mi E. of tablet, along sec. line rd., thence 1.0 mi N. along sec. line rd.; cor. of secs. 27, 28, 33 and 34; T. 98 N., R. 49 W., in center of crossroads; a copper nail and washer 1293.85
- 3.0 UE 39 C, 1.0 mi E. of tablet, along sec. line rd., thence 2.0 mi N. along sec. line rd.; cor. of secs. 21, 22, 27 and 28, T. 98 N., R. 49 W., in center of crossroads; a copper nail and washer 1285.35
- 4.0 Canton, 2.0 mi W. along U.S. Hwy. 18; cor. of secs. 15, 16, 21 and 22; T. 98 N., R. 49 W., on school grounds, 40 ft N., 28 ft W. of and 1.1 ft lower than center of crossroads; 9 ft N. and 2 ft W. of fence cor., in top of a concrete post; a standard tablet stamped "11 SAN 1961" 1285.122
- 4.0 Reference mark, 57 ft E. of tablet, 31 ft N. and 27 ft E. of center of crossroads; in top of 30 in. concrete culvert; a chiseled square 1284.92
- 5.0 UE 11 A, 1.0 mi N. of tablet, along sec. line rd.; cor. secs. 9, 10, 15 and 16, T. 98 N., R. 49 W., 16 ft S., 59 ft W. of and 2.5 ft lower than center of T-rd. S., in top of a 24 in. concrete culvert; a chiseled square 1315.34
- 6.0 Canton, 2.0 mi N. and 2.0 mi W. of, cor. secs. 3, 4, 9 and 10, T. 98 N., R. 49 W., 32 ft S., 21 ft E. of and 1.1 ft lower than center of T-rd. N., 10 ft WSW. of a telephone pole, 1 ft N. of a fence; in top of a concrete post; a standard tablet stamped "12 SAN 1961" 1305.223
- 6.0 Reference mark, 83 ft NW. of tablet, 36 ft N. and 28 ft W. of center of T-rd. N., in the top of a boulder; a chiseled square 1305.00
- 7.0 UE 12 A, 1.0 mi N. of tablet, along sec. line rd.; cor. secs. 3, 4, 33 and 34; Tps. 98 and 99 N., R. 49 W., 34 ft N., 37 ft W. of and 0.3 ft higher than center of crossroads; in a telephone pole; a rail spike 1363.83
- 8.0 UE 12 B, center of crossroads, at cor. secs. 27, 28, 33 and 34; T. 99 N., R. 49 W. 1389.5
- 8.4 Canton, 0.4 mi W. along the Chicago, Milwaukee, St. Paul & Pacific RR. from the RR. station at; thence 4.85 mi NW. along the C. M. St. P. & P. RR. at a rd. crossing, near E. sixteenth cor. between secs. 28 and 33, T. 99 N., R. 49 W., 7 poles NW. of milepost 55, in the top of the E. end of the S. headwall of a 3 x 10 ft concrete box culvert under the rd., 48 ft SW. of the SW. rail, 12 ft S. of the center of the rd., and about level with the rd.; 0.9 ft W. of the E. end of the headwall; a USCGS standard disk stamped "M 326 1949" 1385.640

LINE 5

SOUTH AT NORTHEAST CORNER OF QUAD. (By G. Sandul, 1961, Book CV-1338)

SIoux FALLS QUAD. 80

- 4.6 UE 13 B, 2.0 mi S. of tablet along sec. line rd.; cor. secs. 29, 30, 31 and 32, T. 101 N., R. 47 W., 17 ft S., 35 ft W. of and 1.6 ft lower than center of crossroads, in the top of a concrete culvert; a chiseled square 1477.67
- 5.6 UE 13 C, 2.7 mi S. of tablet along sec. line rd., thence 0.3 mi SE. along U.S. Hwy. 38; center of Hwy. at crossroads on Iowa-S. Dak. State line; painted circle 1461.9
- 6.3 "55 DM 1958" (Described in Line 1) 1445.642

CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

Feet

LINE 6

GENERALLY SOUTH FROM CENTER PORTION ALONG EAST BORDER OF QUAD. (By G. Sandul, 1961, Book CV-1338)

CANTON QUAD. 48

0.0 Klondike, 0.2 mi E. of, 45 ft N. of center of rd. at fence N., the quarter cor. between secs. 16 and 21, T. 99 N., R. 48 W., 1 ft S. of a fence; in a concrete post; a standard tablet stamped "58 DM 1958" 1306.387

LARCHWOOD QUAD. 279

1.5 UE 58 B, 1.5 mi E. of tablet, along sec. line rd., cor. secs. 14, 15, 22 and 23, T. 99 N., R. 48 W., 54 ft N., 35 ft E. of and 7.8 ft lower than center of crossroads; in W. side of telephone pole; a rail spike 1307.46

2.6 UE 58 C, 1.5 mi E. and 1.0 mi S. of tablet, along sec. line rd.; cor. secs. 22, 23, 26 and 27, T. 99 N., R. 48 W., 14 ft S., 29 ft W. of and 1 ft lower than center of crossroads; in top of a concrete culvert; a chiseled square 1430.96

3.6 Reference mark, 240 ft NNE. of tablet, 141 ft N. and 35 ft E. of center of crossroads; in W. side of telephone pole; a rail spike - 1458.58

3.6 Klondike, 1.7 mi E. and 2.0 mi S. of; cor. secs. 26, 27, 34 and 35; T. 99 N., R. 48 W., about 0.5 mi N. of "Our Savior's Lutheran Church", 92 ft S., 32 ft W. of and 0.4 ft higher than center of crossroads; 60 ft S. of fence cor., 2 ft E. of fence; in top of concrete post; a standard tablet stamped "14 SAN 1961" 1462.732

4.6 UE 14 A, 1.0 mi S. of tablet, along sec. line rd., cor. secs. 2, 3, 34 and 35, Tps. 98 and 99 N., R. 48 W., 114 ft S., 13 ft W. of and 7.9 ft lower than center of crossroads; in top of a corrugated steel culvert; a punched hole 1441.03

5.6 UE 14 B, 2.0 mi S. of tablet, along sec. line rd., cor. secs. 2, 3, 10 and 11, T. 98 N., R. 48 W., 23 ft N., 29 ft W. of and 1.1 ft higher than center of crossroads; in top of a corrugated steel culvert; a punched hole 1339.79

6.6 Reference mark, 230 ft NNE. of tablet, 178 ft NNE. along rd. from center of main Y-rd. E.; 26 ft normal and on E. side of N.-S. rd., in SW. side of telephone pole; a rail spike 1299.12

CANTON QUAD. 48 - 280

6.6 Klondike, 0.7 mi E. and 4.0 mi S. of; near cor. secs. 3, 4, 9 and 10; T. 98 N., R. 48 W., 49 ft SSW. along N.-S. rd. from center of main Y-rd. E., 31 ft normal and on E. side of rd., 6.5 ft higher than center of main Y-rd. E., 6 ft S. of a fence cor., 1 ft W. of a fence; in top of a concrete post; a standard tablet stamped "15 SAN 1961" 1315.737

7.6 UE 15 A, 1.0 mi S. of tablet, along gravel rd.; cor. secs. 9, 10, 15 and 16, T. 98 N., R. 48 W., 18 ft N., 42 ft E. of and 2.3 ft lower than center of T-rd. N., in the top of a corrugated steel culvert; a punched hole 1415.11

8.8 UE 15 B, 1.0 mi S. of tablet, along gravel rd., thence 0.2 mi E. along sec. line rd., thence 1.0 mi SW. along gravel rd., about 440 ft S. of U.S. Hwy. 18, near cor. secs. 15, 16, 21 and 22, T. 98 N., R. 48 W., at a small wooden bridge, 15 ft normal and on the W. side of rd., 0.5 ft higher than center of bridge; in the SW. bridge piling; in the top of a pole driven into ground; a copper nail and washer 1267.84

6
CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

LINE 6 (Cont'd)

CANTON QUAD. 280 - 48

Feet

- 9.6 UE 15 C, 1.0 mi S. of tablet, along gravel rd., thence 0.2 mi E. along sec. line rd., thence 1.7 mi SW. along gravel rd., in NE $\frac{1}{4}$ sec. 21, T. 98 N., R. 48 W., 32 ft N., 22 ft E. of and 0.9 ft higher than center of rd. at fence S., in the E. side of a telephone pole; a rail spike 1434.33
- 10.6 Reference mark, 94 ft N. of tablet, 28 ft N. and 29 ft W. of center of T-rd. S., in the S. side of a telephone pole; a rail spike 1454.92
- 10.6 Klondike, about 7.0 mi S. of, 4.5 mi E. of Canton, along U.S. Hwy. 18, thence 1.8 mi SW. along gravel rd., about 0.2 mi N. of cor. secs. 20, 21, 28 and 29, T. 98 N., R. 48 W., 64 ft S., 32 ft W. of and 1.8 ft lower than center of T-rd. S., 33 ft S. of a fence cor., 0.5 ft W. of fence; in top of a concrete post; a standard tablet stamped "16 SAN 1961" 1455.398
- 11.8 UE 16 A, 1.2 mi S. of tablet, along sec. line rd.; cor. secs. 28, 29, 32 and 33, T. 98 N., R. 48 W., about 310 ft E., 19 ft N. of and 12.1 ft lower than center of T-rd. N., in top of a concrete culvert; a chiseled square 1460.00
- 12.9 UE 16 B, 1.2 mi S. of tablet, along sec. line rd., thence 1.1 mi E. along gravel rd., cor. secs. 27, 28, 33 and 34; T. 98 N., R. 48 W., 32 ft S., 35 ft W. of and 0.8 ft lower than center of T-rd. S., in N. side of a telephone pole, a rail spike 1479.20
- + 13.9 Canton, 4.5 mi E. along U.S. Hwy. 18, thence 1.8 mi SW. along gravel rd., thence 1.2 mi S. along sec. line rd., thence 1.1 mi E. along gravel rd., thence 1.0 mi S. along sec. line rd.; cor. secs. 3, 4, 33 and 34; Tps. 97 and 98 N., R. 48 W., 33 ft N., 59 ft E. of and 4.5 ft higher than center of crossroads, 26 ft E. of a fence cor., 1 ft S. of fence; 2 ft W. of a telephone pole, in the top of a concrete post; a standard tablet stamped "17 SAN 1961" 1451.575
- 13.9 Reference mark, about 270 ft S. of tablet, 219 ft S. and 12 ft E. of center of crossroads, in N. end of concrete headwall; a chiseled square 1446.29

ALCESTER QUAD. 16 - 257

- 15.0 UE 17 A, 1.1 mi S. of tablet, along gravel rd., near cor. secs. 3, 4, 9 and 10, T. 97 N., R. 48 W., 15 ft N., 35 ft W. of and 0.7 ft higher than center of T-rd. W., in top of a corrugated steel culvert; a punched hole 1414.57
- 15.8 UE 17 B, 1.9 mi S. of tablet along gravel rd.; near quarter cor. between secs. 9 and 10, T. 97 N., R. 48 W., where rd. curves from SE. to S., 72 ft NE. of center of curve, in W. side telephone pole at N.-S. fence; a rail spike 1334.32
- 16.3 Fairview, 1.4 mi NW. along the C. M. St. P. & P. RR. from the RR. station at; near N. sixteenth cor. between secs. 15 and 16, T. 97 N., R. 48 W., 6 poles E. of milepost 43, 47 ft S. of the S. rail, 41 ft E. of the center of private rd. and an iron frame gate, 18 ft SE. of a pole, 1.4 ft N. of right-of-way fence; 2 ft W. of a reference post, set in top of a concrete post projecting 0.5 ft above the ground; a standard disk stamped "Y 154 1949" (USC&GS) 1243.049

LINE 7

NORTH AND WEST AT NORTHWEST CORNER OF QUAD. (By D. Meyer, 1958, Book CV-1076)

CANTON QUAD. 48 - 280

- 0.0 Harrisburg, 4.7 mi N. and 0.4 mi E. of, 60 ft S. and 37 ft W. of a T-rd. S., the N. cor. between secs. 7 and 12, T. 100 N., R. 49 and 50 W., 1 ft E. of a fence; a standard bronze cap on an iron pipe, stamped "1484 YNKTN" 1483.173
- 0.4 UE, center of rd. at RR. crossing 1496.9

<u>LINE 7 (Cont'd)</u>	<u>CANTON QUAD. 280 - 48</u>	<u>Feet</u>
0.7 UE, T-rd. N.		1510.9
	<u>SIoux FALLS QUAD. 80</u>	
1.2 UE, 0.7 mi W. and 0.5 mi N. of tablet, 22 ft S. and 27 ft E. of a T-rd. S.; chiseled square on N. end of concrete culvert		1533.01
1.7 UE, center of rd. at drive W.		1493.6
2.0 UE, center of bridge over Big Sioux River		1405.1
2.1 Reference mark, 373 ft S. of tablet, 13 ft E. of center of rd.; chiseled square on SE. wing wall of small concrete bridge		1397.37
2.2 South Sioux Falls, in town of, near NW. cor. of Tuthill, 181 ft S. of center of 41st Street, 32 ft E. of center of rd., 5 ft S. of a telephone pole, in a concrete post; a standard tablet stamped "TT 23 DM 1958"		1389.389

LINE 8

EAST ALONG EAST PORTION OF NORTH BORDER, THENCE SOUTH ALONG NORTH PORTION OF EAST BORDER
(By D. Meyer, 1958, Book CW-1076)

	<u>SIoux FALLS QUAD. 80</u>	
0.0 Brandon, 6.1 mi S. and 0.2 mi W. of, at the Iowa-South Dakota State line, 42 ft W. of center of rd. leading N., 23 ft N. of extended center of rd. leading E., 23 ft N. of the State line fence leading W., 18 ft N. of fence cor. post; 1 ft W. of fence, 1.2 ft S. of reference post and set in top of a concrete post projecting 0.5 ft above ground; a USC&GS standard disk stamped "W 328 1949"		1298.708
0.7 UE, center of rd. at bridge		1332.4
1.0 UE, 1.0 mi E. of tablet, 30 ft N. and 19 ft W. of center of rd. at field approach N., chiseled square on W. end of steel culvert;		1344.08
1.5 UE, center of rd. at fence N.		1394.1
1.8 UE, center of rd. at bridge		1387.9
2.2 "TT 22 DM 1958" (Described in Line 2)		1433.789
2.2 Reference mark, 338 ft ESE. of tablet, 29 ft S. and 66 ft W. of T-rd. S.; chi- seled square on concrete base of cor. fence post		1435.17
2.7 UE, center of rd. at fence S.		1468.4
3.2 UE, 1.1 mi E. of tablet, 35 ft S. and 36 ft W. of T-rd. S., the N. cor. be- tween secs. 8 and 9, T. 100 N., R. 48 W., rail spike in powerline pole		1485.35
3.7 UE, center of rd. at fence S.		1451.0
4.2 UE, 2.0 mi E. of tablet, center of Iowa State Hwy. 9 (S. Dak. State Hwy. 38) at crossroads, on State line		1461.8
	<u>CANTON QUAD. 280 - 48</u>	
4.8 "55 DM 1958" (Described in Line 1)		1445.642
4.8 Reference mark, 29 ft SW. of tablet, 50 ft E. of center of rd., 1 ft W. of fence cor.; iron RR. rail projecting 0.5 ft		1447.59
5.3 UE, center of rd. at E.-W. fence		1385.4

CANTON QUADRANGLE

280 - Iowa, 48 - South Dakota

LINE 8 (Cont'd)CANTON QUAD. 280 - 48Feet

5.8	UE, center of rd. at RR. crossing	1362.7
5.9	UE, 1.1 mi S. of tablet, near cor. secs. 15, 16, 21 and 22, T. 100 N., R. 48 W., painted square in center of roadway of bridge over Blood Run Creek	1360.0
6.3	UE, center of rd. at E.-W. fence	1403.0
6.8	UE, 2.0 mi S. of tablet, 36 ft S. and 41 ft E. of crossroads, the cor. of secs. 21, 22, 27 and 28, T. 100 N., R. 48 W.; rail spike in powerline pole	1464.45
7.3	Klondike, 4.8 mi N. and 0.7 mi E. of, 2 ft S. and 37 ft W. of center of rd. at fence W., the quarter cor. between secs. 27 and 28, T. 100 N., R. 48 W., 2 ft W. of a fence, in a concrete post; a standard tablet stamped "56 DM 1958"	1438.705
7.3	Reference mark, 120 ft S. of tablet, 33 ft W. of center of rd., steel fence post projecting 6 in. above ground	1435.96
7.8	UE, 0.5 mi S. of tablet, 13 ft E. of center of rd.; chiseled square on center of E. headwall of concrete culvert	1404.6
8.3	UE, center of rd. at bridge	1414.0
8.8	UE, 1.5 mi S. of tablet, 48 ft N. and 19 ft E. of crossroads, the cor. of secs. 3, 4, 33 and 34, Tps. 99 and 100 N., R. 48 W., chiseled square on E. end of concrete culvert	1453.52
9.3	UE, center of rd. at E.-W. fence	1413.1
9.5	UE, center of rd. at bridge	1388.4
9.8	Reference mark, 83 ft NNW. of tablet, chiseled square on SE. cor. of bottom step of schoolhouse steps	1417.65
9.8	Klondike, 2.3 mi N. and 0.7 mi E. of, 218 ft S. and 35 ft W. of crossroads, the cor. of secs. 3, 4, 9 and 10, T. 99 N., R. 48 W., 1 ft N. of fence cor., near SE. cor. of Centennial #2 schoolhouse yard, in a concrete post; a standard tablet stamped "57 DM 1958"	1417.959
10.3	UE, center of rd. at culvert	1377.1
10.8	UE, 1.0 mi S. of tablet, 79 ft N. and 21 ft W. of T-rd. W., the cor. of secs. 9, 10, 15 and 16, T. 99 N., R. 48 W., chiseled square on W. headwall of culvert	1387.92
11.3	UE, center of rd. at E.-W. fence	1306.1
11.7	UE, center of rd. at bridge	1278.1
11.9	UE, 2.0 mi S. of tablet, chiseled square in center of roadway at small steel bridge	1279.35
12.3	Reference mark, 69 ft E. of tablet, 45 ft N. of center of rd., 1 ft S. of T-fence N., steel fence post, projecting 6 in. above ground	1308.46
12.3	"58 DM 1958" (Described in Line 6)	1306.387
12.8	UE, center of bridge over Big Sioux River	1258.2
13.3	UE, 1.0 mi W. of tablet, center of rd. at T-rd. S., the cor. of secs. 16, 17, 20 and 21, T. 99 N., R. 48 W.	1314.1

LINE 8 (Cont'd)

CANTON QUAD. 280 - 48

Feet

- | | | |
|------|--|----------|
| 13.8 | UE, center of rd. at fence S. | 1351.5 |
| 14.3 | Klondike, 1.5 mi W. of, 45 ft S. and 61 ft W. of center of rd. at T-rd. S., the cor. of secs. 17, 18, 19 and 20, T. 99 N., R. 48 W., 30 ft W. of a cor. fence post, 102 ft NE. of NE. cor. of a schoolhouse; in a concrete post; a USC&GS standard disk stamped "E 327 1949" | 1346.264 |

LINE 9

WEST THROUGH CENTER OF QUADRANGLE (By D. Meyer, 1958, Book CV-1076)

CANTON QUAD. 280 - 48

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| 0.0 | Canton, 5.0 mi N. and 2.1 mi E. of, 44 ft N. and 32 ft E. of crossroads, the cor. of secs. 19, 20, 29 and 30, T. 99 N., R. 48 W., 9 ft N. and 1 ft E. of fence cor., in a concrete post; a standard tablet stamped "D 327 1949" | 1323.829 |
| 0.5 | UE, center of rd. at fence N. | 1346.4 |
| 1.0 | UE, 1.0 mi W. of tablet, 54 ft S. and 30 ft E. of crossroads, the cor. of secs. 19, 24, 25 and 30, T. 99 N., Rs. 48 and 49 W., chiseled square on rock | 1349.58 |
| 1.5 | UE, center of rd. at fence S. | 1359.8 |
| 2.0 | UE, 2.0 mi W. of tablet, crossroads, the cor. of secs. 23, 24, 25 and 26, T. 99 N., R. 49 W. | 1368.0 |
| 2.5 | UE, center of rd. at N.-S. fence | 1377.8 |
| 2.7 | UE, center of rd. at bridge | 1369.7 |
| 2.9 | Harrisburg, 4.0 mi S. and 4.5 mi E. of, 34 ft N. and 330 ft E. of crossroads, the cor. of secs. 22, 23, 26 and 27, T. 99 N., R. 49 W., 19 ft E. and 1 ft S. of a T-fence N., in a concrete post; a standard tablet stamped "TT 37 DM 1958" | 1368.315 |
| 3.0 | Reference mark, 305 ft WSW. of tablet, 14 ft N. and 29 ft E. of crossroads; chiseled square on N. end of concrete culvert | 1367.59 |
| 3.4 | UE, center of rd. at bridge | 1380.3 |
| 3.5 | UE, center of rd. at N.-S. fence | 1382.9 |
| 4.0 | UE, 1.0 mi W. of tablet, 30 ft S. and 21 ft E. of crossroads, the cor. of secs. 22, 23, 26 and 27, T. 99 N., R. 49 W., chiseled square on E. end of concrete culvert | 1390.04 |
| 4.5 | UE, center of rd. at N.-S. fence | 1396.7 |
| 5.1 | Harrisburg, 4.0 mi S. and 2.5 mi E. of; 50 ft SW. of SW. rail of C. M. St. P. & P. RR., 40 ft W. of center of rd., 1.4 ft W. of cor. fence post; in a concrete post; a USC&GS standard azimuth mark disk stamped LARSON 1935. | 1414.590 |

LINE 10

WEST THROUGH CENTER OF WEST BORDER (By D. Meyer, 1958, Book CV-1076)

CANTON QUAD. 48 - 280

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|-----|--|----------|
| 0.0 | Worthing, 3.0 mi N. and 5.5 mi E. of, 144 ft SW. of triangulation station LARSON 1935, 33 ft S. of center of rd., 1 ft S. of fence; in a concrete post; a USC&GS standard reference mark disk stamped "RM 2 LARSON 1935" | 1415.489 |
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10
CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

LINE 10 (Cont'd)

CANTON QUAD. 280 - 48

Feet

- 0.4 UE, 0.4 mi W. of tablet, 33 ft S. and 32 ft W. of crossroads, the cor. of secs. 19, 20, 29 and 30, T. 99 N., R. 49 W., chiseled square on concrete base of cor. fence post at NE. cor. of schoolyard 1409.42
- 0.9 UE, center of rd. at N.-S. fence 1405.7
- 1.3 Harrisburg, 4.0 mi S. and 0.5 mi E. of, 32 ft S. and 377 ft E. of crossroads, the cor. of secs. 19, 24, 25 and 30, T. 99 N., R. 49 and 50 W., 42 ft E. of powerline pole and 1 ft N. of fence; in a concrete post; a standard tablet stamped "TT 36 DM 1958" 1406.861
- 1.3 Reference mark, 338 ft W. of tablet, 34 ft S. and 40 ft E. of crossroads; steel fence post projecting 6 in. above ground 1406.86
- 1.9 UE, center of rd. at fence S. 1406.9
- 2.4 UE, 1.0 mi W. of tablet, 14 ft N. of crossroads, cor. secs. 23, 24, 25 and 26, T. 99 N., R. 50 W., chiseled square on N. end of concrete culvert 1398.39
- 2.9 UE, center of rd. at N.-S. fence 1398.4
- 3.4 USC&GS WORTHING 1949 (Described in Line 3) 1391.907
- 3.9 UE, center of rd. at fence S. 1393.5
- 4.4 UE, 1.0 mi W. of tablet, 31 ft N. and 35 ft E. of crossroads, the cor. of secs. 21, 22, 27 and 28, T. 99 N., R. 50 W., rail spike in powerline pole 1394.42

LENNOX QUAD. 49

- 4.9 UE, center of rd. at fence S. 1384.6
- 5.4 UE, 2.0 mi W. of tablet, 19 ft N. and 30 ft E. of crossroads, the cor. of secs. 20, 21, 28 and 29, T. 99 N., R. 50 W., chiseled square on N. end of concrete culvert 1369.66
- 5.9 UE, center of rd. at N.-S. fence 1392.07
- 6.4 Reference mark, 279 ft E. of tablet, 13 ft N. of center of rd.; chiseled square on NW. cor. of bridge abutment 1374.03
- 6.5 Lennox, 1.4 mi N. and 5.5 mi E. of, 32 ft N. and 214 ft W. of crossroads, the cor. of secs. 19, 20, 29 and 30, T. 99 N., R. 50 W., 1 ft S. and 6 ft E. of T-fence N., near SW. cor. of schoolyard, in a concrete post; a standard tablet stamped "TT 35 DM 1958" 1384.486

LINE 11

WEST ALONG SOUTH BORDER (D. Meyer, 1958, Book CV-1076)

CANTON QUAD. 280 - 48

- 0.0 Fairview, 4.4 mi NW. of along the C. M. St. P. & P. RR., 7 poles S. of milepost 46, 47 ft E. of the E. rail, 28 ft S. of a private rd. and an iron frame gate, 1 ft W. of a right-of-way fence, 1.5 ft N. of a reference post and set in top of a concrete post projecting 0.5 ft above ground; a USC&GS standard disk stamped "A 155 1949" 1254.105
- 0.5 UE, center of rd. at fence N. 1242.5

11
CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

LINE 11 (Cont'd)

CANTON QUAD. 280 - 48

Feet

1.2	Canton, 3.0 mi S. and 1.3 mi E. of, near the cor. of secs. 1, 6, 31 and 36; Tps. 97 and 98 N., Rs. 48 and 49 W., 33 ft N. and 20 ft E. of rd. at field line N., 1 ft N. of a fence; iron pipe with standard bronze cap stamped "1274 Ynktn" (Note: Previously published elevation could not be reconciled. New elevation established and post red'scribed)	1273.087
1.3	Reference mark, 93 ft WSW. of tablet, 17 ft N. of center of rd., chiseled square on N. end of concrete culvert	1263.49
1.7	UE, center of rd. at bridge	1276.3
2.1	UE, 0.9 mi W. of tablet, 19 ft N. and 14 ft E. of crossroads, the probable cor. of secs. 1, 2, 35 and 36, T. 97 N., R. 49 W., chiseled square on E. end of concrete culvert	1306.59
2.7	UE, center of rd. at bridge	1346.3
2.9	UE, center of rd. at bridge	1366.3
3.2	Canton, 3.0 mi S. and 0.7 mi W. of, 29 ft N. and 358 ft E. of crossroads, the cor. of secs. 2, 3, 34 and 35, Tps. 97 and 98 N., R. 49 W., 5 ft S. and 5 ft E. of a telephone pole, 1 ft S. of a fence; in a concrete post; a standard tablet stamped "TT 38 DM 1958"	1373.855
3.2	Reference mark, 130 ft SW. of tablet, 31 ft S. of center of rd., 1 ft N. of telephone pole, steel fence post projecting 6 in. above ground	1370.16
3.7	UE, center of rd. at N.-S. fence	1333.8
4.1	UE, center of rd. at bridge	1314.0
4.2	UE, 1.1 mi W. of tablet, crossroads, the cor. of secs. 3, 4, 33 and 34, Tps. 97 and 98 N., R. 49 W.	1326.1
4.7	UE, center of rd. at fence N.	1333.0
5.2	Canton, 3.0 mi S. and 2.7 mi W. of, 32 ft S. and 362 ft E. of crossroads, the cor. of secs. 4, 5, 32 and 33, Tps. 97 and 98 N., R. 49 W., 19 ft W. and 1 ft N. of a T-fence S., in a concrete post; a standard tablet stamped "TT 39 DM 1958"	1325.212 ²¹²
5.2	Reference mark, 223 ft WNW. of tablet, 16 ft N. of center of rd.; chiseled square on N. headwall of concrete culvert	1323.35 ²¹²
5.7	UE, center of rd. at drive S.	1330.7
6.2	UE, 1.0 mi W. of tablet, 35 ft N. and 26 ft E. of crossroads, the cor. of secs. 5, 6, 31 and 32, Tps. 97 and 98 N., R. 49 W., 3 ft W. of fence cor.; chiseled square on S. end of concrete culvert	1337.85
6.8	UE, center of rd. at bridge	1330.7
7.4	Canton, 3.0 mi S. and 4.7 mi W. of, 38 ft S. and 397 ft W. of crossroads, the township cor. between Tps. 97 and 98 N., Rs. 49 and 50 W., 2 ft S. and 16 ft W. of a T-fence S., in a concrete post; a standard tablet stamped "TT 40 DM 1958"	1333.197
7.4	Reference mark, 137 ft WNW. of tablet, 15 ft S. of center of rd., chiseled square on S. headwall of concrete culvert	1333.97
7.8	UE, center of rd. at N.-S. fence	1335.4

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CANTON QUADRANGLE
280 - Iowa, 48 - South Dakota

LINE 11 (Cont'd)

CANTON QUAD. 280 - 48

Feet

8.3	UE, 0.9 mi W. of tablet, 13 ft N. and 140 ft E. of crossroads, the cor. of secs. 1, 2, 35 and 36, Tps. 97 and 98 N., R. 50 W., chiseled square on NW. wing wall of bridge	1329.29
8.8	UE, center of rd. at N.-S. fence	1334.0
9.3	Reference mark, 660 ft ENE. of tablet, 22 ft N. and 24 ft W. of crossroads; chiseled square on culvert	1331.28
9.4	Canton, 3.0 mi S. and 6.7 mi W. of, 33 ft S. and 580 ft W. of crossroads; the cor. of secs. 2, 3, 34 and 35, Tps. 97 and 98 N., R. 50 W., 1 ft N. of a T-fence S., in a concrete post; a standard tablet stamped "TT 41 DM 1958"	1330.627
9.8	UE, center of rd. at N.-S. fence	1331.0
10.3	UE, 0.9 mi W. of tablet, 17 ft N. and 35 ft W. of crossroads, the cor. of secs. 3, 4, 33 and 34, Tps. 97 and 98 N., R. 50 W., chiseled square on N. end of concrete culvert	1324.51

LENNOX QUAD. 49

10.7	UE, center of rd. at bridge	1325.3
11.0	UE, center of rd. at bridge	1325.2
11.3	Worthing, 5.0 mi S. of, near NW. cor. of junction U.S. Hwys. 18 and 77, 129 ft SW. of SW. cor. of a filling station, 88 ft N. of center Hwy. 18, 198 ft NW. of junction of Hwys., in a concrete post; a USC&GS standard disk stamped LYNN 1949	1325.797
11.8	UE, center of rd. at N.-S. fence	1327.8
12.3	UE, 1.0 mi W. of tablet, center of U.S. Hwy. 18 at crossroads, the cor. of secs. 5, 6, 31 and 32, Tps. 97 and 98 N., R. 50 W.	1319.2

LINE 12

ISOLATED BENCH MARKS - NOT SHOWN ON DIAGRAM (Bull. 569 Iowa, Bull. 643 S. Dak.)

DUE TO AGE OF WORK, RELIABILITY OF ELEVATIONS IS DOUBTFUL, UNLESS RECOVERED BY UNITED STATES COAST AND GEOLOGICAL SURVEY.

T. 99 N., R. 48 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1420"	1419.2
T. 100 N., R. 48 W., NW. cor. of sec. 19; iron post stamped "Ynktn 1343"	1342.7
T. 97 N., R. 49 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1337" (Reported not found 11/58 D.M.)	1336.0
T. 97 N., R. 48 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1274" New elevation by D. M. 1958)	1273.087
T. 98 N., R. 49 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1372"	1371.0
T. 98 N., R. 48 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1329" (Elev. by USC&GS tie)	1328.737
T. 100 N., R. 49 W., NW. cor. of sec. 7; iron post stamped "Ynktn 1484" (Elev. by USC&GS)	1483.173
T. 99 N., R. 49 W., NW. cor. of sec. 6; iron post stamped "Ynktn 1419"	1418.2