

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

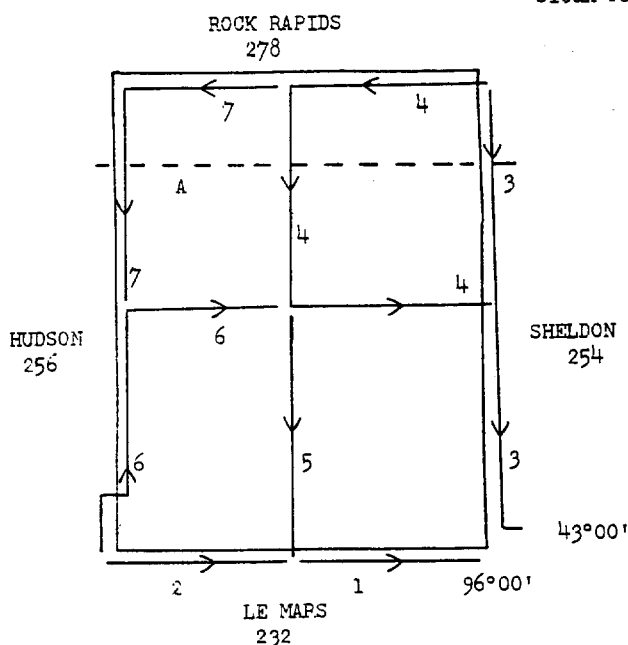
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SIOUX CENTER QUADRANGLE
255 - IOWA
N4300-W9600/15
DIAGRAM NK 14a3
Sioux Falls S. Dak. Minn. Iowa

Sioux County

Edition of 8/5/63

PR: MLC:vdc



USC&GS QUAD. NO. 430962

LINE 1

Feet

EAST ALONG EAST PORTION OF SOUTH BORDER (W. H. Vetch, 1957; CV 864)

LE MARS QUAD. - 232

- | | | |
|------|---|----------|
| 8.0 | Reference mark, 404 ft SW. of tablet; 35 ft S., 20 ft E. from center of crossroads, on the E. end of a 24-in. concrete pipe culvert; a chiseled square | 1398.06 |
| 8.1 | Orange City, 3.1 mi W. of, along State Hwy. 10 from intersection of Co. Hwy. "P", Tps. 94 and 95 N., R. 45 W., 57 ft N., 418 ft E. and 7.0 ft higher than center of crossroads, at approx. corner of secs. 1, 2, 35 and 36; 57 ft N., 146 ft E. from center of hwy. at concrete water drainage box, 4 ft S. and 44 ft W. from fence corner, (fences N.-E.), 1 ft S. and 1 ft W. of power pole, in a concrete post, a standard tablet stamped "17 WHV 1957 1406" | 1405.968 |
| 8.5 | UE 17 A, 0.4 mi E. of tablet; along Hwy. 10, Tps. 94 and 95 N., R. 45 W., at quarter cor. between secs. 1 and 36, center of hwy. at cross fences, copper nail and washer | 1384.88 |
| 9.0 | UE 17 B, 0.9 mi E. of tablet; along Hwy. 10, Tps. 94 and 95 N., Rs. 44 and 45 W., at cor. secs. 1, 6, 31 and 36; 42 ft N., 26 ft E. and 1.9 ft lower than center of crossroads, on the E. end of a 24-in. concrete pipe culvert; a chiseled square | 1391.02 |
| 9.5 | UE 17 C, 1.4 mi E. of tablet along Hwy. 10, Tps. 94 and 95 N., R. 44 W., near quarter cor. between secs. 6 and 31, 13 ft S. and 0.3 ft higher than center of concrete bridge over creek in center of S. concrete retaining wall, (11 ft above water level) a chiseled square | 1363.16 |
| 10.5 | UE 17 D, 1.9 mi E. of tablet; along Hwy. 10, T. 95 N., R. 44 W., about 0.1 mi N. from cor. secs. 5, 6, 31 and 32; 20 ft S., 44 ft E. and 4.0 ft lower than center of hwy. at crossroads, on the S. end of a 24-in. concrete pipe culvert; a chiseled square | 1376.31 |
| 10.5 | Reference mark, 49 ft W. of tablet, 32 ft N., 27 ft W. from center of State Hwy. 10 at a T-rd. N., on the W. end of a 24-in. concrete pipe culvert, a chiseled square | 1407.53 |

255 A

SIoux CENTER QUADRANGLE
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LINE 1 (Cont'd)

LE MARS QUAD. - 232

Feet

- 10.5 Orange City, 0.5 mi W. of along State Hwy. 10, from the intersection of Co. Hwy. "P", Tps. 94 and 95 N., R. 44 W., at approx. quarter cor. between secs. 5 and 32, 48 ft N., 28 ft E. and 2.8 ft higher than center of State Hwy. 10, at intersection of T-rd. N., (West End St.) 3 ft S. and 11 ft E. from fence corner, (fences N. and SE.), 2 ft S. of fence line, 1 ft N. of power line brace pole, in a concrete post, a standard tablet stamped "18 WHV 1957 1412" 1411.341
- 11.0 UE 18 A, 0.5 mi E. of tablet, along hwy. 10, Tps. 94 and 95 N., Rs. 44 and 45 W., at cor. of secs. 1, 2, 35 and 36, center of Hwy. 10 at intersection of Co. Hwy. "P" 1433.6
- 12.0 UE 18 B, 1.5 mi E. of tablet; along State Hwy. 10, Tps. 94 and 95 N., R. 44 W., at cor. secs. 3, 4, 33 and 34, 16 ft S. and 46 ft W. and 1.1 ft higher than the center of crossroads, in the center of the S. headwall of a box culvert; a chiseled square 1349.15
- 12.5 UE 18 C, 2.0 mi E. of tablet along State Hwy. 10, Tps. 94 and 95 N., R. 44 W., at approx. quarter cor. secs. 3 and 34, at center of Hwy. opposite cross fences, a copper nail and washer 1336.46
- 13.0 UE 18 D, 2.5 mi E. of tablet along State Hwy. 10, Tps. 94 and 95 N., R. 44 W., cor. secs. 2, 3, 34 and 35; 31 ft S., 34 ft W. and 0.4 ft lower than center of crossroads, a RR. spike in S. side of power pole, projecting 6-in. above ground 1321.72
- 13.5 UE 18 E, 2.6 mi E. along Hwy. 10, thence 0.4 mi S. along hwy., top of N. rail at center of N.-S. rd., crossing the Chicago and North Western RR 1304.8
- 14.2 Alton, at, 400 yards SW. of the Soc Line RR., formerly (C. St. P. M. & O. RR) station, 111 yards SW. of the crossing of State Hwy. 10, 73 ft S. of the switch at the NE. end of the side track, 77.7 ft SE. of the SE. rail of the main track, 60.3 ft SE. of the SE. rail of the sidetrack, 19.5 ft NW. of the right-of-way fence, and in line with a row of poles. a USC&GS standard disk stamped "A 16 1934" and set in the top of a concrete post projecting 5-in 1305.614

LINE 2

EAST ALONG WEST PORTION OF SOUTH BORDER (W. H. Vetch, 1957; CV 864)

IRETON QUAD. - 233

- 8.2 Reference mark, 248 ft W. of tablet; 48 ft S., 18 ft E. from center of crossroads, on the E. end of a 24-in. concrete pipe culvert; a chiseled square 1405.31
- 9.2 Ireton, 1.5 mi N. and 3.0 mi E. from, 2.3 mi N. and 3.6 mi W. from Maurice, 4.0 mi W. from intersection of U.S. Hwy. 75 and State Hwy. 10, Tps. 94 and 95 N., R. 46 W., 270 ft E. 48 ft S. and 3.0 ft higher than center of crossroads; at approx. corner of secs. 1, 2, 35 and 36; 141 ft S. of white farmhouse, 3 ft E. of telephone pole, 1 ft N. of fence line, in a concrete post, a standard tablet stamped "24 WHV 1957 1409 ft" 1409.315

LE MARS QUAD. - 232

- 8.7 UE 24 A, 0.4 mi E. of tablet along State Hwy. 10, center of hwy. at T-rd. S. 1370.9
- 9.2 UE 24 B, 0.9 mi E. of tablet along State Hwy. 10, Tps. 94 and 95 N., R. 46 W., cor. secs. 1, 2, 35 and 36; 48 ft S., 33 ft W. and 3.3 ft lower than center of hwy. at crossroads; a RR. spike in N. side of telephone pole, projecting 6-in. above ground 1372.82
- 9.7 UE 24 C, 1.4 mi E. of tablet; along State Hwy. 10, Tps. 94 and 95 N., R. 46 W., at quarter cor. between secs. 1 and 36, center of hwy. opposite cross fences, copper nail and washer 1373.41
- 10.2 UE 24 D, 1.9 mi E. of tablet; along State Hwy. 10, Tps. 94 and 95 N., Rs. 45 and 46 W., at cor. secs. 1, 6, 31 and 36; 49 ft N., 37 ft W. and 0.3 ft lower than center of crossroads, a RR. spike in S. side of power pole projecting 6-in. above ground 1360.83
- 10.6 UE 24 E, 2.4 mi E. of tablet; along State Hwy. 10, Tps. 94 and 95 N., R. 45 W., at quarter cor. between secs. 6 and 31, center of hwy. opposite cross fences 1388.4

<u>LINE 2 (Cont'd)</u>		<u>LE MARS QUAD. - 232</u>	<u>Feet</u>
11.2	Reference mark, 222ft NW. of tablet; 42 ft N., 19 ft W. from center of crossroads, on the W. end of a 24-in. concrete pipe culvert; a chiseled square		1324.99
11.2	Maurice, 2.3 mi N. and 0.7 mi W. from, 1.0 mi W. from intersection of U.S. Hwy. 75 and State Hwy. 10, Tps. 94 and 95 N., R. 45 W., 48 ft S., 184 ft E. and 5.0 ft lower than center of crossroads, at approx. cor. secs. 5, 6, 31 and 32; 3 ft E. of telephone pole, 1 ft N. of fence line, in concrete post; standard tablet stamped "25 WHV 1957 1321"		1320.860
11.7	UE 25 A, 0.5 mi E. of tablet; along State Hwy. 10, Tps. 94 and 95 N., R. 45 W., quarter cor. between secs. 5 and 32, at center of hwy. opposite cross fences		1300.57
12.1	UE 25 B, 1.0 mi E. of tablet, along State Hwy. 10, Tps. 94 and 95 N., R. 45 W., at cor. secs. 4, 5, 32 and 33; 42 ft N., 112 ft W. and 5.4 ft lower than crossroads, (intersection of U.S. Hwy. 75 and State Hwy. 10) on S. side of concrete water drainage box, a chiseled square		1295.76
12.7	UE 25 C, 1.5 mi E. of tablet along State Hwy. 10, Tps. 94 and 95 N., R. 45 W., at quarter cor. between secs. 4 and 33, center of Hwy. 10 opposite cross fences		1362.99
13.2	UE 25 D, 2.0 mi E. of tablet along State Hwy. 10, Tps. 94 and 95 N., R. 45 W., at cor. secs. 3, 4, 33 and 34, 48 ft S., 21 ft W. and 0.7 ft lower than center of crossroads, on the W. end of a crossroads, on the W. end of a 24-in. concrete pipe culvert; chiseled square		1374.43
13.9	Maurice Azimuth Mark, 48 ft N. and 28 ft E. and 0.4 ft lower than center of hwy. at driveway N., to farmhouse, 1 ft E. of power pole and 1 ft S. of fence line, the mark projects about 2-in. and the disk is stamped "MAURICE 1949"		1420.228
14.1	Maurice Triangulation Station, Station is located about 4.5 mi W. of Orange City and 3.5 mi NE. of Maurice, on the right-of-way of State Hwy. 10, 55 ft N., 214 ft W. and 2.7 ft lower than center of crossroads, 13 ft W. of power pole and 4 ft S. of fence, the mark is flush with ground and disk is stamped "MAURICE 1949"		1426.901
14.7	UE 1398.4, 0.5 mi E. of A Station, center of hwy. opposite cross fences, a copper nail and washer		1398.28
15.3	"17 WHV 1957" (described in Line 1)		1405.968

LINE 3

<u>SOUTH ALONG EAST BORDER (L.M. Tackett, 1963; CV 1568)</u>		<u>SHELDON QUAD. - 254</u>	
3 11 9.1	Reference mark, 16 ft N. and 43 ft W. of crossroads; a chiseled square in center of N. headwall of culvert		1361.97
12 9.1	Matlock, 3.0 mi W. of, T. 97 N., R. 44 W., cor. secs. 1, 2, 11 and 12, 210 ft S., 40 ft W. and 2.7 ft lower than crossroads; 1.5 ft NE. of power pole projecting 1-in. above the ground; a standard tablet in top of a concrete post; stamped "1359 30 LMT 1963" painted "EM 1352.2"		1359.163
13 10.1	UE 30 LMT A, T. 97 N., R. 44 W., at cor. secs. 11, 12, 13 and 14; a copper nail and washer in center of blacktop rd. at gravel crossroads; painted "UE centerline 1422.2"		1422.18
14 11.1	Boyden, 1.5 mi N. of, T. 97 N., R. 43 W., cor. secs. 13, 14, 23 and 24; 39 ft N., 40 ft W. and 6.0 ft lower than crossroads; 1 ft W. of fence and set flush with the ground; a standard tablet in top of concrete post; stamped "1428 31 LMT 1963" painted "EM 1427.6"		1427.578
15 11.1	Reference mark, 22 ft N. and 39 ft W. of crossroads; a chiseled square on N. end of a concrete tile culvert		1427.96
16 12.1	UE 31 LMT A, T. 97 N., R. 44 W., at cor. secs. 23, 24, 25 and 26; 43 ft N. and 15 ft E. and 0.7 ft lower than crossroads; a chiseled square in center of E. headwall of culvert; painted "UE 1426.9"		1426.85

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<u>LINE 3 (Cont'd)</u>		<u>SHELDON QUAD. - 254</u>	<u>Feet</u>
3 17 13.1	UE 31 LMT B, T. 97 N., R. 44 W., at cor. secs. 25, 26, 35 and 36; chiseled square in center of Hwy. 18 and gravel crossroads; painted "UE centerline 1419.1"		1419.01
18 14.1	Boyden, 1.0 mi S. of; T. 96 and 97 N., R. 44 W., cor. secs. 1, 2, 35 and 36; 89 ft N. and 32 ft E. and 1.1 ft lower than crossroads; 1 ft E. of power pole and 4 ft W. of fence post projecting 1-in. above the ground; standard tablet in top of a concrete post stamped "1430 32 LMT 1963" painted "EM 1430.4"		1430.345
19 14.1	Reference mark, 16 ft N. and 58 ft E. of crossroads; a chiseled square on N. end of a concrete tile culvert		1429.65
20 15.2	UE 32 LMT A, T. 96 N., R. 44 W., at cor. secs. 1, 2, 11 and 12; 13 ft N. and 50 ft E. and 1.8 ft lower than crossroads; chiseled square on N. end of concrete tile culvert; painted "UE 1413.5"		1413.38
21 16.2	UE 32 LMT B, T. 96 N., R. 44 W., cor. secs. 11, 12, 13 and 14; 62 ft N., 19 ft W. and 3.6 ft lower than crossroad; a punched hole in W. end of a steel culvert; painted "UE 1402.7"		1402.7
22 17.2	Boyden, 4.0 mi S. of; T. 96 N., R. 44 W., at cor. secs. 13, 14, 23 and 24; 35 ft N. and 33 ft E. and 3.4 ft lower than crossroads; also 5 ft N. of power pole and projecting 2-in. above the ground; a standard tablet in top of a concrete post; stamped "1417 33 LMT 1963" painted "EM 1416.8"		1416.669
23 17.2	Reference mark, 13 ft S. and 72 ft E. of crossroads; a punched hole; in S. end of a steel culvert		1417.32
24 18.2	UE 33 LMT A, T. 96 N., R. 44 W., cor. secs. 23, 24, 25 and 26; 29 ft S. and 34 ft W. and 2.0 ft lower than crossroads; a punched hole in E. end of steel culvert; painted "UE 1436.4"		1436.25
25 19.2	UE 33 LMT B, T. 96 N., R. 44 W., cor. secs. 25, 26, 35 and 36; 20 ft N. and 26 ft W. and 3.6 ft lower than crossroads; a punched hole in N. end of a steel culvert; painted "UE 1429.6"		1429.5
26 20.2	Reference mark, 15 ft S. and 59 ft E. of crossroads; a punched hole in S. end of a steel culvert		1445.3
27 20.3	Boyden, 7.0 mi S. of; T. 95 and 96 N., R. 44 W., at cor. secs. 1, 2, 35 and 36; 340 ft S. and 43 ft E. and 6 ft lower than crossroads; 7 ft NE. of fence corner post 1 ft N. of fence projecting 3-in. above the ground; a standard tablet in top of a concrete post; stamped "1442 34 LMT 1963" painted "EM 1442.1"		1441.962
28 21.2	UE 34 LMT A, T. 95 N., R. 44 W., at cor. secs. 1, 2, 11 and 12; a 40 d nail driven in center of blacktop rd. at gravel crossroads; painted "UE centerline 1455.2"		1455.05
29 22.2	UE 34 LMT B, T. 95 N., R. 44 W., cor. secs. 11, 12, 13 and 14; 31 ft N., 34 ft W. and 1.5 ft lower than crossroads; a RR. spike in E. side of a power pole; painted "UE 1452.0"		1451.88
30 23.1	Boyden, 10.0 mi S. of; T. 95 N., R. 44 W., cor. secs. 13, 14, 23 and 24; 520 ft N. 22 ft E. and 0.2 ft higher than crossroads; 1.5 ft W. of fence projecting 3-in. above the ground; standard tablet in top of a concrete post; stamped "1393 35 LMT 1963" painted "EM 1393.0"		1392.850
31 23.2	Reference mark, 17 ft S. and 34 ft W. of crossroads; punched hole in S. end of a steel culvert		1393.2
32 24.3	UE, 35 LMT A, T. 95 N., R. 44 W., cor. secs. 23, 24, 25 and 26; 280 ft S. and 14 ft W. and 6.7 ft lower than crossroads; a chiseled square in center of W. headwall of culvert; 6.0 ft above the drain; painted "UE 1354.3"		1354.07

<u>LINE 3 (Cont'd)</u>		<u>SHELDON QUAD. - 254</u>	<u>Feet</u>
2 33	25.1	UE 35 LMT E, T. 95 N., R. 44 W., near cor. secs. 25, 26, 35 and 36; 77 ft N. and 12 ft W. and 1.1 ft lower than crossroads; a chiseled square in center of W. headwall of culvert; 5 ft above the drain; painted "UE 1316.4"	1316.19
34	26.1	UE 35 LMT C, T. 95 N., R. 43 and 44 W., near cor. secs. 25, 30, 31 and 36; 41 ft S. 8 ft E. and same elev. as center of bridge; a chiseled square on SE. cor. of the bridge floor, 17 ft above the water; painted "UE 1308.8"	1308.64
35	26.6	Alton, 2.6 mi NE. along the G. St. P. M. & O. RR. from the station at; 44 yards SW. of milepost 225, 31 yards SE. of iron culvert 763, 39 yards N. of a rd. crossing, 47.1 ft NW. of the NW. rail, and 1.7 ft SE. of the right-of-way fence. a USC&GS standard disk, stamped "C 16 1934" and set in the top of a concrete post projecting 4-in. above ground	1315.778

LINE 4

EAST ALONG NORTH BORDER, SOUTH TO CENTER OF QUAD THENCE WEST TO EAST BORDER (L.M. Tackett, 1963; CV 1468)

		<u>SHELDON QUAD. - 254</u>	
3 51	0.0	"30 LMT 1963" (described in Line 3)	1359.163
		<u>SIOUX CENTER QUAD. - 255</u>	
1.0		UE 30 LMT AA, T. 97 N., R. 44 W., at cor. secs. 2, 3, 10 and 11; 23 ft N. and 29 ft E. and 3.6 ft lower than crossroads; a chiseled square on N. end of a concrete tile culvert painted "UE 1410.5"	1410.49
52	2.0	UE 30 LMT BE, T. 97 N., R. 44 W., cor. secs. 3, 4, 9 and 10, 16 ft N., 43 ft E. and 1.9 ft lower than crossroad; a punched hole in N. end of a steel culvert; painted "UE 1423.8"	1423.8
53	3.0	Boyden, 3.5 mi N. and 2.5 mi W. of; T. 97 N., R. 44 W., at cor. secs. 4, 5, 8 and 9; 35 ft S., 370 ft E. and 8.7 ft higher than crossroads; also 1 ft N. of power pole and projecting 2-in. above the ground; a standard tablet in top of a concrete post; stamped "1427 38 LMT 1963" painted "BM 1426.9"	1426.875
54	3.1	Reference mark, 38 ft N. and 55 ft W. of crossroad; a chiseled square on W. end of a concrete tile culvert	1412.64
55	4.1	UE 38 LMT A, T. 97 N., R. 44 W., cor. secs. 5, 6, 7 and 8; 29 ft S. and 34 ft W. and 3.7 ft lower than crossroad; a chiseled square on E. end of a concrete culvert; painted "UE 1436.8"	1436.79
56	5.0	UE 38 LMT B, T. 97 N., R. 44 and 45 W., cor. secs. 1, 6, 7 and 12; 32 ft N., 34 ft E. and 1.1 ft lower than crossroads; a RR. spike in S. side of a power pole; painted "UE 1432.3"	1432.30
57	6.0	UE 38 LMT C, T. 97 N., R. 45 W., cor. secs. 1, 2, 11 and 12; 16 ft S. and 34 ft W. and 2.9 ft lower than crossroads; a punched hole in S. end of a steel culvert; painted "UE 1420.5"	1420.46
58	7.0	UE 38 LMT D, T. 97 N., R. 45 W., cor. secs. 11, 12, 13 and 14; 24 ft S. and 23 ft W. and 4.0 ft lower than crossroads; a chiseled square on S. end of a concrete tile culvert; painted "UE 1407.6"	1407.62
59	8.0	Reference mark, 84 ft N., 15 ft E. of crossroads; a punched hole on E. end of a steel culvert	1395.29
60	8.1	Hull, 1.5 mi N. of; T. 97 N., R. 45 W., cor. secs. 13, 14, 23 and 24; 220 ft S., 32 ft E. and 0.2 ft lower than crossroads; 3 ft SW. of power pole, 2 ft W. of fence and projecting 2-in. above the ground; a standard tablet in top of a concrete post; stamped "1397 39 LMT 1963" painted "BM 1397.1"	1397.105
61	9.0	UE 39 LMT A, T. 97 N., R. 45 W., cor. secs. 23, 24, 25 and 26; 20 ft S, 48 ft W. and 1.7 ft lower than crossroads; a chiseled square on the S. end of a concrete tile culvert; painted "UE 1430.8"	1430.84

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<u>LINE 4 (Cont'd)</u>		<u>SIoux CENTER QUAD. - 255</u>	<u>Feet</u>
3 62 10.1	UE 39 LMT B, T. 97 N., R. 45 W., cor. secs. 25, 26, 35 and 36; a chiseled square in center of hwy. 18 at gravel rd. S.; painted "UE centerline 1407.8"		1407.83
63 11.1	Reference mark, 33 ft N., 31 ft E. of crossroads; an iron pipe driven in the ground on W. side of power pole		1445.99
64 11.1	Hull, 1.2 mi S. of; T. 96 and 97 N., R. 45 W., cor. secs. 1, 2, 35 and 36; 31 ft N., 83 ft E. and 0.7 ft lower than crossroads; 1 ft S. of fence and set flush with the ground; a standard tablet in top of a concrete post; stamped "1446 40 LMT 1963" painted "EM 1446.1"		1446.071
65 12.1	UE 40 LMT A, T. 96 N., R. 45 W., cor. secs. 1, 2, 11 and 12; 15 ft S., 27 ft E. and 1.1 ft lower than crossroads; a punched hole in S. end of a steel culvert; painted "UE 1450.5"		1450.5
66 13.1	UE 40 LMT B, T. 96 N., R. 45 W., cor. secs. 11, 12, 13 and 14; 19 ft S., 52 ft E. and 1.1 ft lower than crossroads; 1.4 ft lower than crossroads; 1.4 ft lower than bridge and 6.0 ft above the drain; a copper nail and washer; in SW. bridge support; painted "UE 1401.1"		1401.15
67 14.0	Hull, 4.2 mi S. of; T. 96 N., R. 45 W., cor. secs. 13, 14, 23 and 24; 310 ft N., 30 ft E. and 3.2 ft higher than crossroads; 2 ft W. of telephone pole and set flush with the ground. a standard tablet in top of concrete post; stamped "1457 41 LMT 1963" painted "EM 1457.0"		1457.065
68 14.1	Reference mark, 38 ft N., 16 ft W. of crossroads; punched hole in W. end of a steel culvert		1452.99
69 15.1	UE 41 LMT A, T. 96 N., R. 44 & 45 W., cor. secs. 13, 18, 19 and 24; 44 ft S. and 18 ft W. and 2.2 ft lower than crossroads; punched hole in W. end of a steel culvert; painted "UE 1374.4"		1374.39
70 16.1	UE 41 LMT B, T. 96 N., R. 44 W., cor. secs. 17, 18, 19 and 20; 59 ft S., 72 ft W. and 5.0 ft lower than crossroads; a chiseled square on W. cor. of bottom concrete step of schoolhouse; painted "UE 1372.9"		1372.91
71 17.1	Reference mark, 34 ft N., 51 ft W. of crossroads; a steel rod driven in the ground; E. side of fence corner post		1442.44
72 17.2	Hull, 4.2 mi S. and 3.0 mi E. of; T. 96 N., R. 44 W., cor. secs. 16, 17, 20 and 21; 32 ft S., 350 ft E. and 7.5 ft lower than crossroads; 3 ft NW. of power pole and projecting 2-in. above the ground; a standard tablet in top of a concrete post; stamped "1437 42 LMT 1963" painted "EM 1436.7"		1436.702
73 18.1	UE 42 LMT A, T. 96 N., R. 44 W., cor. secs. 15, 16, 21 and 22; 35 ft N., 16 ft E. and 1.7 ft lower than crossroads; punched hole in E. end of a steel culvert; painted "UE 1409.5"		1409.5
74 19.1	UE 42 LMT B, T. 96 N., R. 44 W., cor. secs. 14, 15, 22 and 23; 32 ft N., 32 ft W. and 1.2 ft lower than crossroads; a RR. spike in S. side of power pole; painted "UE 1442.7"		1442.76

SHELDON QUAD. - 254

75 20.1	"33 LMT 1963" (described in Line 3)		1416.669
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LINE 5

SOUTH THRU CENTER OF QUAD. (L.M. Tackett, 1963; 6V 1568)

SIoux CENTER QUAD. - 255

4 1 0.0	"41 LMT 1963" (described in Line 4)		1457.065
1.1	UE 41 LMT AA, T. 96 N., R. 45 W., cor. secs. 23, 24, 25 and 26; 29 ft S., 25 ft E. and 2.5 ft lower than crossroads; a punched hole in E. end of steel culvert; painted "UE 1431.8"		1431.9

<u>LINE 5 (Cont'd)</u>		<u>STOIX CENTER QUAD. - 255</u>	<u>Feet</u>
4 2	2.1	UE 41 LMT BB, T. 96 N., R. 45 W., cor. secs. 25, 26, 35 and 36; 72 ft S., 16 ft W. and 2.9 ft lower than crossroads; punched hole on W. end of a steel culvert; painted "UE 1409.4"	1409.5
3	3.1	Reference mark, 42 ft N., 17 ft W. of crossroads; punched hole in W. end of steel culvert	1354.91
4	3.2	Hull, 7.2 mi S. of; T. 95 and 96 N., R. 45 W., cor. secs. 1, 2, 35 and 36; 285 ft S., 30 ft W. and 3.4 ft lower than crossroads; 1.5 ft SE. of telephone pole projecting 2-in. above ground; a standard tablet in top of a concrete post; stamped "1344 43 LMT 1963" painted "BM 1344.1"	1344.102
5	4.1	UE 43 LMT A, T. 95 N., R. 45 W., cor. secs. 1, 2, 11 and 12; 46 ft N., 20 ft E. and 4.4 ft lower than T-rd. N.; chiseled square on E. end of a concrete tile culvert; painted "UE 1343.1"	1343.19
6	5.1	UE 43 LMT B, T. 95 N., R. 45 W., cor. secs. 11, 12, 13 and 14; 18 ft S., 33 ft E. and 0.6 ft lower than T-rd. S.; punched hole in E. end of a steel culvert; painted "UE 1324.3"	1324.3
7	6.1	Reference mark, 152 ft N., 15 ft W. of crossroads; a chiseled square in center of W. headwall of a concrete culvert; 6 ft above the drain	1361.37
8	6.2	Orange City, 1.5 mi N. and 2.5 mi W. of; T. 95 N., R. 45 W., at cor. secs. 13, 14, 23 and 24; 209 ft S., 40 ft W. and 0.4 ft higher than crossroads; 7 ft NW. of fence cor. a standard tablet in top of concrete post; stamped "1364 44 LMT 1963" painted "BM 1364.1"	1364.174
9	7.1	UE 44 LMT A, T. 96 N., R. 45 W., cor. secs. 23, 24, 25 and 26; 138 ft N. and 29 ft E. and same elev. as crossroads; a chiseled square on S. end of a concrete tile culvert; painted "UE 1358.4"	1358.53
10	8.1	UE 44 LMT B, T. 96 N., R. 45 W., cor. secs. 25, 26, 35 and 36; 27 ft N., and 41 ft E. and 0.2 ft lower than crossroads; a punched hole; in E. end of a steel culvert; painted "UE 1379.6"	1379.7
		<u>LE MARS QUAD. - 232</u>	
11	9.2	"17 WHV 1957" (described in Line 1)	1405.968

LINE 6

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

		<u>IRETON QUAD. - 233</u>	
4 12	0.0	"24 WHV 1957" (described in Line 2)	1409.315
		<u>HUDSON QUAD. - 256</u>	
	1.1	UE 24 WHV F, T. 95 N., R. 46 W., at cor. secs. 26, 27, 34 and 35; 14 ft N. and 34 ft E. and 2.7 ft lower than crossroads; a punched hole in N. end of a steel culvert; painted "UE 1443.3"	1443.30
		<u>STOIX CENTER QUAD. - 255</u>	
14	2.1	UE 24 WHV G, T. 95 N., R. 46 W., at cor. secs. 25, 26, 35 and 36; 16 ft S. and 87 ft E. and 4.0 ft lower than crossroads; a chiseled square in center of S. headwall of a concrete culvert; painted "UE 1399.3"	1399.36
15	3.1	UE 24 WHV H, T. 95 N., R. 45 W., cor. secs. 23, 24, 25 and 26; 17 ft S. and 31 ft E. and 0.4 ft lower than crossroads; a punched hole in S. end of a steel culvert; painted "UE 1435.9"	1435.9
16	4.1	Sioux Center, 1.8 mi S and 2.5 mi W. of, T. 95 N., R. 46 W., cor. secs. 13, 14, 23 and 24; 200 ft S. and 33 ft E. and 3.9 ft higher than crossroads; 0.5 ft W. of fence and set flush with the ground. a standard tablet in top of a concrete post; stamped "45 LMT 1963" painted "BM 1435.6"	1435.669

SIoux CENTER QUADRANGLE
255 - IOWA

LINE 6 (Cont'd)	SIoux CENTER QUAD. - 255	Feet
4 17 4.2 Reference mark, 17 ft S. and 34 ft W. of crossroads; a chiseled square on S. end of a concrete tile culvert		1431.88
18 5.2 UE 45 LMT A, T. 95 N., R. 46 W., cor. secs. 11, 12, 13 and 14; 36 ft S., 16 ft W. and 2.6 ft lower than crossroads; a punched hole in W. end of a steel culvert; painted "UE 1447.6"		1447.6
19 6.2 UE 45 LMT B, T. 95 N., R. 46 W., cor. secs. 1, 2, 11 and 12; 43 ft S. and 28 ft W. and 1.0 ft lower than crossroads; a chiseled square on N. end of a concrete tile culvert; painted "UE 1451.3"		1451.31
20 7.2 Sioux Center, 2.5 mi W. of, T. 95 and 96 N., R. 46 W., cor. secs. 1, 2, 35 and 36; 40 ft S., 27 ft E. and 3.1 ft lower than crossroads; in between power pole and telephone pole; projecting 1 in. above the ground; a standard tablet in top of a concrete post stamped "1384 46 LMT 1963" painted "EM 1384.4"		1384.476
21 7.2 Reference mark, 27 ft N., 17 ft W. of crossroads; a chiseled square on W. end of a concrete tile culvert		1384.23
22 8.2 UE 46 LMT A, T. 96 N., R. 46 W., cor. secs. 25, 26, 35 and 36; 17 ft N., 28 ft E. and 0.6 ft lower than crossroads; a punched hole in N. end of a steel culvert; painted "UE 1418.1"		1418.1
23 9.2 UE 46 LMT B, T. 96 N., R. 46 W., cor. secs. 23, 24, 25 and 26; 15 ft N., 98 ft W. and 1.1 ft higher than crossroads; 0.9 ft higher than rd. at culvert; and 7 ft above the drain; a chiseled square in center of N. headwall of culvert; painted "UE 1379.5"		1379.61
24 10.2 Sioux Center, 2.5 mi N. and 2.5 mi W. of; at the town called Carmel; T. 96 N., R. 46 W., at cor. sec. 13, 14, 23 and 24; 410 ft S. and 32 ft E. and 8.1 ft lower than crossroads; 3 ft NE. of fence corner set flush with the ground; a standard tablet in top of a concrete post; stamped "1337" 47 LMT 1963" painted "EM 1336.7" (erroneously stamped and painted)		1436.740
25 10.2 Reference mark, 69 ft S., 59 ft W. of crossroads; a chiseled square on W. end of bottom concrete step going into a school		1442.81
26 11.2 UE 47 LMT A, T. 96 N., R. 45 and 46 W., cor. secs. 13, 18, 19 and 24; 39 ft S. and 20 ft E. and 4.8 ft lower than crossroads; a chiseled square on E. end of a concrete tile culvert; painted "UE 1445.5"		1445.57
27 12.2 UE 47 LMT B, T. 96 N., R. 45 W., cor. secs. 17, 18, 19 and 20; a 40 penny nail driven in center of blacktop rd. at gravel crossroads; painted "UE centerline 1435.7"		1435.74
28 13.2 Sioux Center, 2.5 mi N. of, along Hwy. 75; T. 96 N., R. 45 W., cor. secs. 16, 17, 20 and 21; 50 ft S., 180 ft W. and 2.7 ft lower than crossroads; between fence and power pole, projecting 2-in. above the ground; a standard tablet in top of a concrete post; stamped "1454 48 LMT 1963" painted "EM 1453.9"		1453.981
29 13.2 Reference mark, 21 ft S., 45 ft E. of crossroads; a chiseled square on S. end of a concrete tile culvert		1455.13
30 14.2 UE 48 LMT A, T. 96 N., R. 45 W., at cor. secs. 15, 16, 21 and 22; 28 ft S., 16 ft E. and 0.4 ft lower than crossroads; a punched hole in E. end of a steel culvert; painted "UE 1423.8"		1423.8
31 15.2 UE 48 LMT B, T. 96 N., R. 45 W., cor. secs. 14, 15, 22 and 23; 32 ft N., 32 ft W. and 3.5 ft lower than crossroads; a RR. spike in S. side of power pole; painted "UE 1453.0"		1453.02
32 16.3 "41 LMT 1963" (described in Line 4)		1457.065

LINE 7

Feet

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

SIOUX CENTER QUAD. - 255

4 33	0.0	"38 LMT C" (described in Line 4)	1420.46
	0.5	Hull, 3.5 mi N. of, at quarter cor. between secs. 2 and 11; T. 97 N., R. 45 W., 34 ft S. and 34 ft W., 1.7 ft higher than rd. at N.-S. fence; stamped "BOEVE RM NO 4 1949" painted "BM 1443.9"	1443.876
34	1.0	UE Boeve A, T. 97 N., R. 45 W., cor. secs. 2, 3, 10 and 11; a 40 penny nail driven in center of blacktop rd. at gravel crossroads; painted "UE centerline 1398.9"	1398.89
35	2.0	UE Boeve B, T. 97 N., R. 45 W., cor. secs. 3, 4, 9 and 10; 32 ft N. and 33 ft W. and 2.3 ft lower than crossroads; a RR. spike in S. side of power pole; painted "UE 1345.4"	1345.37
36	3.0	Reference mark, 22 ft S. and 45 ft W. of crossroads; a chiseled square on S. end of a concrete tile culvert	1308.03
37	3.1	Perkins, 4.0 mi N. of, T. 97 N., R. 45 W., at cor. secs. 4, 5, 8 and 9, 32 ft S., 452 ft W. of crossroads; 7.9 ft higher than crossroads; 2 ft NW. of fence corner projecting 2 in. above the ground; a standard tablet in top of a concrete post; stamped "1322 49 LMT 1963" painted "BM 1322.1"	1322.126
38	4.0	UE 49 LMT A, T. 97 N., R. 45 W., cor. secs. 5, 6, 7 and 8; 32 ft N., 76 ft W. and same elev. as T-rd. N.; chiseled square on W. end of a concrete tile culvert; painted "UE 1326.7"	1326.73
39	5.0	UE 49 LMT B, T. 97 N., R. 45 and 46 W., cor. secs. 1, 6, 7 and 12; 38 ft N., 28 ft E. and 3.9 ft lower than crossroads; a RR. spike; in N. side of telephone pole; painted "UE 1321.9"	1321.91
40	6.0	Reference mark, 17 ft S., 46 ft E. of crossroads; a chiseled square on S. end of a concrete tile culvert	1265.65
41	6.0	Rock Valley, 2.2 mi N., 2.2 mi E. of; T. 97 N., R. 46 W., cor. secs. 1, 2, 11 and 12; 72 ft S., 49 ft E. and 2.6 ft lower than T-rd. E.; between telephone pole and fence projecting 2-in. above the ground; a standard tablet stamped "1264 50 LMT 1963" painted "BM 1264.4"	1264.369
42	7.0	UE 50 LMT A, T. 97 N., R. 46 W., cor. secs. 11, 12, 13 and 14; a 40d nail in center of blacktop rd. at gravel crossroads; painted "UE centerline 1305.0"	1305.02
43	8.0	UE 50 LMT B, T. 97 N., R. 46 W., cor. secs. 13, 14, 23 and 24; 58 ft N., 37 ft E. and 3.4 ft lower than crossroads; a chiseled square on N. end of a concrete tile culvert; painted "UE 1374.7"	1374.73
44	9.1	Rock Valley, 2.2 mi E. of; T. 97 N., R. 46 W., cor. secs. 23, 24, 25 and 26; 60 ft S. and 54 ft E. and 2.2 ft higher than crossroads; 2 ft W. of power pole and 1.5 ft N. of fence projecting 2-in. above ground; a standard tablet in top of a concrete post stamped "1391 51 LMT 1963" painted "BM 1391.3"	1391.286
45	9.1	Reference mark, 60 ft S., 38 ft W. of crossroads; an iron stake driven in the ground at a fence corner; a right-of-way marker	1388.00
46	10.1	UE 51 LMT A, T. 97 N., R. 46 W., at cor. secs. 25, 26, 35 and 36; 35 ft S., 35 ft W. and 1.4 ft lower than crossroads; a RR. spike in E. side of a power pole; painted "UE 1414.5"	1414.45
47	11.1	UE 51 LMT B, T. 96 and 97 N., R. 46 W., cor. secs. 1, 2, 35 and 36; 31 ft N., 34 ft E. and 1.6 ft lower than crossroads; a RR. spike in W. side of power pole; painted "UE 1364.3"	1364.29

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SIOUX CENTER QUADRANGLE
255 - IOWA

LINE 7 (Cont'd)

SIOUX CENTER QUAD - 255

Feet

448	12.1	Reference mark, 25 ft N., 40 ft W. of crossroads; a chiseled square on N. end of a concrete tile culvert	1421.57
49	12.1	Rook Valley, 3.0 mi S. and 2.2 mi E. of, T. 96 N., R. 46 W., cor. secs. 1, 2, 11 and 12 29 ft S., 45 ft E. and 3.1 ft lower than crossroads; 4 ft N. of telephone pole and 1 ft W. of fence; set flush with the ground; a standard tablet in top of a concrete post; stamped "1420 52 LMT 1963" painted "BM 1420.3"	1420.283
50	13.1	UE 52 LMT A, T. 96 N., R. 46 W., cor. secs. 11, 12, 13 and 14; 32 ft S., 27 ft W. and 2.1 ft lower than crossroads; a chiseled square on S. end of concrete tile culvert; painted "UE 1432.3"	1432.33
51	14.2	"47 LMT 1963" (described in Line 6)	1436.740