

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

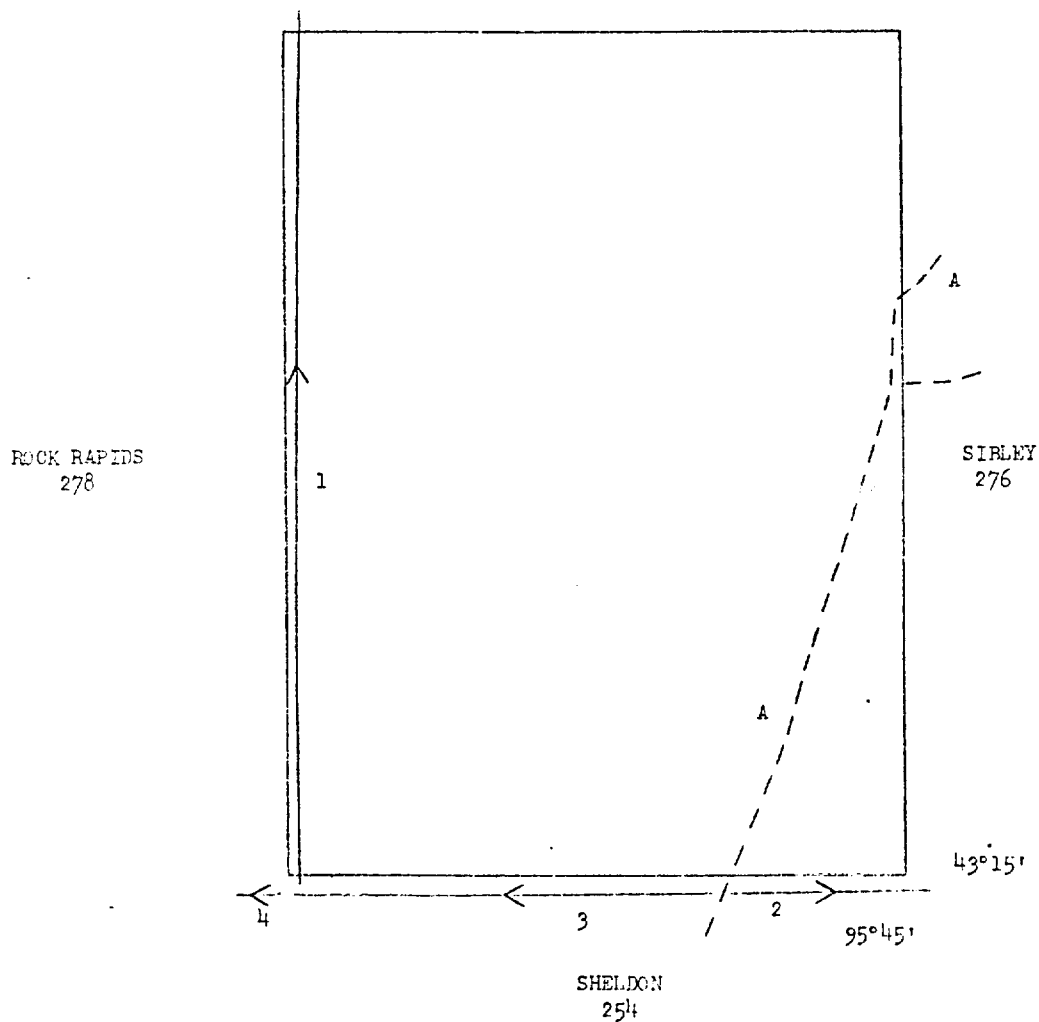
Final Adjustment of 1969

Osceola and Lyon Counties

Edition of 11/17/69
PR: ADP/GH/ph

GEORGE QUADRANGLE
277 - IOWA
N4315-W9545/15
DIAGRAM NK 15-1
FAIRMONT

ADRIAN
20 MINN.



USC&GS VERTICAL CONTROL DATA

A. Quadrangle No. 430953

277A

LINE 1

FEET

J. W. Geurin. 1969; Book CV-2404

SHELDON QUAD. - 254

1	2	0.0 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 ground, a standard tablet in top of concrete post; stamped "1359 30 LMT 1963"	1359.163
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GEORGE QUAD. - 277

3	1.0	Reference Mark, 96 ft S. of tablet; 38 ft S. and 41 ft W. of crossroad, 6 in. above ground, a rail spike in E. side of a telephone pole, painted "RM"	1380.84
3	1.0	Boyden, 4.5 mi N. of, along Hwy. L-14; at sec. cors. 1, 2, 35 and 36; T. 98 N., R. 44 W., 58 ft N. and 65 ft W. of crossroads, 2 ft N. of telephone brace pole, in fenceline projecting 3 in. above ground, a standard tablet on end of copper coated steel rod driven 10 feet into ground and incased in 5 in. drain tile 1 ft long, filled with gravel, stamped "1383 1 GEU 1969"	1383.340
4	2.0	UE 1 A; T. 98 N., R. 44 W., at cor. secs. 25, 26, 35 and 36; 1 mi N. along Hwy. L-14 from BM 1 GEU, in center of crossroads, painted "UE Centerline"	1399.3
5	3.0	UE 1 B; T. 98 N., R. 44 W., at cor. of secs. 23, 24, 25 and 26; 2.0 mi N. along Hwy. L-14 from BM 1 GEU, in center of crossroads, painted "UE Centerline"	1412.1
6	4.0	Reference Mark, 153 ft SE. of tablet; rail spike in power pole 6 in. above ground (W. side of pole), painted	1383.87
6	4.0	Boyden, 7.5 mi N. of; 3 mi S. of George along Hwy. L-14; T. 98 N., R. 44 W., at cor. secs. 13, 14, 23 and 24; 30 ft W. and 148 ft N. of crossroads, a standard tablet set in W. end of 4 ft round concrete culvert (S. one of three), stamped "1385 2 GEU 1969", painted "BM"	1385.066
7	5.0	UE 2 A; T. 98 N., R. 44 W., at cor. of secs. 11, 12, 13 and 14, 1 mi N. along Hwy. L-14 from BM 2 GEU, 1.3 ft lower than center rd., rail spike in W. side of power pole 6 in. above ground, 45 ft S. and 55 ft E. of center crossroad, painted "UE"	1403.94
8	6.0	UE 2 B; T. 98 N., R. 44 W., at cor. secs. 1, 2, 11 and 12, 1 mi S. of George, along Hwy. L-14 (2 mi N. of BM 2 GEU), center rd. at T-drive W., painted "UE Centerline"	1359.5
9	6.9	Reference Mark, 110 ft S. of BM, 21 ft W. of center st., punched hole in S. end of culvert, painted "RM"	1385.13
9	6.9	George, in town of; at the cor. of N. Virginia and E. Iowa Sts., 23 ft E. and 68 ft N. of center of cross-streets, 11 ft W. of Ebenezer Presbyterian Church, a standard tablet set in cor. of sidewalk, stamped "1389 3 GEU 1969" (not painted)	1389.389
10	8.0	UE 3 A; T. 99 N., R. 44 W., at cor. of secs. 25, 26, 35 and 36; 1 mi N. of George along Hwy. 339 from BM 3 GEU, center crossroads, painted "UE Centerline"	1405.8
11	9.0	UE 3 B; T. 99 N., R. 44 W., at cor. secs. 23, 24, 25 and 26; 2 mi N. of George along Hwy. 339 from BM 3 GEU, center rds., painted "UE Centerline"	1437.1
12	10.0	Reference Mark, 85 ft E. of BM, a spike in W. side of power pole, 6 in. above ground	1456.40

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GEORGE QUADRANGLE
277 - IOWA

LINE 1 (Cont'd)

FEET

GEORGE QUAD. - 277

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| 1 12 10.0 | George, 3 mi N. of; T. 99 N., R. 44 W., at cor. of secs. 13, 14, 23 and 24; 26 ft W., 50 ft S. of crossroads, in center of concrete headwall on W. side rd., a standard tablet stamped "4 GEU 1969 1457" | 1456.509 |
| 13 11.0 | UE 4 A; T. 99 N., R. 44 W., cor. of secs. 11, 12, 13 and 14; 1 mi N. of BM 4 GEU, center hwy. at T-rd. E., painted "UE Centerline" | 1460.4 |
| 14 12.0 | UE 4 B; T. 99 N., R. 44 W., at cor. of secs. 1, 2, 11 and 12, 2 mi N. of BM 4 GEU, center crossroads, painted "UE Centerline" | 1450.1 |
| 15 12.9 | Reference Mark, 90 ft SE. of BM, rail spike in W. side power pole, painted "RM" | 1433.35 |
| 15 12.9 | George, 6 mi N. of; T. 99 N., R. 44 W., near sec. cors. 1, 2, 35 and 36; 430 ft S. and 24 ft E. of center crossroads (Hwy. 9 and 339), in center of E. headwall of concrete culvert, stamped "1434 5 GEU 1969", painted "BM" | 1433.990 |
| 16 14.0 | UE 5 A; T. 100 N., R. 44 W., at sec. cors. 25, 26, 35 and 36; 35 ft S. and 26 ft E. of center of crossroads, rail spike in W. side of power pole 6 in. above ground, painted "UE" | 1415.82 |
| 17 15.1 | Reference Mark, 210 ft N. of BM, rail spike in power pole, painted "RM" | 1438.66 |
| 17 15.1 | George, 8 mi N. of; T. 100 N., R. 44 W., at cor. of secs. 23, 24, 25 and 26; 66 ft W. and 31 ft N. of center of T-drive to church, 65 ft SE. of SE. cor. Bethel Reformed Church, in concrete sidewalk of entrance to church; stamped "1441 6 GEU 1969" | 1440.490 |
| 18 16.1 | UE 6 A; T. 100 N., R. 44 W., at sec. cors. 13, 14, 23 and 24; 36 ft W. and 37 ft S. of crossroads, rail spike in E. side of power pole, 6 in. above ground, painted "UE" | 1431.30 |
| 19 17.1 | UE 6 B; T. 100 N., R. 44 W., at sec. cors. 11, 12, 13 and 14, approx. 0.5 mi S. of Minn. State Line; 115 ft N. and 33 ft W. of center of field entrance W., spike in gate post, painted "UE" | 1439.44 |

ADRIAN QUAD. - 20 MINN.

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| 20 17.9 | Ellsworth, 1.3 mi S. and approx. 1.0 mi E. of; T. 101 N., R. 43 W., near S. cor. secs. 33 and 34, on Minn.-Iowa State line, 36 ft S. and 735 ft W. of T-rd. N., 36 ft S. and 5/2 ft E. of T-rd. S., 1 ft N. of T-fence S., in concrete post; a standard tablet stamped "60 SEM 1966 1450", painted "BM 1450.3" | 1450.230 |
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LINE 2

L. N. Tackett, 1963; Book CV-1568

SHELDON QUAD. - 254

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| 0.0 | Ritter, 0.4 mi S. along the Chicago, St. Paul, Minneapolis and Omaha RR. from the station at; 25 ft S. of MP 207, 45.4 ft W. of the W. rail of the main track, 18.8 ft W. of the W. rail of the sidetrack, and 1.2 ft E. of the right-of-way fence; a USC&GS standard disk stamped "P 16 1934" and set in top of a concrete post projecting 8 in. | 1436.926 |
| 0.0 | Ritter, at; 84 yards N. of the N. end of the C. St. P. M. & O. RR. Station, 50 yards N. of a rd. crossing, 45.8 ft E. of the E. rail of the main track, 70.8 ft E. of the E. rail of the E. sidetrack, and 1.4 ft W. of the right-of-way fence; a USC&GS standard disk stamped "Q 16 1934" and set in top of a concrete post | 1427.864 |

LINE 2 (Cont'd)

FEET

SHELDON QUAD. - 254

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| 1.0 UE Q 16 A; T. 97 N., R. 42 W., at cor. secs. 3, 4, 9 and 10; 38 ft S. and 18 ft W. and 1.7 ft lower than crossroads; a chisel in center of W. headwall of a concrete culvert | 1435.14 |
| 2.0 Reference Mark, 17 ft S. and 74 ft E. of crossroads; chiseled square in center of S. headwall of concrete headwall of culvert | 1438.13 |
| 2.0 Ritter, 2.0 mi E. of; T. 97 N., R. 42 W., at cor. secs. 2, 3, 10 and 11; 34 ft N. and 100 ft E. and 2.3 ft lower than crossroads; 1.5 ft NW. of a fence cor. post and projecting 3 in. above the ground; a standard tablet in top of a concrete post stamped "1436 13 LMT 1963" | 1436.342 |
| 3.0 UE 13 LMT A; T. 97 N., R. 42 W., at cor. secs. 1, 2, 11 and 12, 12 ft N. and 43 ft W. and 0.1 ft lower than crossroads; a chiseled square in center of N. headwall of culvert | 1439.76 |

PRIMGHAR QUAD. - 253

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| 4.1 UE 13 LMT B; T. 97 N., R. 41 and 42 W., at cor. secs. 1, 6, 7 and 12; 13 ft S. and 135 ft E. and 0.1 ft higher than crossroads; a chiseled square; in center of concrete headwall to the S. | 1449.12 |
| 4.5 Ritter, 4.5 mi E. of, on top of ridge; T. 97 N., R. 41 W., 0.4 mi E. of cor. secs. 1, 6, 7 and 12; 31 ft S. and 164 ft E. and 0.4 ft higher than rd. at field entrance N.; 4 ft NW. of power pole and 2 ft N. of fence projecting 3 in. above the ground; a standard tablet in top of a concrete post; stamped "1481 14 LMT 1963" | 1481.129 |

LINE 3

L. M. Tackett, 1963; Book CV-1568

SHELDON QUAD. - 254

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| 0.0 USC&GS "Q 16 1934" (Described in Line 2) | 1427.884 |
| 1.1 UE Q 16 AA; T. 97 N., R. 42 W., cor. secs. 5, 6, 7 and 8; 35 ft N., 20 ft E., and 2.5 ft lower than crossroads; a chiseled square on E. end of concrete tile culvert | 1421.66 |
| 1.9 UE Q 16 BB; T. 97 N., R. 42 and 43 W., near cor. secs. 1, 6, 7 and 12; 12 ft S. and 0.2 ft higher than rd. at culvert; a chiseled square in center of S. headwall of culvert; 4 ft above the drain | 1430.99 |
| 3.0 Reference Mark, 12 ft N. and 94 ft E. of crossroads; a chiseled square in center of N. headwall of culvert | 1418.67 |
| 3.1 Matlock, 2.2 mi E. of in Sioux County; T. 97 N., R. 43 W., cor. secs. 1, 2, 11 and 12; 38 ft N., 200 ft W. and 3.1 ft higher than crossroads; 4 ft NE. of fence cor. and projecting 2 in. above the ground; a standard tablet in top of a concrete post; stamped "1422 28 LMT 1963" | 1422.398 |
| 4.1 UE 28 LMT A; T. 97 N., R. 43 W., at cor. secs. 2, 3, 10 and 11; 29 ft S. and 32 ft E. and 1.8 ft lower than crossroads; a rail spike in N. side of telephone pole | 1440.31 |
| 5.1 UE 28 LMT B; T. 97 N., R. 43 W., at cor. secs. 3, 4, 9 and 10; 53 ft N., 21 ft W., and 3.2 ft lower than crossroad; a chiseled square on W. end of a concrete tile culvert | 1414.02 |
| 6.1 Reference Mark; 23 ft N. and 34 ft W. of crossroad; a chiseled square on N. end of a concrete tile culvert | 1392.14 |

LINE 3 (Cont'd)

FEET

SHELDON QUAD. - 254

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| 6.1 Matlock, at the W. edge of; T. 97 N., R. 43 W., at the cor. secs. 4, 5, 8 and 9; 54 ft N. and 53 ft W. and 1.5 ft lower than crossroad; also 1.5 ft W. of power pole set flush with the ground, a standard tablet in top of a concrete post; stamped "1392 29 LMT 1963" | 1392.138 |
| 7.0 UE 29 LMT A; T. 97 N., R. 43 W., near cor. secs. 5, 6, 7 and 8; 12 ft N. and 0.7 ft higher than center of bridge; 18 ft above the water; a chiseled square in center of N. headwall of bridge | 1374.81 |
| 8.1 UE 29 LMT B; T. 97 N., R. 43 and 44 W., cor. secs. 1, 6, 7 and 12; 62 ft N. and 28 ft W. and 3.7 ft lower than crossroads; a rail spike in W. side of power pole | 1406.67 |
| 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 |
| 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 concrete post; stamped "1359 30 LMT 1963" | 1359.163 |

LINE 4

L. M. Tackett, 1963; Book CV-1568

SHELDON QUAD. - 254

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| C.0 "30 LMT 1963" (Described in Line 3) | 1359.163 |
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SIOUX CENTER QUAD. - 255

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| 1.0 UE 30 LMT AA; T. 97 N., R. 44 W., cor. secs. 2, 3, 10 and 11; 23 ft N. and 28 ft E. and 3.6 ft lower than crossroad; a chiseled square on N. end of a concrete tile culvert | 1410.49 |
| 2.0 UE 30 LMT BB; 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 | 1423.8 |