

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Winneshek County

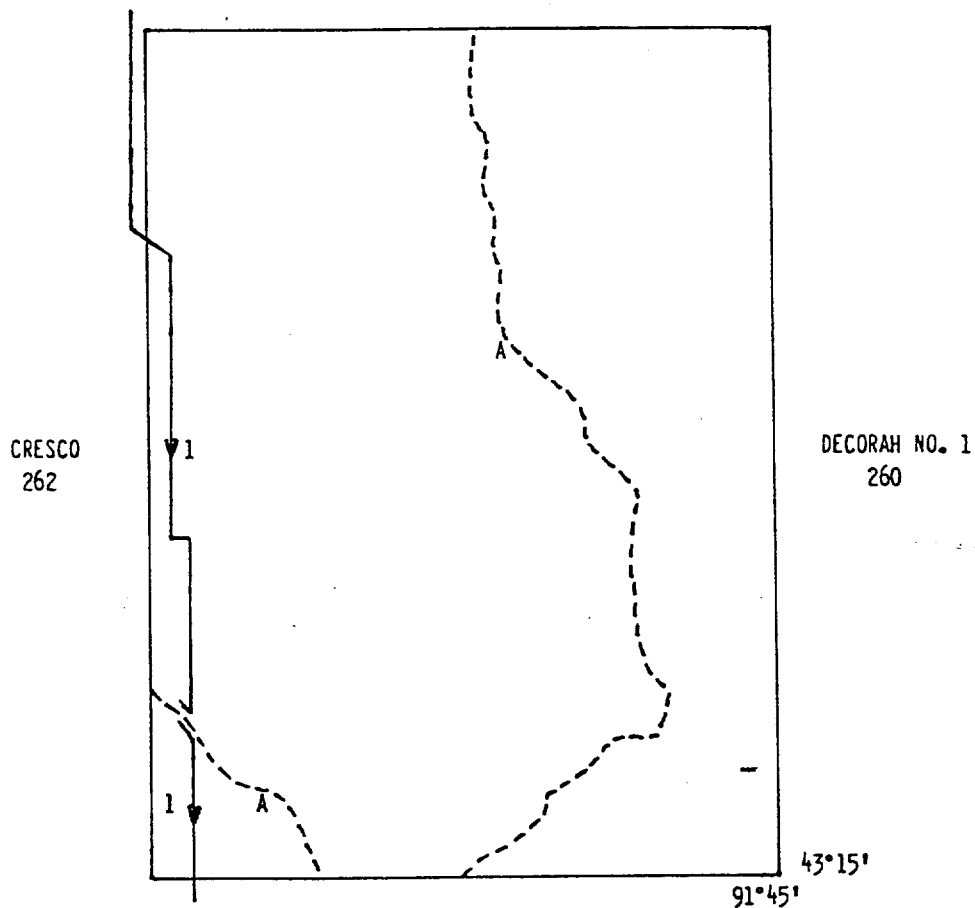
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

43-091-34
DECORAH NO. 2 QUADRANGLE
261 - IOWA
N4315-W9145/15
DIAGRAM HK 15-3
LA CROSSE

Edition of: 3-1-78

PR: ADP/LB/cb

LAWESBORO
4 - MINN.



N.G.S. (USC&GS) VERTICAL CONTROL DATA

.. Quadrangle No. 430913

261 B

LINE 1

FEET

R.R. Blaser, 1977; Book CV-3384

DECORAH NO. 2 QUAD. - 261

- 2 71 0.0 At Ridgeway, Winneshiek county on the Chicago, Milwaukee, St. Paul and Pacific R.R., 134 yard NW. of the station, 82 ft E. of the road crossing, 37.8 ft NE. of the NE. rail of the main track and 7 ft W. of a pole, a standard disk stamped "C 42 1934" and set in the top of a concrete post, about 0.8 ft below the ground 1207.914
- 75 1.3 UE C 42 A, 1.26 mi SE. and S. along road from tablet, T. 98 N., R. 10 W., near the cor. of secs. 23, 24, 25 and 26, 19 ft S., 28 ft E. and 1.5 ft lower than crossroads on S. end of 3.5 ft concrete culvert; chiseled square 1184.63
- 78 2.3 UE C 42 B, 2.25 mi SE. and S. along road from tablet, T. 98 N., R. 10 W., near the cor. of secs. 25, 26, 35 and 36, 106 ft S., 53 ft W. and 1.7 ft lower than T-rd. W., 0.5 ft above ground in E. side of power pole lag bolt 1171.31
- 79 2.7 Reference mark, 190 ft N. of tablet; 460 ft N., 34 ft E. and 3.7 ft lower than T-rd. W., 9 ft S. and 34 ft E. of road at field entrance E., 2 ft N. and 8 ft W. of NW. cor. of cemetery on S. end of 1.5 ft steel corrugated steel culvert; copper nail and washer 1164.14
- 80 2.7 BM, Ridgeway, 2.5 mi S. and 0.25 mi E. of, 8 mi N. and 2.5 mi W. of Fort Atkinson, T. 98 N., R. 10 W., near the quarter cor. between secs. 35 and 36, 270 ft N., 37 ft E. and 2.1 ft higher than T-rd. W., 4.5 ft W. of cemetery fence, 1 ft N. of S. end of third step at main entrance to Lincoln Lutheran cemetery standard tablet stamped "6 ROD 1977" 1169.996

DECORAH NO. 3 QUAD. - 238

- 14 3.3 UE 6 A, 0.5 mi S. along road from tablet; T. 97 and 98 N., R. 70 W., near cor. of secs. 1, 2, 35 and 36, 69 ft S., 33 ft E. and 2.8 ft lower than crossroads, 22 ft S. and 1.5 ft W. of fence corner, 0.5 ft above ground, in W. side of power pole of E.-W. power line, a lag bolt 1117.53
- 17 4.3 UE 6 B, 1.5 mi S. along road from tablet; T. 97 N., R. 10 W., about 400 ft W. of the cor. of secs. 1, 2, 11 and 12, 23 ft S., 3.5 ft W. and 1.8 ft lower than Y-rd. NE., 23 ft S., and 9 ft E. of road at field entrance S. on E. end of 1 ft steel corrugated culvert; a copper nail and washer 1083.72

LINE 2

G. Sandul, 1977; Book CV-3386

PRESTON QUAD. - 5 MINN.

- 1 1 0.0 BM, Harmony, 2 mi S. of junction of 139 and 26 along 139; 1.2 mi S. and 4.1 mi E. of junction of 52 and county 21 in Canton along road, 21 and county 30; near SE. cor. of sec. 27, T. 101 N., R. 10 W., at crossroads of State Hwy. 139 and county 30, 48 ft N. and 142 ft W. of centerline of crossroads, 4 ft W. of fence corner, 2 ft S. of fence and 0.8 ft S. of white witness sign, in concrete post flush with ground, a standard disk stamped "9 RMM 1963" 1262.871

LINE 2 (Cont'd)

PRESTON QUAD. - 5 MINN.

FEET

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|---|-----|-----|--|----------|
| 1 | 3 | 0.9 | BM, Harmony, 3 mi S. of along State Hwy. 139, near SE. cor. of sec. 34, T. 101 N., R. 10 W., 355 ft N. and 70 ft W. of centerline of crossroads (E.-W. road on State line), 1.8 ft NE. of NE. corner of fence at corner of state line cemetery, 29 ft E. of I-fence N., 1.5 ft ENE. of witness sign, in concrete post, a standard N.G.S. azimuth mark disk stamped "CANTON 1961" | 1269.046 |
| 5 | 1.0 | | Reference mark, about 588 ft SSE. of azimuth mark, 215 ft S. and 30 ft E. of centerline crossroads, on E. headwall of concrete box culvert; a chiseled square | 1246.99 |

CRESCO QUAD. - 262

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|----|-----|--|----------|
| 8 | 2.0 | UE Canton A, 1.1 mi S. of disk along State Hwy. 139, at cor. secs. 10, 11, 14 and 15, T. 100 N., R. 10 W., 38 ft S. and 36 ft E. of centerline of crossroads, on S. end of concrete pipe culvert; a chiseled square | 1229.91 |
| 9 | 2.5 | UE Canton B, 1.6 mi S. of azimuth mark along State Hwy. 139, near quarter cor. between secs. 14 and 15, T. 100 N., R. 10 W., at small drain, 15 ft W. of centerline of hwy., 17 ft above drain, 0.5 ft N. of S. end of W. concrete headwall of box culvert; a brass bolt stamped "UE" | 1177.82 |
| 12 | 3.8 | BM, Harmony, Minn., 6 mi S. of along State Hwy. 139, about 995 ft N. of crossroads at corner of secs. 22, 23, 26 and 27, T. 100 N., R. 10 W., 312 ft N. along hwy. from hwy. at fence W., 22 ft W. of centerline of hwy., 4 ft above drain, 1.5 ft lower than centerline hwy. set in the center of 3 ft concrete headwall of box culvert; a standard tablet stamped "1 SAN 1977" | 1183.66 |
| 14 | 4.0 | Reference mark, 1050 ft S. of BM, 41 ft S. and 41 ft E. than centerline of crossroads, on S. end of flared 36-in. concrete culvert, a chiseled square | 1165.65 |
| 15 | 4.7 | UE 1 A, 0.95 mi S. of BM, along State Hwy. 139 in SE¼ of sec. 23, T. 100 N., R. 10 W., at junction of road SE. leading S., 163 ft SE. along road from centerline of I-rd., 22 ft normal and on SW. side of road on SW. end corrugated steel culvert, a painted square and stamped "UE" | 1194.14 |
| 17 | 5.6 | Reference mark, 255 ft NW. of BM and at NW. end of bridge, in centerline of bridge floor (road surface) at extreme NW. end of bridge, a chiseled square | 1050.21 |
| 18 | 5.6 | BM, Harmony, Minn. 7 mi S. of along State Hwy. 139, thence 0.9mi S. along gravel road 4.5 mi N. and 5.75 mi E. of Cresco, in W½ of sec. 35, T. 100 N., R. 10 W., at SE. end of long concrete bridge over upper Iowa River, 13 ft normal and SW. side of centerline of road, 26.7 ft above water level (set in the SW. end of SE. abutment of bridge) on outside of concrete guard rail; a standard tablet stamped "2 SAN 1977" | 1055.430 |
| 20 | 6.2 | UE 2 A, 0.6 mi SE. of BM along gravel road, in NW¼ sec. 2, T. 99 N., R. 10 W., at S. end of small bridge, 31 ft S., 11 ft W. of and 0.2 ft higher than centerline of bridge, on top of SW. wooden bridge piling, a copper nail and washer | 1037.63 |

LINE 2 (Cont'd)

CRESCO QUAD. - 262

FEET

- 1 22 7.3 UE 2 B, 1.67 mi SSE. of BM along gravel road, near quarter cor. between secs. 2 and 11, T. 99 N., R. 10 W., 35 ft normal and on W. side of centerline of I-rd. E. in base on E. side of corner fence post, a R.R. spike 1185.29
- 25 8.1 BM, Cresco, 2.25 mi N. and 6 mi E. of, about 1485 ft S. of I-rd. W. at center of sec. 11, T. 99 N., R. 10 W., 2 ft N., 11 ft E. and 0.9 ft lower than centerline of I-drive W., set in the center of E. headwall (13 ft long) of concrete box culvert, a standard tablet stamped #3 SAN 1977" 1181.974
- 26 8.1 Reference mark, 330 ft S. of BM, 42 ft E. of centerline of road, in base on W. side of power pole, a R.R. spike 1190.70

DECORAH NO. 2 QUAD. - IOWA

- 28 8.8 UE 3 A, 0.25 mi S. and 0.5 mi E. of BM along gravel road, near cor. secs. 11, 12, 13 and 14, T. 99 N., near cor. secs. 11, 12, 13 and 14, T. 99 N., R. 10 W., 42 ft N. and 7 ft E. of centerline of I-rd. S., in base on S. side of corner (S. most of two) fence posts, a R.R. spike 1185.64
- 30 9.5 UE 3 B, 0.25 mi E., 0.5 mi E. and 0.7 mi S. of BM along gravel road near S. sixteenth cor. between secs. 13 and 14, T. 99 N., R. 10 W., at a drain, 15 ft W. of centerline of road, 0.7 ft higher than road at drain, 12 ft above drain, on S. end of W. concrete head-wall; a chiseled square 1146.63
- 34 11.0 Reference mark, 275 ft N. of BM, 185 ft N. and 49 ft W. of centerline hwy. at fence W. at N. edge churchyard, on N. edge of 5.5 ft circular concrete well foundation, a chiseled square 1242.12
- 35 11.1 BM, Cresco, 6.5 mi E. of, about 1500 ft S. of corner secs. 23, 24, 25 and 26, T. 99 N., R. 10 W., at the Orleans Lutheran Church, 71 ft E. of the front entrance to church, 33 ft W. of centerline of county hwy. W14, 6.2 ft E. of fence surrounding church yard, set in the top of S. end of bottom step of entrance leading into church yard, a standard disk stamped #4 SAN 1977" 1250.014
- 37 11.8 UE 4 A, 0.75 mi S. of BM along county hwy. W14 near cor. secs. 25, 26, 35 and 36, T. 99 N., R. 10 W., 48 ft N. and 71 ft W. of centerline crossroads, in E. side of corner fence, head of large nail 1204.81
- 40 12.9 UE 4 B, 1.8 mi S. of BM along county hwy. W14, near N. common cor. secs. 1 and 2, T. 98 N., R. 10 W., 34 ft NW., thence 36 ft NE. along roads from centerline I-rd. NE. leading E., on NW. end corrugated steel culvert, a painted square and stamped "UE" 1198.76
- 44 13.8 BM, Cresco, 3 mi S. and 7 mi E. of, 2 mi N. and 0.5 mi E. of Ridgeway near cor. secs. 1, 2, 11 and 12, T. 98 N., R. 10 W., 63 ft N. and 59.5 ft W. of centerline crossroads, 25 ft N. of corner fence post, 1.4 ft E. of fence, 1 ft E. of witness sign, on top of 15 ft copper coated steel rod, a standard tablet stamped #5 SAN 1977" 1188.889
- 46 13.9 Reference mark, about 160 ft SE. of BM, 32 ft S. and 61 ft E. of centerline of crossroads, in W. side corner fence post; a R.R. spike 1190.20

LINE 2 (Cont'd)

DECORAH NO. 2 QUAD. - IA.

FEET

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| 1 49 15.2 | UE 5 A, 1.35 mi S. of BM, along county hwy. W.14, 1865 ft S. of cor. secs. 11, 12, 13 and 14, T. 98 N., R. 10 W., at a drain, 20 ft E. of centerline hwy., 1.4 ft lower than centerline hwy. at drain, 12.4 ft above drain, on S. end of E. concrete headwall of box culvert; a chiseled square | 1161.71 |
| 52 15.9 | UE 5 B, 2 mi S. of BM, along county hwy. W14, near cor. secs. 13, 14, 23 and 24, T. 98 N., R. 10 W., 33 ft N. and 79 ft W. of centerline of crossroads, in E. side of corner fence post, a R.R. spike | 1177.63 |
| 53 16.4 | BM, Ridgeway, near the NW.corner of the village near N ¹ / ₂ cor. sec. 23, T. 98 N., R. 10 W., on railroad right-of-way and at NW. most street crossing in village, 103 ft SE. along R.R. from centerline grade crossing, 38.2 ft NE. of NE. rail of main track, 52.9 ft SW. of SW. corner of a garage, 37.6 ft NW. of a "Derail" sign, 1 ft NW. of a white witness sign, set in the top of concrete post 0.6 ft below ground surface, a standard disk stamped "C 42 1934" | 1207.914 |