

THIRD-ORDER LEVELS
SEA LEVEL DATUM OF 1929

Final Adjustment of 1972

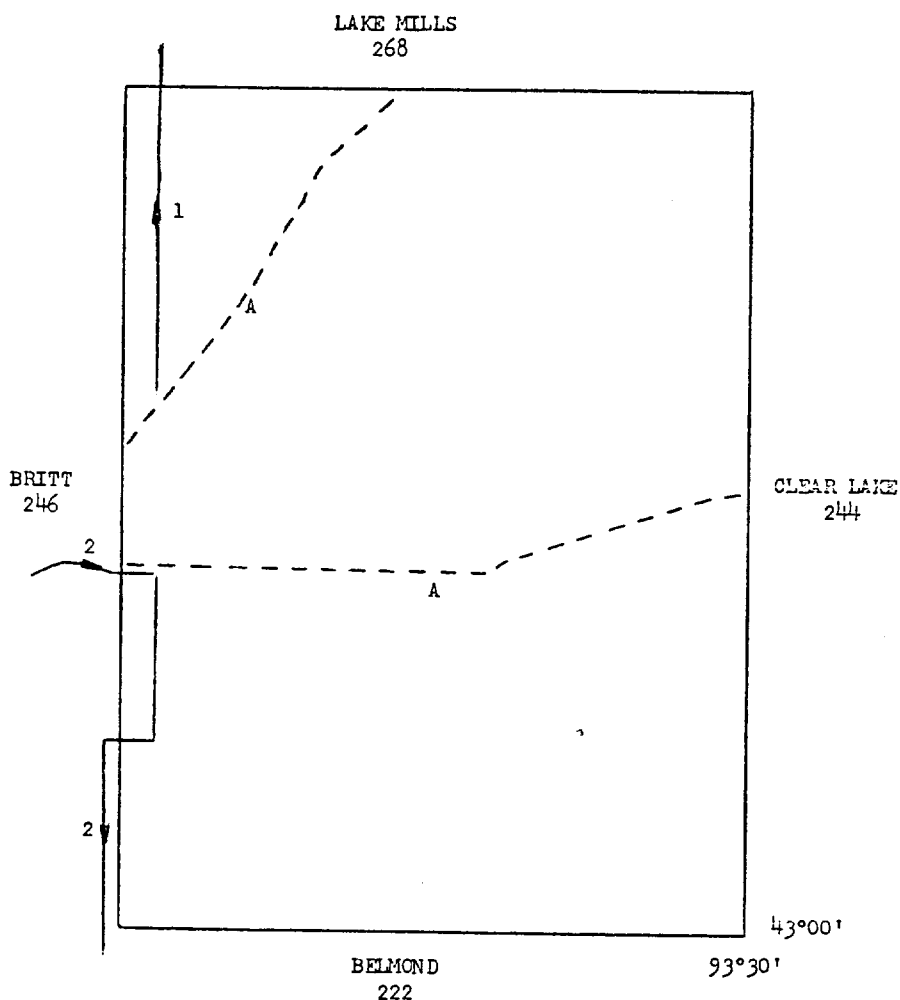
Hancock County

Edition of: 1-12-73

PR: AKH/cb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GARNER QUADRANGLE
245 - IOWA
N4300-W9330/15
DIAGRAM NK 15-2
IOWA.-MINN.



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

A. Quadrangle 430933

245-A

LINE 1

FEET

G. Sandul, 1972; Book CV-2850

GARNER QUAD. - 245

2	1	0.0	Britt, 5.8 mi NE. of along the Minneapolis and St. Louis RR. from the station at, in SW $\frac{1}{4}$ of sec. 6, T. 96 N., R. 24 W., 0.3 mi NE. of milepost 162, 435 ft NE. of an E.-W. section line rd. crossing, at farm road crossing, 46 ft SE. of the SE. rail, 19 ft NE. of the centerline of the farm rd., 1.5 ft NW. of the right-of-way fence, and 0.5 ft NW. of white witness sign, set in the top of concrete post projecting about 3-in., a standard disk stamped "B 35 1934"	1226.120
	2	1.2	UE B 35 A, 0.2 mi W. and 1.0 mi N. of BM along gravel rd., near cor. secs. 1, 6, 31 and 36, Tps. 96 and 97 N., Rs. 24 and 25 W., 83 ft S. and 17 ft E. of centerline of T-rd. E., on E. end of corrugated steel culvert of stove bolt, painted "UE"	1209.05
	3	2.2	Crystal Lake, 2.6 mi S. and 3.0 mi E. of near cor. secs. 25, 30, 31 and 36, T. 97 N., Rs. 24 and 25 W., 36 ft S. and 36 ft E. of centerline of crossroads, 1.1 ft S. and 2.6 ft E. of fence corner, 1.9 ft E. of power pole, 1.0 ft NE. of white witness sign, set on the top of 10 ft copper coated steel rod, a standard tablet stamped "16 SAN 1972"	1211.749
	4	2.2	Reference mark, about 310 ft NW. of BM, 178 ft N. and 189 ft W. of centerline of crossroads, 105.8 ft NW. of NW. corner of house (concrete block house), on SE. corner of concrete base of S. most of two round corn cribs, a chiseled square	1212.03
	5	3.3	UE 16 A, 1.05 mi N. of BM along gravel rd., near cor. secs. 19, 24, 25 and 30, T. 97 N., Rs. 24 and 25 W., 213 ft N. and 28 ft E. of centerline of crossroads, high point of boulder, a chiseled square; painted "UE"	1219.68
	6	4.2	UE 16 B, 2.0 mi N. of BM along gravel rd., near cor. secs. 13, 18, 19 and 24, T. 97 N., Rs. 24 and 25 W., 65 ft S. and 21 ft E. of centerline of crossroads, (E.-W. Co. Hwy. B 16), on E. end of corrugated steel culvert, top of stove bolt, painted "UE"	1209.72
	7	5.0	Crystal Lake, 3.0 mi E. of, near N. sixteenth cor. between secs. 13 and 18, T. 97 N., Rs. 24 and 25 W., at S. end of a concrete bridge, 11 ft normal and on E. side of centerline of rd., 13.3 ft above water level, set in the top of S. end of E. concrete curb, a plain brass tablet stamped "ELEVATION 1225 FEET" (Elev. by USGS)	1224.971
	8	5.3	Reference mark, about 1550 ft N. of BM, 458 ft N. and 34 ft W. of centerline of crossroads, 15.6 ft SSE. of T-fence W., in NE. side of multiple forked tree, a RR.spike; painted "RM"	1213.65
	9	6.2	UE 1225 A, 1.25 mi N. of BM along gravel rd., near cor. secs. 1, 6, 7 and 12, T. 97 N., Rs. 24 and 25 W., 158 ft N. and 23 ft W. of centerline of crossroads, on W. end of concrete pipe culvert, a chiseled square; painted "UE"	1219.58
	10	6.9	UE 1225 B, 1.95 mi N. of BM along gravel rd., near N. sixteenth cor. between secs. 1 and 6, T. 97 N., Rs. 24 and 25 W., 70 ft N. and 22 ft E. of centerline of rd. at fence W., on E. end of concrete culvert, a chiseled square; painted "UE"	1235.56

LAKE MILLS QUAD. - 268

11	7.7	Crystal Lake, 2.9 mi N. and 3.0 mi E. of, near quarter cor. between secs. 31 and 36, T. 98 N., Rs. 24 and 25 W., 75 ft N. and 51 ft W. of centerline of crossroads, 41.5 N. of fence corner, 0.7 ft E. of fence, 0.5 ft E. of white witness sign, set on the top of 10 ft copper coated steel rod, standard tablet stamped "17 SAN 1972"	1234.708
12	7.7	Reference mark, 110 ft SW. of BM, 20 ft S. and 106 ft W. of centerline of crossroads, on S. end of concrete culvert, a chiseled square; painted "RM"	1233.29

LINE

FEET

G. Sandul, 1972; Book CV-2850

BRITT QUAD. - 246

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|---|-----|-------------------|--|----------|
| 3 | 1 | 0.0 | Britt, 0.9 mi NE. along the Minneapolis and St. Louis RR. from the station at, approx. near center of sec. 27, T. 96 N., R. 25 W., about 130 yards NE. of the NE. edge of a wooden trestle, about 500 ft SW. along RR. from centerline of crossing of U.S. Hwy. 18, 337 ft SW. along Minneapolis and St. Louis RR. from the crossing of the Chicago Milwaukee, St. Paul and Pacific RR., 28.7 ft NW. of NW. rail, 108.4 ft NE. of a pole, 53.8 ft SW. of another pole in same line, 0.5 ft SE. of white witness sign, set in the top of concrete post projecting 3-in., a standard disk stamped "E 35 1934". | 1204.617 |
| 1 | 0.5 | UE E 35 A, 0.5 mi | E. of BM along U.S. Hwy. 18, near quarter cor. between secs. 26 and 27, T. 96 N., R. 25 W., 53 ft N. and 40 ft E. of centerline of T-rd. N., in base on S. side of power pole, a RR. spike, painted "UE" | 1209.42 |
| 2 | 1.5 | UE E 35 B, 1.5 mi | E. of BM along U.S. Hwy. 18, near quarter cor. between secs. 25 and 26, T. 96 N., R. 25 W., 55 ft N. and 36 ft E. of centerline of T-rd. N., in base on S. side of power pole, a RR. spike, painted "UE" | 1218.08 |

GARNER QUAD. - 245

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|----|-----|-------------------|---|----------|
| 3 | 1.9 | UE E 35 C, 1.8 mi | E. of BM along U.S. Hwy. 18, in $W\frac{1}{2}$ of sec. 25, T. 96 N., R. 25 W., 17 ft S. and 54 ft E. of centerline of concrete bridge, 19.6 ft above water level, on SE. corner of S. curb, a chiseled square; painted "UE" | 1214.21 |
| 4 | 2.8 | Britt, 3.5 mi | E. of, near S. sixteenth cor. between secs. 25 and 30, T. 96 N., Rs. 24 and 25 W., 170 ft E. along RR. from centerline of N.-S. gravel rd. grade crossing; 39.5 ft S. of S. rail, 9.7 ft W. of a pole, 5.7 ft N. of right-of-way fence, 1.9 ft N. of white witness sign, set on top of 10 ft copper coated steel rod, a standard tablet stamped "24 SAN 1972" | 1245.105 |
| 5 | 2.8 | Reference mark, | 126 ft W. of BM, 49 ft S. and 44 ft E. of centerline of grade crossing, in base on NW. side of corner fence post, a RR. spike; painted "RM" | 1244.91 |
| 6 | 4.1 | UE 24 A, 1.25 mi | S. of BM along gravel rd., near cor. secs. 1, 6, 31 and 36, Tps. 95 and 96 N., Rs. 24 and 25 W., 37 ft N. and 20 ft W. of centerline of crossroads, on W. end of concrete pipe culvert, a chiseled square; painted "UE" | 1241.50 |
| 7 | 5.1 | UE 24 B, 2.3 mi | S. of BM along gravel rd. near cor. secs. 1, 6, 7 and 12, T. 95 N., Rs. 24 and 25 W., 45 ft N. and 27 ft W. of centerline of crossroads, on W. end of corrugated steel culvert, top of stove bolt, painted "UE" | 1232.95 |
| 8 | 5.7 | Reference mark, | about 385 ft NNE. of BM, 176 ft S. along rd. from centerline of rd. at E.-W. fence, 17 ft normal and on E. side of centerline of rd., on E. end (0.6 ft W. of E. end) of corrugated steel culvert, top of stove bolt, painted "RM" | 1223.02 |
| 9 | 5.8 | Britt, 2.5 mi | S. and 3.5 mi E. of, about 550 ft S. of quarter cor. between secs. 7 and 12, T. 95 N., Rs. 24 and 25 W., 24.4 ft SE. of SE. corner of white house, 50 ft normal and on W. side of centerline of rd. 18 ft normal and on N. side of centerline of driveway, 16.0 ft W. of yard fence corner, 1.0 ft S. of fence, 14.6 ft W. of 14-in. spruce tree, 9.0 ft S. of 16-in. spruce tree, set on the top of 10 ft copper coated steel rod and flush with ground, a standard tablet stamped "25 SAN 1972" | 1228.080 |
| 10 | 6.2 | UE 25 A, 0.4 mi | S. of BM along gravel rd., near cor. secs. 7, 12, 13 and 16, T. 95 N., Rs. 24 and 25 W., 33 ft N. and 142 ft W. of centerline of T-rd. N., in base on SE. side of power pole, a RR. spike, painted "UE" | 1220.46 |

<u>LINE</u> (Cont'd)		<u>BRITT QUAD. - 246</u>	<u>FEET</u>
3 11	7.1	UE 25 B, 0.4 mi S. and 1.0 mi W. of BM along gravel rds., near cor. secs. 11, 12, 13, and 14, T. 95 N., R. 25 W., 19 ft N. and 22 ft E. of centerline of T-rd. S. (dirt S.), on N. end of concrete pipe culvert, a chiseled square; painted "UE"	1205.23
12	8.2	Reference mark, about 238 ft NW. of BM and across rd., 24 ft normal and on W. side of centerline of rd., on W. end of flanged corrugated steel culvert, top of stove bolt, painted "RM"	1216.49
13	8.3	Britt, 4.0 mi S. and 2.5 mi E. of, about 630 ft S. along rd. from crossroads, at cor. secs. 13, 14, 23 and 24, T. 95 N., R. 25 W., 206 ft W. of the SW. corner of a large white house, 153 ft normal and on E. side of centerline of rd., 23 ft normal and on S. side of centerline of E.-W. drive almost opposite point where drive forks to the E., 19.2 ft SE. of fence corner, 7.0 ft SE. of fence corner, 7.0 ft SE. of SE. gate post, 1.3 ft NE. of fence, 0.9 ft NE. of white witness sign, set on top of 10 ft copper coated steel and 0.2 ft below ground surface, a standard tablet stamped "26 SAN 1972"	1217.516
14	9.2	UE 26 A, 0.9 mi S. of BM along gravel rd., near cor. secs. 23, 24, 25 and 26, T. 95 N., R. 25 W., 34 ft S. and 34 ft E. of centerline of crossroads, (dirt rd. W.), in base on W. side of corner fence post, a RR. spike; painted "UE"	1251.67
15	10.2	UE 26 B, 1.9 mi S. of BM along gravel rd., near cor. secs. 25, 26, 35 and 36, T. 95 N., R. 25 W., 47 ft S. and 35 ft W. of centerline of crossroads, in base on NE. side of cor. fence post, a RR. spike; painted "UE"	1249.78
<u>CORWITH QUAD. - 223</u>			
16	10.9	Britt, 6.75 mi S. and 2.5 mi E. of, 4.25 mi N. and 2.0 mi E. of Kanawha, about 1100 ft S. of rd. at E.-W. fence at quarter cor. between secs. 35 and 36, T. 95 N., R. 25 W., 232 ft NNE. of NE. corner of house owned by Morris A. Muehring, 54 ft normal and on W. side of centerline of rd., at N. edge of shelter grove, 20.5 ft W. of N.-S. right-of-way fence, 1.5 ft S. of E.-W. fence, 0.3 ft S. of white witness sign, and 10.4 ft NW. of 12-in. pine tree, set on the top of 10 ft copper coated steel rod, a standard tablet stamped "27 SAN 1972"	1250.145
17	10.9	Reference mark, 98 ft SE. of BM and across rd., 51 ft S. and 30 ft E. of centerline of rd. at fence W., in base on W. side of power pole, a RR. spike; painted "RM"	1251.35