

THIRD-ORDER LEVELS
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

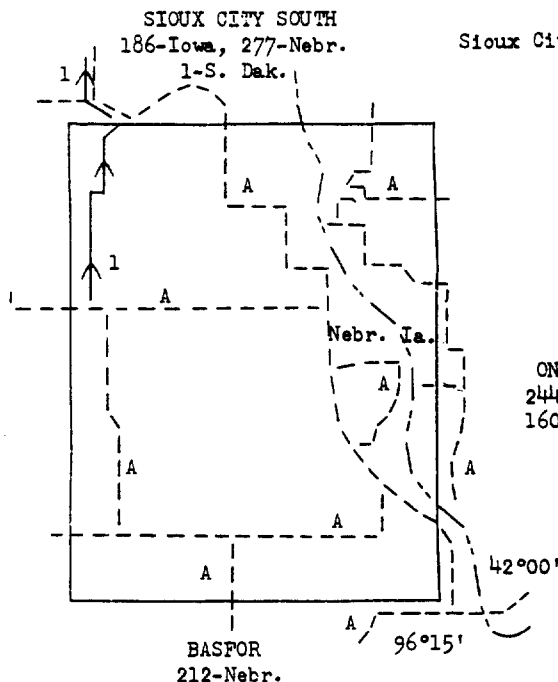
Walthill
~~NEBR~~ QUADRANGLE
245 - NEBRASKA, 161 - IOWA
N4200-W9615/15
Diagram NK 14-6
Sioux City, Ia.-Nebr.-S. Dak.

Thurston and Burt
Counties, Nebraska
Monona and Woodbury
Counties, Iowa

Edition of 2/21/66

PR: ADP/pw

PENDER NO. 4
246-Nebr.



USC&GS LEVELING
A. No. 420962

LINE 1

Feet

NORTH ALONG NORTH HALF OF WEST BORDER (J. H. Betz, 1965, Book CV 1894)

MAGY QUAD. - 245

- | | | | | |
|----|-----|-----|---|----------|
| 2 | 12 | 0.0 | Walthill, at; at the Walthill High School, set vertically in the E. wall of the building, 1.4 ft S. of the NE. cor., 3.4 ft above the ground; USC&GS standard disk stamped "N 238 1947" | 1302.189 |
| 12 | 0.7 | | UE N 237 A, about 0.7 mi N. of the disk at the high school at Walthill (3 blocks N. and 5 blocks E. of); at a 90° curve, 36 ft N. and 30 ft W. of the point of intersection of a curve; on the W. end of a 48-in. metal culvert; punched hole painted "UE 1207.2" | 1207.18 |
| 13 | 1.4 | | UE N 237 B, about 1.4 mi N. of disk in Walthill; 28 ft S. and 19 ft W. at T-rd. W.; on the W. end of a 48-in. metal culvert; punched hole painted "1201.6" | 1201.58 |
| 14 | 2.1 | | Reference mark, 1700 ft S. of tablet; at a steel truss bridge over Omaha Creek, on the NE. piling; rail spike set vertically, painted "RM 1195.7" | 1195.62 |
| 15 | 2.4 | | Walthill, 2.0 mi N. of; Tps. 24 and 25 N., R. 8 E.; near cor. secs. 1, 2, 35 and 36; 204 ft S., 34 ft E. of and 12 ft lower than crossroad; 1.5 ft W. of right-of-way fence; in the top of a concrete post; standard tablet stamped "8 JHB 1965 1190.6" | 1190.559 |
| 16 | 3.4 | | UE 8 A, about 1.0 mi N. of tablet; 14 ft N., 20 ft W. of and 0.6 ft lower than crossroad; on the N. end of a 24-in. metal culvert; punched hole painted "1192.8" | 1192.68 |
| 17 | 4.4 | | UE 8 B, about 2.0 mi N. of tablet; 454 ft S., 12 ft W. of and 0.5 ft lower than rd. opposite; on the W. end of a 24-in. concrete culvert headwall; chiseled square painted "1245.4" | 1245.26 |

161A

MACY QUADRANGLE
245 - NEBRASKA, 161 - IOWA

LINE 1 (Cont'd)	MACY QUAD. - 245	Feet
2 19 5.8 Winnebago, about 1.0 mi S. and 0.25 mi W. of; Walthill, 5.0 mi N. of; T. 25 N., R. 8 E., near center of SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of sec. 13, 542 ft N. and 31 ft W. of rd. at curve; 0.3 ft higher than rd. at fence W.; 2.4 ft N. and 2.3 ft W. of power pole in fence cor.; in the top of a concrete post; standard tablet stamped "9 JEB 1965" painted "1167.6"		1167.636
20 6.6 UE 9 A, about 0.7 mi N. and 0.25 mi E. of tablet; at the junction of U.S. Hwys. 73 and 77; at a concrete culvert under U.S. Hwy. 77; 121 ft N. and 19 ft W. of and 2 ft lower than junction, on the W. headwall; chiseled square painted "1160.8"		1160.63
21 7.3 UE 9 B, about 1.6 mi N. and 0.25 mi E. of tablet; near rd. intersection with U.S. Hwy. 73 and 77; 133 ft S. and 25 ft W. of paved rd. to St. Augustine Indian Mission; on the W. headwall of a large box culvert; chiseled square painted "1166.7"		1166.43
22 8.0 Winnebago, 1.2 mi N. along U.S. Hwy. 77 from the post office at; 0.2 mi E. of a farm house, at a junction with a dirt rd. leading N. from a curve to the NW. in the hwy., 135 ft N. of the center of the junction, 61.3 ft E. of the center of the hwy., 29.5 ft W. of the center of the dirt rd., 13 ft S. of a power pole, 3 ft S. of a fence post, 2 ft N. of a 4 X 4 in. marker post and set in the top of a concrete post projecting 0.2 ft above the ground; USC&GS standard disk stamped "K 239 1947"		1169.912

SIOUX CITY SOUTH QUAD. - 277

23 8.9 Homer, to reach from the post office at; go E. 0.1 mi along Main Street, thence S. 4.1 mi along U.S. Hwy. 77 to site of mark, bench mark is 73.8 ft E. of the center of the Chicago, Burlington and Quincy RR. track, 78.4 ft SE. of a crossing sign, 51.5 ft W. of and about level with the center of the hwy., 36 ft S. of the center of an E.-W. dirt rd., 1 ft N. of a 4 X 4 in. marker post and set in the top of a concrete post which projects about 5 in. above ground; USC&GS standard disk stamped "C 237 1947" Reported disturbed 7/65JHR (Previous 1144.527 elev. of 1143.715 could not be reconciled. This elev. by USGS)	1144.527
24 9.8 Homer, to reach from the post office at; to E. 0.1 mi along Main Street, thence S. 3.1 mi along U.S. Hwy. 77 to site of mark. BM is about 65 yards S. of the Dakota-Thurston County line, 18 ft W. of and about level with the center of the Hwy., on top of the S. end of the W. headwall of a 4 X 8 ft concrete box culvert and set in a drill hole; USC&GS standard disk stamped "B 237 1947"	1137.360