

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

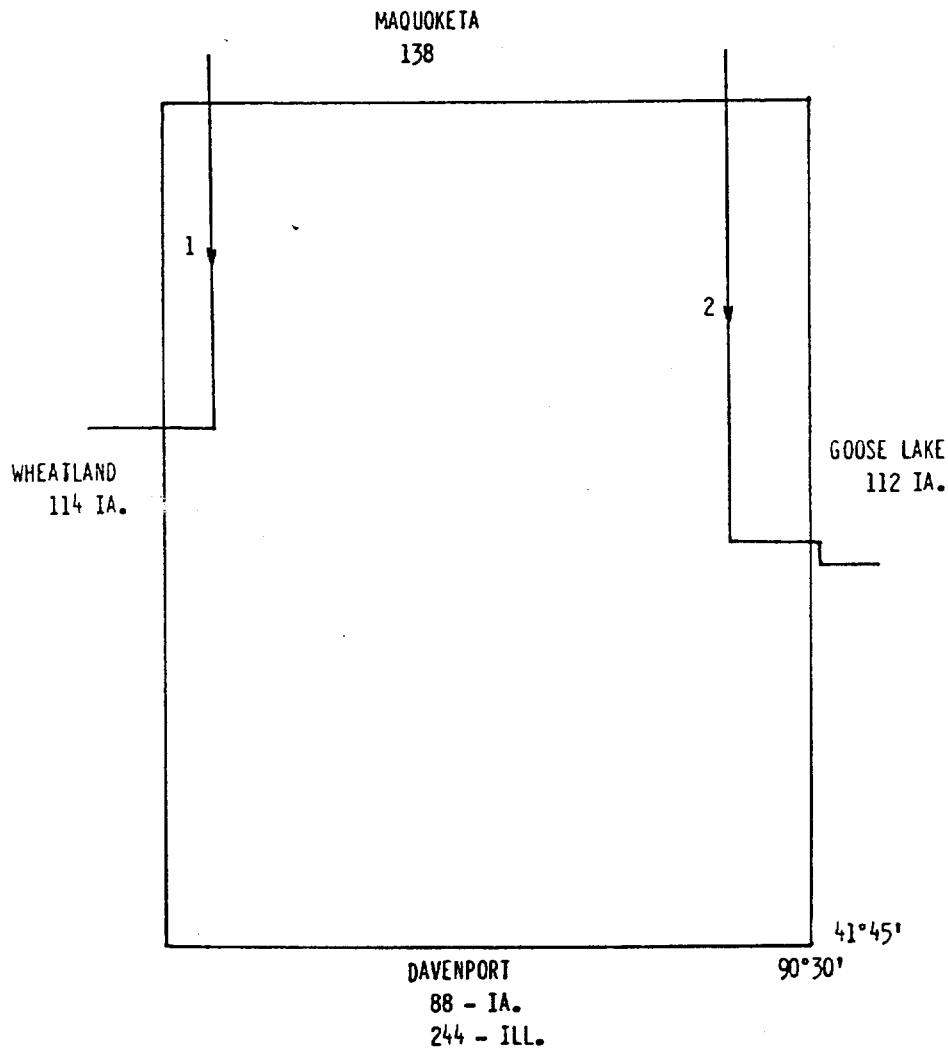
Scott and Clinton Counties

Edition of: 6-20-78

PR: ADP/LB/eb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

41-090-41
DEWITT QUADRANGLE
113 - IOWA
N4145-W9030/15
DIAGRAM NK 15-9
DAVENPORT



113 D

LINE 1

FEET

T.P. Adams, 1977; Book CV-3402

MAQUOKETA QUAD. - 138

- | | | | | |
|----|------|-----|---|---------|
| 3 | 45 | 7.6 | UE 8 C, 2 mi S. of tablet; T. 83 N., R. 2 E., 25 ft N. and 56 ft E. and 3.5 ft lower than crossroad at the approx. quarter corner between secs. 9 and 16, on top of the N. end of a 3 ft corrugated metal culvert; a punched hole | 733.39 |
| | | | <u>DEWITT QUAD. - 113</u> | |
| 48 | 8.2 | | BM, Nashville, 4.5 mi S. and 2.5 mi E. of; about 0.25 mi N. and 0.25 mi E. of Elwood; T. 83 N., R. 2 E.; near the center of sec. 16; 214 ft SW. of the center of State Hwy. 136 at a N.-S. road crossing; 18 ft SW. and 17 ft NW. and 2.9 ft higher than hwy. at the center of a bridge; 21.9 ft higher than water; on top of the SW. end of the NW. concrete guard rail; set in a drill hole; a metal disk stamped "I.H.C. BM" | 738.026 |
| 49 | 8.3 | | Reference mark, 56 ft E. of tablet; 24 ft NE. and 29 ft SE. and 0.4 ft higher than center of bridge; on top of the E. end of the eastern-most wingwall of bridge; a chiseled square | 735.51 |
| 51 | 8.3 | | UE I.H.C. A, about 150 ft S. and 150 ft E. of tablet; about 300 ft S. of crossroads; T. 83 N., R. 2 E.; about 0.1 mi S. of the center of sec. 16; 9 ft E. and 0.5 ft higher than the center of a bridge; 14.8 ft higher than water; on top of the center of the W. edge of the E. concrete curb; of bridge; a chiseled square | 731.25 |
| 53 | 8.3 | | UE I.H.C. B, 0.5 mi S. of tablet; T. 83 N., R. 2 E.; about 156 ft S. and 1.9 ft higher the the crossroad at the approx. quarter corner between secs. 16 and 21; 10 ft N. and 12 ft E. and 0.4 ft higher than the center of the bridge; 10.4 ft higher than drain; on top of the center of the SE. edge of the NE. wingwall; a chiseled square | 734.10 |
| 57 | 9.6 | | UE I.H.C. C, 1.3 mi S. of tablet; T. 83 N., R. 2 E.; about 0.15 mi N. of the quarter cor. between secs. 21 and 28; 32 ft E. and 8.1 ft lower than road at culvert; on top of the E. end of a 3 ft corrugated culvert; a punched hole | 773.63 |
| 61 | 10.8 | | UE I.H.C. D, 2.6 mi S. of tablet; T. 83 N., R. 2 E.; 105 ft S. and 22 ft E. and 7.2 ft lower than the crossroad at the approx. quarter corner between secs. 28 and 33; on top of the E. end of a 2.5 ft corrugated metal culvert; a punched hole | 819.74 |
| 64 | 11.8 | | UE I.H.C. E, 3.6 mi S. of tablet; 15 ft S. and 87 ft E. and 3.7 ft lower than crossroad at the approx. quarter corner between secs. 33; T. 83 N.; R. 2 E. and sec. 4; on top of the S. end of an 18-in. corrugated metal culvert; a punched hole | 818.05 |
| 66 | 12.1 | | BM, Elwood; 3.7 mi S. and 0.25 mi E. of; T. 82 N., R. 2 E., 0.2 mi N. of the center of sec. 4; 13 ft N. and 13 ft E. and 0.8 ft lower than the center of a bridge; 12.4 ft higher than drain; on top of the NE. end of the NE. concrete wingwall; set in a drill hole; a standard tablet stamped "9 TPA 1977" | 767.803 |
| 67 | 12.2 | | Reference mark, 26 ft S. of tablet; 13 ft S. and 13 ft E. and 0.9 ft lower than the center of the bridge; on top of the SE. end of the SE. concrete wingwall; a chiseled square | 767.67 |
| 69 | 12.9 | | UE 9 A, 0.7 mi S. of tablet; T. 82 N., R. 2 E., 72 ft N. and 18 ft E. and 2.2 ft lower than the crossroad at the approx. quarter cor. between secs. 4 and 9; on top of the E. end of a 2 ft corrugated metal culvert; a punched hole | 772.45 |
| 72 | 13.9 | | UE 9 B, 1.7 mi S. of tablet; T. 82 N., R. 2 E.; near the quarter corner between secs. 9, and 16; 20 ft N. and 28 ft W. and 2.3 ft lower than road at drive E.; on top of the N. end of a 2 ft corrugated metal culvert under a field entrance W.; a punched hole | 712.71 |

LINE 1 (Cont'd)

DEWITT QUAD. - 113 IA.

FEET

- 3 75 14.4 UE 9 C, 2.2 mi S. of tablet; T. 82 N., R. 2 E.; at the approx. center of sec. 16; 11 ft E. and 0.9 ft higher than the center of a concrete bridge; 8.7 ft higher than the drain; on top of the center of the W. edge of the E. concrete curb; a chiseled square 698.95
- 77 14.9 UE 9 D, 2.8 mi S. of tablet; T. 82 N., R. 2 E., 26 ft N. and 31 ft E. and 2 ft lower than crossroad at the approx. quarter corner between secs. 16 and 21; on top of the N. end of a 3 ft concrete pipe culvert; a chiseled square 706.45
- 79 15.2 Reference mark, 31 ft S. of tablet; 16 ft S. and 14 ft W. and 0.7 ft higher than the center of bridge; on top of the W. end of the S. concrete curb of bridge; a chiseled square 696.92
- 80 15.2 BM, Elwood; 6.25 mi S. of; 6.5 mi E. of Toronto; T. 82 N., R. 2 E., 0.25 mi E. of the corner of secs. 16, 17, 20 and 21; 16 ft N. and 12 ft W. and 0.8 ft higher than the center of bridge; 9.7 ft higher than water; on top of the W. end of the N. concrete support for a steel guard rail; set in a drill hole; a standard tablet stamped "10 TPA 1977" 696.936

WHEATLAND QUAD. - 114 IA.

- 4 3 16.5 UE 10 A, 1.3 mi W. of tablet; T. 82 N., R. 2 E., 70 ft S. and 30 ft E. and 4.5 ft lower than crossroads at the approx. cor. of secs. 17, 18, 19 and 20; county hwy. # E 63 and Y 44) on top of the E. end of a 2.5 ft concrete pipe culvert; a chiseled square 714.32
- 4 17.1 BM, Toronto; 4.7 mi E. of; T. 82 N., R. 2 E.; 0.1 mi W. of the quarter corner between secs. 18 and 19; 14 ft N. and 53 ft E. and 0.8 ft higher than the center of a bridge; 14.8 ft higher than water; on top of the E. end of the N. concrete curb of bridge; set in a drill hole; a metal disk stamped "1971 695.53" 694.858

LINE 2

L.A. Perry, 1977; Book CV-3404

MAQUOKETA QUAD. - 138

- 1 19 3.8 UE 1 LAP B, about 1.2 mi S. of tablet; about 400 ft N. of SE. cor. sec. 7, T. 83 N., R. 4 E., 15 ft W. of centerline of road, top of S. end of W. headwall; a chiseled square 736.41
- 22 4.1 UE 1 LAP C, about 1.5 mi S. of tablet; about 1090 ft S. of NE. corner sec. 18, T. 83 N., R. 4 E.; 18 ft W. of and same elevation as road at drain; 14 ft higher than drain top of S. end of W. headwall; a chiseled square 735.87

DEWITT QUAD. - 113

- 23 4.7 BM, Delmar, 4.4 mi E. along State Hwy. 136 from, at $E\frac{1}{4}$ cor. of $SE\frac{1}{4}$ sec. 18, T. 83 N., R. 4 E., 96 ft N., 38 ft W. and 3.7 ft higher than junction of State Hwy. 136 and N.-S. gravel road; 2 ft S. of SE. corner of power sub-station, 7.3 ft N. of fence corner, 1 ft S. of witness sign; a standard rod supported tablet (rod driven 14 ft to refusal), stamped "2 LAP 1977". 842.775
- 24 4.7 Reference mark, 75 ft S. and 17 ft E. of tablet; 21 ft N., 21 ft W. and 27 ft NW. of crossroads, top of W. end of 18-in. steel culvert; a punched hole 837.14
- 27 5.2 UE 2 LAP A, about 0.5 mi S. along road from tablet; near $E\frac{1}{4}$ cor. $NE\frac{1}{4}$ sec. 19, T. 83 N., R. 4 E., 20 ft W. and 3 ft lower than road at fence SE.; top of W. end of 24-in. steel culvert; a cut "X" 796.91

LINE 2 (Cont'd)

DEWITT QUAD. - 113

FEET

1 36	5.7	UE 2 LAP B, about 1 mi S. of tablet, at W. quarter cor. of SW $\frac{1}{4}$ sec. 20, T. 83 N., R. 4 E., 13 ft N., 31 ft E. and 3.4 ft lower than road at entrance E.; top of N. end of 18-in. steel culvert; a cut "X"	784.62
31	6.2	UE 2 LAP C, about 1 mi S. of tablet, about 0.25 mi N. of E. quarter cor. sec. 30, T. 83 N., R. 4 E., 13 ft N. and 11 ft W. of road at drain; top of N. end of W. bridge curb; a chiseled square	728.25
41	6.5	Reference mark, 157 ft N. and 20 ft E. of BM 3 LAP 1977, 10 ft E. of centerline of road; top of NE. bridge curb, a chiseled square	710.90
35	6.5	BM, Charlotte, about 3 mi (airline) W. of, near NE. cor. sec. 31, T. 83 N., R. 4 E., 10 ft W. centerline of road at road on bridge No. D3200; top of curb at SW. corner, a standard tablet, stamped "3 LAP 1977"	710.893
42	7.1	UE 3 LAP A, about 0.56 mi S. of tablet, about 440 ft S. of W. quarter sec. 32, T. 83 N., R. 4 E.; 8 ft NW. of power pole, 11 ft S. and 30 ft S. of road at entrance E.; top of S. end of 12-in. steel culvert; a cut "X"	806.58
44	7.5	UE 3 LAP B, about 1 mi S. of tablet; at NW. cor. sec. 5, T. 82 N., R. 4 E., 22 ft S. and 32 ft E. of and 2.6 ft lower than crossroads; to S. end of 24-in. steel culvert; a cut "X"	766.06
58	8.4	UE 3 LAP C, about 1.9 mi S. of tablet; about 900 ft N. of SE. cor. of sec. 6, T. 82 N., R. 4 E., 98 ft N. and 18 ft W. of road at entrance W.; 54 ft S. of road at entrance E.; top W. end of 36 in. steel culvert; a punched hole	764.30
60	8.5	Reference mark, 12 ft and 27 ft E. of BM 4 LAP 1977, top S. end of E. headwall; a chiseled square	755.70
50	8.5	BM 4 LAP 1977, Charlotte, about 3 mi W. and 2 mi S. of; near SE. cor. sec. 6, T. 82 N., R. 4 E., 14 ft W. of centerline of road; top of N. end of W. headwall; a standard tablet stamped "4 LAP 1977"	756.137
53	9.4	UE 4 LAP A, about 0.9 mi S. of tablet; near SE. cor. of sec. 7, T. 82 N., R. 4 E., 170 ft N. of T-rd. W.; 14 ft S. and 23 ft W. of road at drive W., top of S. end of 18-in. steel culvert, cut "X"	858.41
55	9.9	UE 4 LAP B, about 1.4 mi S. of tablet; about 400 ft S. of W. quarter corner NW $\frac{1}{4}$ of sec. 17, T. 82 N., R. 4 E., centerline of T-rd. NW.; a painted "+"	859.95
62	10.6	BM, Welton, about 0.5 mi S. and 3.5 mi E. of; at junction of Clinton Co. Hwy. E 63 and Y-70; near SE. corner sec. 18, T. 82 N., R. 4 E., about 210 ft N. and 28 ft W. of T-rd. W.; top of N. end of W. headwall; a standard tablet stamped "5 LAP 1977"	785.266
63	10.6	Reference mark, 42.8 ft E. and 7.5 ft S. of BM, top of S. end of E. headwall, a chiseled square	790.69
67	11.0	UE 5 LAP A, about 0.4 mi S. of tablet; about 600 ft N. of W $\frac{1}{4}$ corner sec. 20, T. 82 N., R. 4 E., 29 ft E. of centerline of road; on top of E. end of 36-in. concrete culvert; a chiseled square	776.70
69	12.2	UE 5 LAP B, about 1.6 mi S. of tablet; near W. quarter cor. sec. 29, T. 82 N., R. 4 E., 20 ft N. and 30 ft E. of T-rd. E.; top of N. end of 24-in. steel culvert	745.53
71	12.6	UE 5 LAP C, about 2 mi S. of tablet; about 360 ft N. of SW. cor. sec. 29, T. 82 N., R. 4 E., 364 ft N. and 24 ft E. of T-rd. W., on top of E. end of 42-in. concrete culvert, a chiseled square	718.60

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41-090-41
DEWITT QUADRANGLE
113 - IOWA

LINE 2 (Cont'd)

DEWITT QUAD. - 113

FEET

- 1 75 13.2 Reference mark, 97 ft N. of BM 6 LAP 1977, 31 ft N. and 47 ft E. of T-rd. E.; top of N. end of 30-in. steel culvert, a cut "X" 691.24
- 76 13.2 BM, DeWitt, about 2.5 mi N. and 0.5 mi E. of; at junction of Clinton Co. Hwy. Y-70 and F-12; near W. quarter cor. sec. 32, T. 82 N., R. 4 E.; 66 ft S. and 45 ft E. of T-rd. E.; 6 ft S. of power pole; 1 ft NW. of fence; 0.5 ft NW. of witness post; a standard rod supported tablet (rod driven 17.5 ft to refusal) in 6-in. clay tile, stamped "6 LAP 1977" 688.402
- 78 14.2 UE 6 LAP A, about 1 mi E. of tablet; near W. quarter cor. sec. 30, T. 82 N., R. 4 E.; 20 ft N. and 44 ft E. of T-rd. S.; top of W. end of N. headwall; a chiseled square 690.75

GOOSE LAKE QUAD. - 112 IA 256 ILL.

- 2 1 15.0 UE 6 LAP B, about 1.8 mi E. of tablet, about 0.25 mi W. of $E\frac{1}{4}$ cor. sec. 33, T. 82 N., R. 4 E., 40 ft NE. and 16 ft N. of road at drive E.; top of N. end of 18-in. steel culvert, a punched hole 692.44
- 2 15.4 Reference mark, 32 ft S. and 7 ft E. of BM 7 LAP 1977", 23 ft W. of extended centerline of road S. 684.72
- 3 15.4 BM, DeWitt, 2 mi N. and 2.25 mi E. of, near S. quarter of $SE\frac{1}{4}$ sec. 33, T. 82 N., R. 4 E., 58 ft NW. of road at entrance W.; 22 ft N. field drive; 32 ft W. of centerline road S. and 3.5 ft NW. of telephone pole; 1 ft SE. of fence corner; 1 ft N. of witness post; a standard rod supported tablet (rod driven 19.7 ft to refusal) in 6-in. clay tile, stamped "7 LAP 1977" 683.963