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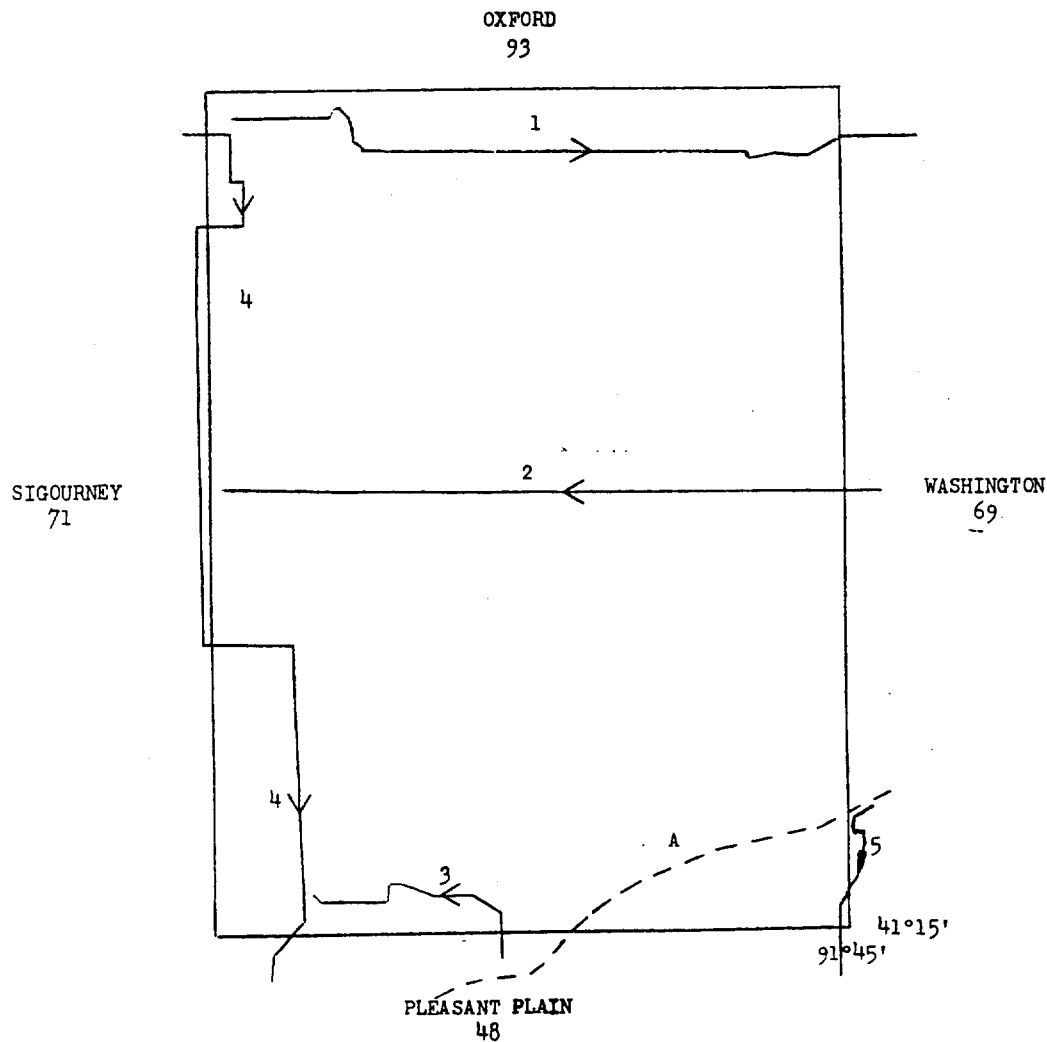
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
THIRD ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

41-091-34
WELLMAN QUADRANGLE
70 - IOWA
N4115-W9145/15
DIAGRAM NK 15-9
DAVENPORT

Washington and Keokuk
Counties

Edition of : 3-16-77

PR: ADP:evb



USC&GS VERTICAL CONTROL DATA
A. Quadrangle 410913

70 D

LINE 1

FEET

W. E. Knouse, 1969; Book CV 2446

WELLMAN QUAD. - 70

- | | | | |
|------|-----|---|---------|
| 1 48 | 0.0 | North English, 2.1 mi S. and 4.2 mi E. of; 1.9 mi N. and 0.3 mi W. of Kinross, T. 77 N., R. 10 W., in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10, 15 ft N. and 46 ft W. and 4.6 ft higher than center of N.-S. rd. at field entrance W., 6 ft E. of a power pole, in a concrete post; a standard tablet stamped "2 DWE 1964", painted "BM 797.7" | 797.798 |
| 48 | 0.4 | UE 2 DWE AA, T. 77 N., R. 10 W., in NE $\frac{1}{4}$ sec. 10, 109 ft S., 75 ft W. and 8.5 ft lower than T-rd. S., 15.5 ft SW. of center of NW. fork of T-rd., on top of SW. end of corrugated steel culvert; punched hole | 756.41 |
| 49 | 0.9 | UE 2 DWE BB, T. 77 N., R. 10 W., in NW $\frac{1}{4}$ sec. 11, near jct. of T-rd. N., 55 ft N. of center of E.-W. rd., 47.5 ft E. of center of rd. opposite UE, 15 ft E. of a projected center of rd. N., if it did not jog at T-rd., on top of SE. end of concrete pipe culvert; chiseled square | 718.20 |
| 50 | 1.4 | UE 2 DWE CC, T. 77 N., R. 10 W., in NE $\frac{1}{4}$ sec. 11, 3 ft lower, 35 ft S. and 73 ft W. of T-rd. S., in N. side of a power pole; RR. spike | 769.22 |
| 51 | 1.7 | UE 2 DWE DD, T. 77 N., R. 10 W., in NW $\frac{1}{4}$ sec. 12, 13 ft N. and 32 ft W. and 0.5 ft lower than center of bridge, 12 ft above water level in drain on top of 12-in. diameter support post (for NW. wing of bridge); copper nail and washer | 706.68 |
| 52 | 2.5 | UE 2 DWE EE, T. 77 N., R. 10 W., in NE $\frac{1}{4}$ sec. 12, 28 ft S. and 26 ft W. and 2.9 ft lower than T-rd. E., on top of W. end of concrete pipe culvert; chiseled square | 694.88 |
| 53 | 2.9 | UE 2 DWE FF, T. 77 N., R. 9 W., in NW $\frac{1}{4}$ sec. 7, at center of floor of bridge over S. fork of English River; copper nail and washer | 698.72 |
| 54 | 3.5 | Reference mark, T. 77 N., R. 9 W., in SW $\frac{1}{4}$ sec. 7, 20 ft N. and 30.5 ft E. of rd. at drive E., 170 ft N. of T-rd. W., in W. side of telephone pole; RR. spike | 792.24 |
| 55 | 3.5 | Kinross, 2.3 mi E. and 1.75 mi N. from, 1.25 mi N. and 5.0 mi W. from, T. 77 N., R. 9 W., in SW $\frac{1}{4}$ sec. 7, 136 ft N. of T-rd. W., 14 ft S. and 30.5 ft E. of rd. at drive E., 1 ft W. of E. right-of-way fence, in top of concrete post; standard tablet stamped "6 WEK 1969" | 792.938 |
| 57 | 4.6 | UE 6 A, T. 77 N., R. 9 W., between SW $\frac{1}{4}$ sec. 8 and NW $\frac{1}{4}$ sec. 17, 17.5 ft S., 24.5 ft E. and 0.6 ft lower than crossroads, on top of S. end of concrete pipe culvert; chiseled square | 737.25 |
| 58 | 5.4 | UE 6 B, T. 77 N., R. 9 W., near cor. secs. 8, 9, 16 and 17, 34 ft N. and 39 ft W. and 4.6 ft lower than crossroads, in S. side of telephone pole; RR. spike | 773.05 |
| 59 | 5.9 | UE 6 C, T. 77 N., R. 9 W., near quarter cor. secs. 9 and 16, 17 ft N. and 9 ft W. of rd. at N.-S. fence, on top of N. end of corrugated steel culvert; punched hole | 742.63 |
| 60 | 6.4 | UE 6 D, T. 77 N., R. 9 W., near cor. secs. 9, 10, 15 and 16, at center of crossroads, Iowa State Highway Commission B.M. Plug | 760.50 |
| 61 | 7.1 | Reference mark, T. 77 N., R. 9 W., between NE $\frac{1}{4}$ sec. 15 and SE $\frac{1}{4}$ sec. 10, 16 ft S. and 5 ft W. and 0.8 ft lower than center of rd. at culvert, on W. end of S. concrete headwall; chiseled square | 711.88 |
| 62 | 7.2 | Kinross, 1.5 mi N. and 5.75 mi E. from; 1.0 mi N. and 1.5 mi W. from Wellman, T. 77 N., R. 9 W., between SE $\frac{1}{4}$ sec. 10 and NE $\frac{1}{4}$ sec. 15, 29 ft N. and 10 ft W. of center of rd. at field entrance N., 1 ft S. of N. right-of-way fence, in top of concrete post; a standard tablet stamped "7 WEK 1969" | 712.569 |

<u>LINE 1 (Cont'd)</u>	<u>WELLMAN QUAD. - 70</u>	<u>FEET</u>
1 63 7.7 UE 7 A, T. 77 N., R. 9 W., between SW $\frac{1}{4}$ sec. 11 and NW $\frac{1}{4}$ sec. 14, 25.5 ft N., 24 ft E. and 1.2 ft lower than crossroads, on top of N. end of corrugated steel culvert; punched hole		713.34
64 8.4 UE 7 B, T. 77 N., R. 9 W., near cor. secs. 11, 12, 13 and 14, 22 ft S. and 47 ft W. and 2.3 ft lower than T-rd. N., in N. side of a power pole; RR. spike		771.93
65 8.7 UE 7 C, T. 77 N., R. 9 W., between SW $\frac{1}{4}$ sec. 12 and NW $\frac{1}{4}$ sec. 13, 140 ft W. of rd. jct., 19 ft E. and 27 ft S. of rd. at farm drive S., on top of E. end of corrugated steel culvert; punched hole		786.99
67 9.4 UE 7 D, T. 77 N., R. 8 W., and 9 W., near cor. secs. 7, 18, 12 and 13, at center of crossroads, Iowa State Hwy. Commission B.M. plug		762.32
68 10.1 Reference mark, T. 77 N., R. 8 W., between SE $\frac{1}{4}$ sec. 7 and NE $\frac{1}{4}$ sec. 18, 12 ft S. and 51 ft E. and 0.9 ft lower than T-rd. S., on top of S. concrete headwall of culvert; chiseled square		704.58
69 10.2 Wellman, 1.0 mi N. and 1.0 mi E. from, 5.25 mi W. from Kalona, T. 77 N., R. 8 W., between SE $\frac{1}{4}$ sec. 7 and NE $\frac{1}{4}$ sec. 18, about 400 ft E. of T-rd. S., 23 ft N. of center of E.-W. rd., 1 ft S. of N. right-of-way fence, 3 ft W. and 1 ft S. of power pole, in top of concrete post; a standard tablet stamped "8 WEK 1969"		707.392
70 10.8 UE 8 A, T. 77 N., R. 8 W., near quarter cor.secs. 8 and 17, 26 ft N. and 23 ft E. and 0.7 ft lower than T-rd. N., on top of E. end of concrete pipe culvert; chiseled square		771.95
71 11.1 UE 8 B, T. 77 N., R. 8 W., between SE $\frac{1}{4}$ sec. 8, and NE $\frac{1}{4}$ sec. 17, 22 ft S., 24 ft W. and 1.3 ft lower than T-rd. S., on top of SW. end of concrete pipe culvert; chiseled square		720.98
72 12.0 UE 8 C, T. 77 N., R. 8 W., in N. central portion of sec. 16, 25 ft W. and 62 ft N. of center of hwy. at rd. NW., on top of W. end of N. one of two concrete pipe culverts; chiseled square, (9.3 ft lower than T-rd.)		665.24
73 13.1 Kalona, 2.5 mi W. and 0.5 mi S. from; 4.5 mi E. and 0.75 mi N. of Wellman, T. 77 N., R. 8 W., in N. central portion of sec. 15, 106 ft N. and 30 ft W. of crossroads, 1 ft E. of W. right-of-way fence, in top of concrete post; a standard tablet stamped "9 WEK 1969"		663.038
74 13.1 Reference mark, T. 77 N., R. 8 W., in N. central portion of sec. 15, 40 ft N. and 22 ft W. of crossroads, on top of W. end of concrete pipe culvert; chiseled square		661.77
<u>WASHINGTON QUAD. - 69</u>		
75 13.8 UE 9 A, T. 77 N., R. 8 W., in SW $\frac{1}{4}$ sec. 11, at center of State Hwy. 22 at T-rd. W.; copper nail and washer		665.60
76 14.8 UE 9 B, T. 77 N., R. 8 W., between SE $\frac{1}{4}$ sec. 11 and SW $\frac{1}{4}$ sec. 12, 60 ft N. and 24 ft W. of crossroads, on top of S. end of concrete pipe culvert under a drive W.; chiseled square		667.95
77 15.8 Reference mark, for "12 SEM 1968", 468 ft SSE. of tablet, 39 ft N. of intersection of State Hwys. 1 and 22, at Kalona, on S. end of N. dividing strip of Hwy. 1, and 0.5 ft higher than pavement; chiseled square		667.72
78 15.9 Kalona, W. edge of, 510 ft N. and 65 ft W. of jct. State Hwys. 1 and 22, 50 ft W. of W. lane, 5 ft S. and 6 ft W. of power pole with switch, 2 ft E. of fence, 1 ft E. of witness tag; a standard tablet on steel rod encased in 6-in. tile; stamped "12 SEM 1968", painted "BM"		665.764

LINE 2

FEET

W. E. Knouse, 1969; Book CV 2446

WASHINGTON QUAD. - 69

- 2 3 0.0 Prairie Flower Baptist Church and School, in SW. corner of schoolyard, T. 76 N., R. 8 W., near cor. secs. 13, 14, 23 and 24, 212 ft S. and 42 ft E. of crossroads, 3 ft E. and 1.2 ft N. of fence corner, 1.2 ft N. of fence, 1 ft N. of witness tag; a standard tablet on steel rod encased in 6-in. tile; stamped "10 SEM 1968", painted "BM" 785.819

WELLMAN QUAD. - 70

- 3 1.0 UE 10 AA SEM, T. 76 N., R. 8 W., near cor. secs. 15, 16, 21 and 22, 25 ft N. and 2 ft E. and 3.7 ft lower than T-rd. S., on top of hemispherical cast iron top of drain drop inlet; painted square, on top of highest point of top 783.67
- 4 2.0 UE 10 BB SEM, T. 76 N., R. 8 W., near cor. secs. 16, 17, 20 and 21, 38 ft E. and 32 ft N. and 0.2 ft higher than T-rd. N., in S. side of telephone pole; RR. spike 788.72
- 5 2.5 UE 10 CC SEM, T. 76 N., R. 8 W., near quarter cor. secs. 16 and 21, 21.5 ft N. and 81 ft E. and 1.6 ft lower than T-rd. S., 21.5 ft N. and 37 ft W. of rd. at drive N., on top of NW. end of concrete pipe culvert; (diagonally under rd.); chiseled square 755.61
- 6 3.0 West Chester, 2.5 mi N. and 1.5 mi E. from; 1.0 mi N. and 8.25 mi E. from Keota; T. 76 N., R. 8 W., near cor. secs. 16, 17, 20 and 21; 84 ft N. of rd. and 55 ft E. of center of 5 x 4 ft concrete box culvert; in concrete post, standard tablet stamped "10 WEK 1969 RESET 1970" 780.612
- 7 3.0 Reference mark, T. 76 N., R. 8 W., near cor. secs. 16, 17, 20 and 21, 31 ft N. and 13 ft E. of rd. at field drive N., on top of E. end of corrugated steel culvert under field cut N.; punched hole 776.86
- 8 3.3 UE 10 A, T. 76 N., R. 8 W., between SE $\frac{1}{4}$ sec. 17, and NE $\frac{1}{4}$ sec. 20, 40 ft N. and 42 ft W. and 2.0 ft lower than crossroads, in S. side of power pole; RR. spike 789.73
- 9 3.9 UE 10 B, T. 76 N., R. 8 W., between SW $\frac{1}{4}$ sec. 17 and NW $\frac{1}{4}$ sec. 20, 38 ft S. and 16 ft E. and 4.9 ft lower than T-rd. S., on SE. corner of E. headwall of culvert; chiseled square 747.92
- 10 4.4 UE 10 C, T. 76 N., R. 8 W., between SE $\frac{1}{4}$ sec. 18 and NE $\frac{1}{4}$ sec. 19, about 360 ft W. of T-rd. N., at center of concrete floor of bridge and 16 ft above water level; chiseled square 747.98
- 11 5.0 UE 10 D, T. 76 N., R. 8 W., near cor. secs. 18, 19, 13 and 24, at center of crossroads; copper nail and washer 779.86
- 13 6.0 West Chester, 2.5 mi N. and 1.5 mi W. from, 1.0 mi N. and 5.5 mi E. from Keota, T. 76 N., R. 9 W., near cor. secs. 13, 14, 23 and 24, 37 ft E. and 46 ft N. of crossroads, 1 ft S. and 2 ft E. of fence corner post, in top of concrete post; standard tablet stamped "11 WEK 1969" 788.736
- 14 6.0 Reference mark, T. 76 N., R. 9 W., near cor. secs. 13, 14, 23 and 24, in center of crossroads; copper nail and washer 789.00
- 5 6.5 UE 11 A, T. 76 N., R. 9 W., near quarter cor. secs. 14 and 23, at center of bridge floor and 17.5 ft above water level; copper nail and washer 742.63
- 16 7.0 UE 11 B, T. 76 N., R. 9 W., near cor. secs. 14, 15, 22 and 23, at center of crossroads; copper nail and washer 792.78

LINE 2 (Cont'd)

WELLMAN QUAD. - 70

FEET

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|----|------|-----|---|---------|
| 2 | 17 | 8.0 | UE 11 C, T. 76 N., R. 9 W., near cor. secs. 15, 16, 21 and 22, at center of crossroads; copper nail and washer | 785.45 |
| 18 | 9.0 | | Keota, 1.0 mi N. and 2.5 mi E. from; 4.5 mi W. and 2.5 mi N. of West Chester, T. 76 N., R. 9 W., near cor. secs. 16, 17, 20 and 21, 48 ft S. and 7 ft E. of T-rd. N., 1 ft N. and 2 ft W. of fence corner post; 9 ft W. of center of field entrance, in top of concrete post; a standard tablet stamped "12 WEK 1969" | 751.126 |
| 19 | 9.0 | | Reference mark, T. 76 N., R. 9 W., near cor. secs. 16, 17, 20 and 21, at center of T-rd. N.; copper nail and washer | 754.096 |
| 20 | 9.5 | | UE 12 A, T. 76 N., R. 9 W., near quarter cor. secs. 17 and 20, at center of T-rd. S.; copper nail and washer | 796.04 |
| 21 | 10.0 | | UE 12 B, T. 76 N., R. 9 W., near cor. secs. 17, 18, 19 and 20, center of crossroads; copper nail and washer | 791.83 |
| 22 | 11.0 | | UE 12 C, T. 77 N., R. 9 W., and R. 10 W., near cor. secs. 18, 19, 13 and 24, 12.5 ft N. and 23.5 ft E. and 1.0 ft lower than crossroads, on top of N. end of corrugated steel culvert; punched hole | 793.79 |
| 23 | 12.0 | | Reference mark, T. 76 N., R. 10 W., near cor. secs. 13, 14, 23 and 24, at center of crossroads; a chiseled square | 763.65 |
| 24 | 12.0 | | Keota, 1.0 mi N. and 0.5 mi W. from; T. 76 N., R. 10 W., near cor. secs. 13, 14, 23 and 24, 35.5 ft N. and 69.5 ft W. of crossroads, 1 ft S. of N. right-of-way fence, in top of concrete post; a standard tablet stamped "13 WEK 1969" | 764.805 |
| 25 | 13.0 | | UE 13 A, T. 76 N., R. 10 W., near cor. secs. 14, 15, 22 and 23, 29 ft S. and 21 ft E. of crossroads, on top of E. end of corrugated steel culvert; punched hole | 803.36 |
| 26 | 14.0 | | UE 13 B, T. 76 N., R. 10 W., near cor. secs. 15, 16, 21 and 22, 38 ft N. and 33 ft W. of crossroads, in S. side of telephone pole; RR. spike | 806.15 |

SIGOURNEY QUAD. - 71

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|----|------|--|--|---------|
| 29 | 15.1 | | Keota, 0.5 mi N. and 2.5 mi W. of, T. 76 N., R. 10 W., near cor. secs. 21, 22, 27 and 28, 47 ft S., 29 ft E. and 0.7 ft lower than crossroads, 3 ft W. of a fence in a concrete post; a standard tablet stamped "5 DWE 1964" | 763.169 |
|----|------|--|--|---------|

LINE 3

W. E. Knouse, 1969; Book CV 2446

PLEASANT PLAIN QUAD. - 48

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|---|----|-----|--|---------|
| 2 | 31 | 0.0 | Rubio, 2.5 mi NE. along the Chicago, Milwaukee, St. Paul & Pacific RR. from; in the S. side of bridge 1-1088 over a hwy. and about 10 yards from the W. end; USC&GS standard disk stamped "655.323 S 6 1930" | 655.323 |
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WELLMAN QUAD. - 70

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|----|-----|--|--|--------|
| 32 | 1.4 | | UE S 6 A, T. 75 N., R. 9 W., near quarter cor. secs. 33 and 34, 29 ft N. and 8 ft E. and 1.2 ft higher than T-rd. S., in W. side of power pole; RR. spike | 752.50 |
| 33 | 2.3 | | UE S 6 B, T. 75 N., R. 9 W., in NW $\frac{1}{4}$ sec. 33, about 600 ft W. of T-rd. NW., at center of concrete floor of bridge; chiseled square | 648.82 |
| 34 | 3.0 | | UE S 6 C, T. 75 N., R. 9 W., in N. central portion sec. 32, 27 ft S. and 13 ft W. and 1 ft lower than crossroad, on top of W. end of steel culvert; chiseled cross | 731.48 |

<u>LINE 3 (Cont'd)</u>		<u>WELLMAN QUAD. - 70</u>	<u>FEET</u>
2 35 3.8	Reference mark, T. 75 N., R. 9 W., in NE $\frac{1}{4}$ sec. 31, 23 ft N. and 10 ft W. of rd. at field entrance N., 23 ft N. and 26 ft W. of T-rd. S., on top of W. end of corrugated steel culvert; punched hole		709.36
36 3.8	Richland, 2.8 mi E. and 5.0 mi N. from, T. 75 N., R. 9 W., in NE $\frac{1}{4}$ sec. 31, 46 ft N. and 1 ft W. of T-rd. S., 46 ft N. and 17 ft E. of rd. at field entrance N., 15 ft N. and 1 ft W. of SW. corner post of fence, 1 ft W. of fence, in top of concrete post; standard tablet stamped "14 WEK 1969"		714.455
37 4.6	UE 14 A, T. 75 N., R. 9 W., near cor. sec. 31, 200 ft E. of T-rd. S., 12 ft N. of center of bridge and same elev. as center of bridge, on top of center of N. wheel rail of bridge; chiseled square (water level, 13.4 ft below UE and center of bridge)		661.81
38 5.0	UE 14 B, T. 75 N., Rs. 9 and 10 W., near quarter cor. secs. 31 and 36, at center of T-rd. N. (gravel E.-W. rd. and rd. N. dirt)		693.92
39 5.3	UE 14 C, T. 75 N., R. 10 W., in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 36, at center of wood floor of bridge; copper nail and washer, (water level 14 ft lower than UE)		653.63
40 6.1	UE 14 D, T. 75 N., R. 10 W., near quarter cor. secs. 35 and 36, at center of State Hwy. 77 at gravel rd. E.; copper nail and washer		717.00
41 6.6	Reference mark, 109 ft E. of tablet, in S. end of a concrete culvert; a chiseled square		705.10
42 6.6	Keota, 6.4 mi S. and 0.5 mi W. of, 5.6 mi N. and 1.5 mi E. of Richland, T. 75 N., R. 10 W., approx. 0.1 mi N. of cor. secs. 25, 26, 35 and 36; 9 ft N., 62 ft W. and 1.1 ft lower than T-drive E. to farmhouse; 5 ft NW. of a power pole; in a concrete post; a standard tablet stamped "8 DWE 1964", painted "BM 708.9"		708.205

LINE 4

<u>D. W. Ephlin, 1964; Book CV 1774</u>		<u>SIGOURNEY QUAD. - 71</u>
5.0	UE 1 DWE B, 1.5 mi E. and 0.5 mi S. of tablet, 22 ft N., 51 ft E. and 2.5 ft lower than T-rd. E., in a power pole; a 60 penny spike nail; painted "UE 789.9"	789.98
<u>WELLMAN QUAD. - 70</u>		
6.1	"2 DWE 1964" (described in Line 1)	797.798
6.9	Reference mark, 30 ft SE. of tablet, in the S. end of a 12-in. metal culvert; a punched hole	791.76
7.2	UE 2 DWE A, 1.0 mi S. of tablet, 32 ft SW. of center of gravel rd. near center of bend in rd. and 8.3 ft lower than center of SW. end of a concrete box culvert; a chiseled square	743.98
8.1	UE 2 DWE B, 2.0 mi S. of tablet, 46 ft N., 17 ft E. and 0.9 ft lower than crossroads; on the E. end of an 18-in. concrete culvert; a chiseled square	822.44
<u>SIGOURNEY QUAD. - 71</u>		
8.9	UE 2 DWE C, 2.0 mi S. and 0.75 mi W. of tablet, 38 ft S., 27 ft E. and 2.4 ft lower than center of T-rd. S., in a power pole; a 60 d spike nail	821.31
9.4	Kinross, 0.5 mi S. and 0.7 mi W. of, T. 77 N., R. 10 W., near W. sixteenth cor. between secs. 22 and 27, 16 ft S., 26 ft E. and 0.1 ft lower than T-rd. W., at crest of hill, 4 ft SSW. of a power pole; in a concrete post; a standard tablet stamped "3 DWE 1964"	824.993

<u>LINE 4 (Cont'd)</u>	<u>SIGOURNEY QUAD. - 71</u>	<u>FEET</u>
9.4 Reference mark, 69 ft S. of tablet, in a power pole; a 60 d spike nail		824.75
10.4 UE 3 DWE A, 1.0 mi S. of tablet, 12 ft S., 28 ft W. and 2.7 ft lower than center of N.-S. gravel rd. at field entrance E. and W., in the S. end of a 12-in. concrete culvert; a chiseled square		827.81
11.4 UE, 3 DWE B, 2.0 mi S. of tablet, 15 ft N., 26 ft E. and 2.8 ft lower than center of N.-S. gravel rd. at field rd. entrance E., on the N. end of a 12-in. concrete culvert; a chiseled square		823.53
12.3 UE 3 DWE C, 2.8 mi S. of tablet, 55 ft S., 33 ft E. and 1.4 ft lower than center of N.-S. gravel rd. at crop line E., in a power pole; a 60 d spike nail		820.30
12.6 Kinross, 3.5 mi S. and 1.0 mi W. of; 3.5 mi N. and 2.5 mi W. of Keota; T. 76 N., R. 10 W., near cor. secs. 3, 4, 9 and 10, 41 ft N., 29 ft E. and 0.7 ft lower than crossroads, 6 ft NW. of power pole; a concrete post; standard tablet stamped "4 DWE 1961"		791.222
12.6 Reference mark, 51 ft W. of tablet, on the NW. headwall of a concrete box culvert; a chiseled square		792.57
13.6 UE 4 DWE A, 1.0 mi S. of tablet, 22 ft N., 29 ft E. and lower than crossroads, on the N. end of a 12-in. concrete culvert; a chiseled square		798.76
14.6 UE 4 DWE B, 2.0 mi S. of tablet, 32 ft N., 44 ft E. and 5.0 ft lower than crossroads, in a power pole; a 60 d spike nail		801.22
15.6 "5 DWE 1964" (described in Line 2)		763.169
15.6 Reference mark, 80 ft N. of tablet, in the E. end of an 18-in. metal culvert; a punched hole		761.65
16.7 UE 5 DWE A, 1.0 mi S. of tablet, 35 ft S., 44 ft E. and 1.7 ft higher than crossroads, in a power pole; a 60 d spike nail		761.62
17.7 UE 5 DWE B, 2.1 mi S. of tablet, 34 ft N., 184 ft E. and 6.7 ft higher than T-rd. N., in a power pole; a 60 d spike nail		751.21
<u>WELLMAN QUAD. - 70</u>		
18.7 Keota, 1.5 mi S. and 1.5 mi W. of, Tps. 75 and 76 N., R. 10 W., near cor. secs. 2, 3, 34 and 35, 82 ft N. and 80 ft E. and about 3.5 ft higher than T-rd. N. (offset crossroads), 2 ft N. of power pole, 2 ft N. and 2 ft W. of SW. corner post of fence, in concrete post; standard tablet stamped "6 DWE RESET 1967" (reported destroyed 12/69 WEK)		781.774
18.7 Reference mark, 85 ft NE. of tablet, in a power pole; a 60 d spike nail		781.88
19.7 UE 6 DWE A, 1.0 mi E. of tablet, 91 ft S., 41 ft W. and 4.6 ft lower than crossroads, on the W. end of a 24-in. concrete culvert; a chiseled square		781.29
20.6 UE 6 DWE B, 1.0 mi E. and 0.9 mi S. of tablet, 32 ft N., 46 ft W. and 2.9 ft lower than crossroads, on N. end of a 24-in. concrete culvert; a chiseled square		781.15
21.7 Keota, 3.5 mi S. and 0.5 mi W. of, T. 75 N., R. 10 W., near cor. secs. 11, 12, 13 and 14, 39 ft N., 60 ft W. and 3.3 ft lower than T-rd. W., 6 ft S. of a power pole, in a concrete post; standard tablet stamped "7 DWE 1964 RESET"		766.886

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41-091-34
WELLMAN QUADRANGLE
70 - IOWA

<u>LINE 4 (Cont'd)</u>	<u>WELLMAN QUAD. - 70</u>	<u>FEET</u>
21.7 Reference mark, 501 ft SSE. of tablet, on the S. end of an 18-in. concrete culvert; a chiseled square		761.97
22.7 UE 7 DWE A, 0.9 mi S. of tablet, 30 ft S., 41 ft W. and 2.1 ft lower than crossroads, on the S. end of a 24-in. concrete culvert; a chiseled square		771.81
23.7 UE 7 DWE B, 1.9 mi S. of tablet, 26 ft S., 46 ft W. and 2.4 ft lower than T-rd. W., on the S. end of a 24-in. concrete culvert; a chiseled square		759.42
24.7 "8 DWE 1964" (described in Line 3)		708.205
24.7 Reference mark, 109 ft E. of tablet, in S. end of a concrete culvert; a chiseled square		705.10
25.8 UE 9 DWE A, 1.1 mi S. of tablet; atop the NE. end of the NW. curb of the large steel and concrete bridge over Skunk River; a chiseled square		640.72

PLEASANT PLAIN QUAD. - 48

26.8 UE 8 DWE B, 2.1 mi S. of tablet, 18 ft S., 44 ft W. and 3.5 ft lower than T-drive W. to farmhouse, in the S. end of an 18-in. concrete culvert; a chiseled square	682.12
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LINE 5

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WASHINGTON QUAD. - 69

5 1 0.0 BM, 2.5 mi W. along the Chicago, Milwaukee, St. Paul & Pacific RR. from Washington, in the S. side of bridge 1-1078 over Arterial Hwy. 2, and about 2 yards from the W. end, a standard USC&GS disk stamped "705.491 X 6 1930"	705.540
3 2.8 UE W A, 1.4 mi S. along road from the tablet; T. 75 N., R. 8 W.; near the quarter cor. between secs. 26 and 35, 240 ft N., 40 ft E. and 0.0 ft lower than the centerline of the N. on top of the hwy. right-of-way marker and painted orange	757.66
5 3.4 UE W B, 2 mi S. and SW. along road and State Hwy. No. 1 from the tablet, T. 75 N., R. 8 W., in the NW $\frac{1}{4}$ of sec. 35; 27 ft NE., 15 ft NW. and 0.5 ft higher than the centerline of the concrete bridge over "Cedar Creek", on top and at the NE. end of the NW. concrete bridge railing; a chiseled square	715.23
9 4.1 UE W C, 2.7 mi S. along road from the tablet; T. 75 N., R. 8 W., near the S. sixteenth cor. between secs. 34 and 35; 40 ft N., 33 ft E. and 1.3 ft lower than the centerline of the T-rd. E., 0.5 ft W. of the cor. fence post; on top of a drilled copper rod projecting 0.5 ft above the ground	756.50
<u>PLEASANT PLAIN QUAD. - 48</u>	
11 5.3 Reference mark, 145 ft NW. of the tablet; 96 ft N.; 19 ft W. and 1 ft N. of the S. end of the W. concrete headwall of the concrete box culvert; a chiseled square	679.49
12 5.4 BM, Washington, 4 mi S. and 3 mi W. of; T. 74 N., R. 8 W.; near the cor. of secs. 2, 3, 10 and 11; 18 ft S., 71 ft E. and 5.5 ft lower than the centerline of the T-rd. N.; on top and at the W. end of the S. concrete headwall of the concrete box culvert; a standard tablet stamped "19 DDB 1976"	678.680