

THIRD-ORDER LEVELS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

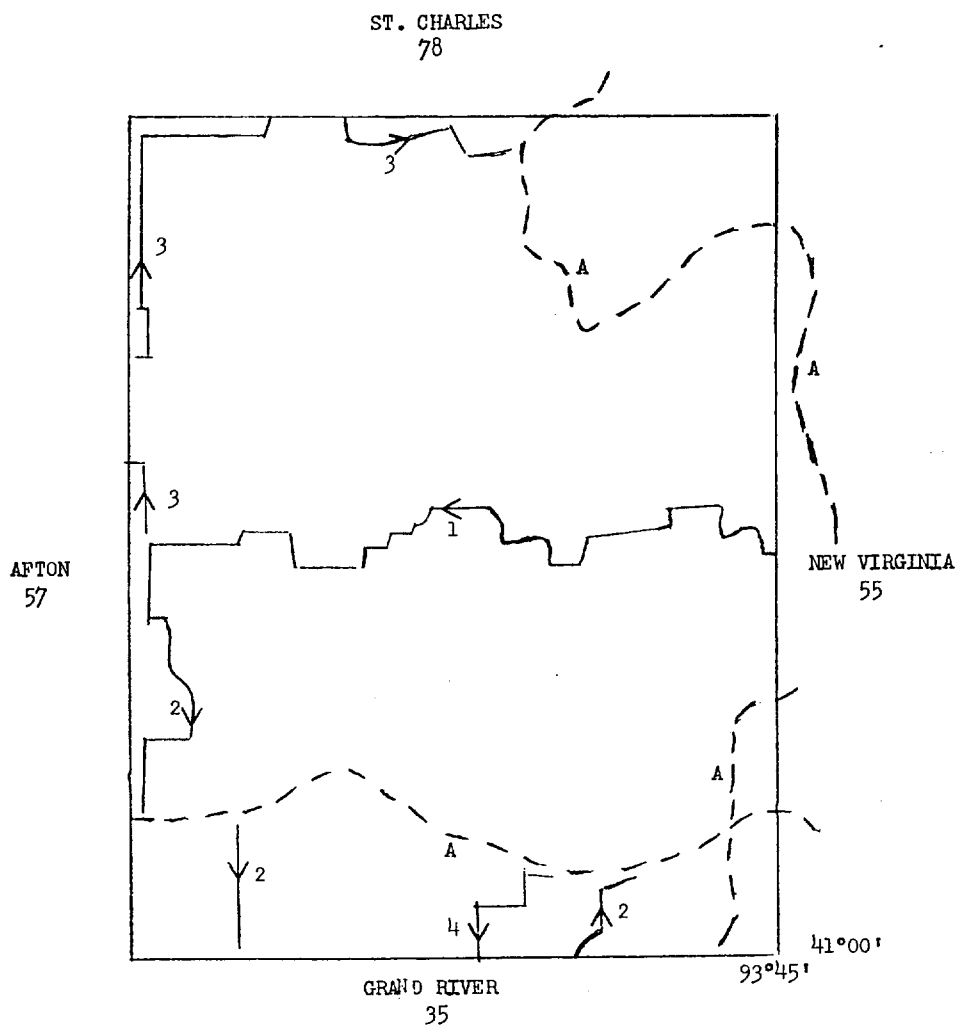
Clarke, Madison and Warren Counties

Edition of: 5-15-79

PR: ADP/cb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

41-093-33
OSCEOLA QUADRANGLE
56 - IOWA
N4100-W9345/15
DIAGRAM NK 15-8
DES MOINES



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

A. Quadrangle No. 410933

56 C

LINE 1

FEET

R.D. Searcy, 1950; Book CV-352

OSCEOLA QUAD. - 56

- | | |
|--|----------|
| 1.9 Osceola, 6 mi N. and 1 mi E. from, 490 ft S. of T-rd. E. near cor. secs. 16, 17, 20 and 21, T. 73 N., R. 25 W., 72 ft N. of telephone pole, 39 ft E. of center of road, 1 ft W. of fence, in concrete post; standard tablet stamped "TT 6 MT 1950" | 994.957 |
| 2.2 Reference mark, 0.3 mi N. of tablet, SE. cor. of bridge over creek, on the second rivet from E. end in the S. row of rivets on steel girder, 2 ft lower than road and 12 ft higher than water level at this date 7-13-50 | 943.05 |
| 2.8 UE 6 B, 0.5 mi N., thence 0.4 mi W. from tablet, center of wooden bridge over drain, 8 ft above bottom of drain | 952.6 |
| 4.0 UE 6 F, 0.5 mi N., thence 1.1 mi W., thence 0.6 mi N. from tablet, center of wooden bridge over drain 13 ft above bottom of drain | 1008.1 |
| 4.6 Osceola, 7 mi N. and 1 mi W. from, 247 ft E. and 32 ft N. from crossroads, near quarter cor. secs. 7 and 18, T. 73 N., R. 25 W., 10 ft E. and 4 ft N. from power pole, in concrete post; standard tablet stamped "TT 35 MT 1950" | 1097.964 |
| 7.5 Osceola, 6.5 mi N. and 3 mi W. from, 391 ft S. of T-rd. E., near W. sixteenth cor. sec. 14, T. 73 N., R. 26 W., 44 ft E. of road, 11 ft S. of power pole, in concrete post; standard tablet stamped "TT 34 MT 1950" | 1129.783 |
| 10.3 Standard tablet stamped "TT 33 MT 1950" (Reported destroyed 10-17-51) | 1136.696 |
| 10.3 Reference mark, 178 ft NE. of tablet, 32 ft E. of road, 0.5-in. iron rod projecting 6-in. | 1140.91 |
| 13.2 Murray, 5.7 mi N. and 2.7 mi E. from, near N. sixteenth cor. sec. 18, T. 73 N., R. 26 W., 483 ft E. of fence N.-S., 23 ft S. of road E.-W., in concrete post; standard tablet stamped "TT 32 MT 1950" | 1143.922 |
| 13.2 Reference mark, 85 ft W. of tablet, 21 ft S. of road, iron rod projecting 6-in. | 1139.23 |
| 13.9 UE 32 B, about 0.8 mi W. and S. of tablet along road, road at center of small wooden bridge over drain 3 ft higher than bottom of drain | 1125.8 |
| 15.3 Murray, 5 mi N. and 1.5 mi E. from, at cor. secs. 13, 14, 23 and 24, T. 73 N., R. 27 W., 78 ft W. of crossroads, 22 ft S. of road, in concrete post; standard tablet stamped "TT 31 MT 1950" | 1107.583 |
| 18.3 Murray, 5.5 mi N. and 0.5 mi W. from, near quarter cor. secs. 15 and 16; T. 73 N., R. 27 W., near road junction, 227 ft N. of road to W., 26 ft W. of road to N., in concrete post; standard tablet stamped "TT 30 MT 1950" | 1047.513 |
| 20.5 Murray, 5.5 mi N. and 2.5 mi W. from, near quarter cor. secs. 17 and 18, T. 73 N., R. 27 W., 370 ft S. of crossroads, 41 ft E. of road N.-S., 6 ft W. and 1 ft N. from power pole, in concrete post; standard tablet stamped "TT 29 MT 1950" | 1116.421 |
| 20.5 Reference mark, 140 ft S. of tablet, 31 ft E. of road, iron rod projecting 6-in. | 1112.94 |
| 21.9 Murray, 4 mi N. and 2.5 mi W. from, near cor. secs. 19, 20, 29 and 30, T. 73 N., R. 27 W., 303 ft N. and 32 ft W. from T-rd. N., 13 ft S. of telephone pole, 7 ft E. of fence, in concrete post; standard tablet stamped "TT 28 MT 1950" | 1176.611 |
| 21.9 Reference mark, 84 ft S. of tablet, 32 ft W. of road; iron rod projecting 6-in. | 1181.42 |

LINE 1 (Cont'd)

OSCEOLA QUAD. - 56

FEET

- 24.3 Murray, 2.5 mi N. and 1.5 mi W. from, near quarter cor. secs. 32 and 33, T. 73 N., R. 27 W.; 420 ft W. of extended tangent of road to S., 23 ft S. of road E.-W., 6 ft N. of fence, in concrete post; standard tablet stamped "TT 27 MT 1950" 1179.950
- 24.3 Reference mark, 72 ft E. of tablet, 29 ft S. of road; iron rod projecting 6-in. 1176.32
- 26.3 Murray, 1.5 mi N. and 2.5 mi W. from, at quarter cor. secs. 5 and 6, T. 72 N., R. 27 W., 318 ft E. and 34 ft N. from T-rd. S., 3 ft S. and 5 ft W. from power pole, in concrete post; a standard tablet stamped "TT 26 MT 1950" 1194.842
- 26.4 Reference mark, 96 ft W. of tablet, 31 ft N. of road; iron rod projecting 6-in. 1194.20
- 28.1 US&GS standard disk stamped "A 110 1935" 1154.191

LINE 2

R.D. Searcy, 1950; Book CV-352

OSCEOLA QUAD. - 56

- 0.0 US&GS standard disk stamped "B 110 1935" 1220.096
- 1.3 Murray, 1 mi S. and 0.5 mi W. from at cor. secs. 15, 16, 21 and 22, T. 72 N., R. 27 W., 197 ft N. and 29 ft E. from crossroads, on U.S. Hwy. 34, 30 ft S. of fence corner, 2 ft W. of fence, in concrete post; standard tablet stamped "TT 25 MT 1950" 1220.629
- 1.3 Reference mark, 192 ft S. of tablet, 48 ft E. of crossroads, 16 ft N. of U.S. Hwy. 34, on N. headwall of culvert under hwy.; chiseled square 1218.89
- 11.5 UE 21 C, 0.8 mi E., thence 1.5 mi N. and E. from tablet, center of wooden bridge over White Breast Creek, 12.5 ft above water level at this date 7-17-50 1063.7
- 12.5 Osceola, 1 mi S. and 3 mi W. from, at quarter cor. secs. 23 and 26, T. 72 N., R. 26 W., 355 ft N. of crossroads, 38 ft E. of road, 4 ft N. of telephone pole, in concrete post standard tablet stamped "TT 20 MT 1950" 1123.886
- 12.4 Reference mark, 362 ft SW. of tablet, on N. end of round concrete culvert; chiseled square 1108.56
- 13.6 US&GS standard disk stamped "G 110 1935" 1143.075

LINE 3

R.D. Searcy, 1950; Book CV-352

OSCEOLA QUAD. - 56

- 0.6 UE 29 A, about 0.6 mi N. of tablet "TT 29 MT 1950", wooden bridge over drain, 11 ft above bottom of drain 1085.4
- 1.9 Barney, 1.3 mi S. and 0.5 mi E. from, near S. sixteenth cor. secs. 5 and 6, T. 73 N., R. 27 W., 388 ft S. of crossroads, 91 ft N. of fence corner, 22 ft E. of road, in concrete post; standard tablet stamped "TT 36 MT 1950" NOTE: This monument moved approximately 18 ft E. new elev. undertermined HW 11-55) 1188.663
- 2.0 Reference mark, 220 ft N. of tablet, 24 ft E. of road, 5 ft N. of power pole; iron rod projecting 6-in. 1185.64
- 5.8 TT 38 MT 1950 (Reported destroyed 9-28-51) 1138.525
- 5.8 Reference mark, 350 ft N. of tablet, 27 ft W. of road; iron rod projecting 6-in. 1130.24

<u>LINE 3 (Cont'd)</u>	<u>OSCEOLA QUAD. - 56</u>	<u>FEET</u>
7.6 "TT 39 MT 1950" (reported destroyed 9-19-51)		1017.967
7.7 Reference mark, 421 ft N. of tablet, at SE. corner of bridge over drain, on large metal bolt, 1.5 ft lower than center of bridge and 9 ft higher than bottom of drain		991.26
9.9 Peru, 1 mi N. and 3.5 mi W. from, near E. sixteenth cor. secs. 6 and 31, Tps. 74 and 75 N., R. 27 W., just N. of of new right-of-way line, in concrete post; standard tablet stamped "TT 40 MT 1950" RESET 1959"		1117.623
9.8 Reference mark, 298 ft SW. of tablet, on S. concrete headwall of culvert; chiseled square		1126.11
12.0 Peru, 1 mi N. and 1.5 mi W. from, at cor. secs. 3, 4, 33 and 34, Tps. 74 and 75 N., R. 27 W., 3 ft E. of section line fence, 2 ft N. and 4 ft E. from telephone pole, in concrete post; standard tablet stamped "TT 41 MT 1950"		1115.242
12.0 Reference mark, 139 ft E. of tablet, on concrete headwall; chiseled square		1109.36
14.6 Peru, 1.5 mi N. and 0.5 mi E. from, at quarter cor. secs. 35 and 36, T. 75 N., R. 27 W., 407 ft S. of T-rd. S., 60 ft S. of telephone pole, 32 ft W. of road, in concrete post; standard tablet stamped "TT 42 MT 1950"		1109.496
14.6 Reference mark, 100 ft S. of tablet, 24 ft W. of road, on S. end of round concrete culvert; a chiseled square		1105.65
16.5 UE 42 D, 0.5 mi S., thence 1.1 mi E., thence 0.3 mi S. and E. from tablet, center of bridge over creek; 17 ft above water level at this date, July 1950		919.4
16.9 UE 42 E., about 0.5 mi S., thence about 1.9 mi S. and E. along road from tablet, center of small wooden bridge over drain		921.4
17.5 Peru, 1 mi N. and 2 mi E. from, near cor. secs. 5, 6, 31 and 32, Tps. 74 and 75 N., R. 26 W., at road turn, 0.4 mi N. of T-rd. W., 18 ft N. and 18 ft E. from point of intersection of road turn, 1 ft S. and 2 ft W. from small telephone pole, in concrete post; standard tablet stamped "TT 43 MT 1950"		912.248
17.5 Reference mark, 265 ft E. of tablet, 20 ft N. of road, 2 ft W. of power pole; iron rod projecting 6-in.		911.22
19.8 Trure, 2 mi N. of, at quarter cor. secs. 3 and 4, T. 74 N., R. 26 W., 572 ft W. of T-rd. W., 30 ft N. of road, 5 ft E. of telephone pole, in concrete post; standard tablet stamped "TT 44 MT 1950"		1088.749
19.8 Reference mark, 227 ft E. of tablet, 32 ft N. of road, 3 ft W. of power pole; iron rod projecting 6-in.		1083.58
22.3 Trure, 2.5 mi N. and 2 mi E. from, near cor. secs. 1, 2, 35 and 36, Tps. 74 and 75 N., R. 26 W., 354 ft W. of section line fence, 31 ft S. of road, 5 ft S. and 33 ft W. from power pole, in concrete post; standard tablet stamped "TT 45 MT 1950"		1020.224
22.4 Reference mark, 605 ft E. of tablet, 22 ft N. of road, on N. end of large round concrete culvert, 6 ft lower than road and 6 ft higher than bottom of drain; chiseled square		976.22

LINE 4

FEET

R.R. Barrett, 1978; Book CV-3436

OSCEOLA QUAD. - 56

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| 9 | 2 | 0.0 | BM, 3.5 mi W. along the Chicago, Burlington & Quincy RR. from the station at Osceola, Clarke County, 9 poles E. of milepost 364, 66 ft S. of the centerline of the S. track, 48 ft SW. of a pole with two guy wires, at a culvert under U.S. Hwy. 34 and in the center of the top of the N. headwall, a standard USC&GS disk stamped "F 110 1935" | 1153.069 |
| 4 | 0.4 | UE F 110 A, about 0.25 mi W. and 0.25 mi S. of tablet; 44 ft N., 89 ft E. and 1.6 ft lower than centerline of U.S. Hwy. 34 and N.-S. gravel road; on N. end of a concrete culvert; a chiseled square | 1135.44 | |
| 6 | 1.4 | UE F 110 B, about 0.75 mi S. and 0.75 mi W. of tablet; near cor. secs. 21, 22, 27 and 28, 7 ft S., 19 ft W. of extended centerline of T-rd. N.; on W. end of metal culvert; a punched hole | 1102.41 | |
| 9 | 2.4 | UE F 110 C, about 0.75 mi S. and 1.75 mi W. of tablet, near cor. secs. 20, 21, 28 and 29, 22 ft S., ft W. and 1.8 ft lower than T-rd. E., on W. end of metal culvert; a punched hole | 1160.06 | |

GRAND RIVER QUAD. - 35

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| 12 | 3.4 | UE F 110 D, about 1.75 mi S. and 1.75 mi W. of tablet; 22 ft S., 37 ft W. and 3.7 ft lower than crossroads, on S. end of concrete culvert; a chiseled square | 1182.93 |
| 15 | 4.4 | BM, Osceola, 2 mi S. and 6 mi W. from, near cor. secs. 29, 30, 31 and 32, T. 72 N., R. 26 W., 43.5 ft N., 129 ft E. and 1.4 ft lower than road at drive N., 4 ft N., 1 ft W. of fence corner; 4 ft N. and 2 ft W. of a metal witness sign, a standard tablet on 10 ft of copperweld rod, protected by a 5-in. drain tile, ground level stamped "TT 22 MT 1950 RESET 1978" | 1175.110 |