

THIRD-ORDER LEVELS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

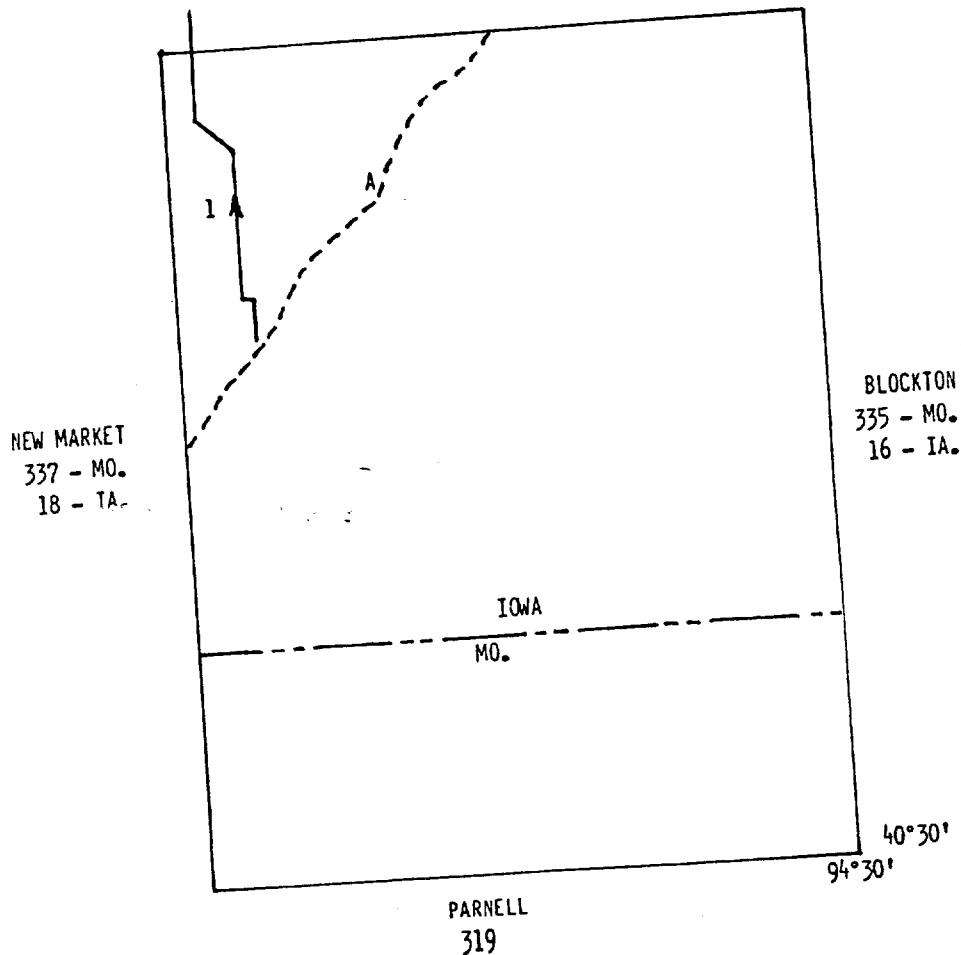
Nodaway and Worth Counties Missouri  
Taylor County, Iowa

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY.

40-094-42  
BEDFORD QUADRANGLE  
336 - MISSOURI  
17 - IOWA  
N4030-W9430/15  
DIAGRAM NK 15-10  
NEBRASKA CITY

Edition of: 3-29-78

PR: ADP/LB/cb



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

A. Quadrangle No. 400944

17 C

FEET

LINE 1

BEDFORD QUAD. - 17 IA., 336 MO.

J. Geurin, 1977; Book CV-3394

- |    |     |     |                                                                                                                                                                                                                                                                                                                     |                       |
|----|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1  | 3   | 0.0 | BM, At Bedford, Taylor County, on the Chicago, Burlington & Quincy R.R., on the street crossing the track just S. of the station, 170 ft W. of the track, a the World War Veterans Memorial, in the E. side of the S. pillar, and 2.5 ft above the street. A standard disk stamped "T 105 1935" and set vertically. | 1102.396              |
| 3  | 0.4 |     | Reference mark, about 74 ft N. of BM and near center of granitemarker cross is in "O" in the word above                                                                                                                                                                                                             | 1144.11               |
| 4  | 0.4 |     | BM, Bedford at, in yard of county court house in SW. cor. of concrete base of "Civil WAR Monument" in S. side of courthouse yard, mark is set in drill hole in SW. cor. of base of monument stamped "1 GEU 1977"                                                                                                    | 1141.319              |
| 6  | 1.2 |     | UE 1 A, about 0.7 mi NW. of BM at cor. of secs. 22, 23, 26 and 27, T. 68 N., R. 34 W., "High point of center of steel plate in center of crossroads                                                                                                                                                                 | 1213.40               |
| 7  | 2.2 |     | UE 1 B, about 1.7 mi NNW. of BM at cor. of secs. 14, 15, 22 and 23, T. 68 N., R. 34 W., steel pin center of road at T-rd. W.                                                                                                                                                                                        | 1215.24               |
| 8  | 2.7 |     | BM, Bedford, at courthouse, about 2.2 mi NNW. of, along State Hwy. 148 near quarter cor. secs. 14, and 15, T. 68 N., R. 34 W., 265 ft S. and 34 ft E. of T-rd. W. (field road E.) at small dr. crossing, mark is set in drill hole in N. end of E. headwall of culvert; stamped "2 GEU 1977"                        | 1197.441              |
| 9  | 2.7 |     | Reference mark, 7.6 ft S. of BM, chiseled square on S. end of E. headwall about 1 mi N. of BM                                                                                                                                                                                                                       | 1197.415              |
| 12 | 3.7 |     | UE 2 A, 40 ft S. and 29 ft E. of center of road at fence E., Hwy. Dept. rivet in center of headwall                                                                                                                                                                                                                 | 1242.69               |
| 14 | 4.8 |     | Reference mark, 11 ft SE. of BM, chiseled square in SE. end of headwall                                                                                                                                                                                                                                             | 1168.43               |
| 15 | 4.8 |     | BM, Bedford, about 4.5 mi N. of, along Hwy. 148 near N. quarter cor. secs. 3, T. 68 N., R. 34 W. at dr. crossing, 500 ft NW. of crossroads (mark is set in N. end of E. headwall of box culvert set in drill hole, stamped "3 GEU 1977"                                                                             | 1168.500              |
| 17 | 5.8 |     | UE 3 A, about 1 mi N. of BM, at sec. cors. 26, 27, 34 and 35, T. 69 N., R. 34 W., at center of crossroads iron pin                                                                                                                                                                                                  | 1236.92               |
|    |     |     |                                                                                                                                                                                                                                                                                                                     |                       |
|    |     |     |                                                                                                                                                                                                                                                                                                                     | <u>LENEX QUAD. 38</u> |
| 19 | 6.9 |     | Reference mar., 34.6 ft W. of BM, in S. end of W. wheelguard; chiseled square                                                                                                                                                                                                                                       | 1163.62               |
| 20 | 6.9 |     | BM, Bedford, about 6.5 mi N. of, 0.4 mi E. of p.o. in gravity at drain crossing set in drill hole in SE. abutment of bridge, 19 ft E. of center of S. end of bridge stamped "4 GEU 1977"                                                                                                                            | 1163.168              |

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40-094-42  
BEDFORD QUADRANGLE  
336 - MISSOURI  
17 - IOWA

FEET

ISOLATED BENCH MARKS

|                                                                                                                                                                                                                                                                   |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Athelstan, 33 ft S., 10 ft W. from I-rd. N., on Iowa-Mo. state line, in NW. cor. of yard in concrete post; standard tablet stamped "762 CWA 1934 1093"                                                                                                            | 1092.984 |
| T. 67 N., R. 33 W., near N. cor. secs. 35 and 36; 22 ft S., 590 ft E. from road cor. W. to S. on top of hill, road E. has been abandoned, in concrete post; standard tablet stamped "763 CWA 1934 1202"                                                           | 1202.092 |
| USC&GS Triangulation station ROWE, station is about 3.8 mi N. and 1.5 mi W. from Sheridan, in NW¼ NW¼ sec. 33, T. 67 N., R. 33 W., 25 ft S. of road on Iowa-Mo. state line, in property of E. S. Rowe, in concrete post; USC&GS standard disk stamped "ROWE 1934" | 1223.830 |
| Reference mark 1, 77 ft NE. of station, in concrete post; standard USC&GS disk stamped "ROWE NO 1 1934"                                                                                                                                                           | 1225.245 |
| Reference mark 2, 78 ft NW. of station, in concrete post; USC&GS standard disk stamped "ROWE NO 2 1934"                                                                                                                                                           | 1224.138 |
| T. 67 N., R. 33 W., near N. cor. secs. 32 and 33, 880 ft E. of I-rd. S., 158 ft E. of I-fence S., 18 ft S. of road on Iowa-Missouri state line, in concrete post; standard tablet stamped "764 CWA 1934 1224"                                                     | 1224.066 |
| T. 67 N., R. 33 W., near E. sixteenth cor. on N. line sec. 31, on Iowa-Mo. state line, at SW. cor. of steel bridge over Honey Creek, on southwesternmost rivet of rocker plate; chiseled cross                                                                    | 1091.87  |
| T. 67 N., R. 34 W., N. cor. sec. 35 and 36, 25 ft S., 300 ft W. of old I-rd. S., on beginning of road curve from W. to S., in concrete post; standard tablet stamped "765 CWA 1934 RESET 1190" (Elev. lost due to reset)                                          |          |