

MARENGO QUADRANGLE
119 - Iowa
N4145-W9200/15
Diagram NK 15-8
Des Moines, Iowa

PR: ADP/ot

420458

92°00'

A. No. 410921

119 D

Feet

LINE 1

NORTH ALONG SOUTH HALF WEST BORDER (LEVELING PERFORMED BY SECOND-ORDER METHODS) (By D. W. Bennett, 1966, Book CV-2062)

NORTH ENGLISH QUAD. 94

2 50 26.3 UE 18 B DWB, T. 80 N., R. 12 W., near N. sixteenth cor. secs. 15 and 16, 24 ft N. of and 64 ft W. of junction U.S. "6" and N.-S. gravel rd., iron pin on N. headwall of 9 x 20 concrete box culvert, painted "UE 788.5" (9 ft above drain and 1 ft lower than crossroads) 788.67

MARENGO QUAD. 119

51 26.9 Ladora, 0.3 mi S. and 3.0 mi W. of, T. 80 N., R. 12 W., 0.2 mi N. of cor. secs. 9, 10, 15 and 16, 19 ft N., 33 ft W. of T-rd. E., 5 ft S. of power pole, in top of a concrete post; a standard tablet stamped "11 GHC 1964 896" Painted "BM 895.6" 895.475

52 26.9 Reference mark, 80 ft SE. of tablet, in N. side of power pole; a rail spike 889.46

53 27.6 UE 10 C, 2.0 mi S. of tablet, T. 80 N., R. 12 W., near cor. secs. 3, 4, 9 and 10, 84 ft N., 65 ft E. and 4.6 ft lower than center of rd. at drive NW., in S. end of 48 in. corrugated steel pipe culvert, a punched hole, painted "UE 847.3" 847.18

54 28.6 UE 10 B, 1.0 mi S. thence 0.5 mi W., thence 0.5 mi S. along rds. from tablet, T. 80 N., R. 12 W., near center sec. 4, 18 ft N., 35 ft W. and 0.6 ft lower than center of rd. at fence W., in the E. side of a power pole, a rail spike, painted "UE 903.3" 903.21

55 29.6 UE 10 A, 1.0 mi S. along rd. from tablet, Tps. 80 and 81 N., R. 12 W., near cor. secs. 3, 4, 33 and 34, 24 ft S., 3 ft E. and 1.4 ft higher than T-rd. N., in N. side power pole, a rail spike, painted "UE 888.0" 887.93

57 30.6 Reference mark, 185 ft S. of tablet, in W. end of a 30 in. corrugated steel pipe culvert, a punched hole 825.85

58 30.6 Koszta, 2.6 mi S. and 1.8 mi W. of, T. 81 N., R. 12 W., near cor. secs. 27, 28, 33 and 34, 57 ft N., 26 ft W. of center of crossroads, 4 ft N. of a power pole, in top of a concrete post; a standard tablet stamped "10 GHC 1964 827" Painted "BM 826.8" 826.668

60 31.7 UE 9 C, 2.1 mi S. of tablet, T. 81 N., R. 12 W., near cor. secs. 21, 22, 27 and 28, 12 ft S., 40 ft E. and 0.6 ft higher than rd. at bridge, on E. end of S. bridge railing; a chiseled square painted "UE 786.6" 786.55

62 32.5 UE 9 B, 1.6 mi S. and 0.25 mi W. of tablet, T. 81 N., R. 12 W., 0.25 mi W. of quarter cor. between secs. 21 and 22, 4 ft N., 20 ft W. and 3.6 ft lower than center of rd. at culvert, in N. end of a 12 in. corrugated steel pipe culvert, punched hole, painted "UE 817.5" 817.42

64 33.5 UE 9 A, 1.0 mi S. along rd. from tablet, T. 81 N., R. 12 W., 0.2 mi N. of cor. secs. 15, 16, 21 and 22, 15 ft N., 34 ft W. and 4.1 ft lower than center of island formed by N.-S. rd. at rd. E., in W. end of 14 in. corrugated steel pipe culvert, punched hole, painted "UE 870.4" 870.27

65 34.1 Rd. at bridge 792.3

LINE 1 (Cont'd)

MARENGO QUAD. 119

Feet

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| 2 66 34.5 | Koszta, 0.5 mi N. and 1.8 mi W. of, T. 81 N., R. 12 W., near cor. secs. 9, 10, 15 and 16, 125 ft S. and 40 ft E. of center State Hwy. 212 at T-rd. S., 6 ft S. of power pole, 2 ft N. of fence, in top of concrete post; standard tablet stamped "9 GHC 1964 782" Painted "BM 782.1" | 781.972 |
| 67 35.4 | Reference mark, 55 ft NW. of tablet, in E. end of 24 in. corrugated steel pipe culvert, a punched hole | 778.60 |
| 68 35.8 | UE ET 13 C, 2.1 mi S. and 0.5 mi E. of tablet, T. 81 N., R. 12 W., 0.2 mi N. of quarter cor. between secs. 3 and 10, 30 ft N., 60 ft W. and 5.2 ft lower than center of rd. at drive W., on SW. end of a 24 in. round iron culvert; a chiseled square painted "UE 756.5" | 756.37 |
| 71 36.8 | UE ET 13 B, 1.4 mi S. and 0.25 mi E. along rd. from tablet, Tps. 81 and 82 N., R. 12 W., 0.25 mi W. of cor. secs. 3, 4, 33 and 34, 30 ft S., 2 ft W. and 2.5 ft lower than center of rd. at fence S., in the W. end of a 14 in. corrugated steel pipe culvert; a punched hole | 759.62 |
| 72 37.9 | UE ET 13 A, 0.6 mi S. along rd. from tablet, T. 82 N., R. 12W., 0.2 mi S. at cor. secs. 27, 28, 33 and 34, 17 ft N., 35 ft E. and 3.5 ft lower than T-rd. E., on N. end of a 24 in. round concrete culvert; a chiseled square, painted "UE 793.3" | 793.26 |
| 73 38.5 | Belle Plaine, about 2.0 mi E. and 1.0 mi S. of, near quarter cor. between secs. 27 and 28, T. 82 N., R. 12 W., 78 ft S. and 35 ft E. of gravel T-rd. S., in pasture land, 43 ft S. of fence cor. at NW. cor. of pasture, 1 ft E. of fence, in concrete post; standard tablet stamped "ET 13 JS 1963" | 934.508 |
| 74 38.5 | Reference mark, 99.8 ft from station, 130 ft E. of T-rd. S., 37 ft S. of gravel rd., 93 ft E. of NW. fence cor. of pasture, 2 ft S. of fence; in concrete post; standard reference tablet stamped "ET 13 JS 1963" | 932.80 |
| 75 39.5 | UE B 84 A, 0.4 mi S. and 0.7 mi E. along rds. from disk, T. 82 N., R. 12 W., near quarter cor. between secs. 21 and 28, 42 ft N., 68 ft E. and 2.1 ft higher than center of rd. at drive N., in S. side of a power pole, a rail spike, painted "UE 940.3" (Note: Spike missing from pole; replaced spike in original hole, DWB 1966) | 940.16 |

BELLE PLAINE QUAD. 120

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| 77 40.7 | Belle Plaine, 0.4 mi E. along Chicago & North Western RR. from the public library at, 2 poles W. of milepost 116, at overhead bridge 342, in SE. cor. of SW. stone wing wall of W. abutment, 14 ft S. of the center of the track, and about 2 ft higher than the rail; a US&GS standard disk stamped "B 84 1934" | 830.087 |
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LINE 2

EAST AND SOUTH NEAR CENTER OF SOUTH BORDER (By C. D. Lien, 1966, Book CV-2048)

MARENGO QUAD. 119

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| 2 2 0.0 | Ladora, at E. edge of, T. 80 N., Rs. 11 and 12 W., near quarter cor. between secs. 7 and 12, 37 ft S. and 71 ft E. of center of U.S. Hwy. 6, at T-rd. S., 3 ft W. of a power pole, in top of a concrete post; a standard tablet stamped "12 GHC 1964 772" Painted "BM 772.0" | 771.681 |
| 1.1 | UE 12 A, T. 80 N., R. 11 W., near cor. secs. 5, 6, 7 and 8, 1.1 mi E. of Ladora, along U.S. Hwy. 6, copper nail and washer, center of crossroads, painted "774.8" | 774.87 |

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LINE 2 (Cont'd)

MARENGO QUAD. 119

Feet

- 2 3 1.6 UE 12 BB, T. 80 N., R. 11 W., near center sec. 5, 1.6 mi E. of Ladora, along U.S. Hwy. 6, copper nail and washer, center of crossroads, painted "765.9" 765.92
- 4 2.2 UE 12 C, T. 80 N., R. 11 W., near quarter line between secs. 5 and 8, copper nail and washer in center of bridge over Bear Creek, 18.9 ft above water, painted "768.1" 768.17
- 5 2.3 Reference mark, 100 ft N., 17 ft E. from center of rd. at T-rd. E., 10 ft S., 15.8 ft E. from center of rd. at private drive E., a punched hole in S. end of a metal culvert 800.60
- 6 2.4 Ladora, 2.0 mi E. of, T. 80 N., R. 11 W., near the N. sixteenth cor. secs. 8 and 9, 23.6 ft N. and 200 ft E. of center of T-rd. E., 12.6 ft S. and 13.1 ft E. of SE. cor. of windmill, 1 ft S. and 1 ft E. of telephone pole; standard tablet set in a concrete post 4 in. above ground, stamped "17 GDL 1966" 810.723
- 7 2.8 UE 17 A, T. 80 N., R. 11 W., center sec. 9, 0.4 mi E. along rd. from tablet, a copper nail and washer in the center of a wooden bridge, 11.4 ft higher than drain, painted "765.3" 765.40
- 9 3.6 UE 17 B, Ladora, 3.0 mi E. of, T. 80 N., R. 11 W., near the N. sixteenth cor. between sec. lines 9 and 10, 38.9 ft N., 19 ft E. and 3.9 ft lower than T-rd. W., painted "820.8", a punched hole in the E. end of a metal culvert 820.84

NORTH ENGLISH QUAD. 94

- 11 4.3 Ladora, 0.75 mi S. and 3.0 mi E. of, T. 80 N., R. 11 W., sec. cors. 9, 10, 15 and 16, 18.7 ft N., 37 ft W. and 1.1 ft higher than private drive E., 6.2 ft S. of telephone pole, 1.7 ft E. of witness post; a standard tablet in a concrete post stamped "18 GDL 1966" 836.019

LINE 3

NORTH ALONG EAST BORDER (By G. H. Clarin, 1964, Book CV-1690)

OXFORD QUAD. 93

- 0.0 Conroy, 0.9 mi NE. along the Chicago, Milwaukee, St. Paul and Pacific RR. from the post office at, 16 poles SW. of milepost 59, at a private rd. crossing, 47 ft E. of center of track, 30 ft S. of center of private rd., 36 ft W. of the center of Co. Rd., 8 ft S. and 3 ft W. of right-of-way fence cor., and 1 ft lower than rail; a US&GS standard disk stamped "N 85 1934" set in top of concrete post. 877.462

AMANA QUAD. 118

- 1.0 UE N 85 A, 1.0 mi N. along rd. from disk, T. 80 N., R. 10 W., near quarter cor. between secs. 10 and 11, 12 ft S., 72 ft W. and 0.3 ft lower than center of rd. at T-rd. S., end of a large belt on the S. side of E. piling of a RR. overpass; painted "UE 869.8" 869.83

MARENGO QUAD. 119

- 2.0 UE N 85 B, 1.0 mi N. and 1.0 mi W. along rds. from disk, T. 80 N., R. 10 W., near quarter cor. between secs. 9 and 10, at SW. cor. cemetery, 32 ft N., 31 ft E. and 0.1 ft lower than center of State Hwy. 149 at T-rd. E., top of rod set in a 4 x 4 in. concrete right-of-way marker, painted "UE 893.8" 893.84

LINE 3 (Cont'd)

MARENGO QUAD. 119

Feet

- 2.9 UE N 85 C, 1.0 mi N., 1.0 mi W. thence 0.9 mi N. from disk, T. 80 N., R. 10 W., 0.1 mi S. of quarter cor. between secs. 3 and 4, 157 ft N., 48 ft W. and 6.3 ft higher than center State Hwy. 149 at fence W., the top of a rod set in a 4 x 4 in. concrete right-of-way marker; painted "UE 906.7" 906.73
- 3.5 Center of Hwy. at T-rd. W., section corner 848.6
- 4.0 Reference mark, 130 ft SE. of tablet, 36 ft S. of center of U.S. Hwy. 6, in center of S. headwall of concrete culvert; ohiseled square 761.29
- 4.1 Marengo, 1.0 mi S. and 3.0 mi E. of, T. 81 N., R. 10 W., near quarter cor. between secs. 33 and 34, at junction of State Hwy. 149 and U.S. Hwy. 6, 54 ft N. and 14 ft E. of center of Hwy. at trail N., 1 ft E. of a fence, in top of a concrete post; standard tablet stamped "1 GHC 1964 758" Painted "BM 758.4" 758.514
- 5.4 UE 1 A, 1.3 mi N. along trail and sec. line from tablet, T. 81 N., R. 10 W., 0.2 mi S. of cor. secs. 21, 22, 27 and 28, about 500 ft SE. (across river) from a cabin, 52 ft S., 120 ft E. and 6.1 ft higher than water level at center of curve in river; in W. side of 12 in. leaning cottonwood tree; a rail spike, not painted 727.55
- 6.0 UE 1 B, 1.9 mi N. along trail and sec. line from tablet, T. 81 N., R. 10 W., near quarter cor. between secs. 21 and 22, 19 ft S., 5 ft E. and 2.2 ft lower than center of rd. at T-rd. N., in the SE. end of an 18 in. corrugated steel pipe culvert; a punched hole, painted "UE 739.7" 739.75
- 7.0 UE 1 C, 2.9 mi N. along trail, sec. line and rd. from tablet, T. 81 N., R. 10 W., near quarter cor. between secs. 15 and 16, 19 ft S., 18 ft E. and 0.5 ft lower than center of rd. at cross-fence, in SW. end of a 14 in. corrugated steel pipe culvert; a punched hole, painted "UE 878.6" 878.67
- 8.1 UE 1 D, 4.0 mi N. along trail sec. line rds. from tablet, T. 81 N., R. 10 W., in NW $\frac{1}{4}$ sec. 10, 4 ft N., 23 ft W. and 0.2 ft higher than center of rd. at board fence W., in S. end of a 14 in. corrugated steel pipe culvert; a punched hole, painted "UE 901.2" 901.33
- 8.7 Reference mark, 165 ft E. of tablet, 36 ft S. of center of E.-W. rd., in S. side of a power pole, a rail spike 885.58

AMANA QUAD. 118

- 8.8 Watkins, 3.0 mi S. and 0.5 mi W. of, T. 81 N., R. 10 W., near quarter cor. between secs. 3 and 10, 36 ft S. and 59 ft W. of center of E.-W. rd. and center of rd. S. (crossroad offset), 3 ft SW. of power pole, in top of concrete post; standard tablet stamped "2 GHC 1964 882" Painted "BM 882.3" 882.377

MARENGO QUAD. 119

- 9.3 UE 2 A, 0.5 mi W. along rd. from tablet, T. 81 N., R. 10 W., near cor. secs. 3, 4, 9 and 10, 22 ft S., 32 ft E. and 2.1 ft higher than center of rd. at T-rd. N., in E. end of a 12 in. corrugated steel pipe culvert; a punched hole, painted "UE 874.8" 874.89
- 9.7 Rd. at bridge, 10 ft above drain 812.4
- 10.4 UE 2 B, 0.5 mi W. thence 1.0 mi N. along rd. from tablet, Tps. 81 and 82 N., R. 10 W., near cor. secs. 3, 4, 33 and 34, 28 ft S., 17 ft W. and 2.3 ft lower than center of rd. at T-rd. W., in center of W. headwall of concrete culvert; a chiseled square, painted "UE 841.3" 841.41

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LINE 3 (Cont'd)MARENGO QUAD. 119Feet

10.8	Rd. at T-rd. E.	832.1
11.4	UE 2 C, 0.5 mi W. thence 2.0 mi N. along rds. from tablet, T. 82 N., R. 10 W., near cor. secs. 27, 28, 33 and 34, 48 ft S., 27 ft W. and 0.5 ft lower than crossroads; in N. end of a 12 in. corrugated steel pipe culvert; a punched hole, painted "UE 831.8"	831.91
12.2	Center of rd. at S. edge of river	795.8
12.4	Center of rd. at fence line E.	802.8
12.5	UE 2 D, 0.5 mi W. thence 3.2 mi N. along rd. from tablet, T. 82 N., R. 10 W., 0.2 mi N. of cor. secs. 21, 22, 27 and 28, 68 ft S., 29 ft W. and 8.4 ft lower than center of rd. at RR. crossing, in S. end of 24 in. corrugated steel culvert; a punched hole, painted "UE 805.7"	805.86
12.9	Watkins, 1.5 mi W. along the C. & N.W. RR. from the station at, 15 poles W. of milepost 102, at 15 ft steel bridge 292, in S. end of stone backwall of the W. abutment, 12 ft S. of the center of track, and about 2 ft lower than rail; a USC&GS standard disk stamped "L 84 1934"	811.160

LINE 4

NORTH, EAST, AND SOUTH FROM NEAR CENTER OF QUAD. (By G. H. Clarin, 1964, Book CV-1690)

MARENGO QUAD. 119

0.0	Blairstown, 1.1 mi W. along the C. & N.W. RR. from the station at, 10.5 poles W. of milepost 107, at 6 ft concrete culvert 313, in NW. cor. of N. stone headwall; 25 ft N. of center of N. track, and about 5.5 ft lower than rail; a USC&GS standard disk stamped "G 84 1934"	834.821
0.5	Center of RR. at fence S.	844.0
0.9	UE G 84 A, 0.95 mi NW. along RR. from disk, T. 82 N., R. 11 W., near quarter cor. between secs. 15 and 16, 20 ft N., 41 ft E. and 3.9 ft lower than center of rd. at RR. crossing, on N. end of E. culvert of two 48 in. concrete culverts, a chiseled square, painted "UE 836.7"	836.68
1.0	Center of rd. at bridge	836.2
1.4	Rd. at cross-fence section cor.	835.8
1.9	UE G 84 B, 0.95 mi NW. thence 1.0 mi N. along rd. from disk, T. 82 N., R. 11 W., near quarter cor. between secs. 9 and 10, 20 ft S., 35 ft E. and 3.6 ft lower than center of crossroads, in S. end of a 24 in. corrugated steel pipe culvert; a punched hole, painted "UE 874.7"	874.73
2.4	T-rd. W., quarter cor., rail spike	872.5
2.9	UE G 84 C, 0.95 mi NW. thence 2.0 mi N. along rd. from disk, T. 82 N., R. 11 W., near quarter cor. between secs. 3 and 4, 7 ft N., 39 ft E. and 1.1 ft higher than center of rd. at fence E., in SW. side of S. pole of two power poles; a rail spike, painted "UE 854.7"	854.72
3.3	Reference mark, 190 ft S. of tablet, 22 ft W. of center of rd., in N. end of 12 in. corrugated steel pipe culvert; a punched hole	860.14
3.4	Blairstown, 3.0 mi N. and 2.0 mi W. of, T. 82 N., R. 11 W., near cor. secs. 3, 4, 33 and 34, 32 ft S., 50 ft W. of center of N.-S. rd. at rd. W., (crossroads are offset) 6 ft W. of fence cor., in top of concrete post; a standard tablet stamped "3 GHC 1964 862" Painted "BM 862.3"	862.247

LINE 4 (Cont'd)

MARENGO QUAD. 119

Feet

3.5	Rd. at bridge	855.2
3.9	Rd. at fence E., quarter cor.	885.1
4.4	UE 3 A, 1.0 mi N. along rd. from tablet, T. 83 N., R. 11 W., near cor. secs. 27, 28, 33 and 34, 39 ft S., 24 ft E. and 1.9 ft lower than center of U.S. Hwy. 30 at crossroad, on E. end of a 24 in. round concrete culvert; a chiseled square, painted "UE 892.9"	892.89
4.9	Rd. at cross fence	909.4
5.4	UE 3 B, 2.0 mi N. along rd. from tablet, T. 82 N., R. 11 W., near cor. secs. 21, 22, 27 and 28, 27 ft S., 18 ft E. and 3.8 ft lower than center of crossroads, in E. end of a 14 in. corrugated steel pipe culvert; punched hole, painted "UE 907.3"	907.23
5.9	Rd. at cross-fence	928.8
6.5	Center of crossroads, section cor.	926.9
6.6	Reference mark 1, 91.20 ft from station, 63 ft W. of drive N. to house of George Kelly, 36 ft N. of E.-W. gravel rd., 29 ft S. of SE. cor. of barn, 2.3 ft SE. of telephone pole, 3 ft NE. of SE. cor. of pig pen, in concrete post; standard reference mark tablet stamped "ET 11 JS 1963"	937.73
6.6	Van Horne, about 1.0 mi S. and 1.75 mi W. of, 0.25 mi W. of graveled crossroads at cor. secs. 15, 16, 21 and 22, T. 83 N., R. 11 W., 32 ft S. of center of E.-W. gravel rd., 20 ft E. of track rd. S. into field, 47 ft E. of power-line pole, 1 ft N. of right-of-way fence, in concrete post projecting 3 in., standard tablet stamped "ET 11 JS 1963"	939.832
6.8	Rd. at cross fence	925.3
7.4	UE ET 11 A, 0.75 mi E. along rd. from tablet, T. 82 N., R. 11 W., near cor. secs. 14, 15, 22 and 23, 20 ft S., 31 ft E. and 2.4 ft lower than center of crossroads, on S. end of a 14 in. round concrete culvert; a chiseled square painted "UE 931.2"	931.18
7.9	Rd. at fence N.	922.1
8.1	Rd. at culvert	896.1
8.4	UE ET 11 B, 1.75 mi E. along rd. from tablet, T. 82 N., R. 11 W., near cor. secs. 13, 14, 23 and 24, 15 ft N., 132 ft E. and 0.2 ft lower than center of State Hwy. 82 at crossroad; in center of N. headwall of a concrete culvert; a chiseled square, painted "UE 902.2"	902.18
8.5	Rd. at cross-fence	922.5
8.7	Rd. at cross-fence	933.3
9.3	Reference mark, 240ft W. of tablet, 13 ft S. of center of rd., in center of S. headwall of a concrete culvert; a chiseled square	906.95
9.4	Van Horne, 1.0 mi S. and 1.0 mi E. of, T. 82 N., Rs. 10 and 11 W., near cor. secs. 13, 18, 19 and 24, 39 ft S. and 34 ft W. of center of crossroads, 5 ft S. of a power pole, in top of a concrete post; a standard tablet stamped "GHC 1964 905"	905.348
9.8	Rd. at fence S.	929.9

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LINE 4 (Cont'd)MARENGO QUAD. 119Feet

10.3	UE 4 A, 0.94 mi E. along rd. from tablet, T. 82 N., R. 10 W., near cor. secs. 17, 18, 19 and 20, 30 ft S., 36 ft W. and 1.6 ft lower than center of crossroads, in N. side of power pole, a rail spike, painted "UE 952.1"	952.04
10.6	Rd. opposite cemetery	933.9
10.7	Rd. at culvert	908.0
10.9	Rd. at cross-fence	908.2
11.2	Rd. at cross-fence	914.7
11.3	UE 4 B, 1.9 mi E. along rd. from tablet, T. 82 N., R. 10 W., near cor. secs. 16, 17, 20 and 21, 21 ft S., 40 ft W. and 0.3 ft lower than center of U.S. Hwy. 218 at crossroads, on S. end of 14 in. round concrete culvert; chiseled square	900.08
11.4	Hwy. at culvert	886.9
11.8	Hwy. at cross-fence	921.5
12.2	UE 4 C, 1.9 mi E. thence 0.9 mi S. along Hwy. from tablet, T. 82 N., R. 10 W., near cor. secs. 20, 21, 28 and 29, about 500 ft N. of Hwy. at crossroad, 24 ft N. of center of Hwy. at center of culvert, in center of W. headwall of a concrete culvert, a bolt on washer, painted "UE 889.9"	889.9
12.3	Crossroads	892.6
12.8	Hwy. at fence	928.6
12.9	Reference mark 2, NNW. of station, 29 ft W. of center of Hwy., 1 ft E. of right-of-way fence, 2 ft NE. of fence post, 261.39 ft N. of R. M. 1, projects 7 in., USC&GS R. M. 2 YOUNG	941.538
13.0	Van Horne, about 4.0 mi SE. of, about 14.0 mi S. of Vinton, 0.3 mi N. of junction of U.S. 30 and 218, in SW $\frac{1}{4}$ sec. 28, T. 83 N., R. 10 W., near E. edge of right-of-way of U.S. Hwy. 218, 50 ft E. of center of Hwy. 218, 20 ft E. of right-of-way fence, 21 ft N. of E.-W. fence, 29 ft NE. of fence cor. post; a USC&GS Triangulation station disk stamped YOUNG 1934	941.256
13.0	Reference mark 1, SW. of station, 6 in. E. of right-of-way fence, 29 ft W. of center of Hwy., 150 ft N. of E.-W. fence, projects 10 in., USC&GS R.M. 1 YOUNG	942.078
13.3	Crossroads	920.6
13.8	Hwy. at fence S.	927.6
14.3	UE YOUNG A, 0.3 mi S. and 1.0 mi E. along Hwys. from disk, T. 82 N., R. 10 W., near cor. secs. 27, 28, 33 and 34, 33 ft S., 71 ft W. and 2.6 ft lower than center of U.S. Hwy. 30 and 218, and State Hwy. 64 at crossroad on S. end of a round 30 in. concrete culvert; a chiseled square painted "UE 881.8"	881.80
14.5	Rd. at cross-fence	905.5
14.8	Rd. at cross-fence	932.1
14.9	Rd. at fence line W.	920.1
15.3	UE YOUNG B, 0.3 mi S., 1.0 mi E. and 1.0 mi S. from disk, Tps. 81 and 82 N., R. 10 W., near cor. secs. 3, 4, 33 and 34, 28 ft N., 6 ft W. and 1.6 ft lower than center crossroads (rds. offset) in W. end 30 in. corrugated steel pipe culvert, a punched hole, painted "UE 884.2"	884.20

LINE 4 (Cont'd)

	<u>MARENGO QUAD. 119</u>	<u>Feet</u>
15.5 Rd. at fence E.		885.8
15.7 Rd. at fence E.		910.1
16.0 Rd. at fence E.		899.4
16.2 Reference mark, 100 ft NE. of tablet, in W. side power pole; rail spike		891.44
16.3 Watkins, 3.0 mi N. and 1.0 mi W. of, T. 81 N., R. 10 W., near cor. secs. 3, 4, 9 and 10, 37 ft S., 33 ft W. of center of crossroads, 3 ft SE. of fence cor., in top of concrete post; standard tablet stamped "5 GHC 1964 887" Painted "BM 887.2"		887.156
16.5 Rd. at fence E.		878.1
16.7 Rd. at E.-W. fenceline		873.7
16.9 Rd. at crest		900.0
17.3 UE 5 A, 1.0 mi S. along rd. from tablet, T. 81 N., R. 10 W., near cor. secs. 9, 10, 15 and 16, 54 ft N., 25 ft W. and 3.3 ft lower than center of crossroads, in N. end of 12 in. corrugated steel pipe culvert, a punched hole, painted "UE 867.8"		867.77
17.5 Rd. at fence W.		880.2
17.8 Rd. at cross-fence		859.7
18.0 Rd. at fence E.		867.1
18.3 UE 5 B, 2.0 mi S. along rd. from tablet, T. 81 N., R. 10 W., near cor. secs. 15, 16, 21 and 22, 121 ft S., 11 ft E. and 4.8 ft lower than center of crossroads, in center of E. headwall of concrete culvert, a chiseled square, painted "UE 835.2"		835.16
18.5 Rd. at drive E.		860.9
18.8 Rd. at fence E.		830.7
19.1 "UE 2 D" (Described in Line 3)		805.86

LINE 5

SOUTH THENCE EAST FROM CENTER OF QUAD. (By G. H. Clarin, 1964, Book CV-1690)

MARENGO QUAD. 119

0.0 UE G 84 A (Described in Line 4)	836.68
0.5 UE G 84 AA, 0.5 mi S. along rd. from chiseled square, T. 82 N., R. 11 W., near cor. secs. 15, 16, 21 and 22, 38 ft S., 28 ft W. and 0.2 ft lower than center of Co. Hwy. "H" at crossroad, in W. end of 30 in. corrugated steel pipe culvert; a punched hole, painted "UE 890.3"	890.30
0.8 Rd. at cross-fence	931.8
1.1 Rd. at culvert	889.5
1.3 Rd. at culvert	887.4

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MARENGO QUADRANGLE
119 - Iowa

LINE 5 (Cont'd)

	<u>MARENGO QUAD. 119</u>	<u>Feet</u>
1.5	UE G 84 A B, 1.5 mi S. along rd. from chiseled square, T. 82N., R. 11 W., near cor. secs. 21, 22, 27 and 28, 32 ft S., 32 ft W. and 1.8 ft higher than center of crossroads, in E. side power pole; a rail spike painted "UE 918.8"	918.78
1.8	Rd. at culvert	932.0
1.9	Rd. at cross-fence	922.6
2.2	Rd. at drive W.	928.0
2.5	Rd. at drive W.	908.9
2.7	UE G 84 A C, 2.7 mi S. along rd. from chiseled square, T. 82 N., R. 11 W., 0.15 mi S. of cor. secs. 27, 28, 33 and 34, 28 ft N., 25 ft W. and 2.7 ft lower than center of rd. at drive W., in N. end of a 14 in. corrugated steel pipe culvert; punched hole, painted "UE 864.7"	864.66
3.0	Reference mark 2, NW. of station, 1 ft E. of fence line, 35 ft W. of center of rd., projects 2 in., a standard USC&GS Triangulation RM BLAIRS 1930	933.514
3.1	Blairstown, 2.0 mi W. and 2.5 mi S. of, 4.5 mi N. and 3.5 mi W. of Marengo and 0.5 mi N. of Benton-Iowa County line, in SW $\frac{1}{4}$ sec. 34, T. 82 N., R. 11 W., on land owned by Bert Wandling, near SW. cor. pasture, 63 ft E. of fence line, 84 ft E. of center of rd., 54 ft N. of double walnut tree and is below surface of ground, 4 in.; mark is standard bronze disk set in concrete, 53 ft N. and 92 ft E. of center N.-S. track rd. (drive) E. USC&GS BLAIRS 1930	937.108
3.5	UE BLAIRS A, 0.4 mi S. along rd. from disk, Tps. 81 and 82 N., R. 11 W., near cor. secs. 3, 4, 33 and 34, at Benton-Iowa County line, 28 ft S., 16 ft E. and 0.4 ft higher than T-rd. N., in N. side power pole, a rail spike painted "UE 926.1"	926.02
4.0	Rd. at culvert	825.4
4.5	UE BLAIRS B, 0.4 mi S. and 1.0 mi W. along rds. from disk, Tps. 81 and 82 N., R. 11 W., near cor. secs. 4, 5, 32 and 33, 33 ft N., 41 ft W. and 0.3 ft lower than T-rd. S., in S. side of power pole, a rail spike, painted "UE 911.3"	911.20
5.2	UE Δ BLAIRS C, 0.4 mi S., thence 1.0 mi W. thence 0.7 mi S. along rd. from tablet, T. 81 N., R. 11 W., 0.2 mi S. of quarter cor. between secs. 4 and 5, 1.4 ft W. and 0.2 ft lower than center of rd. at culvert, in center of W. headwall of concrete culvert; a chiseled square, painted "UE 786.3"	786.14
5.7	UE Δ BLAIRS D, 0.4 mi S. thence 1.0 mi W. thence 1.2 mi S. along rds. from disk, T. 81 N., R. 11 W., 0.2 mi S. of cor. secs. 4, 5, 8 and 9, 22 ft N., 50 ft W. and 4.1 ft lower than center of crossroads, in W. end of 14 in. corrugated steel pipe culvert; punched hole, painted "UE 795.4"	795.11
6.6	UE Δ BLAIRS E, 0.4 mi S. thence 1.0 mi W. thence 1.4 mi S. along rd., thence 0.6 mi S. along sec.-line, T. 81 N., R. 11 W., near cor. secs. 8, 9, 16 and 17, at the section cor., in SW. side fence cor. post; a rail spike, not painted	749.49
7.6	Reference mark, 90 ft NNW. of tablet, in S. side 30 in. cottonwood stump; a rail spike	745.60
7.6	Marengo, 1.5 mi N. and 3.6 mi W. of, T. 81 N., R. 11 W., near cor. secs. 16, 17, 20 and 21, 53 ft S., 28 ft W. of center of rd. at T-rd. S., 4 ft S. of telephone pole, in top of a concrete post; a standard tablet stamped "6 GHC 1964 746" Painted "BM 746.1"	745.902

LINE 5 (Cont'd)

MARENGO QUAD. 119

Feet

8.4	UE 6 A, 0.7 mi S. along rd. from tablet, T. 81 N., R. 11 W., 0.2 mi S. of quarter cor. between secs. 20 and 21, 18 ft S., 11 ft W. and 0.9 ft lower than center of rd. at T-rd. E., in W. end of N. bridge abutment; a rail spike, painted "UE 751.7"	751.43
8.6	Rd. at fence E.	752.1
8.8	T-rd. W.	768.2
9.0	UE 6 B, 1.4 mi S. along rd. from tablet, T. 81 N., R. 11 W., near quarter cor. between secs. 28 and 29, 43 ft N., 112 ft E. and 9 ft lower than center of State Hwy. 212, at T-rd. N., in center of N. headwall of a concrete culvert; a chiseled square, painted "UE 826.0"	825.73
9.2	Hwy. at T-rd. S.	831.0
9.8	Rd. at bridge	790.2
9.8	UE 6 C, 1.4 mi S., 0.2 mi E. thence 0.5 mi S. along rd. from tablet, T. 81 N., R. 11 W., 0.2 mi E. of cor. secs. 28, 29, 32 and 33, 25 ft S., 23 ft W. and 1.2 ft lower than center of rd. at T-rd. W., in S. end of a 14 in. corrugated steel pipe culvert; a punched hole, painted "UE 798.8"	798.49
10.3	Rd. at curve and drive E.	866.5
11.0	UE 6 D, 1.4 mi S., 0.2 mi E. thence 1.2 mi S. along rd. from tablet, Tps. 80 and 81 N., R. 11 W., near cor. secs. 4, 5, 32 and 33, 17 ft N., 21 ft W. and 0.8 ft lower than center of rd. at T-rd. N., and trail S., in NW. end of an 18 in. corrugated steel pipe culvert; a punched hole, painted "UE 772.7"	772.41
12.0	Marengo, 1.5 mi S. and 2.7 mi W. of, Tps. 80 and 81 N., R. 11 W., near cor. secs. 3, 4, 33 and 34, 68 ft N. and 86 ft W. of center of U.S. Hwy. 6 at T-rd. NW., 2 ft N. and 49 ft W. of center of rd. at RR. crossing, 3 ft N. of a power pole, in top of a concrete post; a standard tablet stamped "7 GNC 1964 765" Painted "RM765.4"	765.112
12.0	Reference mark, 100 ft SE. of tablet, 20 ft N. and 33 ft W. of Hwy. at T-rd. NW., in W. end of a 14 in. corrugated steel pipe culvert; a punched hole	763.38
12.7	Rd. at bridge	756.3
12.8	T-rd. S.	755.7
12.9	UE 7 A, 0.9 mi E. along rd. from tablet, Tps. 80 and 81 N., R. 11 W., near cor. secs. 2, 3, 34 and 35, 22 ft N., 3 ft W. and 3.2 ft lower than center of rd. at fence N., on center of N. headwall of a concrete culvert; chiseled square, painted "UE 753.3"	752.94
14.0	UE 7 B, 2.0 mi E. along rd. from tablet, Tps. 80 and 81 N., R. 11 W., near cor. secs. 1, 2, 35 and 36, 14 ft N., 123 ft W. and 1.6 ft higher than center of rd. at T-rd. W., (crossroads offset) in the center of N. concrete bridge railing; a chiseled cross, painted "UE 784.0"	783.56
15.1	Reference mark, 80 ft S. of tablet, in S. end of 14 in. steel pipe culvert; a punched hole	833.80
15.2	Marengo, 1.8 mi S. of, at NW. cor. sec. 6, T. 80 N., R. 10 W., 116 ft N. and 29 ft W. of center of crossroads, 1 ft E. of right-of-way fence, in top of concrete post projecting about 3 in. above the ground; standard tablet stamped "8 GNC 841 RESET 1965"	841.448

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MARENGO QUADRANGLE
119 - Iowa

LINE 5 (Cont'd)

	<u>MARENGO QUAD. 119</u>	<u>Feet</u>
16.2 UE 8 A, 1.0 mi E. along rd. from tablet, Tps. 80 and 81 N., R. 10 W., near cor. secs. 5, 6, 31 and 32, 18 ft S., 30 ft E. and 0.8 ft lower than center of rd. at rd. N., (crossroads offset) in N. side of power pole; a rail spike, painted "UE 813.4"		812.94
17.2 UE 8 B, 1.5 mi E. thence 0.5 mi S. along rd. from tablet, T. 80 N., R. 10 W., near center sec. 5, 54 ft S., 31 ft E. and 4.5 ft higher than center of rd. at T-rd. E., in N. side of a telephone pole, a rail spike, painted "UE 792.6"		792.07
18.0 UE 8 C, 2.0 mi E. and 0.9 mi S. of tablet, T. 80 N., R. 10 W., 0.1 mi N. of cor. secs. 4, 5, 8 and 9, 16 ft W. and 4.7 ft lower than center of rd. at culvert, in center of W. headwall of a concrete culvert; a chiseled square, painted "UE 763.7"		763.18
18.8 UE 8 D, 1.3 mi S. and 2.5 mi E. of tablet, T. 80 N., R. 10 W., near center sec. 9, 34 ft N., 47 ft W. and 1.9 ft higher than center of rd. at drive S., in SE. side of a power pole, a rail spike, painted "UE 905.6"		905.07
19.5 UE N 85 B (Described in Line 3)		893.84

LINE 6

SOUTH IN SOUTHEAST PORTION (By G. H. Clarin, 1964, Book CV-1690)

MARENGO QUAD. 119

0.6 UE 1 B (Described in Line 3)		739.75
1.1 UE 1 B A, 1.1 mi W. along rd. from punched hole, T. 81 N., R. 10 W., 0.3 mi S. of cor. secs. 16, 17, 20 and 21, 15 ft S., 29 ft W. and 1 ft higher than T-rd. N., in N. side 48 in. cottonwood tree; a rail spike painted "UE 744.7"		744.82
1.8 Rd. at curve and T-rd. S.		736.6
2.1 UE 1 B B, 2.1 mi W. along rd. from punched hole, T. 81 N., R. 10 W., in NW $\frac{1}{4}$ sec. 20, 7 ft S., 15 ft W. and 0.3 ft higher than center of rd. at bridge; on W. end of S. concrete bridge rail; a chiseled square, painted "UE 747.1"		747.17
3.2 UE 1 B C, 3.2 mi W. along rd. from punched hole, T. 81 N., R. 10 W., in SW $\frac{1}{4}$ sec. 18, 13 ft N., 7 ft W. and 0.5 ft higher than center of rd. at bridge, on W. end of N. concrete bridge railing; a chiseled square, painted "UE 753.2"		753.22
3.4 T-Hwys. S.		748.1
3.6 Hwy. at crossroad		750.4
4.5 Reference mark 3, for Iowa River Gaging Station, located 0.8 mi N. of Marengo, at old river bridge, 93 ft S. and 13 ft E. of center bridge; painted "740.5"		740.521
4.5 Reference mark 8, for Iowa River Gaging Station, 0.8 mi N. of Marengo, (on old river bridge) (Description not available)		735.910
5.3 Hwy. at T-rd. W.		742.0
5.6 UE 1 B D, 3.3 mi W. and 0.5 mi S. of punched hole, T. 81 N., Rs. 10 and 11 W., near cor. secs. 25, 30, 31 and 36, 35 ft S., 14 ft W. and 0.1 ft lower than center of junction of Main St. and Eastern Ave., on NE. cor. of sidewalk, a chiseled square, painted "UE 736.1"		736.13

LINE 6 (Cont'd)

MARENGO QUAD. 119

Feet

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|-----|---|---------|
| 6.4 | UE 1 B E, 3.3 mi E. and 1.3 mi S. of punched hole, T. 81 N., Rs. 10 and 11 W., near cor. secs. 25, 30, 31 and 36, 24 ft S., 80 ft E. and 1.7 ft higher than center of U.S. Hwy. 6 and State Hwy. 411, in E. end of 14 in. corrugated steel pipe culvert, a punched hole, painted "UE 746.9" | 746.88 |
| 7.4 | "8 GHC 1964 839" (Described in Line 5) (RESET) | 841.448 |

LINE 7

EAST ALONG WEST HALF SOUTH BORDER (By G. H. Clarin, 1964, Book CV-1690)

MARENGO QUAD. 119

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|------|---|---------|
| 13.8 | Ladora, 0.3 mi S. and 3.0 mi W. of, T. 80 N., R. 12 W., 0.2 mi N. of cor. secs. 9, 10, 15 and 16, 19 ft N., 33 ft W. of T-rd. E., 5 ft S. of power pole, in top of a concrete post; a standard tablet stamped "11 GHC 1964 896" Painted "BM 895.6" | 895.475 |
| 14.8 | UE 11 A, 1.0 mi E. along rd. from tablet, T. 80 N., R. 12 W., 0.2 mi N. of cor. secs. 10, 11, 14 and 15, 22 ft S., 23 ft W. and 4.3 ft lower than crossroads, in S. end of a 14 in. corrugated steel pipe culvert; punched hole, painted "UE 795.7" | 795.17 |
| 15.6 | Rd. at bridge | 774.9 |
| 15.8 | UE 11 B, 2.0 mi E. along rd. from tablet, T. 80 N., R. 12 W., 0.3 mi N. of cor. secs. 11, 12, 13 and 14, 22 ft N., 36 ft E. and 0.2 ft lower than center of U.S. Hwy. 6 at crossroads, in W. side power pole; a rail spike, painted "UE 776.2" | 775.92 |
| 16.8 | Reference mark, 165 ft W. of tablet, in center SW. headwall of a concrete culvert; a chiseled square | 777.08 |
| 16.9 | Ladora, at E. edge of, T. 80 N., Rs. 11 and 12 W., near quarter cor. between secs. 7 and 12, 37 ft S. and 71 ft E. of center of U.S. Hwy. 6 at T-rd. S., 3 ft W. of a power pole, in top of a concrete post; a standard tablet stamped "12 GHC 1964 772" Painted "BM 772.0" | 771.681 |

SPUR LINE

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|------|--|---------|
| 0.4 | Reference mark 2, a chiseled square on top of downstream wing wall of the left bridge abutment; Gaging Station Bear Creek | 777.036 |
| 0.4 | Reference mark 1, a chiseled square on top of downstream wing wall of the right bridge abutment; Gaging Station Bear Creek | 776.985 |
| 18.5 | Hwy. at crossroad | 765.7 |
| 19.1 | UE 12 B, 2.2 mi E. along U.S. Hwy. 6 from tablet, T. 80 N., R. 11 W., on line between secs. 4 and 5, at RR. crossing, top of S. rail at center of N.-S. rd., painted "764.5" | 764.08 |
| 19.5 | UE 6 D (Described in Line 5) | 772.41 |

LINE 8

NORTH THENCE EAST FROM CENTER WEST BORDER (by G. H. Clarin, 1964, Book CV-1690)

BELLE PLAINE QUAD. 120

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| 0.0 | USC&GS "B 84 1934" (Described in Line 1) | 830.087 |
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MARENGO QUADRANGLE
119 - Iowa

LINE 8 (Cont'd)

	<u>BELLE PLAINE QUAD. 120</u>	<u>Feet</u>
0.8 UE B 84 V, 0.85 mi E. along State Hwy. 131 from disk, T. 82 N., R. 12 W., in NW $\frac{1}{4}$ sec. 21, about 500 ft E. of a cemetery, 22 ft normal to and on S. side of Hwy., in center of S. headwall of a concrete culvert; a chiseled square, painted "UE 887.1"		887.14
	<u>MARENGO QUAD. 119</u>	
1.5 T-rd. N.		813.4
1.7 UE B 84 X, 1.5 mi E. and 0.2 mi N. along State Hwy. 131 from disk, T. 82 N., R. 12 W., 740 ft N. of quarter cor. between secs. 21 and 22, 35 ft S., 12 ft E. and 0.3 ft lower than center of Hwy. at bridge, on SE. wing wall of a concrete and steel bridge; a chiseled square, painted "UE 810.1"		810.12
2.6 Hwy. at culvert and fence W.		866.7
3.0 UE B 84 Y, 1.5 mi E. thence 1.5 mi N. along State Hwy. 131 from disk, T. 82 N., R. 12 W., near cor. secs. 9, 10, 15 and 16, 20 ft S., 58 ft W. and 2.3 ft lower than center of Hwy. at crossroad, in S. end of 14 in. corrugated steel pipe culvert; a punched hole, painted "UE 876.6"		876.61
4.0 Reference mark, 115 ft S. of tablet, in W. side power pole; a rail spike		909.02
4.0 Belle Plaine, 2.5 mi N. and 1.5 mi E. of, T. 82 N., R. 12 W., near cor. secs. 3, 4, 9 and 10, 29 ft N. and 39 ft E. of center of State Hwy. 131 at crossroad, 2 ft S. of right-of-way fence, in top of a concrete post; a standard tablet stamped "13 GHC 1964 909" Painted "EM 909.4"		909.396
4.5 Center of Hwy. at culvert		875.1
5.0 UE 13 A, 1.0 mi N. along State Hwy. 131 from tablet, Tps. 82 and 83 N., R. 12 W., near cor. secs. 3, 4, 33 and 34, 34 ft N., 34 ft E. and 1.4 ft higher than center of State Hwy. 131 at crossroad, in W. side of a power pole, a rail spike, painted "UE 931.5"		931.54
5.4 Rd. at drain		889.8
6.0 UE 13 B, 2.0 mi N. along State Hwy. 131 from tablet, T. 83 N., R. 12 W., near cor. secs. 27, 28, 33 and 34, 99 ft S., 43 ft E. and 2.9 ft lower than center of U.S. Hwy. 30 and State Hwy. 64 at State Hwy. 131 S. and rd. N., on E. end of a 24 in. round concrete culvert; a chiseled square painted "UE 937.4"		937.40
6.5 T-rd. W.		937.7
7.1 UE 13 C, 3.0 mi N. along State Hwy. 131 and gravel rd. from tablet, T. 83 N., R. 12 W., near cor. secs. 21, 22, 27 and 28, 6 ft S., 26 ft E. and 2.9 ft lower than center of rd. at cross-fence, in S. end of a 12 in. corrugated steel pipe culvert, a punched hole, painted "UE 936.5"		936.52
7.8 Rd. at fence E.		913.8
8.0 Reference mark, 100 ft SE. of tablet, in W. side of power pole; a rail spike		917.08
8.1 Keystone, 0.5 mi S. and 2.0 mi W. of, T. 83 N., R. 12 W., near cor. secs. 15, 16, 21 and 22, 38 ft N. and 32 ft W. of center of crossroads, 2 ft E. of W. right-of-way fence, in top of a concrete post; a standard tablet stamped "14 GHC 1964 918" Painted "EM 918.2"		918.244
8.6 Rd. at cross-fence		918.7

<u>LINE 8 (Cont'd)</u>	<u>MARENGO QUAD. 119</u>	<u>Feet</u>
9.1 UE 14 A, 1.0 mi E. along rd. from tablet, T. 83 N., R. 12 W., near cor. secs. 14, 15, 22 and 23, 39 ft S., 26 ft W. and 4.6 ft lower than center of crossroads, in N. end of 14 in. corrugated steel pipe culvert; punched hole, painted "UE 890.6"		890.64
9.6 Rd. at drive N.		901.8
10.0 UE 14 B, 2.0 mi E. along rd. from tablet, T. 83 N., R. 12 W., 400 ft W. of cor. secs. 13, 14, 23 and 24, 21 ft N., 17 ft E. and 0.4 ft lower than center of rd. at bridge on the SW. end of the NE. concrete bridge wing wall; a chiseled square, 2.1 ft above water level; painted "UE 871.6"		871.58
10.1 Hwy. at crossroad		880.5
10.6 Rd. at culvert		858.8
11.1 Reference mark, 80 ft NW. of tablet, in N. end of 24 in. corrugated steel pipe culvert; a punched hole		867.83
11.1 Keystone, 0.5 mi S. and 1.0 mi E. of, T. 83 N., R. 11 and 12 W., near cor. secs. 13, 18, 19 and 24, 35 ft S. and 34 ft E. of center of crossroads, 2 ft N. of S. right-of-way fence; 10 ft SE. of a telephone pole, in top of a concrete post; standard tablet stamped "15 GNC 1964 866" Painted "EM 866.4"		866.386
11.2 Rd. at bridge		868.4
11.6 Rd. at cross-fence		908.1
12.1 UE 15 A, 1.0 mi E. along rd. from tablet, T. 83 N., R. 11 W., near cor. secs. 17, 18, 19 and 20, 33 ft S., 28 ft E. and 0.4 ft lower than center of crossroads, in S. side of a power pole; a rail spike, painted "UE 931.2"		931.24
12.6 Rd. at cross-fence		921.9
13.1 UE 15 B, 2.0 mi E. along rd. from tablet, T. 83 N., R. 11 W., near cor. secs. 16, 17, 20 and 21, 32 ft N., 18 ft W. and 2.7 ft lower than center of crossroads, in W. end of a 20 in. corrugated steel pipe culvert; a punched hole, painted "UE 904.3"		904.28
13.6 Rd. at culvert		899.0
14.3 Reference mark, ET 11 JS 1963 (Described in Line 4)		937.72
14.4 ET 11 JS 1963 940 (Described in Line 4)		939.832