

43-092-23
NEW HAMPTON QUADRANGLE
240 - IOWA
N4300-W9215/15
DIAGRAM NK 15-2
MASON CITY

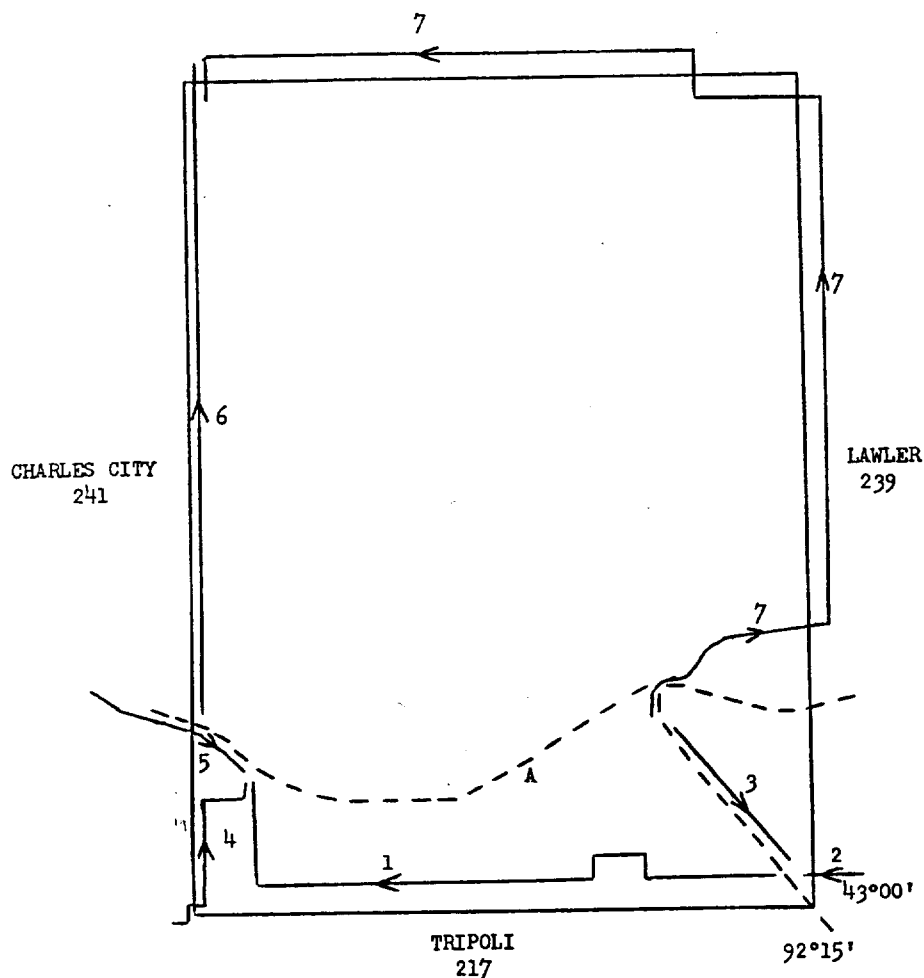
Edition of: 1/14/74

PR: AKH/gh/cb

Chickasaw, and Howard Counties

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LIME SPRINGS
263



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

A. Quadrangle 430922

2408

LINE 1

FEET

C. L. Crutchfield, 1969; Book CV 2490

NEW HAMPTON QUAD. - 240

- | | | | | |
|----|-----|-----|--|----------|
| 1 | 35 | 0.0 | Boyd, 0.5 mi SE. along the Chicago, Great Western RR. from the station at; 0.1 mi SE. of milepost 150, 411 ft SE. of the crossing of a rd., 42.6 ft NE. of the NE. rail, 7 ft E. of a pole, and 4.6 ft SW. of the right-of-way fence; USC&GS standard disk stamped "S 38 1934" and set in the top of a concrete post projecting about 2 in. above the ground | 1120.191 |
| 35 | 0.1 | | UE S A, near the cor. secs. 27, 28, 33 and 34, T. 95 N., R. 12 W.; a chiseled square, center of T-rd. S.; top o. a concrete slab; painted "UE S A" | 1122.7 |
| 36 | 1.1 | | UE S B, near cor. secs. 28, 29, 32 and 33, T. 95 N., R. 12 W., center of crossroads; a RR. spike, painted "UE S B" | 1139.4 |
| 37 | 1.1 | | Boyd, 2.0 mi W. of, near cor. secs. 29, 30, 31 and 32, T. 95 N., R. 12 W., 10 ft S. and 294 ft W. and .02 ft lower than crossroads, top of the SE. cor. of a concrete bridge wheelguard; a standard tablet stamped "39 CLC 1969" | 1103.498 |
| 38 | 2.2 | | Reference mark, 20 ft N. and 10 ft W. and .051 ft higher than tablet, top of the NW. concrete bridge wheelguard; a chiseled square, painted "RM" | 1103.55 |
| 39 | 3.1 | | UE 39 A, 0.9 mi W. along a County Hwy. from tablet, 32 ft E. and 0.1 ft higher than T-rd. E., center of hwy. at N.-S. fence line; a RR. spike painted "UE 39 A" | 1131.51 |
| 40 | 4.1 | | UE 39 B, near center sec. 25, T. 95 N., R. 13 W., 38 ft S. and 16 ft W. and 3.9 ft lower than T-field rds, top of the W. end of a metal corrugated culvert; a punched hole, painted "UE 39 B" | 1110.16 |
| 41 | 4.6 | | UE 39 C, near the center of secs. 25 and 26, T. 95 N., R. 13 W., 49 ft NW. and 22 ft NE. and 2.9 ft lower than T-rd. NW., top of the NE. end of a concrete tile culvert; a chiseled square, painted "UE 39 C" | 1093.66 |
| 42 | 4.7 | | REBAR 112, 0.1 mi N. and 10 ft E. of center of T-rd. N. on top of highest ridge in vicinity, T. 95 N., R. 13 W., about 500 ft N. of quarter cor. between secs. 25 and 26, an iron rebar driven into shoulder of rd. | 1116.880 |
| 43 | 5.3 | | Boyd, 4.0 mi W. of; near cor. secs. 25, 26, 35 and 36, T. 95 N., R. 13 W., 260 ft S. of a T-rd. SE., 9 ft N. and 15 ft W. and 1.4 ft lower than center of N.-S. rd. at fence line W., top of the W. end of a large concrete tile culvert; a standard tablet stamped "40 CLC 1969 1090" | 1089.545 |
| 45 | 5.3 | | Reference mark, 30 ft E. and .048 ft lower than tablet, top of the E. end of a large concrete tile culvert; a chiseled square, painted "RM" | 1089.50 |
| 46 | 6.2 | | UE 40 A, 0.8 mi W. along a county rd. from tablet, center of concrete bridge floor over a large drain; a chiseled square, painted "UE 40 A" | 1069.82 |
| 47 | 7.4 | | UE 40 B, 2.0 mi W. along a county rd. from tablet, 40 ft S. and 19 ft W. and 4.4 ft lower than T-rd. S., top of the W. end of a metal corrugated culvert; a punched hole, painted "UE 40 B" | 1053.12 |
| 48 | 8.0 | | Boyd, 6.6 mi W. of, 0.1 mi W. of the center of secs. 28 and 33, T. 94 and 95 N., R. 13 W., 13 ft N. and 95 ft W. and 0.6 ft higher than center of bridge over Wapsipicon River, top of the NW. end; a standard tablet stamped "41 CLC 1969 1063" | 1063.144 |
| 49 | 8.0 | | Reference mark, 26 ft S. and normal to tablet, top of the SW. end; a chiseled square, painted "RM" | 1063.14 |

LINE 1 (Cont'd)

NEW HAMPTON QUAD. - 240

FEET

- 1 50 8.4 UE 41 A, 0.4 mi W. along a county rd. from tablet, 50 ft N. and 3.3 ft lower than T-rds. on the S. side of a corner fence post; a RR. spike, painted "UE 41 A" 1083.47
- 51 9.5 UE 41 B, 1.5 mi W. along a county rd. from tablet, 17 ft N. and 320 ft W. and 5.5 ft lower than T-rd. N., top of the N. end of a metal corrugated culvert; a punched hole painted "UE 41 B" 1110.44
- 52 10.4 UE 41 C, 2.4 mi W. along a co. rd. from tablet, 25 ft S. and 29 ft W. and 2.5 ft lower than crossroads, top of the W. end of a concrete tile culvert; a chiseled square, painted "UE 41 C" 1135.60
- 53 11.4 UE 41 D, 3.4 mi W. along a county rd. from tablet, center of crossroads; a RR. spike, painted "UE 41 D" 1118.34
- 54 11.7 Ionia, 1.7 mi S. and 0.3 mi W. of; 0.3 mi W. of the cor. secs. 25, 26, 35 and 36, T. 95 N., R. 14 W., 35 ft S. and 6 ft E. and 1.6 ft lower than T-field entrance S., 1 ft N. of a witness sign; a copper coated steel rod driven to a depth of 10 ft; a standard brass tablet crimped to rod, set flush with the ground and stamped "42 CLC 1969 1130" 1129.509
- 55 12.4 UE 42 A, 0.6 mi W. along a county rd. from tablet, 36 ft N. and 35 ft E. and 2.6 ft lower than crossroads, on the SW. side of a power pole; RR. spike, painted "UE 42 A" 1098.05
- 56 13.4 UE 42 B, 0.6 mi W. and 1.0 mi N. along a county rd. from tablet, 32 ft N. and 16 ft W. and 3.2 ft lower than crossroads, top of the W. end of a metal corrugated culvert; a punched hole, painted "UE 48 B" 1108.84
- 58 14.9 Bassett, 2.3 mi E. along the Chicago, Milwaukee, St. Paul & Pacific RR. from the station at; 30 yards W. of a section-rd. crossing, 42.4 ft N. of the N. rail, 19.1 ft W. of the corner of a fence, and 4.5 ft S. of the right-of-way fence; USC&GS standard disk stamped "U 36 1934" and set in the top of a concrete post projecting 2 in. above ground (USC&GS elev. could not be reconciled. This elev. by USGS) 1123.552

LINE 2

C. L. Crutchfield, 1969; Book CV 2490

LAWLER QUAD. - 239

- 2 77 25.6 UE 58 B, near center secs. 26 and 35, T. 95 N., R. 12 W., center of T-rd. S.; a RR. spike, painted "UE 58 B" 1135.49
- 78 26.1 UE 58 C, near cor. secs. 26, 27, 34 and 35, T. 95 N., R. 12 W., center of T-rd. N.; a RR. spike, painted "UE 58 C" 1138.05
- 79 27.2 USC&GS "S 38 1934" (described in Line 1) 1120.191

LINE 3

C. L. Crutchfield, 1969; Book CV 2490

NEW HAMPTON QUAD. - 240

- 3 1 0.0 At New Hampton, on the C. M. St. P. & P. RR., 0.2 mi E. of the station, at the crossing of the Chicago Great Western RR., 71.6 ft W. of the W. rail of the C.&GW. RR., 23.0 ft S. of the S. rail of the C.M. St. P. & P. RR.; USC&GS standard disk stamped "Z 36 1934" and set in the top of a concrete post projecting 1 in. above ground 1158.118
- 6 1.7 UE Z A, 1.7 mi SE. along the RR. from tablet, 31 ft W. of the W. rail of the main track; top of the SW. corner of the W. headwall of a concrete box culvert; a chiseled square, not painted 1127.41

4
NEW HAMPTON QUADRANGLE
240 - IOWA

<u>LINE 3 (Cont'd)</u>	<u>NEW HAMPTON QUAD. - 240</u>	<u>FEET</u>
3 7 2.8 UE 2 B, 2.8 mi SE. along the RR. from tablet, at mileage signal light 382/63, 5 ft W. of the W. rail of the main track; top of the concrete base of a signal light; a chiseled square, not painted		1142.54
8 4.2 UE 1 C, 4.2 mi SE. along the RR. from tablet, 0.2 mi E. of the cor. secs. 20, 21, 28 and 29, T. 95 N., R. 12 W.; top of the W. rail at center of crossing, not painted		1156.09
9 5.6 USC&GS "S 38 1934" (described in Line 1)		1120.191

LINE 4

<u>E. L. Crutchfield, 1969; Book CV 2434</u>	<u>NASHUA QUAD. - 218</u>	
2 37 2.2 UE 18 A, 1.0 mi E. along a county rd. from tablet, 27 ft S. and 16 ft E. and 1.5 ft lower than crossroads, top of the E. end of a metal corrugated culvert; a punched hole, painted "UE 18 A"		993.24
38 2.5 UE centerline, 1.3 mi E. along a co. rd. from tablet; center of a wooden bridge over Little Cedar River; a rail spike, painted "UE Centerline"		973.7
39 2.9 UE 18 B, 1.6 mi E. along a co. rd. from tablet, 29 ft S. and 17 ft W. and 6.2 ft lower than crossroads, top of the W. end of a metal corrugated culvert; a punched hole, painted "UE 18 B"		981.37

NEW HAMPTON QUAD. - 240

-0 3.9 UE 18 C, 0.3 mi S. of the cor. of secs. 27, 28, 33 and 34, T. 95 N., R. 14 W., 27 ft SE. and 11 ft E. and 1.8 ft lower than T-field entrance SE. leading in a field, top of the NE. end of a metal corrugated culvert; a punched hole, painted "UE 18 C"	1011.34
-1 4.4 Bradford, 3.3 mi N. and 0.5 mi E. of; 0.3 mi N. of the cor. secs. 27, 28, 33 and 34, T. 95 N., R. 14 W., 13 ft E. and 1.3 ft higher than center of N.-S. gravel rd. and an E.-W. drain crossing, in the center of the E. headwall of a concrete box culvert; a standard tablet stamped "19 CLC 1969 1025"	1024.625
-2 4.4 Reference Mark, 25 ft W. and 0.7 ft lower than tablet, in the center of the W. headwall of a concrete box culvert; a chiseled square, painted "RM"	1023.90
+3 5.1 UE 19 A, 0.7 mi N. along a co. rd. from tablet, 34 ft S. and 28 ft E. and 1.7 ft higher than T-rd. E., on the NW. side of a corner fence post; a rail spike, painted "UE 19 A"	1046.52
-4 5.9 UE 19 B, 1.4 mi N. along a co. rd. from tablet, 29 ft S. and 22 ft E. and 5.1 ft lower than crossroads, top of the E. end of a metal corrugated culvert; a punched hole, painted "UE 19 B"	1060.22
-5 6.9 UE 19 C, 1.4 mi N. and 1.0 mi E. along a co. rd. and hwy. from tablet, 40 ft N. and 20 ft E. and 3.3 ft lower than crossroads, top of the E. end of a concrete tile culvert; a chiseled square, painted "UE 19 C"	1127.18
-6 7.6 USC&GS "U 36 1934" (described in Line 1)	1123.552

LINE 5

<u>E. L. Crutchfield, 1969; Book CV 2434</u>	<u>CHARLES CITY QUAD. - 241</u>	
1 1.0 At Bassett, Chickasaw County, on the C.M. St. P. and Pacific RR., about 57 yards W. of the station, 56 ft S. of the S. rail of the main track, 13.6 ft S. of the S. rail of the S. sidetrack, and in line with a row of poles; a standard USC&GS disk stamped "T 36 1934" and set in the top of a concrete post projecting about 1 in. above ground		1023.315
-9 1.1 UE T A, 390 ft NE. of tablet, center of N.-S. co.hwy. at RR. crossing; top of S. rail		1028.7

<u>LINE 5 (Cont'd)</u>		<u>CHARLES CITY QUAD. - 241</u>	<u>FEET</u>
2	50 2.2	UE T B, 1.1 mi E. along the RR. from tablet, at center N.-S. rd. crossing and RR., top of the N. rail; a chiseled cross, top of rail, painted "UE T B"	1059.19
		<u>NEW HAMPTON QUAD. - 240</u>	
51	2.7	UE T C, 1.6 mi E. along the RR. from tablet, 8 ft S. and 13 ft E. and 0.1 ft lower than center of E.-W. rd. at RR. crossing, top of the S. end of a concrete tile culvert; a chiseled square, painted "UE T C"	1085.11
52	3.5	USC2GS "U 36 1934" (described in Line 1)	1123.552

LINE 6

<u>G. L. Crutchfield, 1969; Book CV 2434</u>		<u>NEW HAMPTON QUAD. - 240</u>	
3	3 0.0	UE T B (described in Line 5)	1059.19
3	0.6	UE T D; near cor. secs. 3, 4, 9 and 10, T. 95 N., R. 14 W., 45 ft S. and 18 ft E. and 1.3 ft lower than crossroads, top of the E. end of a concrete tile culvert; a chiseled square, painted "UE T D"	1129.35
4	1.0	Bassett, 0.3 mi N. and 1.0 mi E. of; 0.3 mi N. of the cor. of secs. 3, 4, 9 and 10, T. 95 N., R. 14 W., 41 ft W. and 10.6 ft lower than center of a N.-S. rd. at a drain crossing, top of the W. end of a large concrete tile culvert; a standard tablet stamped "20 CLC 1969 1119"	1118.66
5	1.8	UE 20 A, 0.8 mi N. along a co. rd. from tablet, 27 ft N. and 32 ft E. and 3.6 ft lower than crossroads, top of the E. end of a concrete tile culvert; a chiseled square, painted "UE 20 A"	1142.78
6	2.8	UE 20 B, 1.8 mi N. along a co. rd. from tablet, 35 ft S. and 47 ft E. and 2.4 ft lower than crossroads, on the W. side of a power pole; a rail spike, painted "UE 20 B"	1144.51
7	3.8	UE 20 C, 2.8 mi N. along a co. rd. from tablet, 47 ft S. and 25 ft E. and 3.3 ft lower than crossroads, top of the E. end of a concrete tile culvert; a chiseled square, painted "UE 20 C"	1116.46
8	4.2	Deerfield, 2.6 mi S. of; 0.4 mi N. of the cor. secs. 21, 22, 27 and 28, T. 96 N., R. 14 W., 15 ft W. and 0.1 ft lower than center of a N.-S. rd. at a small drain crossing, in the center of the W. headwall of a concrete box culvert; a standard tablet stamped "21 CLC 1969 1105"	1104.572
9	4.4	Reference mark No. 1, 0.2 mi N. along a co. rd. from tablet, about 4 mi NE. of Bassett, Iowa, at bridge over Wapsipinicon River, at right downstream corner of bridge; on wheelguard; chiseled square	1109.00
10	4.5	Reference mark No. 2, 0.2 mi N. along a co. rd. from tablet, about 4 mi W. of North Washington, Iowa, at co. rd. "E", bridge over Wapsipinicon River, at left downstream corner of bridge on wheelguard; chiseled square	1108.94
11	4.8	UE 21 A, 0.6 mi N. along a co. rd. from tablet, 25 ft N. and 31 ft E. and 2.1 ft lower than T-rd. E., top of the N. end of a large metal corrugated culvert; a punched hole, painted "UE 21 A"	1102.56
12	5.6	UE 21 B, 1.6 mi N. along a co. rd. from tablet, 4 ft S. and 38 ft E. and 4.1 ft lower than center of N.-S. rd. at an E.-W. fence line crossing, top of the S. end of a metal corrugated culvert; a punched hole, painted "UE 21 B"	1128.03
13	6.9	UE 21 C, 2.6 mi N. along a co. rd. from tablet; a rail spike, center crossroads; paved co. rds., painted "UE 21 C"	1129.68

<u>LINE 6 (Cont'd)</u>		<u>NEW HAMPTON QUAD. - 240</u>	<u>FEET</u>
3	14 7.3	At Deerfield, Iowa, 0.4 mi N. of the cor. secs. 3, 4, 9 and 10, T. 96 N., R. 14 W., 1 ft S. and 108 ft W. and 6.7 ft higher than T-drive W. leading into the church and cemetery, near the center of the first step of the church; a standard tablet stamped "22 CLC 1969 1145"	1145.453
15	7.3	Reference mark, 22 ft N. and 28 ft E. of T-drive W. leading into the church and cemetery, top of the N. end of a concrete tile culvert; a chiseled square painted "RM"	1134.75
16	7.8	UE 22 A, 0.5 mi N. along a co. paved rd. from tablet, at the center of crossroads; a rail spike, painted "UE 22 A"	1143.13
17	8.8	UE 22 B, 1.5 mi N. along a co. paved rd. from tablet; center of T-rd. E.; a rail spike, painted "UE 22 B"	1176.05
18	9.8	UE 22 C, 2.5 mi N. along a co. paved rd. from tablet, center of T-rd. E.; a rail spike, painted "UE 22 C"	1159.33
19	10.1	Alta Vista, 0.3 mi N. and 4.0 mi W. of, 1480 ft N. of the cor. secs. 21, 22, 27 and 28, 1480 ft N. and 17 ft W. and 7.4 ft lower than T-rd. E., 3 ft N. of a witness sign, top of a large boulder; a standard tablet stamped "23 CLC 1969 1152"	1151.954
20	10.8	UE 23 A, 0.7 mi N. along a co. rd. from tablet, 24 ft S. and 34 ft W. and 3.2 ft lower than crossroads, top of the E. end of a metal corrugated culvert; a punched hole, painted "UE 23 A"	1153.76
21	11.8	UE 23 B, 1.7 mi N. along a co. rd. from tablet, 26 ft N. and 22 ft W. and 1.3 ft lower than crossroads, top of the W. end of a metal corrugated culvert; a punched hole, painted "UE 23 B"	1206.07
22	12.8	UE 23 C, 2.7 mi N. along a co. rd. from tablet, center of crossroads; a rail spike at intersection of N.-S. gravel rd. and E.-W. co. paved hwy.; painted "UE 23 C"	1228.46
23	13.0	Elma, 3.0 mi W. of, 0.2 mi N. of the cor. secs. 3, 4, 9 and 10, T. 97 N., R. 14 W., 1160 ft N. and 24 ft W. of crossroads, 24 ft W. and 1.4 ft lower than center of N.-S. gravel rd. at a small drain crossing, top of the W. end of a large concrete tile culvert; a standard tablet stamped "24 CLC 1969 1196"	1195.768
24	13.1	Reference mark, 41 ft E. and 0.6 ft higher than tablet, top of the E. end of a large concrete tile culvert; a chiseled square, painted "RM" (NOTE: Chiseled square is on top of the second joint W. of the E. end of the first joint)	1196.35
<u>LIME SPRINGS QUAD. - 263</u>			
25	13.8	UE 24 A, 0.7 mi N. along a co. rd. from tablet, 35 ft N. and 33 ft E. and 0.2 ft higher than crossroads, on the S. side of a power pole; a rail spike, painted "UE 24 A"	1234.67
<u>MCINTIRE QUAD. - 264</u>			
26	14.8	UE 24 B, 0.7 mi N. and 0.97 mi W. along a co. rd. from tablet, 9 ft S. and 18 ft W. and 0.2 ft higher than center of bridge over a small creek, top of the SW. concrete bridge abutment; a chiseled square, painted "UE 24 B"	1159.94

7
NEW HAMPTON QUADRANGLE
240 - IOWA

LINE 7

FEET

C.D. Lien, 1972; Book CV-2914

NEW HAMPTON QUAD. - 240

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|----|---|-----|--|----------|
| 1 | 2 | 0.0 | At New Hampton, on the C.M. St. P. & P. RR., 0.2 mi E. of the station, at the crossing; of the Chicago Great Western RR., 71.6 ft W. of the W. rail of the C. & GW. RR., 23.0 ft S. of the S. rail of the C.M. St. P. & P. RR., set on top of a concrete post set 0.1 ft below ground, a standard disk stamped "Z 36 1934" | 1158.118 |
| 2 | | 0.4 | UE 36 A, 0.4 mi E. along tracks from tablet, a copper nail and washer in centerline of Pleasant Hill Avenue at RR. crossing | 1162.55 |
| 4 | | 1.6 | UE 36 B, 0.4 mi E. along tracks and 1.2 mi N. along road from tablet, a copper nail and washer in centerline of bridge over the Wapsipinicon River | 1141.74 |
| 8 | | 3.0 | New Hampton, at the junctions of U.S. Hwys. 18 and 63, 1.0 mi N. and 2.2 mi E. of, T. 95 and 96 N., R. 12 W., near the W. sixteenth cor. between secs. 4 and 33, 0.2 mi E. of sec. cors. 4, 5, 32 and 33, 9.7 ft S. and 49 ft E. of centerline of road at field line S. and 9.7 ft S. and 1.7 ft lower than centerline of road over culvert, set in the center of the S. headwall of a concrete culvert, a standard tablet stamped "12 CDL 1972" | 1173.267 |
| 9 | | 3.0 | Reference mark, 23 ft S., 9.4 ft W. of centerline of road at field road S. and 13.7 ft S., 434 ft E. of tablet, a chiseled square on a rock | 1181.48 |
| 12 | | 3.8 | UE 12 A, 0.8 mi E. along rd. from tablet, 34 ft S., 36 ft E. of; and 3.4 ft lower than centerline of road at T-rd. N., a RR. spike in a power pole | 1163.72 |

LAWLER QUAD. - 239

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|----|-----|--|----------|
| 16 | 4.8 | UE 12 B, 1.8 mi E. along road from tablet, at sec. cors. 2, 3, 34 and 35, T. 95 and 96 N., R. 12 W., 31 ft N., 33 ft W. of and 3.1 ft lower than centerline of road at T-rd. N., a chiseled square on a concrete culvert | 1172.12 |
| 19 | 5.8 | Reference mark, 31.8 ft S., 26.7 ft W. of centerline of road at T-rd. E. and 61 ft S., 24.6 ft E. of tablet, a punched hole in a metal culvert | 1195.80 |
| 20 | 5.8 | New Hampton, at the junctions of U.S. Hwys. 18 and 63, 2.0 mi N., 4.0 mi E. of; T. 96 N., R. 12 W., sec. cors. 26, 27, 34 and 35, 31.5 ft N., 48 ft W. of; and 3.1 ft lower than centerline of road at T-rd. E., 3.3 ft E. of a right-of-way fence and witness sign, and 2.3 ft SW. of a power pole, set on top of a 0.5 in. copper coated steel rod driven to the depth of 10 ft and encircled by a 6-in. tile set flush with ground, a standard tablet stamped "13 CDL 1972" | 1194.900 |
| 23 | 6.8 | UE 13 A, 1.0 mi N. along road from tablet, 50 ft N. and 46 ft W. of and ft lower than crossroads, a RR. spike in a power pole | 1265.02 |
| 26 | 7.9 | UE 13 B, 2.0 mi N. along road from tablet sec. cors. 14, 15, 22 and 23, 30.5 ft N., 36 ft E. of and 0.3 ft lower than crossroads, 2.6 ft SE. of a fence corner, a chiseled square on a rock | 1220.15 |
| 30 | 9.1 | New Hampton, at the junctions of U.S. Hwys. 18 and 63, 5.0 mi N., 4.0 mi E. of; T. 96 N., R. 12 W., near sec. cors. 10, 11, 14 and 15, 0.2 mi W. of crossroads, 17.6 ft S. of and 2.6 ft lower than centerline of road over drain and 17.6 ft S., 68 ft E. of centerline of road at fence N. set in the center of the S. headwall of a concrete box culvert; a standard tablet stamped "14 CDL 1972" | 1152.852 |
| 31 | 9.1 | Reference mark, 32 ft S., 41.4 ft W. of tablet, 49.6 ft S., 41.4 ft W. of centerline of road over drain and 1.0 ft N. of a right-of-way fence, a chiseled square on a rock | 1150.20 |

8
NEW HAMPTON QUADRANGLE
240 - IOWA

LINE 7 (Cont'd)

LAWLER QUAD. - 239

FEET

- | | | | | |
|----|------|------|---|----------|
| 1 | 35 | 10.3 | UE 14 A, 1.0 mi N., 0.2 mi E. of tablet sec. cors. 2, 3, 10 and 11, 20 ft N., 35.4 ft E. of and 3.2 ft lower than centerline of road at T-rd. E., a punched hole in a metal culvert | 1123.47 |
| 38 | 11.2 | | UE 14 B, 2.0 mi N., 0.2 mi E. along road from tablet, 51.4 ft S., 45 ft W. of; and 1.9 ft lower than centerline of road at T-rd. E., a RR. spike in a power pole | 1178.70 |
| 42 | 11.3 | | New Hampton at the junctions of U.S. Hwys. 18 and 63, T. 97 N., R. 12 W., sec. cors. 26, 27, 34 and 35, 62.3 ft S., 62.3 ft E. of and 1.4 ft lower than crossroads, 5.0 ft E. of a power pole and witness sign, set on top of a 0.5-in. copper coated steel rod driven to the depth of 10 ft and encircled by a 6-in. tile set flush with ground, a standard tablet stamped "15 CDL 1972" | 1185.926 |
| 43 | 11.3 | | Reference mark, 61 ft S., 59.5 ft W. of crossroads and 121.8 ft W. of tablet, a RR. spike in a power pole | 1186.24 |
| 46 | 13.3 | | UE 15 A, 1.0 mi N. along road from tablet, 34 ft S., 49 ft W. of and 3.5 ft lower than crossroads, a RR. spike in a power pole | 1211.11 |
| 49 | 14.3 | | UE 15 B, 2.0 mi N. along road from tablet, sec. cor. 14, 15, 22 and 23, 30.2 ft S., 29.5 ft W. of; and 3.4 ft lower than crossroads, a chiseled square on a concrete culvert | 1215.43 |
| 52 | 15.2 | | BM 16 New Hampton, at the junctions of U.S. Hwys. 18 and 63, T. 97 N., R. 12 W., near sec. cors. 10, 11, 14 and 15, 10.7 ft W. of; and 0.3 ft lower than centerline of road over drain and 712 ft S. and 10.3 ft W. of crossroads, set in the center of the W. head-wall of a concrete box culvert, a standard tablet stamped "16 CDL 1972" | 1194.406 |
| 53 | 15.6 | | Reference mark, 345 ft N., 4.7 ft W. of tablet, 367 ft S., 15.4 ft W. of crossroads and 15 ft W. of centerline of road at drain, a punched hole in a 48-in. metal culvert, the most northern one of two 48-in. culverts | 1194.59 |
| 57 | 16.3 | | UE 16 A, 1.0 mi N. along road from tablet, 34 ft S., 90 ft W. of; and 2.1 ft lower than centerline of road at T-rd. W., a RR. spike in a power pole also used as a corner fence post | 1207.17 |

NEW HAMPTON QUAD. - 240

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| 60 | 17.3 | | UE 16 B, 1.0 mi N. and 1.0 mi W. along road from tablet, secs. cors. 3, 4, 9 and 10, 54.5 ft S., 36.5 ft W. of; and 0.6 ft lower than crossroads, 14 ft SE. of a fence corner and 9.5 ft NW. of a power pole, a chiseled square on a rock | 1269.50 |
| 62 | 18.3 | | Reference mark, 11 ft S. centerline of road over drain and 21 ft S., 571 ft E. of tablet, a chiseled square on the W. end of the S. headwall of a concrete box culvert | 1199.15 |
| 63 | 18.4 | | New Hampton, 12.0 mi N. and 2.0 mi E. from the junction of U.S. Highways 18 and 63 at, about 302 ft W. of cor. secs. 4, 5, 8 and 9, T. 97 N., R. 12 W., 50 ft N. of centerline of rd.; in concrete post; standard tablet stamped "17 CDL 1972 RESET 1973" | 1198.817 |
| 65 | 19.3 | | UE 17 A, 1.0 mi W. along road from tablet, a copper nail and washer in centerline of road at T-rd. E. | 1179.32 |

LINE 7 (Cont'd)

LIME SPRINGS QUAD. - 263

FEET

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| 1 69 | 20.3 | New Hampton, at the junctions of U.S. Hwy. 18 and 63 and Elma, at the junction of State Hwy. 272 and county road V 18, T. 97 N., R. 12 W., near the center of sec. 6, 16.1 ft S., 55 ft W. of; and 0.1 ft lower than centerline of bridge over Crane Creek, and 3 ft SW. of a gaging station pipe, set in the SW. cor. of wingwall of bridge, a standard tablet stamped "18 CDL 1972" | 1175.546 |
| 70 | 20.4 | Reference mark, 314 ft W., 38 ft N. of the W. end of bridge and 44 ft N. and 314 ft W. of tablet, a RR. spike in a tree, first tree W. of bridge | 1169.17 |
| 73 | 21.3 | UE 18 A, 0.9 mi W. along road from tablet center of sec. 1, 28 ft S., 34 ft E. of; and 1.5 ft lower than crossroads and 11.4 ft SW. of hwy. mile marker no. 6, a chiseled square on a concrete culvert | 1228.15 |
| 75 | 22.3 | UE 18 B, 1.9 mi W. along road from tablet, a copper nail and washer in centerline of road at T-rd. S. | 1235.02 |
| 77 | 22.8 | Elma, at the junctions of State Hwy. 272 and county road V-18, 4.0 mi E. of along State Hwy. 272, T. 97 N., R. 13 W., near the quarter cor. between secs. 2 and 3, 26.4 ft S. of and 4.1 ft lower than centerline of road over drain, 26.4 ft S., 96 ft W. of centerline of road at N.-S. fence lines and 26.4 ft S., 133 ft E. of centerline road at private drive S., set in the SW. cor. of a headwall of a concrete box culvert, a standard tablet stamped "19 CDL 1972" | 1230.756 |
| 78 | 22.8 | Reference mark, 49 ft N., 18 ft W. of centerline of road at N.-S. fence lines and 75.4 ft N., 77 ft E. of tablet, a punched hole in the W. end of a metal culvert, under a field approach N. | 1229.82 |
| 80 | 23.9 | UE 19 A, 1.0 mi W. along road from tablet, a copper nail and washer in centerline of road at T-rd. N. | 1263.10 |
| 2 4 | 24.9 | UE 19 B, 1.0 mi W. along road from tablet, 60 ft N. of; and 0.9 ft lower than centerline of road at T-rd. S. and 1.8 ft S., 3.0 ft W. of a T-fence N. on top of a rail painted orange and used for a hwy. right-of-way marker, rail projecting 2.0 ft above ground near the quarter cor. between secs. 4 and 5 | 1295.89 |
| 6 | 25.3 | Elma, at the junctions of State Hwy. 272 and County road V-18, 1.5 mi E. of along State Hwy. 272, T. 97 N., R. 13 W., near the center of sec. 5, 23 ft S. of and 2.1 ft lower than centerline of road over drain, 23 ft S., 144 ft E. of centerline of road at private drive N. and 69 ft W. of hwy. mile marker number 2, set in the S. headwall of a concrete box culvert, a standard tablet stamped "20 CDL 1972" | 1256.496 |
| 7 | 25.3 | Reference mark, 92 ft N., 34.5 ft W. of centerline of road, at private drive N., 2 ft W. of a telephone pole and 115 ft N., 178.5 ft W. of tablet, on top of a rail painted orange and used for a hwy. right-of-way marker | 1258.47 |
| 8 | 25.8 | UE 20 A, 0.5 mi W. along road from tablet, a copper nail and washer in centerline of crossroads | 1268.13 |
| 11 | 26.8 | UE 20 B, 1.5 mi W. along road from tablet, quarter cor. between secs. 1 and 6, at Elma, at the junctions of State Hwy. 272 and county road V 18, 19.8 ft N., 35.3 ft E. of, and 1 ft lower than centerline road at T-rd. E. and 4.3 ft E. of a stop sign, a chiseled square on the S. end of a concrete side walk | 1189.29 |
| 17 | 27.7 | UE 20 C, 0.5 mi N. and 2.0 mi W. along road from tablet, and 0.1 mi W. of RR. crossing, a gravel road, 9.7 ft S., 15 ft W. of and 0.2 ft higher than centerline of bridge; a copper nail and washer in the SW. corner of bridge on a bridge piling | 1173.77 |

LINE 7 (Cont'd)

LIME SPRINGS QUAD. - 263

FEET

- 2 19 28.2 Reference mark, 160.8 ft E. of tablet, and 12.6 ft N., 47 ft W. of centerline of bridge
on top of a spike in a bridge piling in the NW. cor. of bridge 1168.85
- 20 28.2 Elma, at the junctions of State Hwy. 272 and County road V 18, 0.5 mi N., 0.9 mi W.
of; T. 97 and 98 N., R. 14 W., near the sec. cors. 1, 2, 35 and 36, 52.5 ft N., 210
ft W. of; and 0.1 ft higher than centerline of bridge over the Little Wapsipinicon
River, 52.5 ft N., 292 ft E. of centerline of road at a private drive N. to an old
abandoned house and 2.0 ft W. of a fence corner and witness sign, set on top of a
0.5 in. copper coated steel rod driven to the depth of 10 ft and encircled by a
6-in. tile set flush with the ground, a standard tablet stamped "21 CDL 1972" 1168.870
- 23 29.2 UE 21 A, 1.0 mi W. along road from tablet, 32 ft S., 35 ft W. of and 1.6 ft lower than
centerline of crossroads, a RR. spike in a corner fence post 1237.35

NEW HAMPTON QUAD. - 263

- 27 30.9 "BM 24 CLC 1969 1196" (Described in Line 6) 1195.768