

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

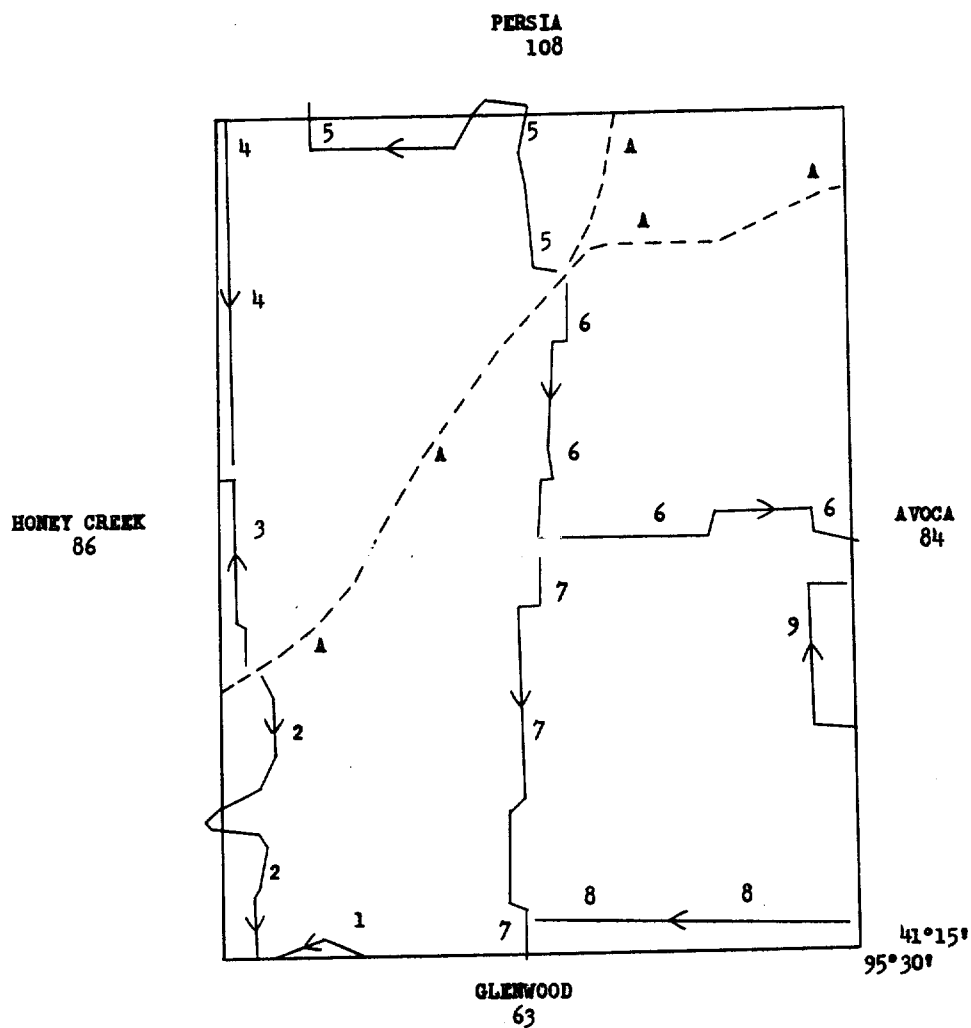
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEOLA QUADRANGLE
85 - Iowa
N4115-W9530/15
Diagram NK 15-7
Omaha, Nebr., Iowa

Pottawattamie County

Edition of 5/17/66

PR: PM/mp



USCAGS LEVELING
Quadrangle No. 410953

85 C

LINE 1FeetNEOLA QUAD. 35

IN SOUTHWEST CORNER OF QUADRANGLE (R. E. Garay, 1955; Book JV 676)

14.5 Reference mark, about 75 ft E. of tablet, 80 ft N. of center of rd., on N. edge of concrete base of well pump; unisized square

1188.0

14.5 Traynor, 1.75 mi N. and 5.0 mi W. of, near N. sixteenth corner between secs. 31 and 32, 50 ft NW. along rd., thence 39 ft N. of private drive N., 73 ft W. of a water well, 2.5 ft E. of the SE. corner of barn pond, in concrete post; standard tablet stamped "22 RC 1955 1188"

1188.0

14.8 T. 75 N., R. 42 W., in NE $\frac{1}{4}$ sec. 31, 27 ft N., 16 ft W. and 0.3 ft lower than rd. forks at rd. N., on W. end of pipe culvert;

1188.3

LINE 2

SOUTH ALONG SOUTH PORTION OF WEST BORDER (R. E. Garay, 1955; Book JV 676)

1.1 T. 75 N., R. 43 W., near E. central sixteenth corner sec. 1, center of rd. at T-rd. S.

1174.0

1.5 T. 75 N., R. 43 W., in the SE $\frac{1}{4}$ sec. 1, center of bridge, copper nail and washer, 1 ft above water level 4/14/55

1180.0

1.8 T. 75 N., R. 43 W., in NE $\frac{1}{4}$ sec. 12, center of bridge, copper nail and washer, 14 ft above water level 4/15/55

1181.0

2.1 T. 75 N., R. 43 W., near E. central sixteenth sec. 12, center of bridge, copper nail and washer, 12.9 ft above water level 4/15/55

1180.0

2.2 Weston, 2.0 mi S. and 0.5 mi E. of, in the SE $\frac{1}{4}$ sec. 12, T. 75 N., R. 43 W., 900 ft N. and 38 ft W. of a T-rd. N., 790 ft S. of a bridge, 1 ft E. of fence line at crown of ridge and 3 ft higher than the center of rd., in concrete post; standard tablet stamped "26 RC 1955 1185"

1185.0

2.4 T. 75 N., R. 43 W., in the SE. cor. sec. 12, center of rd. at T-rd. N.

1184.0

3.0 T. 75 N., R. 43 W., in the N. central portion of sec. 13, center of RR. at drain, nail and washer in cross tie

1184.0

3.7 T. 75 N., R. 43 W., in the E. central portion of sec. 14, center of RR. in line with fence W., nail and washer in cross tie

1185.0

5.1 T. 75 N., R. 43 W., near cor. secs. 13, 14, 23 and 24; near center of rd. corner at drain

1185.0

5.5 T. 75 N., R. 43 W., about 0.1 mi W $\frac{1}{2}$ corner between secs. 13 and 24; center of bridge, copper nail and washer, 29.5 ft above water level 4/15/55

1185.0

5.9 T. 75 N., R. 43 W., near E. sixteenth corner between secs. 13 and 24; center of rd. at T-rd. S.

1185.0

6.4 T. 75 N., R. 43 W., near E. central sixteenth corner section 24, center of rd. at E.-W. fence line

1182.0

7.0 Center of crossroads, 185 ft N. and 28 ft E. of "26 RC"

1182.0

7.0 Reference mark, about 90 ft SW. of tablet, 125 ft S. and 25 ft E. of crossroads, in root on N. side of a 12-in. walnut tree; copper nail and washer

1187.0

<u>Line 2 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
7.0 Weston, 4.25 mi S. and 0.5 mi E. of, 3.0 mi N. and 6.25 mi W. of Traynor, 185 ft S. and 28 ft W. of crossroads, which are near the E. sixteenth corner between secs. 24 and 25, T. 75 N., R. 43 W., 387 ft N. and 28 ft W. of the center of Hwys. 6 and 92 at rd. N., 1 ft E. of fence line, in concrete post; standard tablet stamped "28 RC 1955 1246"		1245.770
7.0 Center of Hwys. 6 and 92; at T-rd. N., 385 ft S. and 28 ft E. of "28 RC"		1255.6
7.3 T. 75 N., R. 43 W., in the N. central portion of sec. 25, center of Hwys. 6 and 92 at T-rd. S.		1254.1
8.1 T. 75 N., R. 43 W., in the S. central portion of sec. 25, center of crossroads		1233.5

LINE 3

NEAR CENTER WEST BORDER (R. E. Carey, 1955; Book CV 676)

NEOLA QUAD. 85

0.0 At Weston, Pottawattamie County, on the Chicago, Rock Island & Pacific Railroad, 23.8 ft NE. of the station sign, 21 rails NE. of the SW. end of a siding and the point where the RR. curve begins, 12 rails NE. of a point on the RR. opposite the junction of State Hwy. 64 and a tar rd. leading N., near the middle of a long curve, on the outside of the curve, 21.2 ft NW. of the NW. rail, 19 ft SE. of the extension to the NE. from the SW. of the line of the SE. rail, and 9.4 ft NE. of the extension to the SE. of the line of the NE. face of the white frame house of Matt Luckiesh. A USGS standard cap stamped "1037.025" and riveted on the top of a 3½-in. iron pipe projecting 0.1 ft above ground. (Recovered in good condition 4/21/55)		1037.350
0.4 T. 76 N., R. 43 W., near W. central sixteenth cor. sec. 36, center of rd. at private drive W.		1067.8
0.9 T. 76 N., R. 43 W., near cor. secs. 25, 26, 35 and 36; center of rd., at T-rd. N.		1111.9
1.4 T. 76 N., R. 43 W., near quarter corner between secs. 25 and 26; center of rd. at private drive W.		1135.7
2.1 Weston, 2.0 mi N. and 0.25 mi W. of, about 0.2 mi N. cor. secs. 23, 24, 25 and 26; T. 76 N., R. 43 W., 405 ft S. of the center of a bridge, 10 ft S. and 35 ft W. of rd. at a field drive W., 5 ft S. and 1 ft E. of T-fence W., in concrete post; standard tablet stamped "29 RC 1955 1092"		1092.091
2.1 Reference mark, 360 ft N. of tablet, at SE. corner of bridge in E. end of piling cap 2 ft lower than floor of bridge; copper nail and washer, 24.3 ft above water level 4/22/55		1082.28
2.5 T. 76 N., R. 43 W., near quarter corner between secs. 23 and 24, center of rd. at T-fence E.		1147.4

LINE 4

SOUTH ALONG NORTH PORTION OF WEST BORDER (R. E. Carey, 1955; Book CV 676)

9.6 T. 77 N., R. 43 W., near cor. secs. 1, 2, 11 and 12, center of crossroads (junction County Rd. K and E.		1163.7
10.2 T. 77 N., R. 43 W., near quarter corner between secs. 11 and 12, center of rd. at T-fence E.		1195.7

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Neola Quadrangle
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<u>Line</u>	<u>4 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
10.4	Center of rd. at T-rd. E., about 0.2 mi S. of quarter corner between secs. 11 and 12, T. 77 N., R. 43 W.		1199.3
10.7	T. 77 N., R. 43 W., near cor. secs. 11, 12, 13 and 14, center of rd. at private drive W.		1149.4
11.1	T. 77 N., R. 43 W., about 0.15 mi N. of quarter corner between secs. 13 and 14, center of bridge; copper nail and washer (27.2 ft above water level 6/2/55)		1084.0
11.8	Center of rd. at drive W. to schoolhouse, 33 ft N. and 35 ft E. of "62 RC"		1144.5
11.8	Leveland, 2.5 mi S. and 8.0 mi E. of, 1.0 mi N. and 6.5 mi W. of Neola, 400 ft N. and 35 ft W. of crossroads, which are near cor. secs. 13, 14, 23 and 24, T. 77 N., R. 43 W., 33 ft S. and 35 ft W. of drive W. to schoolhouse, 8 ft S. of fence corner, 2 ft N. and 1.5 ft W. of a telephone pole, in concrete post; standard tablet stamped "62 RC 1955 1149"		1144.11
11.9	Center of crossroads, 400 ft S. and 35 ft E. of "62 RC" and near cor. secs. 13, 14, 23 and 24; T. 77 N., R. 43 W.		1130.9
12.4	T. 77 N., R. 43 W., near quarter corner between secs. 23 and 24; center of rd. at private rd. W.		1075.6
12.8	T. 77 N., R. 43 W., near cor. secs. 23, 24, 25 and 26; center of rd. at T-rd. E. (Junction, County Rds. K and S)		1045.9
13.4	T. 77 N., R. 43 W., near quarter corner between secs. 25 and 26; center of rd. at E-W. fence line		1122.0
13.9	T. 77 N., R. 43 W., near cor. secs. 25, 26, 35 and 36, center of crossroads		1192.8
14.4	Center of rd. at E-W. fence line, 121 ft N. and 31 ft W. of "63 RC"		1201.5
14.5	Reference mark, 98 ft S. and 31 ft E. of tablet, 10 ft S. of windmill, on W. edge of concrete manhole; chiseled square		1206.92
14.5	Neola, 1.5 mi S. and 6.5 mi W. of, 2.5 mi N. and 3.5 mi W. of Underwood, 121 ft S. and 31 ft E. of rd. at E-W. fence line which is near quarter corner between secs. 35 and 36, T. 77 N., R. 43 W., 88 ft N. and 31 ft W. of well at windmill, 1 ft W. of fence line, in concrete post; standard tablet stamped "63 RC 1955 1206"		1205.64
15.0	Ts. 76 and 77 N., R. 43 W., near cor. secs. 1, 2, 35 and 36; center of rd. at E-W. fence line		1210.2
15.4	T. 76 N., R. 43 W., near quarter corner between secs. 1 and 2, center of rd. at T-rd. E.		1233.1
16.0	T. 76 N., R. 43 W., near cor. secs. 1, 2, 11 and 12, center of rd. at T-rd. W.		1220.8
16.5	T. 76 N., R. 43 W., near quarter corner between secs. 11 and 12, center of rd. at tree row W.		1191.1
16.9	Underwood, 0.5 mi N. and 3.5 mi W. of, 735 ft N. and 33 ft E. of crossroads which are near cor. secs. 11, 12, 13 and 14, T. 76 N., R. 43 W., at the S. end of a cut, 1 ft W. of fence line, in concrete post; standard tablet stamped "64 RC 1955 1161"		1160.524

<u>Line 4 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
17.0 Center of crossroads, 7.5 ft S. and 33 ft W. of "64 RC" and near cor. secs. 11, 12, 13 and 14, T. 76 N., R. 43 W.		1152.8
17.5 T. 76 N., R. 43 W., near quarter corner between secs. 13 and 14, at crown of hill, center of rd. at T-fence E.		1157.3
18.0 Chiseled square on E. edge of concrete base well pump in school yard		1102.14

LINE 5

FROM NEOLA, NORTH AND WEST TO NORTHWEST CORNER OF QUADRANGLE (R. E. Carey, 1955; Book 676)

NEOLA QUAD. 85

0.0 At Neola, Pettawattamie County, on the Chicago, Milwaukee, St. Paul and Pacific RR., 49.6 ft SW of the center of the crossing of the main track and a dirt street, 54.1 ft S. of the SE. corner of a brick garage (Hobbins Skelly Service) 26.3 ft S. of the S. rail of the main track, 22 ft NW. of the NE. corner of the entrance extension to the Stekely Lumber Co. warehouse, 15.3 ft N. of the Me. corner of the warehouse, 8.6 ft E. of the extension to the S. of the line of the E. face of the brick garage, 1 ft S. of the line of the right-of-way fence, at the N. edge of a dirt rd. leading to the rear of the warehouse, and 0.2 ft under ground, a USGS standard cap stamped "1095.470" and riveted on the top of a 3½-in. iron pipe. NOTE: It was reported in August 1948 that this bench mark is in good condition but in a poor location. (Recovered in good condition 6/6/55)		1095.549
1.0 T. 77 N., R. 42 W., near W. central sixteenth cor. sec. 24, center of rd. at private rd. W.		1110.0
1.0 SE. corner of field		1106.6
1.4 T. 77 N., R. 42 W., near W. sixteenth corner between secs. 13 and 24, center of rd. at T-rd. W.		1132.6
1.8 T. 77 N., R. 42 W., near W. central sixteenth cor. sec. 13, center of rd. at T-rd. W.		1137.3
2.4 Center of rd. at rd. E., 28 ft S. and 200 ft E. of "65 RC"		1147.6
2.4 Neola, 2.0 mi N. and 0.5 mi W. of, about 0.2 mi E. of cor. secs. 11, 12, 13 and 14; T. 77 N., R. 42 W., 28 ft N. and 200 ft W. of center of rd. at rd. E., 32 ft W. of rd. N. (produced) 6 ft N. and 1 ft E. of fence corner, on the outside of a curve, in concrete post; standard tablet stamped "65 RC 1955 1139"		1139.124
2.4 Reference mark, about 290 ft N. of tablet, 25 ft E. center of rd., on E. end of large pipe culvert; painted square painted "RM" (Water is -6.0 ft -1134.3)		1140.26
2.7 Rd. at crest		1171.7
2.9 T. 77 N., R. 42 W., about 0.2 mi E. of quarter corner between secs. 11 and 12, center of rd. at private rd. W.		1160.0
3.3 T. 77 N., R. 42 W., in the NW. cor. sec. 12, center of rd., at T-rd. W.		1170.5
6.7 T. 77 N., R. 42 W., near cor. secs. 2, 3, 10 and 11, center of rd. at T-rd. N.		1220.5
7.3 T. 77 N., R. 42 W., near quarter corner between secs. 3 and 10, in NE. corner of wooden floor of bridge; copper nail and washer (8.9 ft above water level 6/7/55)		1135.10

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<u>Line 5 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
7.8 Center of crossroads, 32 ft N. and 212 ft E. of "67 RC"		1239.9
7.8 Reference mark, about 120 ft NE. of tablet, 35 ft N. and 100 ft W. of crossroads in S. side of a telephone pole, on the head of a rail spike		1249.42
7.8 Neola, 3.0 mi N. and 2.75 mi W. of, 32 ft S. and 212 ft W. of crossroads, which are near cor. secs. 3, 4, 9 and 10, T. 77 N., R. 42 W., 32 ft S. of the center of the rd. in line with field drive N., 1 ft N. of fence line, in concrete post; standard tablet stamped "67 RC 1955 1250"		1249.560
8.4 T. 77 N., R. 42 W., about 750 ft W. of quarter corner between secs. 4 and 9, center of bridge; copper nail and washer (26 ft above water level 6/7/55)		1078.5
8.6 Center of bridge, about 0.2 mi E. cor. secs. 4, 5, 8 and 9, T. 77 N., R. 42 W. (23.3 ft above water level 6/8/55)		1079.1
9.0 T. 77 N., R. 42 W., near E. sixteenth corner between secs. 5 and 8, center of rd. at T-rd. N.		1129.2
9.3 T. 77 N., R. 42 W., near quarter corner between secs. 5 and 8, center of rd. at drive N.		1202.6
9.8 T. 77 N., R. 42 W., near cor. secs. 5, 6, 7 and 8, center of crossroads		1227.0
10.1 Reference mark, 80 ft E. of tablet, 100 ft E. of center of rd., in W. side of a 12-in. walnut tree, on the head of a rail spike		1272.48
10.1 Neola, 3.5 mi N. and 4.75 mi W. of, near quarter corner between secs. 5 and 6, T. 77 N., R. 42 W., 268 ft S. and 33 ft E. of center of rd. at private drive W., 2 ft N., 33 ft E. and 1.2 ft lower than center of rd. at T-fence E., 2 ft N. and 1 ft W. of corner post at T-fence E., in concrete post; standard tablet stamped "68 RC 1955 1274"		1274.370

LINE 6

FROM NEOLA SOUTH AND EAST TO A POINT NEAR CENTER EAST BORDER (R. E. Carey, 1955; Book CV 676)

	<u>NEOLA QUAD. 85</u>	
0.0 USGS "1095.470" (Described in Line 5.)		1095.549
0.8 T. 77 N., R. 42 W., near quarter corner between secs. 25 and 30; center of N.-S. rd. in line with rd. E.		1107.1
1.5 E.-W. rd. at field drive N.		1164.9
1.7 T. 77 N., R. 42 W., near the center of the NE $\frac{1}{4}$ sec. 36; center of bridge; copper nail and washer (33.8 ft above water level 6/9/55)		1125.0
2.1 T. 77 N., R. 42 W., near E. central sixteenth cor. sec. 36, center of small bridge at drain (7.5 ft above water level 6/9/55)		1128.7
2.5 Ts. 76 and 77 N., R. 42 W., near E. sixteenth corner between secs. 1 and 36, center of rd. at T-rd. E.		1137.4
2.8 Neola, 2.5 mi S. of, 2.5 mi N. and 0.25 mi E. of Bentley, 320 ft N. and 30 ft E. of N. end of bridge which is near E. central sixteenth cor. sec. 1, T. 76 N., R. 42 W., about 200 ft W. of small round spot of timber in field, 1 ft W. of fence line, in concrete post; standard tablet stamped "69 RC 1955 1153"		1152.730

<u>Line 6 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
2.8 Reference mark, 320 ft S. and 20 ft W. of tablet, in NE. corner of wood floor of bridge; copper nail and washer (16.8 ft above water level 6/9/55)		1152.69
3.1 Rd. at E.-W. fence		1174.6
3.3 Field entrance E.		1176.1
3.4 T. 76 N., R. 42 W., near E. sixteenth corner between secs. 12 and 13; center of bridge; copper nail and washer (27.3 ft above water level 6/9/55)		1180.5
3.6 T. 76 N., R. 42 W., near the center of the NE $\frac{1}{4}$ of sec. 12, crown of hill at field drive W.		1268.8
4.2 T. 76 N., R. 42 W., near the center of the SE $\frac{1}{4}$ sec. 12, center of triangle formed by rd. forks at T-rd. N.		1310.0
4.6 T. 76 N., R. 42 W., near quarter corner between secs. 12 and 13, center of rd. at T-rd. W.		1280.6
5.1 T. 76 N., R. 42 W., near the center of sec. 13, center of rd. at drain		1201.3
5.5 Bently, at NW. part of, about 0.2 mi NW $\frac{1}{4}$ corner between secs. 13 and 24, T. 76 N., R. 42 W., 755 ft N. and 32 ft E. of crossroads, at W. edge Bently, 205 ft N. and 32 ft E. of a N-S. road at C. G. W. Railway crossing, 2 ft S. of fence corner in concrete post; standard tablet stamped "70 RC 1955 1271"		1271.12
5.5 Reference mark, 205 ft S. and 32 ft W. of tablet, in the center of C.G.W. Railway crossing; copper nail and washer		1264.19
5.6 Center of crossroads, 755 ft S. and 32 ft W. of "70 RC"		1261.7
5.8 T. 76 N., R. 42 W., in the SE. cor. sec. 13, center of rd. at T-rd. N.		1206.2
6.1 T. 76 N., R. 41 W., about 0.2 mi W. cor. secs. 13, 18, 19 and 24; center of rd. at T-rd. S.		1217.4
6.5 T. 76 N., R. 41 W., near quarter corner between secs. 18 and 19; center of rd. at N.-S. fence line		1156.6
6.8 Center of bridge near E. sixteenth corner between secs. 18 and 19, T. 76 N., R. 41 W., (15.9 ft above water level 6/10/55)		1132.2
7.1 T. 76 N., R. 41 W., near cor. secs. 17, 18, 19 and 20; center of crossroads		1164.4
7.3 Center of bridge, 0.2 mi E. of cor. secs. 17, 18, 19 and 20, T. 76 N., R. 41 W. (18.5 ft above water level 6/10/55)		1151.4
7.6 T. 76 N., R. 41 W., near quarter corner between secs. 17 and 20; center of rd. at T-fence S.		1232.3
8.1 Center of crossroads, 32 ft S. and 580 ft W. of "71 RC"		1282.2
8.3 Bently, 2.5 mi E. of, along County Rd. "C", 32 ft N. and 580 ft E. of crossroads which are near cor. secs. 16, 17, 20 and 21, T. 76 N., R. 41 W., at W. end of a cut bank and 6 in. S. of fence line, in concrete post; standard tablet stamped "71 RC 1955 1277"		1276.973
8.7 T. 76 N., R. 41 W., near quarter corner between secs. 16 and 21, center of rd. at N.-S. fence line		1317.2

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<u>Line 6 (Cont'd)</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
9.2 T. 76 N., R. 41 W., near cor. secs. 15, 16, 21 and 22, P.I. of curve at T-rd. W.		1321.8
9.4 Rd. at fence E.		1325.2
9.6 T. 76 N., R. 41 W., near quarter corner between secs. 15 and 16, near center of curve at rd. NW.		1329.2
10.1 T. 76 N., R. 41 W., near the center of sec. 15, center of rd. at N.-S. fence line		1275.6
10.3 Centerline of bridge, about 950 ft W. of quarter corner between secs. 14 and 15, T. 76 N., R. 41 W. (11.4 ft above water level 6/13/55)		1267.4
10.4 Center of crossroads, near quarter corner between secs. 14 and 15; T. 76 N., R. 41 W., and 32 ft S. and 475 ft W. of "72 RC"		1301.7
10.7 Bently, 0.5 mi N. and 4.5 mi E. of, 6.0 mi S. of Minden along County Rd. "77"; 32 ft N. and 475 ft E. of crossroads (junction County Rds. C and V) which are near quarter corner between secs. 14 and 15; T. 76 N., R. 41 W., 12 ft W. of a telephone pole, 1 ft S. of fence line in concrete post; standard tablet stamped "72 RC 1955 1330"		1329.732
10.8 Reference mark, about 140 ft SE. of tablet, 30 ft S. of center of rd., in top of a 6-in. elm stump; copper nail and washer		1332.35
11.2 T. 76 N., R. 41 W., near the center of sec. 14, center of rd. at T-fence N.		1286.0
11.3 Center of bridge, about 960 ft E. of the center of sec. 14, T. 76 N., R. 41 W. (8.8 ft above water level 6/13/55)		1249.5
11.7 T. 76 N., R. 41 W., near quarter corner between secs. 13 and 14; center of rd. at T-rd. W.		1227.6
12.2 T. 76 N., R. 41 W., near cor. secs. 13, 14, 23 and 24; center of rd. at T-rd. E.		1231.7
13.2 Center of rd. at T-rd. W., near cor. secs. 13, 18, 19 and 24, T. 76 N., Rs. 40 and 41 W., and 482 ft S. and 32 ft W. of "73 RC"		1230.1
13.3 Reference mark, 375 ft S. and 32 ft W. of tablet, in the center of RR. crossing; copper nail and washer		1229.81

LINE 7

FROM NEAR CENTER OF QUADRANGLE, SOUTH TO NEAR CENTER OF SOUTH BORDER (R. E. Carey, 1955; Book CV 676)

NEOLA QUAD. 85

0.0 "70 RC 1955" (described in Line 6.)	1271.123
1.0 T. 76 N., R. 42 W., in the $S\frac{1}{2}$ sec. 24, center of rd. at T-rd. E.	1158.7
1.2 T. 76 N., R. 42 W., near quarter corner between secs. 24 and 25, center of rd. at T-rd. W.	1125.3
1.5 T. 76 N., R. 42 W., about 0.2 mi N. of the center of sec. 25, center of bridge (18.5 ft above water level 6/15/55)	1120.0
1.7 T. 76 N., R. 42 W., near the center of sec. 25, center of triangle formed by rd. forks at T-rd. N.	1128.5

<u>Line 7 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
1.8 T. 76 N., R. 42 W., about 630 ft W. of the center of sec. 25, center of bridge; copper nail and washer (18 ft above water level 6/15/55)		1116.5
2.2 T. 76 N., R. 42 W., near quarter corner between secs. 25 and 26; center of E.-W. rd. in line with T-rd. S.		1176.5
2.7 Center of rd. at E.-W. fence line, 330 ft N. and 32 ft E. of "76 RC"		1114.4
2.8 Bently, 2.0 mi S. and 0.5 mi W. of, 330 ft S. and 32 ft W. of center of rd. at E.-W. fence line which is near cor. secs. 25, 26, 35 and 36; T. 76 N., R. 42 W., 186 ft N. and 32 ft W. of the center of a small wooden bridge, 3 ft N. of a telephone pole, 6 in. E. of fence line, in concrete post; standard tablet stamped "76 RC 1955 1111"		1111.380
2.8 Reference mark, 186 ft S. and 32 ft E. of tablet, in the center of a small wooden bridge, copper nail and washer (4.3 ft above water level 6/16/55)		1111.380
3.5 Center of rd. at private rd. W., about 0.2 mi S $\frac{1}{4}$ corner between secs. 35 and 36; T. 76 N., R. 42 W.		1109.0
3.8 Ts. 75 and 76 N., R. 42 W., near cor. secs. 1, 2, 35 and 36; center of crossroads		1104.8
4.0 Center of bridge, about 0.2 mi S. cor. secs. 1, 2, 35 and 36; Ts. 75 and 76 N., R. 42 W., (22.1 ft above water level 6/16/55)		1102.7
4.2 Rd. at drain near quarter corner between secs. 1 and 2, T. 75 N., R. 42 W., (17.5 ft above water level 6/16/55)		1106.6
4.7 T. 75 N., R. 42 W., near cor. secs. 1, 2, 11 and 12, center of crossroads		1123.2
5.2 Reference mark, 290 ft N. and 46 ft E. of tablet, 15 ft E. of center of rd. on E. end of pipe culvert		1166.7
5.2 Bently, 4.5 mi S. and 0.5 mi W. of, 92 ft S. and 31 ft W. of center of rd. at T-fence E. which is near quarter corner between secs. 11 and 12; T. 75 N., R. 42 W., 5 ft N. of a telephone pole, 1 ft E. of fence line, in concrete post; standard tablet stamped "77 RC 1955 1158"		1157.64
5.7 T. 75 N., R. 42 W., near cor. secs. 11, 12, 13 and 14, center of rd. at drive E.		1175.4
6.2 T. 75 N., R. 42 W., near quarter corner between secs. 13 and 14, center of rd. at T-rd. N.		1239.5
6.9 T. 75 N., R. 42 W., near E. sixteenth corner between secs. 14 and 23, center of Hwys. 92 and 6 at crossroads		1258.6
7.5 T. 75 N., R. 42 W., near E. central sixteenth cor. secs. 23, center of rd. at E.-W. fence line		1247.8
7.9 Reference mark, 80 ft S. of tablet, 30 ft E. of center of rd. in NE. side of a telephone pole, on the head of a rail spike		1235.24
7.9 Bently, 7.0 mi S. and 0.75 mi W. of, 3.0 mi N. and 1.25 mi W. of Traynor, 625 ft N. and 31 ft E. of crossroads, which are near the E. sixteenth cor. secs. 23 and 26; T. 75 N., R. 42 W., 3 ft N. and 1 ft W. of corner fence post of T-fence E., in concrete post; standard tablet stamped "78 RC 1955 1241"		1240.789

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Neola Quad.

85 Iowa

Line 7 Cont'd.NEOLA QUAD. 85Feet

8.0	T. 75 N., R. 42 W., near E. sixteenth cor. secs. 23 and 26, center of crossroads	1224.7
8.5	T. 75 N., R. 42 W., near E. central sixteenth cor. sec. 26, center of rd. at T-fence E.	1163.2
8.6	Center of rd. at T-rd. E. in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 26, T. 75 N., R. 42 W.	1143.1
8.9	T. 75 N., R. 42 W., about 0.1 mi S $\frac{1}{4}$ corner between secs. 25 and 26, center of bridge; copper nail and washer (18.2 ft above water level 6/17/55)	1123.5
9.3	T. 75 N., R. 42 W., near cor. secs. 25, 26, 35 and 36; 18 ft N., 25 ft E. and 1.2 ft lower than center of rd. at T-rd. E. on the N. end of a pipe culvert	1187.14
9.6	T. 75 N., R. 42 W., about 0.15 mi N $\frac{1}{4}$ corner between secs. 35 and 36; center of bridge; copper nail and washer (10.5 ft above water level 6/17/55)	1159.9

LINE 8

WEST ALONG EAST PORTION OF SOUTH BORDER (R. E. Carey, 1955; Book CV 676)

NEOLA QUAD. 85

4.9	Reference mark, 12 ft S. and 213 ft E. of tablet, 20 ft N. and 25 ft E. of crossroads on N. end pipe culvert	1224.43
4.9	Carson, 1.8 mi N. and 4.0 mi W. of, 2.0 mi N. and 6.0 mi E. of Treynor, 32 ft N. and 188 ft W. of crossroads which are near cor. secs. 25, 30, 31 and 36; T. 75 N., R. 40 and 41 W., 3 ft E. of telephone pole, 1 ft S. of farmyard fence, in concrete post; standard tablet stamped "80 RC 1955 1215"	1215.208
5.4	T. 75 N., R. 41 W., near quarter corner between secs. 25 and 36; center of rd. at T-fence S.	1280.0
5.9	T. 75 N., R. 41 W., near cor. secs. 25, 26, 35 and 36; center of rd. at T-fence S.	1224.4
6.2	T. 75 N., R. 41 W., near E. sixteenth cor. between secs. 26 and 35, center of rd. at T-rd. S.	1140.6
6.6	T. 75 N., R. 41 W., near W. sixteenth cor. between secs. 26 and 35; center of bridge over large creek, copper nail and washer (34.5 ft above water level 6/21/55)	1101.8
6.9	T. 75 N., R. 41 W., near cor. secs. 26, 27, 34 and 35; center of crossroads	1110.6
7.2	Rd. at drain, about 0.15 mi E $\frac{1}{4}$ corner between secs. 27 and 34, T. 75 N., R. 41 W., (10.9 ft above water level 6/21/55)	1146.2
7.4	Reference mark, 6 ft S. and 58 ft W. of tablet, 27 ft N. and 12 ft W. of field drive N., on W. end of pipe culvert	1195.64
7.4	Treynor, 2.0 mi N. and 3.5 mi E. of, near quarter corner between secs. 27 and 34, T. 75 N., R. 41 W., 33 ft N. and 46 ft E. of rd. at field drive N., 33 ft N. and 1.9 ft higher than center of rd. at T-fence N., 1 ft N. and 1 ft W. of corner fence post of T-fence N., in concrete post; standard tablet stamped "81 RC 1955 1202"	1201.432
8.0	T. 75 N., R. 41 W., near cor. secs. 27, 28, 33 and 34, center of crossroads	1220.2

<u>Line 8 Cont'd.</u>	<u>NEOLA QUAD. 85</u>	<u>Feet</u>
8.6 T. 75 N., R. 41 W., about 0.1 mi $W\frac{1}{4}$ corner between secs. 28 and 33, center of bridge, nail and washer (25 ft above water level 6/21/55)		1171.9
9.0 T. 74 N., R. 41 W., near cor. secs. 28, 29, 32 and 33; center of crossroads		1254.3
9.3 Center of bridge about 0.2 mi $E\frac{1}{4}$ corner between secs. 29 and 32; T. 75 N., R. 41 W. (26.3 ft above water level 6/21/55)		1164.3
9.5 T. 75 N., R. 41 W., near quarter corner between secs. 29 and 32, center of rd. at N.-S. fence line		1235.0
10.1 Center of rd. at T-rd. S., 30 ft N. and 293 ft E. of '82 RC"		1113.4
10.1 Reference mark, 30 ft N. and 85 ft W. of tablet, in the center of floor of bridge; copper nail and washer painted "RM" (15 ft above water level 6/21/55)		1111.09
10.1 Treynor, 2.0 mi N. and 1.0 mi E. of, 30 ft S. and 293 ft W. of T-rd. S., which is near cor. secs. 29, 30, 31 and 32, T. 75 N., R. 41 W., 30 ft S. and 85 ft E. of the center of bridge over Silver Creek, 1 ft N. of fence line, in concrete post; standard tablet stamped "82 RC 1955 1109"		1108.50
10.4 T. 75 N., R. 41 W., 680 ft E. of quarter corner between secs. 30 and 31; center of rd. at T-fence S.		1186.3
10.5 T. 75 N., R. 41 W., near quarter corner between secs. 30 and 31; center of rd. at N.-S. fence line		1191.2
11.0 T. 75 N., Rs. 41 and 42 W., near cor. secs. 25, 30, 31 and 36; center of crossroads		1164.8
11.4 T. 75 N., R. 42 W., about 0.1 mi $E\frac{1}{4}$ corner between secs. 25 and 36; center of rd. at T-fence S.		1229.8
12.0 Painted square on N. end culvert (described in Line 7)		1187.14

LINE 9

NEAR CENTRAL PORTION OF EAST BORDER (R. E. Carey, 1955; Book CV 676)

NEOLA QUAD. 85

4.1 T. 75 N., Rs. 40 and 41 W., near cor. secs. 1, 6, 7 and 12, center rd. at T-rd. S.	1259.3
4.5 Rd. at private drive S., about 0.1 mi $E\frac{1}{4}$ corner between secs. 1 and 12, T. 75 N., R. 41 W.	1160.6
4.8 T. 75 N., R. 41 W., about 0.2 mi $W\frac{1}{4}$ corner between secs. 1 and 12, center of bridge over Silver Creek; copper nail and washer (25.9 ft above water level 6/23/55)	1124.4
5.0 Carson, 6.0 mi N. and 5.0 mi W. of, 4.0 mi S. and 5.5 mi E. of Bently, 32 ft S. and 203 ft E. of crossroads which are near cor. secs. 1, 2, 11 and 12, T. 75 N., R. 41 W., 1 ft N. and 3 ft W. of the NE. corner of school yard, in concrete post; standard tablet stamped "84 RC 1955 1209"	1209.267
5.0 Reference mark, 66 ft S. and 149 ft W. of tablet, 98 ft S. and 54 ft E. of crossroads, on NW. corner of lower concrete step of schoolhouse; chiseled square	1213.98

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Neola Quad.

85 Iowa

Line 9 Cont'd.NEOLA QUAD. 85Feet

5.1	Center of crossroads, 32 ft N. and 203 ft W. of "84 RC" and near cor. secs. 1, 2, 11 and 12, T. 75 N., R. 41 W.	1213.0
5.5	T. 75 N., R. 41 W., about 0.15 mi S $\frac{1}{4}$ corner between secs. 1 and 2, center of bridge; nail and washer (12.8 ft above water level)	1141.8
6.1	Ts. 75 and 76 N., R. 41 W., near cor. secs. 1, 2, 35 and 36, center of crossroads	1254.5
6.6	T. 76 N., R. 41 W., near quarter corner between secs. 35 and 36; center of rd. at E.-W. fence line	1272.3
7.1	T. 76 N., R. 41 W., near cor. secs. 25, 26, 35 and 36; center of crossroads	1253.8
7.6	Reference mark, about 150 ft NW. of tablet, 30 ft W. of center of rd. and in root on W. side of a 12-in. oak tree; copper nail and washer	1292.31
7.6	Bentley, 1.5 mi S. and 5.5 mi E. of, 312 ft S. and 19 ft E. of T-fence E. which is near quarter corner between secs. 25 and 26, T. 76 N., R. 41 W., 50 ft S. and 19 ft E. of T-fence W., 44 ft N. of a 12-in. elm tree; 1 ft W. of fence line, in concrete post; standard tablet stamped "85 RC 1955 1294"	1293.481
7.7	Center of rd. at T-fence E., 312 ft N. and 19 ft W. of "85 RC" and near quarter cor. between secs. 25 and 26, T. 76 N., R. 41 W.	1276.4
8.2	T. 76 N., R. 41 W., near cor. secs. 23, 24, 25 and 26; center of crossroads	1244.9
8.7	T. 76 N., R. 41 W., near quarter corner between secs. 24 and 25; center of rd. at private drive S.	1278.5
9.2	T. 76 N., Rs. 40 and 41 W., near cor. secs. 19, 24, 25, and 30, center of rd. at T-rd. N.	1261.6
9.7	T. 76 N., Rs. 40 and 41 W. near quarter corner between secs. 19 and 24; center of rd. at E.-W. fence line	1253.6