

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

James City North

JAMES QUADRANGLE

210 - IOWA

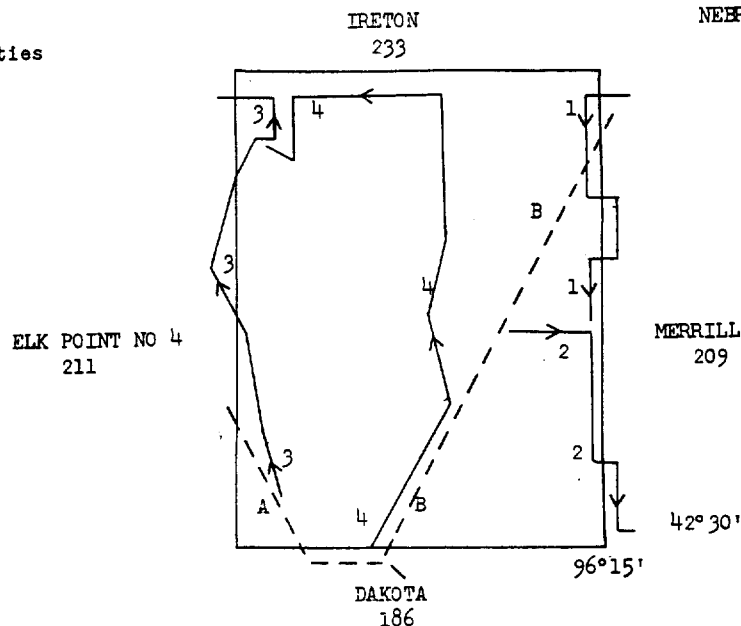
N4230-W9615/15

DIAGRAM NK 14-6, SIOUX CITY,
NEBR., IOWA, SOUTH DAKOTA

Dakota and Plymouth Counties

Edition of 11/23/62

PR: MLC:vdc



USC&GS LEVEL LINES

- A. Sioux City, Iowa to Milam, Minnesota, 1939; Second Order; Line 83
B. Sioux Falls, South Dakota to Sioux City, Iowa, 1948; First Order;
Line No. 84

Feet

LINE 1

SOUTH ALONG NORTH PORTION OF EAST BORDER (W.H. Veatch, 1957; CV 864)

MERRILL QUAD. - 209

- 16.9 Le Mars, 3.7 mi S. along U.S. Highway 75 from intersection with State Highway 5 and 3, thence 0.2 mi W. along Co. Hwy. "A", 500 ft NW. from two story farmhouse, T. 92 N., Rs. 45 & 46 W., 29 ft S., 453 ft W. and 16.8 ft higher than center of rd., at T-rd. N., at approx. cor. of sec. 25, 30, 31 and 36; 2 ft N., 2 ft W. of power pole and 2 ft N. of fence line; in a concrete post; a standard tablet stamped "31 WHV 1957" 1228.224
- 17.3 UE 31 A, 0.5 mi W. of tablet, along Co. Rd. "A", T. 92 N., R. 46 W., near $\frac{1}{4}$ cor. between secs. 25 and 36; center of rd. at T-rd. N.; to farmhouse 1273.6
- 17.8 UE 31 B, 0.9 mi W. of tablet; along Co. Rd. "A", T. 92 N., R. 46 W., at cor. of secs. 25, 26, 35 and 36; 54 ft S., 30 ft W. and 5.7 ft lower than center of crossroads, a RR. spike in N. side of power pole; projecting 6-in. above ground 1229.53
- 18.4 UE 31 C, 1.5 mi W. of tablet; along Co. Rd. "A" top of the E. rail at center of E.-W. sec.-line rd. crossing the Great Northern RR. 1187.8

JAMES QUAD. - 210

- 18.8 Reference mark, 202 ft W. of tablet; 29 ft N., 17 ft W. from center of crossroads; on the W. end of a 24-in. steel pipe culvert; a punched hole 1204.22
- 18.8 Le Mars, 3.7 mi S. along U.S. Hwy. 75 from the intersection with State Hwy. 5 and 3; thence 2.2 mi W. along Co. rd "A" T. 92 N., R. 46 W., 34 ft N., 185 ft E. and 4.9 ft lower than center of rd. at T-rd. S. at approx. cor. of secs. 26, 27, 34 and 35, about 0.1 mi W. from center of sec.-line rd. crossing the Chicago, North Western RR., 2 ft W. from telephone pole, 1 ft S. of fence line; in a concrete post; a standard tablet stamped "32 WHV 1957 1203" 1203.285

210 A

<u>JAMES QUAD. - 210</u>		<u>Feet</u>
<u>LINE 1 (Cont'd)</u>		
19.8	UE 32 A, 1.0 mi S. of tablet, along Co. Rd. "T", Tps. 91 and 92 N., R. 46 W., at cor. of secs. 2, 3, 34 and 35; 130 ft S., 13 ft W. and 0.9 ft higher than center of rd., at T-rd. W., on the NW. corner of concrete foundation at bridge over creek; (14.8 ft above bottom of drain); a chiseled square	1201.52
20.5	UE 32 B, 1.7 mi S. of tablet; along Co. Rd. "T" at the N. edge of the city limits at Merrill, 9 ft N., 21 ft W. and 0.4 ft lower than center of rd. at T-rd. W.; on the N. end of a 24-in. steel pipe culvert; a punched hole	1202.9
21.1	UE 32 C, 2.4 mi S. of tablet; along Co. Rd. "T" top of E. rail at center of E.-W. sec.-line rd. crossing the Chicago, St. Paul, Minneapolis and Omaha RR.	1175.1

<u>MERRILL QUAD. - 209</u>		
21.5	Reference mark, 293 ft W. of tablet; at the W. end of the concrete bridge over Floyd River, on the S. end of the W. concrete abutment, about 4.0 ft lower than center of hwy., a chiseled square	1175.32
21.5	Merrill, 0.4 mi E. of, along Co. Hwy. "M" from intersection with U.S. Hwy. 75, at E. end of concrete bridge over Floyd River, (0.9 ft higher than center of bridge), 11 ft S. from center of Hwy., on the SE. corner of the retaining wall, a standard tablet stamped "33 WHV 1957 1179"	1179.265
21.8	UE 33 A, 0.3 mi E. of tablet, along blacktop rd., center of hwy. at T-rd. S.; on top of $\frac{1}{2}$ -in. iron rod, flush with rd.	1172.76
22.6	UE 33 B, 0.3 mi E. along blacktop rd., thence 0.7 mi S. along gravel rd. from tablet; 12 ft N., 24 ft E. and 2.9 ft lower than center of rd. at T-rd. W.; on the N. end of a 24-in. steel pipe culvert; a punched hole	1180.0
23.3	UE 33 C, 0.3 mi E. along blacktop rd., thence 1.5 mi S. along gravel rd. from tablet; T. 91 N.; R. 46 W., at $\frac{1}{4}$ cor. between secs. 13 and 14; center of rd. opposite cross fences	1211.6
23.8	UE 33 D, 0.3 mi E. along blacktop rd., thence 2.0 mi S. along gravel rd. from tablet; T. 91 N., R. 46 W., at cor. of secs. 13, 14, 23 and 24; 22 ft N., 19 ft W. and 2.9 ft lower than center of crossroads; on the W. end of a 24-in. steel pipe culvert; a punched hole	1202.8
24.5	UE 33 D, 0.3 mi E. along blacktop rd. thence 2.0 mi S. and 0.8 mi W. along gravel rd. from tablet; T. 91 N., R. 46 W., near $\frac{1}{4}$ cor. between secs. 14 and 23, 33 ft N., 33 ft W. and 3.1 ft lower than center of rd. at T-rd. N. and fence line W; a RR. spike in S. side of power pole, projecting 6-in. above ground	1166.36

<u>JAMES QUAD. - 210</u>		
25.3	Reference mark, 500 ft NE. of tablet; 10 ft S. and 1.8 ft higher than center of bridge over creek, in center of W. headway of concrete culvert; a chiseled square; (6.1 ft above bottom of drain)	1166.32
25.3	Merrill, 2.6 mi S. of, 4.0 mi N. and 2.0 mi E. of Hinton, T. 91 N., R. 46 W., 0.3 mi N. from cor. of secs. 22, 23, 26 and 27, 500 ft SW. and 0.5 ft higher than center of concrete bridge over creek; 548 ft SW. from private driveway E. to farmhouse, 28 ft W. from center of rd. at angle in rd. S. and NE., 2 ft E. of a power pole and fence line, in a concrete post; a standard tablet stamped "34 WHV 1957 1168"	1168.599
25.6	UE 34 A, 0.3 mi S. of tablet; along gravel rd., T. 91 N., R. 46 W., at cor. of secs. 22, 23, 26 and 27, 1 ft N. and 33 ft W. and 0.2 ft lower than center of rd. opposite cross fences, a RR. spike in E. side of power pole; projecting 1 ft above ground	1171.17
26.1	UE 34 B, 0.8 mi S. of tablet, along gravel rd., T. 91 N., R. 46 W., at $\frac{1}{4}$ cor. secs. 26 and 27, center of rd. opposite T-fence E.;	1181.8

<u>Line 1 (Cont'd)</u>	<u>JAMES QUAD. - 210</u>	<u>Feet</u>
26.6 UE 34 C, 1.3 mi S. of tablet; along gravel rd., T. 91 N., R. 46 W., at cor. of secs. 26 and 27, 34 and 35; 33 ft S., 33 ft W. and 4.7 ft lower than center of crossroads; a RR. spike in E. side of fence corner post, projecting 6-in. above ground		1230.14
27.1 UE 34 D, 1.8 mi S. of tablet; along gravel rd., T. 91 N., R. 46 W., at $\frac{1}{4}$ cor. between secs. 34 and 35; center of rd. at T-rd. E.		1229.4
27.6 UE 34 E, 2.3 mi S. of tablet; along gravel rd., Tps. 90 & 91 N., R. 46 W., at cor. secs. 2, 3, 34 and 35; 28 ft S., 18 ft E. and 3.0 ft lower than center of crossroads, on the E. end of a 24-in. steel pipe culvert; a punched hole		1237.1
28.1 UE 34 F, 2.8 mi S. of tablet, along gravel rd., T. 90 N., R. 46 W., near $\frac{1}{4}$ cor. between secs. 2 and 3, center of a small wooden bridge over creek, (6.2 ft above bottom of drain) a copper nail and washer		1173.27
28.8 Hinton, 2.5 mi NE. from along Co. Hwy. "L" from intersection with U.S. Hwy. 75, about 0.2 mi E. and 0.1 mi S. from center schoolhouse, T. 90 N., R. 46 W., 586 ft S., 36 ft W. and 28.9 ft higher than center of Co. Hwy. "L" at crossroads, at approx. cor. of secs. 2, 3, 10 and 11, 462 ft N., NE. of NE. corner of red granary, 45 ft S. and 36 ft W. of center of N.-S. rd., at field rd. SW., 29 ft S. of center of wire gate, 3 ft N. of power pole and under fence line; in a concrete post, a standard tablet stamped "32 EV 1957 1249 ft"		1248.4 ⁹ ₄

LINE 2

SOUTH ALONG SOUTH PORTION OF EAST BORDER (J.A. Evans, 1957; CV 866)

	<u>JAMES QUAD. - 210</u>	
0.0 Hinton at, about 125 yds. N. of the C., St. P. M. and O. RR. station; 48.6 ft W. of the W. rail of the C., St. P., M. & O. RR., 46 ft E. of the E. rail of the I.C. RR., 31.7 ft E. of the E. rail of the E. side track and 2 ft W. of the right-of-way fence; a WSC&GS standard disk stamped "H 15 1934" and set in the top of a concrete post projecting about 3-in. above ground.		1145.828
0.6 UE, 0.5 mi E. along Co. Hwy. "L" from tablet; at Hinton, T. 90 N., R. 46 W., near approx. center of sec. 9, 15 ft N., 100 ft E. and 0.6 ft higher than center of concrete bridge with steel rail over Floyd River, in top of NE. end of NE. wingwall of bridge a chiseled square		1144.37
1.1 UE, 1.0 mi E. along Co. Hwy. "L" from disk at Hinton, T. 90 N., R. 46 W., 30 ft N., 24 ft W. and 1.2 ft lower than center of rd. at Trd. W.; and point of intersection of Co. Hwy. "L" to N. and W., at approx. $\frac{1}{4}$ cor. between secs. 9 and 10, in center of top of NE. headwall of concrete bridge; a chiseled square		1168.68
1.5 UE 1176 1, 1.0 mi E. and 0.45 mi N. along Co. Hwy. "L" from disk at Hinton, T. 90 N., R. 46 W., about 420 ft S. of approx. corner of secs. 3, 4, 10 and 9, 342 ft S. along center of rd., 15 ft normal to and on E. side of hwy. and 5.7 ft lower than center of Co. Hwy. "L" at private rd. fork NW.; in top of center of E. headwall of concrete culvert; a chiseled square		1176.11
2.0 UE, 1.5 mi E. and 0.5 mi N. along Co. Hwy. "L" from disk at Hinton, T. 90 N., R. 46 W., at approx. $\frac{1}{4}$ cor. between secs. 3 and 11, center of Co. Hwy. "L" at field line S.; a copper nail and washer in blacktop rd.		1194.31
2.5 Reference mark, 553 ft N. of tablet; 32 ft S. and 68 ft W. of center of crossroads; in base of W. side of high voltage power pole, a RR. spike		1221.08
Hinton, 2.5 mi NE. from along Co. Hwy. "L" from intersection with U.S. Hwy. 75; about 0.2 mi E. and 0.1 mi S. from center of schoolhouse, T. 90 N., R. 46 W., 586 ft S., 36 ft W. and 28.9 ft higher than center of Co. Hwy. "L" at crossroads, at approx. corner of secs. 2, 3, 10 and 11, 462 ft N.-NE. of NE. corner of red granary, 45 ft S. and 36 ft W. of center of N.-S. rd. at field rd. SW.; 29 ft S. of center of wire gate, 3 ft N. of power pole and under fence line; in a concrete post; a standard tablet stamped "32 EV 1957 1249"		1248.494

JAMES QUAD. - 210		Feet
<u>LINE 2 (Cont'd)</u>		
3.0 UE, 0.4 mi S. along N.-S. sec.-line gravel rd. from tablet; T. 90 N., R. 46 W., at approx. quarter cor. between secs. 10 and 11, center of rd. at fenceline W. and field line E.		1285.9
3.5 UE, 0.9 mi S. along gravel N.-S. sec.-line rd. from tablet; T. 90 N., R. 46 W., 30 ft S., 27 ft W. and same elev. as center of crossroads at approx. corner of secs. 10, 11, 14 and 15; in base of N. side of telephone pole; a RR. spike		1289.30
4.0 UE, 1.4 mi S. along N.-S. sec.-line gravel rd. from tablet; T. 90 N., R. 46 W., at approx. $\frac{1}{4}$ cor. between secs. 14 and 15; center of rd. at fence lines E.-W.		1299.8
4.5 UE, 1.9 mi S. along N.-S. gravel sec.-line rd. from tablet; T. 90 N., R. 56 W., 111 ft S., 118 ft E. and 1.3 ft higher than center of crossroads; at approx. cor. of secs. 14, 15, 22 and 23; in base of concrete foundation, at NW. corner of cyclone fence around an R.E.A. power substation; a chiseled square		1296.84
5.0 US, 2.4 mi S. along N.-S. gravel sec.-line rd. from tablet; T. 90 N., R. 46 W., at approx. quarter cor. between secs. 22 and 23, center of rd. at fence lines E.-W.		1304.6
5.4 Reference mark, 83 ft SW. of tablet; 62 ft W. of center of rd., in root at base of NE. side of a 24-in. box elder tree, a copper nail and washer		1253.50
5.4 Hinton, 2.5 mi S and 2.0 mi E. from, T. 90 N., R. 46 W., 380 ft N., 32 ft W. and 10.8 ft higher than center of crossroads; at approx. corner of secs. 22, 23, 26 and 27, 4 ft S. and 97 ft W. of NW. corner of farm home of Donald Junck, 349 ft N. of corner post of fences N.-W.; 102 ft N. of center of wire gate, 3 ft S. and 1 ft W. of center of power pole with transformer and 0.5 ft W. of fence line; in a concrete post; a standard tablet stamped "33 EV 1957 1256"		1255.781
6.0 UE, 0.6 mi S. along N.-S. sec.-line gravel rd. from tablet; T. 90 N., R. 46 W., at approx. quarter cor. between secs. 26 and 27, center of rd. at fence lines E.-W.;		1246.2
6.5 UE, 1.1 mi S. along N.-S. gravel sec.-line rd. from tablet; T. 90 N., R. 46 W., 29 ft S., 21 ft E. and 2.9 ft lower than center of Co. Hwy. "J" at crossroads, at approx. corner of secs. 26, 27, 34 and 35, in top of E. end of concrete culvert about 24-in. in diameter, a chiseled square		1306.15
7.0 UE, 1.6 mi S. along N.-S. gravel sec.-line rd. from tablet; T. 90 N., R. 46 W., at approx. quarter cor. between secs. 34 and 35; center of crossroads (rd. E. is private rd.)		1321.3
7.5 UE, 2.1 mi S. along N.-S. sec.-line gravel rd. from tablet; Tps. 89 and 90 N., R. 46 W., 115 ft S., 36 ft W. and 4.6 ft lower than center of rd. at T-rd. E.; on Plymouth-Woodbury County lines, at approx. cor. of secs. 2, 3, 34 and 35; in base of N. side of a 24-in. cottonwood tree; a RR. spike		1344.97
8.0 UE, 2.6 mi S. along N.-S. sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., at approx. quarter cor. between secs. 2 and 3; center of rd. at fence lines E.-W.		1309.2
8.6 Reference mark, 63 ft N.-NW. of tablet; 31 ft N. of center of the rd. and 36 ft E. of center of private driveway N., in root at base of SE. side of a 30-in. elm tree; a copper nail and washer		1259.16
8.6 Hinton, 5.5 mi S. and 2.1 mi E. from, 4.75 mi N. and 3.4 mi W. of Lawton, T. 89 N., R. 46 W., 28 ft S., 620 ft E. and 42.0 ft lower than center of rd. at T-rd. N.; at approx. cor. of secs. 2, 3, 10 and 11, 146 ft S. and 32 ft W. of SW. corner of porch on Lowell E. farm home, 28 ft S. and 50 ft E. of center of rd. at private driveway N., 47 ft W. of center of wire gate and farm rd. leading S., 1 ft N. and 2 ft W. of telephone pole; and 1 ft N. of fence line, in a concrete post; a standard tablet stamped "34 EV 1957 1255"		1255.085

<u>Line 2 (Cont'd)</u>		<u>MERRILL QUAD. - 209</u>	<u>Feet</u>
9.0	UE, 0.4 mi E. along E.-W. sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., at approx. quarter cor. between secs. 2 and 11, center of rd. at fence lines N.-S.		1298.9
9.5	UE, 0.9 mi E. of along E.-W. sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., 27 ft S., 24 ft W. and 1.2 ft lower than center of crossroads at approx. corner of secs. 1, 2, 11 and 12, in top of W. end of corrugated steel culvert; about 24-in. in diameter, a painted square		1287.27
9.9	UE, 0.9 mi E. along E.-W. sec.-line gravel rd., thence 0.5 mi S. along N.-S. section-line gravel rd. from tablet; T. 89 N., R. 46 W., at approx. $\frac{1}{4}$ cor. between secs. 11 and 12, center of rd. at fence lines E.-W.		1267.6
10.4	Lawton, 2.8 mi N. and 2.5 mi W. from, T. 89 N., R. 46 W., 299 ft N., 32 ft W. and 25.4 ft higher than center of crossroads at approx. corner of secs. 11, 12, 13 and 14; 267 ft N. of corner post of fences N.-W.; 128 ft N. of center of gate into field, on S. slope of hill, 4 ft S. and 4 ft W. of telephone pole and 1 ft E. of fence line; in concrete post; a standard tablet stamped "35 EV 1957 1253"		1253.226
10.4	Reference mark, 281 ft S. of tablet; 22 ft N. and 30 ft W. of crossroads; in top of N. end of corrugated steel 30-in. pipe culvert; a painted square		1225.4
10.9	UE, 0.55 mi S. along sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., 65 ft N., 13 ft W. and 1.1 ft higher than center of rd. at fence lines E. and W.; at approx. $\frac{1}{4}$ cor. between secs. 13 and 14, 35 ft S., 13 ft W. and 0.3 ft higher than center of small steel bridge over Whiskey Creek, in top of piling at SW. wingwall of bridge; a copper nail and washer		1173.94
11.4	UE, 1.05 mi N. along sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., 22 ft N., 26 ft W. and 7.4 ft lower than center of crossroads; at approx. corner of secs. 13, 14, 23 and 24, in top of NW. end of a 24-in. concrete pipe culvert; a chiseled square		1165.47
11.9	UE, 1.55 mi S. along sec.-line gravel rd. from tablet; T. 89 N., R. 46 W., at approx. $\frac{1}{4}$ cor. between secs. 23 and 24; center of rd. at fence line E.		1163.8
12.4	Reference mark, 163 ft SW. of tablet; 55 ft S. and 123 ft E. of center of crossroads; in base of W. side of a 24-in. cottonwood tree, a copper nail and washer		1203.83
12.4	Lawton, 1.75 mi N. and 2.5 mi W. from, T. 89 N., R. 46 W., 32 ft N., 262 ft E. and 5.2 ft higher than center of crossroads at approx. corner of secs. 23, 24, 25 and 26, 32 ft N. and 12 ft E. of center of rd at fence line S., opposite NE. corner of grove of trees, 3 ft W. of power pole and 1 ft S. of woven wire fence; in concrete post; a standard tablet stamped "36 EV 1957 1204"		1203.823

LINE 3

NORTH ALONG WEST BORDER (R.W. Sidle, 1962; CV 1484)

JAMES QUAD. - 210

1 3	0.0	Riverside at; 0.4 mi S. along U.S. Hwy. 77 from post office, 0.2 mi W. along gravel rd. at Big Sioux Power Plant, in SE. end of concrete wall between 2 water intakes on SE. side of plant, 20.2 ft W. of SE. end of wire mesh guard fence; 1.9 ft NW. of SE. end of wall a USC&GS standard disk stamped "D 146 1948"	1098.626
	0.9	UE, 0.1 mi E. of Riverside post office at RR. crossing and hwy., 20-in. E. of E. rail in 9-in. wooden tie at NE. cor. of crossing, copper nail and washer; painted	1116.29
4	1.6	UE, 0.7 mi N. along Hwy. 12 from Riverside; 84 ft S. of T-drive E.; 24 ft E. of center of N.-S. rd., center of E. headwall of culvert; "I.H.C. B.M.: copper plug set flush;	1111.26
5	3.0	UE, Riverside, 2.1 mi N. of; along State Hwy. 12; 69 ft N. of private drive E., 22 ft E. of center of hwy. 6 from N. end of E. headwall of 10 x 10 ft concrete culvert; chiseled square; painted	1105.83

		JAMES QUAD. - 210	Feet
<u>LINE 3 (Cont'd)</u>			
1 6 3.4	Riverside, 0.1 mi E. of post office; thence 2.4 mi N. along State Hwy. 12; at W. entrance of Stone Park, 6.8 ft N. of SE. corner of N. entrance post; 1.3 ft E. of E. side of wall, in concrete post; projecting 6-in. above ground; a standard tablet stamped "1 RS 1962"		1104.528
7 3.4	Reference mark, 52.3 ft SE. of tablet; 30.3 ft SE. of NE. corner of S. entrance post; in root on NW side of 16-in. walnut tree; copper nail and washer; painted		1106.63
8 4.1	UE, 0.76 mi N. along State Hwy. 12 from tablet; 100 ft N. of private drive E.; 25 ft E. of center of hwy.; center of E. headwall of cattle underpass, copper plug marked "I.H.C. BM" painted		1126.28
9 5.2	UE, 1.8 mi N. along State Hwy. 12 from; about 90 yds. N. of large tree at fence corner; 24 ft E. of center of rd.; 4 ft N. of white post; on E. headwall of cattle underpass; copper plug stamped "I.H.C. BM"		1105.16
10 6.6	Reference mark, Riverside; 0.1 mi E. of post office at; thence 5.7 mi N. along State Hwy. 12; 167.5 ft S. of "2 R S", 142 ft S. of T-rd. E.; center of E. headwall of culvert; a copper plug stamped "I.H.C. BM" painted		1115.05
11 6.6	Riverside, 0.1 mi E. of post office at; thence 5.7 mi N. along State Hwy. 12; near the center of sec. 22; T. 90 N., R. 48 W., 72.5 ft NE. of center of hwy. at a T-rd. E.; 68 ft E. of center of Hwy., 2 ft N. of a telephone pole; 1 ft W. of right-of-way fence; in a concrete post; projecting 6-in. above ground; a standard tablet stamped "2 RS 1962" painted		1113.496
12 7.6	UE, 1.0 mi N. along hwy. 12 from tablet; 22 ft E. of center of hwy., 3.5 mi N. of white post, center of headwall of 3 x 4 ft concrete culvert; a copper plug marked "I.H.C. BM" painted		1138.93
<u>ELK POINT # 4 - 211</u>			
13 8.6	UE, 2.0 mi N. along Hwy. 12 from tablet; 280 ft N. of a crossroad; 14.7 ft E. of center of hwy., in SE. bridge curb, set flush a copper plug marked "I.H.C. BM" painted		1115.08
14 9.2	Riverside, 0.1 mi E. of post office at; thence 8.2 mi N. along hwy. 12; in sec. 4, T. 91 N., R. 48 W., about 308 yds. N. of a T-rd. E.; 115 ft SW. of SW. corner of a barn, 65 ft E. of center of hwy. 12; 4 ft NW. of fence corner; 18-in. E. of right-of-way fence; in a concrete post; projecting 3-in. above ground; a standard tablet stamped "3 RS 1962"		1133.304
9.2	Reference mark, 128 ft NE. of tablet; 12.1 ft NW. of SW. corner of barn, 3.4 ft W. of W. wall of barn; 0.6 ft NE. from SW. corner of concrete ramp; a chiseled square; painted		1130.48
15 10.2	UE, 0.9 mi NE. along blacktop rd. from tablet; 61 ft SW. of drive NW., 10 ft NW. of center of rd.; in NW. headwall of bridge; at SW. end of bridge; 1 ft from SW. end of headwall; a chiseled square		1129.74
<u>JAMES QUAD. - 210</u>			
16 11.0	UE, 1.7 mi NE. along a blacktop rd. from tablet; 590 ft S. of private drive E., 17 ft E. of center of rd., on the N. end of the E. headwall of a 5 x 6 ft concrete culvert; a chiseled square; painted		1135.75
18 12.3	Riverside, 8.0 mi N. along State Hwy. 12; thence 3.0 mi NE. along Co. Hwy. "W" near the center of sec. 27; T. 91 N., R. 48 W., 111 ft E. and 96 ft N. of a T-rd. E.; 4 ft W. and 1 ft N. of NW. corner of a porch of white 2 story house; in a concrete post; flush with the ground, a standard tablet stamped "4 RS 1962" painted		1142.703
19 12.4	Reference mark, 245 ft NW. of tablet; 12 ft E. of center of rd.; 2 ft N. of N. end of bridge; in top of NE. wingwall of bridge; a chiseled square; painted		1142.24

LINE 3 (Cont'd)

JAMES QUAD. - 210

Feet

- 1 20 13.4 UE, 1.0 mi NE. along blacktop rd. from tablet; 130 ft S. and 26 ft E. of crossroads; in S. end of E. headwall of 5 x 6 ft concrete culvert; 3.5 in. from S. end, a chiseled square; painted 1157.05
- 23 14.4 UE, 2.1 mi NE. along blacktop rd. from tablet; 40 ft S. and 21 ft E. of center of crossroad; on W. end of tile culvert; 2-in. from W. end, a chiseled square; painted 1173.75
- 25 15.6 Reference mark, 125 ft SE. of tablet; 33 ft S. and 20 ft W. of T-rd. E.; W. end of 3.5 ft cement tile; 1 ft from W. end of culvert; chiseled square; painted 1178.59
- 26 15.6 Westfield, 6.5 mi E. and 3.0 mi S. of; at the center of sec. 11; T. 91 N., R. 48 W., 127 ft W. and 7 ft S. of a Trd. E.; 1 ft N. of E.-W. fence; in a concrete post; projecting 6-in. above ground; a standard disk stamped "5 RS 1962" 1179.234
- 27 16.6 UE, 1.0 mi NE. of tablet; 51 ft S. of powerline pole; 24 ft E. of center of rd. on E. end of culvert; 2 in. from E. end; a chiseled square; painted 1188.75
- 29 17.7 UE, 0.9 mi E. from tablet; along gravel rd., 219 ft W. of N.-S. fence; 19 ft N. of center of rd.; N. end of metal culvert; a chiseled square; painted 1315.95

ELK POINT # 4 - 211

- 31 18.6 Westfield, 5.5 mi E and 1.5 mi S. of; between secs. 3 and 34; T. 92 N., R. 48 W., 60 ft S. of center of E.-W. rd., along quarter sec. fence; 24 ft S. of fence corner; post; 18-in. W. of fence; in concrete post; projecting 5-in. above ground; a standard tablet stamped "6 RS 1962" 1327.757
- 34 19.2 UE, 1.1 mi W. on gravel rd. from tablet; 138 ft W. from center of rd. at fence S.; 17 ft S. of center of E.-W. rd. on S. end of metal culvert; chiseled square; painted 1393.31

LINE 4

NORTH THRU CENTER OF QUAD. THENCE WEST. ALONG NORTH BORDER (R.W. Sidle, 1962; CV 1484)

DAKOTA QUAD. - 186

- 2 2 0.0 Sioux City, at the SW. corner of 6th and Douglas Streets, 55.4 ft W. of the W. curb of Douglas Street, 24.5 ft S. of the S. curb of Sixth Street, at the post office, in the triangular exposure of the concrete foundation at the NE. corner of the bldg., and about 4-in. under ground, a USC&GS disk stamped "1110.697 Sioux City 1933" 1110.697
- 1.0 UE, Sioux City, 4 blocks S. and 8 blocks E. from post office at 25.5 ft SE. of intersection of 3rd and Wall Street Overpass, 0.7 in. from NE. corner of concrete base of E. leg of overpass support on top of base; a chiseled square 1104.27
- 3 2.1 UE, 1.4 mi E. of tablet; at intersection of Hwy. 75 and 7th St. 50.4 ft SE. of intersection 2.4 ft N. of N. edge of sidewalk; in concrete base of traffic signal; 4.5 in. from SW. corner of base; a chiseled square; painted 1104.60

JAMES QUAD. - 210

- 4 3.2 ~~Sioux~~ City at; 1.8 mi N. along U.S. Hwy. 75 from the intersection of Hwys. 75 and 20; about 60 yards S. of SW. corner of the Lampost Cafe, 42 ft E. of center of 4 lane Hwy. 75; 2 ft E. of a power pole; in a concrete post; 4-in. above ground, a standard tablet stamped "15 RS 1962" painted 1116.081
- 5 4.1 UE, 1.0 mi N. of tablet; along Hwy. 75 about 115 yards S. of entrance to United Buckingham truck lines garage, about 22 yards N. of the N. entrance to Sioux City Bowl, 36.5 ft E. of center of Hwy. 75; 31.6 ft SW. of a sewer manhole; on the E. headwall of a concrete culvert; 2-in. N. of a dpper plug, a chiseled square 1107.58

LINE 4 (Cont'd)

- 2 6 5.3 UE, 2.1 mi N. along hwy. 75 from tablet; 65.5 ft E. of intersection of Hwy. 75 and 41 st Streets, 25.8 ft SW. of W. pole of a double pole power line; 9 in. from NW. corner of concrete water manhole cover; a chiseled square; painted 1112.96
- 7 6.2 Sioux City, 4.8 mi N. along U.S. Hwy. 75 from the intersection of U.S. Hwys. 75 and 20; in the NE. corner of sec. 1; T. 89 N., R. 47 W., 25.4 ft W. of center of Southbound lane of hwy. 75, in W. headwall of 12 x 6 ft. concrete culvert; 3.4 ft S. of a copper plug, 6-in. from S. end of headwall projecting 0.25 in. above the headwall; a standard tablet stamped "16 RS 1962" 1122.730
- 8 7.1 UE, 0.9 mi N. along hwy. 75 from tablet; about 78 yards S. of intersection of south-bound lane of hwy. 75 and an E.-W. gravel rd.; 15.6 ft W. of center of S. bound lane of hwy. 75; in W. curb of a concrete bridge; 5-in. from E. edge of curb; in line with the intersection of the headwall and the wingwall; a chiseled square; painted 1121.54
- 9 8.3 UE, 1.0 mi N., thence 1.0 mi NW. from tablet; about 47 yards NW. along a gravel rd. from the SW. corner of a red barn, 20 ft S. of a woven wire pig lot fence; 14 ft N. of center of rd.; 5-in. from N. end of a metal culvert; a chiseled square; 1187.77
- 11 9.1 Sioux City, 5.8 mi N. along hwy. 75 thence 1.9 mi NW. along a gravel rd., center of line between secs. 26 and 35; T. 90 N., R. 47 W., 65 ft W. of a fence corner of T-fence N., 1.2 ft S. of E.-W. fence line; in concrete post; projecting 4-in. above ground; a standard tablet stamped "17 RS 1962" 1335.608
- 14 10.3 UE, 1.1 mi W. from 117 RS; along a gravel rd., about 55 yards E. from a T-fence N., about 20 yards W. from a T-fence NW., 25 ft S. of the center of an E.-W. gravel rd., 5-in. from the S. end of a 6 ft metal culvert; a chiseled square; painted 1247.84
- 15 11.1 UE, 1.0 mi S. from 18 RS; along hwy. 7; 44 ft N. of intersection of hwy. 7 and private drive E.; 13 ft E. of center of hwy. 7 in the SE. wingwall of the bridge; a chiseled square; painted 1170.60
- 16 12.1 Sioux City, 6.7 mi N. along hwy. 7 from the intersection of hwy. 7 and interstate 29; in sec. 22, T. 90 N., R. 47 W., 72 ft SW. of a reference mark, 52 ft W. of the center of hwy. 7, between 2 poles of a double pole power line; 3.2 ft S. of a fence corner; 1.7 ft W. of a N.-S. fence line; in a concrete post; projecting 4-in. above the ground, a standard tablet stamped "18 RS 1962" painted 1200.868
- 18 12.1 Referencemark, 72 ft E. of tablet; 13.5 ft E. of center of hwy. 7; in the center of the E. headwall of a 4 x 7 ft concrete culvert; a chiseled cross; painted 1203.65
- 19 13.2 UE, 1.0 mi N. along hwy. 7 from tablet; 27 ft S. of a telephone 26.6 ft W. of center of Hwy. 7; in top of a concrete drop inlet, 10-in. from the NW. corner; a chiseled square; painted 1218.78
- 20 14.3 UE, 2.1 mi N. along hwy. 7 from tablet; about 111 yards N. of the intersection of hwy. 2 and a gravel rd. E.; 27 ft E. of center of hwy. 7; in the E. headwall of a concrete culvert; about 6 ft below the rd. level; a chiseled square; painted 1219.26
- 21 15.1 Sioux City, 9.7 mi N. along hwy. 7 from the intersection of hwy. 7 and interstate 29; in the NE. corner of sec. 10, T. 90 N., R. 47 W., approx. 185 yds. S. of intersection of hwy. 7 and E.-W gravel rd.; 13.9 ft W. of center of Hwy. 7; in NW. wingwall of bridge curb; in center of corner of wingwall; set flush; a standard tablet stamped "19 RS 1962" 1246.519
- 22 16.0 UE, 1.0 mi N. of tablet; 14.7 ft W. of center of Hwy. 7, in the center of the W. abutment of a 4 x 4 ft concrete culvert; a chiseled cross; painted 1253.93
- 23 17.2 UE, 2.1 mi N. of tablet; approx. 32 yards N. of intersection of hwy. 7 and a T-rd. E.; approx. 23 yards N. of hwy. 7 at T-rd. W.; 19 ft W. of center of hwy. 7, 5.4 ft S. of a round white post, in W. headwall of a 4 x 4 ft concrete culvert; approx. 2 ft below the rd. level; a chiseled square; painted 1265.35

<u>LINE 4 (Cont'd)</u>		<u>JAMES QUAD. - 210</u>	<u>Feet</u>
2 24 18.0	Sioux City, 12.6 mi N. along hwy. 7 from the intersection of hwy. 7 and interstate 29; in the NW. corner of section 27; T. 91 N., R. 47 W., 30 ft N. along hwy. 7 from the center of a private entrance to SW. Kororna farm; 13.9 ft W. of center of Hwy. 7; in SW. wingwall of a bridge; 3.7 ft W. of W. side of W. bridge curb; 1.5 ft N. of bridge; guard rail; in the center of the angle of the wingwall; set flush a standard tablet stamped "20 RS 1962" painted		1281.087
25 19.0	UE, 1.0 mi N. from tablet; along hwy. 7; approx. 31 yards S. of a private drive E.; 22.6 ft E. of center of Hwy. 7; on E. headwall of an 8 x 10 ft concrete culvert; in center of headwall; a copper plug marked "I.H.C. BM" painted		1300.34
26 20.2	Sioux City, 14.8 mi N. along hwy. 7 from the intersection of hwy. 7 and interstate 29; in the NE. corner of sec. 15; T. 91 N., R. 47 W., 164 ft S. of reference mark 50 ft W. and 33 ft S. of the intersection of hwy. 7 and an E.-W. gravel rd., 23.5 ft W. of the NE. field corner; post; 0.6 ft S. of the E.-W. fence, in a concrete post; projecting 5-in. above ground; a standard tablet stamped "21 RS 1962"		1335.182
27 20.2	Reference mark, 164 ft N. of tablet; approx. 43 yards N. along hwy. 7 from intersection of hwy. 7 and an E.-W. gravel rd.; 14.6 ft W. of center of hwy. 7; on W. wingwall of 10 x 6 ft concrete culvert; a chiseled square; in the center of the wingwall; painted		1336.21
28 20.7	UE, 0.7 mi N. of tablet; along Hwy. 7 from tablet; approx. 124 yards N. from the front steps of St. Joseph Church, 16 ft W. of center of hwy. 7; in the center of the W. headwall of a concrete culvert; a chiseled cross; painted		1424.44
29 21.5	UE, 1.4 mi N. along hwy. 7 from tablet; approx. 189 yds. S. from a T-fence E.; 14.3 ft E. of center of hwy. 7; in center of the E. headwall of a 6 x 4 ft concrete culvert a chiseled cross; painted		1375.31
30 22.5	Sioux City, 17.1 mi N. along Hwy. 7 from the intersection of Hwy. 7 and interstate 29; thence 0.7 mi W. along a gravel rd., in the center of the line between sections 3 and 34; T. 91 N., R. 47 W., about 35 yards SE. of a telephone pole; 32 ft S. of center of E.-W. rd.; near the crest of the hill; at the field entrance gate; 1.4 ft E. of E. gate post; 1.1 ft N. of E.-W. fence; in a concrete post; projecting 4-in. above ground; a standard tablet stamped "22 RS 1962"		1432.616
31 23.3	UE, 0.8 mi W. of tablet; approx. 82 yds. E. of private drive S.; 20.5 ft S. of center of an E.-W. gravel rd.; 6-in. from the S. end of a 4 ft concrete culvert; a chiseled square; painted		1343.49
32 23.9	UE, 1.4 mi W. from tablet; 30 ft E. of a power line pole; 28 ft N. of center of E.-W. rd.; 12 ft W. of field entrance S.; 0.4 ft from the N. end of a 6-ft metal culvert; a chiseled square; painted		1345.98
34 24.8	UE, 2.3 mi W. from tablet; approx. 27 yards E. of a power pole; 16.2 ft S. of center of E.-W. rd.; 2.5 in. from the S. end of a metal culvert; a chiseled square; painted		1391.57
36 25.8	Sioux City, 17.1 mi N. along hwy. 7 from intersection of hwy. 7 and interstate 29; 1.0 mi S. and 1.8 mi W. from Adaville, near the center of the line between secs. 6 and 31; T. 91 N., R. 47 W., approx. 51 yards NE. of the NE. corner of a red barn; 33.4 ft S. of the center of an E.-W. rd.; 2 ft S. of a telephone pole; in a concrete post; projecting 5-in. above ground; a standard tablet stamped "23 RS 1962"		1284.953
38 27.5	UE, 1.0 mi NE. of "5 RS" 51 ft S. of power pole; 24 ft E. of center of N.-S. rd.; 2-in. from E. end of culvert; a chiseled square; painted		1188.79
39 28.5	"5 RS 1962" (described in Line 3)		1179.234