

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

_____ PLAN _____ Survey

_____ LITTLE CANADA ROAD _____

From Edgerton St. To Ent. St. John's
Cemetery

Road Acc't. No. _____

Date Filed _____

File _____

1

LITTLE CANADA ROAD

Edgerton St. to entrance of
St Johns Cemetery 14/37

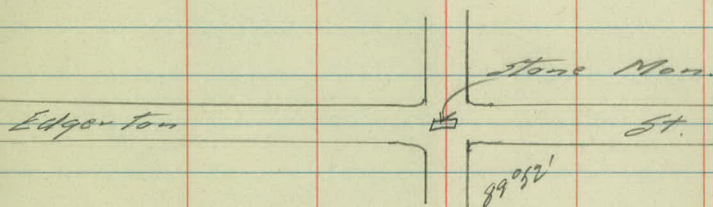
Sta.	Point	Angle		Def.	
		Rt.	Lt.		
74+52.89	P.T.			3°13'	
+50				3°9'	
					D=4°30'
74				2°1'	T=71.40
					L=142.59
73+81.7	P.I.		6°25'		
+50				0°54'	
73+10.3	P.C.				
71+98.11	P.T.			3°30'	
					D=3°30'
+50				2°39'	T=100.14
					L=200'
71				1°47'	
70+98.25	P.I.	7°00'			
+50				0°54'	
70				0°2'	
69+98.11	P.C.				
68+92.5	P.O.T.				

R.R. Spike

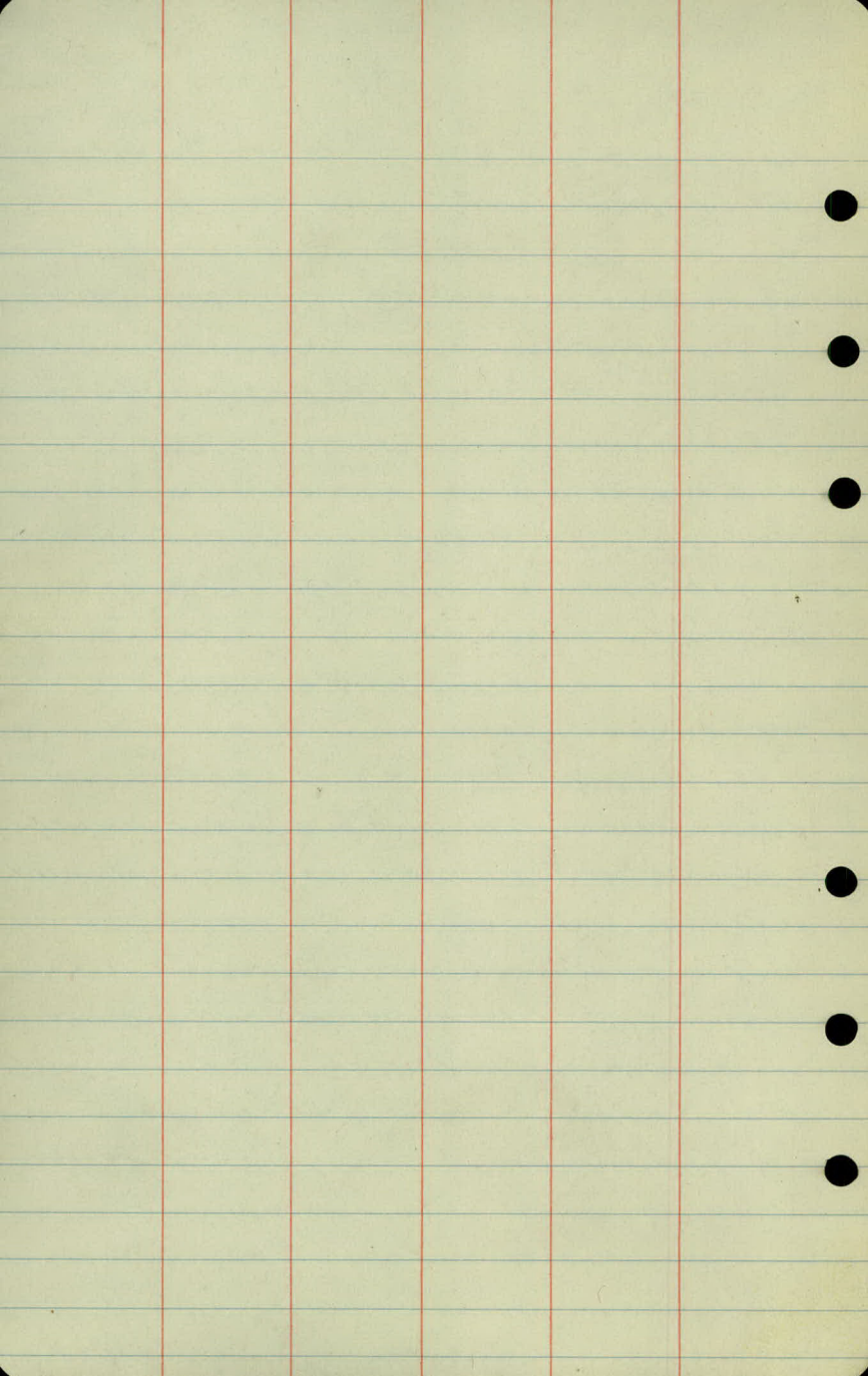
R.R. Spike

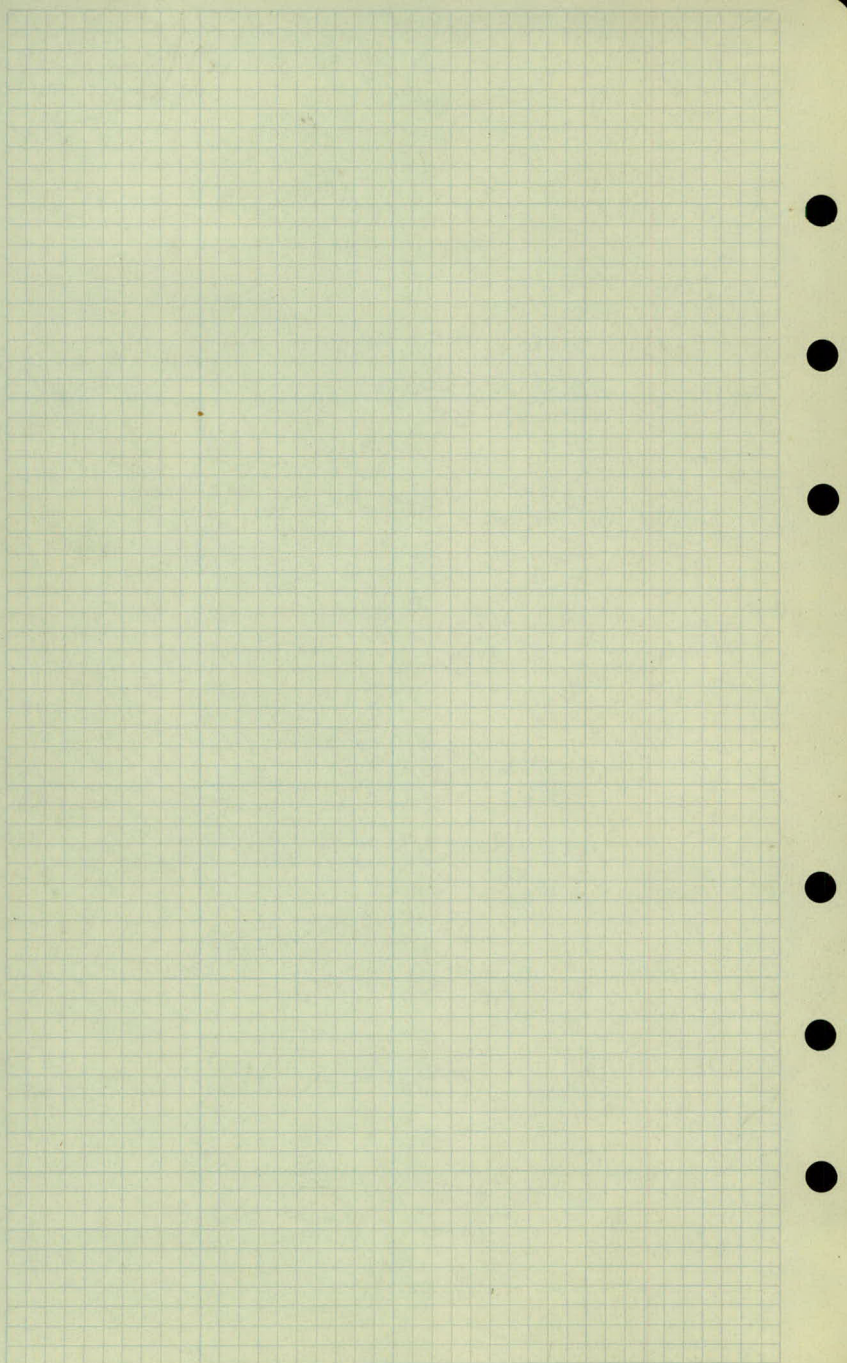
90° 00' □ Stone Men $\frac{1}{4}$ Cor.
19.9'

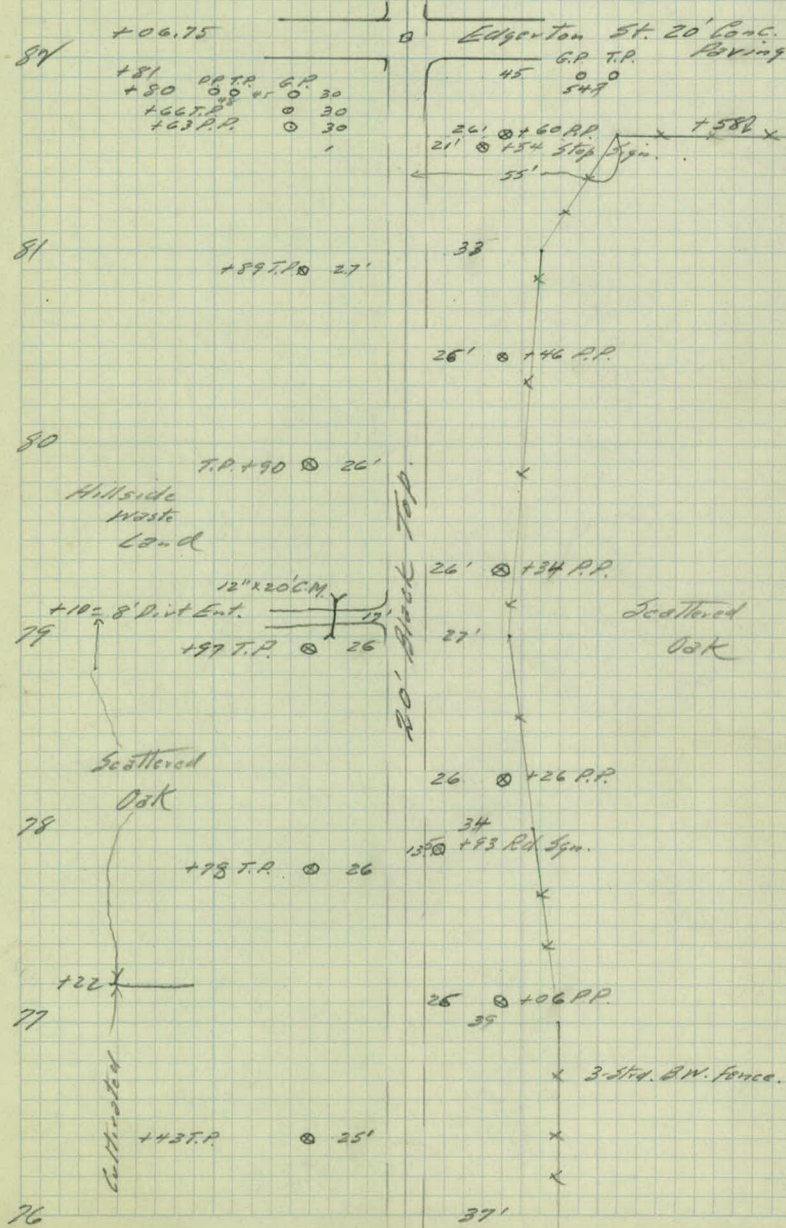
Sta.	Point.	Angle.		Def.
		Rt.	Lt.	
82+06.75				
77+47.30	P.I.	1°23'		R.R. Spite

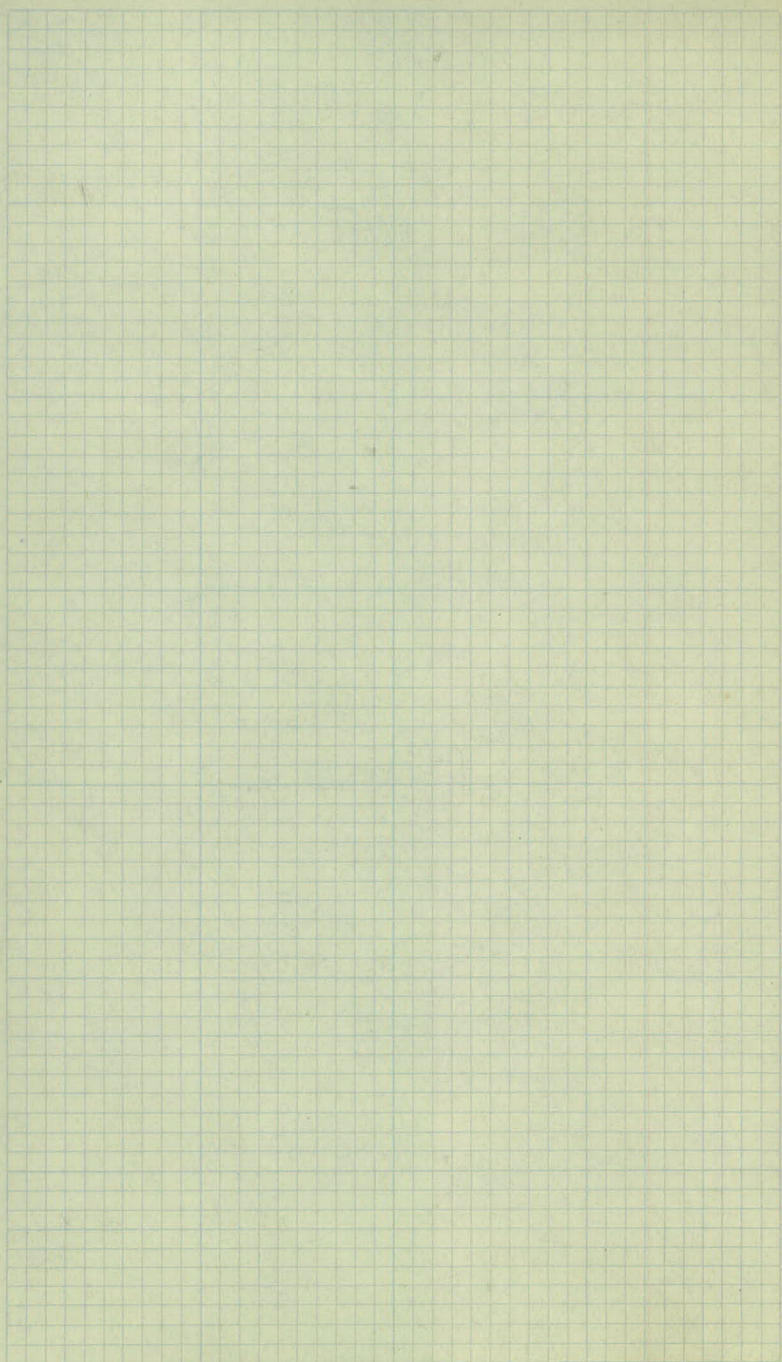


Memo: This alignment is that shown in Road Map Survey Book 7, made Sept. 6, 1931 and re-run this date 12/20/37, the original points both monuments & P.I.'s. were found intact. The above points have not been tied out being readily found unless new construction intends to disturb present black top road surface.









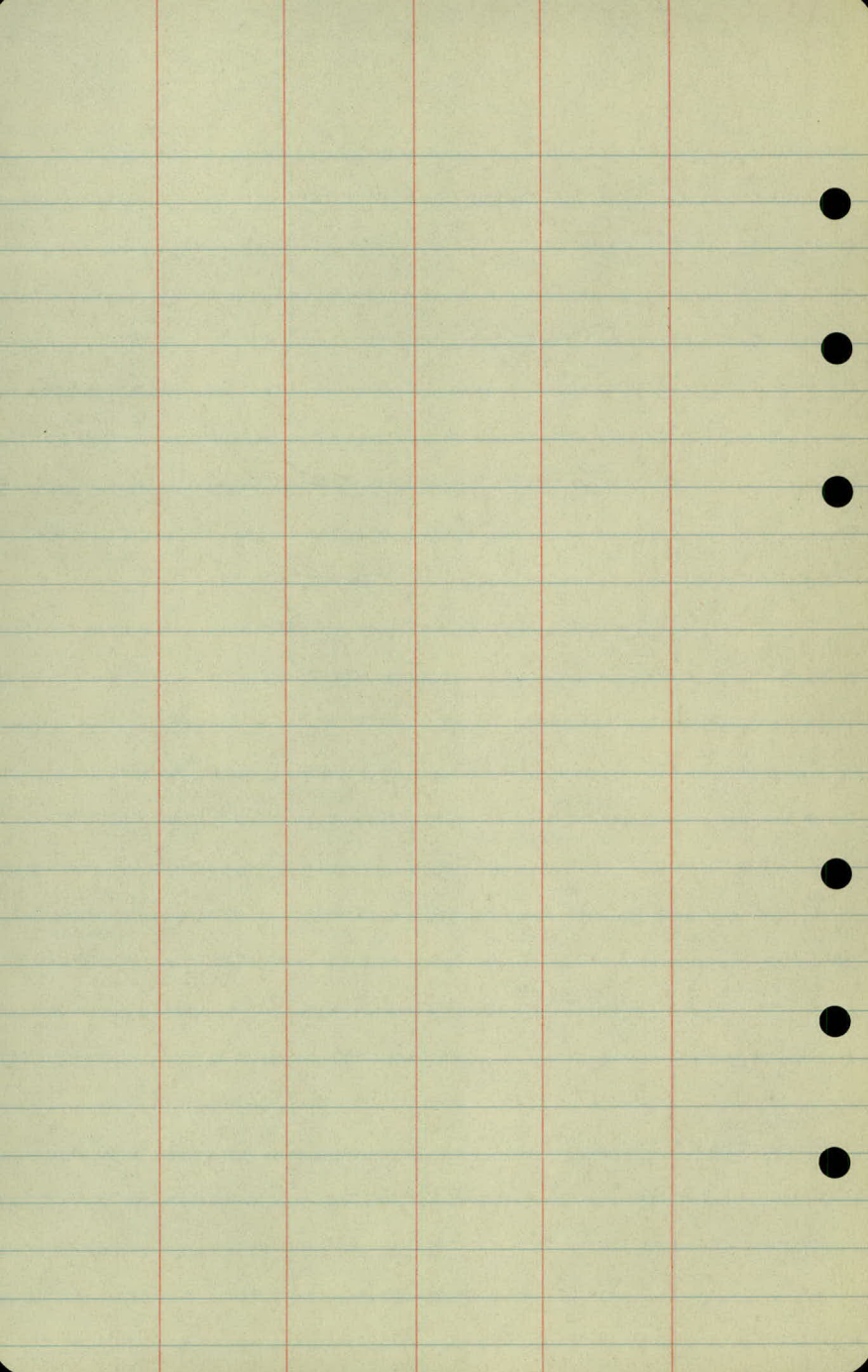
Bench Levels. 12/37

	+	+	-	Elev.
B.M.	13.24	886.46		873.22
	13.00	898.69	0.77	885.69
	6.12	904.06	0.75	897.94
B.M.	4.24	897.46	10.84	893.22
	0.21	891.61	6.06	891.40
	0.94	880.76	11.79	879.82
B.M.			7.96	872.80

Back check $\frac{1}{4}$ cor. to Weir

B.M.	11.05	904.27		893.22
	0.56	898.49	6.34	897.93
	0.58	886.25	12.82	885.67
			13.05	873.20
				873.22

- Given Elev. - Top of Weir S.W. Cor. of Concrete Wall
 - Top of Mon. $4\frac{1}{4}$ Cor.
 - Top of Mon. Edgerton & Little Canada Rd.
-



Preliminary Cross Sections

12/37

Sta.	+	-	Elev.
B.M.	3.40	896.62 ✓	893.22

69			93.8
----	--	--	------

+50			93.6
-----	--	--	------

70			93.4
----	--	--	------

+50			93.1
-----	--	--	------

71			92.4
----	--	--	------

+50			91.9
-----	--	--	------

72			91.5
----	--	--	------

+50			91.8
-----	--	--	------

T.P.	10.25	902.87 ✓	4.00	892.62 ✓
------	-------	----------	------	----------

73				92.6
----	--	--	--	------

+50				93.6
-----	--	--	--	------

74				94.3
----	--	--	--	------

T.P.	12.37	913.60 ✓	1.64	901.23 ✓
------	-------	----------	------	----------

Top of Monument 44° Cor. - 19.5' Rt. of Sts. 68 + 93.5

$\frac{11}{100}$ $\frac{35}{40}$ $\frac{32}{14}$ $\frac{29}{9}$ $\frac{28}{10}$ $\frac{32}{16}$ $\frac{34}{23}$ $\frac{24}{23}$

$\frac{34}{100}$ $\frac{45}{69}$ $\frac{45}{36}$ $\frac{48}{27}$ $\frac{44}{18}$ $\frac{35}{14}$ $\frac{32}{10}$ $\frac{30}{11}$ $\frac{34}{16}$ $\frac{36}{19}$ $\frac{28}{24}$ $\frac{21}{24}$

$\frac{53}{100}$ $\frac{50}{58}$ $\frac{47}{35}$ $\frac{55}{25}$ $\frac{49}{19}$ $\frac{38}{15}$ $\frac{32}{11}$ $\frac{37}{16}$ $\frac{36}{19}$ $\frac{28}{25}$ $\frac{20}{25}$

$\frac{65}{100}$ $\frac{52}{41}$ $\frac{58}{29}$ $\frac{52}{20}$ $\frac{43}{15}$ $\frac{38}{10}$ $\frac{35}{10}$ $\frac{38}{15}$ $\frac{36}{20}$ $\frac{26}{20}$ $\frac{21}{25}$

$\frac{58}{100}$ $\frac{77}{66}$ $\frac{65}{41}$ $\frac{69}{35}$ $\frac{62}{23}$ $\frac{47}{15}$ $\frac{43}{10}$ $\frac{42}{10}$ $\frac{46}{15}$ $\frac{44}{20}$ $\frac{32}{24}$ $\frac{28}{24}$

$\frac{13.1}{100}$ $\frac{85}{45}$ $\frac{80}{35}$ $\frac{53}{18}$ $\frac{50}{11}$ $\frac{47}{9}$ $\frac{51}{13}$ $\frac{49}{17}$ $\frac{40}{22}$ $\frac{34}{22}$

Cometary fence. General
lay of Cometary grounds is
two to three feet higher

$\frac{13.7}{100}$ $\frac{125}{91}$ $\frac{97}{81}$ $\frac{82}{43}$ $\frac{63}{25}$ $\frac{54}{12}$ $\frac{51}{10}$ $\frac{54}{18}$ $\frac{54}{43}$ $\frac{27}{100}$ $\frac{27}{100}$

$\frac{115}{100}$ $\frac{97}{50}$ $\frac{73}{23}$ $\frac{52}{9}$ $\frac{48}{10}$ $\frac{49}{16}$ $\frac{52}{24}$ $\frac{60}{35}$ $\frac{44}{42}$ $\frac{27}{28}$ $\frac{17}{100}$ $\frac{14}{100}$

$\frac{16.5}{100}$ $\frac{15.5}{73}$ $\frac{135}{39}$ $\frac{122}{24}$ $\frac{110}{15}$ $\frac{107}{10}$ $\frac{103}{10}$ $\frac{105}{9}$ $\frac{108}{13}$ $\frac{115}{18}$ $\frac{112}{22}$ $\frac{101}{26}$ $\frac{92}{31}$ $\frac{68}{38}$ $\frac{62}{55}$ $\frac{70}{100}$

$\frac{129}{100}$ $\frac{124}{71}$ $\frac{91}{31}$ $\frac{91}{19}$ $\frac{97}{13}$ $\frac{97}{9}$ $\frac{93}{9}$ $\frac{96}{12}$ $\frac{97}{21}$ $\frac{97}{32}$ $\frac{48}{47}$ $\frac{46}{47}$ $\frac{61}{100}$

$\frac{75}{100}$ $\frac{62}{48}$ $\frac{55}{28}$ $\frac{91}{17}$ $\frac{90}{10}$ $\frac{86}{10}$ $\frac{90}{15}$ $\frac{90}{18}$ $\frac{96}{21}$ $\frac{95}{33}$ $\frac{34}{34}$ $\frac{39}{34}$ $\frac{65}{100}$

Sta.	+	π	-	Elev.
		913.60 [✓]		
74+50				(94.8)
75				(95.0)
+50				(95.2)
76				(94.6)
T.P.	5.23	908.28 [✓]	10.55	903.05 [✓]
+50				(93.3)
77				(91.4)
+50				(89.6)
T.P.	3.77	903.21 [✓]	8.84	899.44 [✓]
78				(87.6)
+40				(85.9)
T.P.	1.48	897.34 [✓]	7.35	895.86 [✓]

Lt.

E

Rt.

10

$$\frac{12.0}{100} \quad \frac{12.3}{71} \quad \frac{12.2}{50} \quad \frac{11.2}{34} \quad (18.8) \quad \frac{12.2}{33} \quad \frac{13.6}{56} \quad \frac{17.4}{100}$$

$$\frac{5.9}{100} \quad \frac{6.2}{56} \quad \frac{6.0}{36} \quad (18.6) \quad \frac{9.7}{33} \quad \frac{11.6}{60} \quad \frac{16.8}{100}$$

$$\frac{1.8}{100} \quad \frac{2.1}{50} \quad \frac{1.5}{38} \quad (18.4) \quad \frac{8.7}{37} \quad \frac{10.0}{59} \quad \frac{12.9}{85} \quad \frac{13.9}{100}$$

$$\frac{2.1}{100} \quad \frac{2.8}{69} \quad \frac{2.5}{45} \quad \frac{2.0}{40} \quad (19.0) \quad \frac{9.2}{33} \quad \frac{11.4}{77} \quad \frac{16.1}{100}$$

$$\frac{+4.2}{100} \quad \frac{+0.9}{58} \quad \frac{0.9}{46} \quad (15.0) \quad \frac{9.7}{33} \quad \frac{12.9}{58} \quad \frac{17.3}{100}$$

$$\frac{1.3}{100} \quad \frac{4.3}{69} \quad \frac{6.0}{39} \quad (16.9) \quad \frac{15.3}{29} \quad \frac{20.3}{85} \quad \frac{21.5}{100}$$

$$\frac{2.3}{100} \quad \frac{5.7}{71} \quad \frac{2.8}{46} \quad (18.7)$$

$$\frac{+0.5}{100} \quad \frac{3.8}{71} \quad \frac{6.8}{43} \quad (15.6)$$

$$\frac{00}{100} \quad \frac{9.0}{50} \quad \frac{15.6}{23} \quad (17.3)$$

Sta.	+	π	-	Elev.
79		897.34		(83.9)

+50				(81.9)
-----	--	--	--	--------

80				(79.8)
----	--	--	--	--------

T.P.	0.74	884.97	13.11	884.23
------	------	--------	-------	--------

80				79.8
----	--	--	--	------

T.P.	1.44	879.94	6.47	878.50
------	------	--------	------	--------

+50				77.7
-----	--	--	--	------

+70				76.9
-----	--	--	--	------

81				75.5
----	--	--	--	------

+57				73.7
-----	--	--	--	------

+75				73.3
-----	--	--	--	------

+90				73.1
-----	--	--	--	------

82+06.75				72.8
----------	--	--	--	------

B.M.			7.14	872.80
------	--	--	------	--------

Lt.

E

Rt.

11

$$\frac{+2.7}{100} \quad \frac{5.0}{59} \quad \frac{8.5}{39} \quad \frac{11.8}{22}$$

$$\frac{13.4}{100}$$

$$\frac{3.8}{100} \quad \frac{7.6}{75} \quad \frac{10.8}{37}$$

$$\frac{15.4}{100}$$

$$\frac{10.7}{100} \quad \frac{14.1}{59} \quad \frac{14.2}{36}$$

$$\frac{17.5}{100}$$

$$\frac{6.7}{27} \quad \frac{6.6}{21} \quad \frac{5.8}{15} \quad \frac{5.5}{9} \quad \frac{5.2}{9} \quad \frac{5.5}{9} \quad \frac{5.8}{12} \quad \frac{7.0}{20} \quad \frac{6.4}{23} \quad \frac{8.0}{49} \quad \frac{11.9}{100}$$

$$\frac{0.6}{100} \quad \frac{3.4}{73} \quad \frac{4.3}{50} \quad \frac{2.7}{35} \quad \frac{5.2}{27} \quad \frac{4.7}{21} \quad \frac{3.0}{15} \quad \frac{2.7}{7} \quad \frac{2.5}{7} \quad \frac{2.7}{10} \quad \frac{6.7}{22} \quad \frac{7.1}{38} \quad \frac{10.5}{100}$$

$$\frac{3.4}{100} \quad \frac{6.7}{53} \quad \frac{7.1}{26} \quad \frac{3.8}{16} \quad \frac{3.3}{10} \quad \frac{3.0}{7} \quad \frac{3.4}{11} \quad \frac{3.5}{21} \quad \frac{8.3}{30} \quad \frac{10.5}{59} \quad \frac{11.9}{64} \quad \frac{11.1}{64} \quad \frac{10.7}{100}$$

$$\frac{6.6}{100} \quad \frac{10.4}{45} \quad \frac{10.4}{29} \quad \frac{5.1}{16} \quad \frac{4.5}{9} \quad \frac{4.4}{7} \quad \frac{4.7}{11} \quad \frac{5.0}{28} \quad \frac{12.8}{34} \quad \frac{13.9}{45} \quad \frac{13.6}{50} \quad \frac{12.3}{50} \quad \frac{10.1}{100}$$

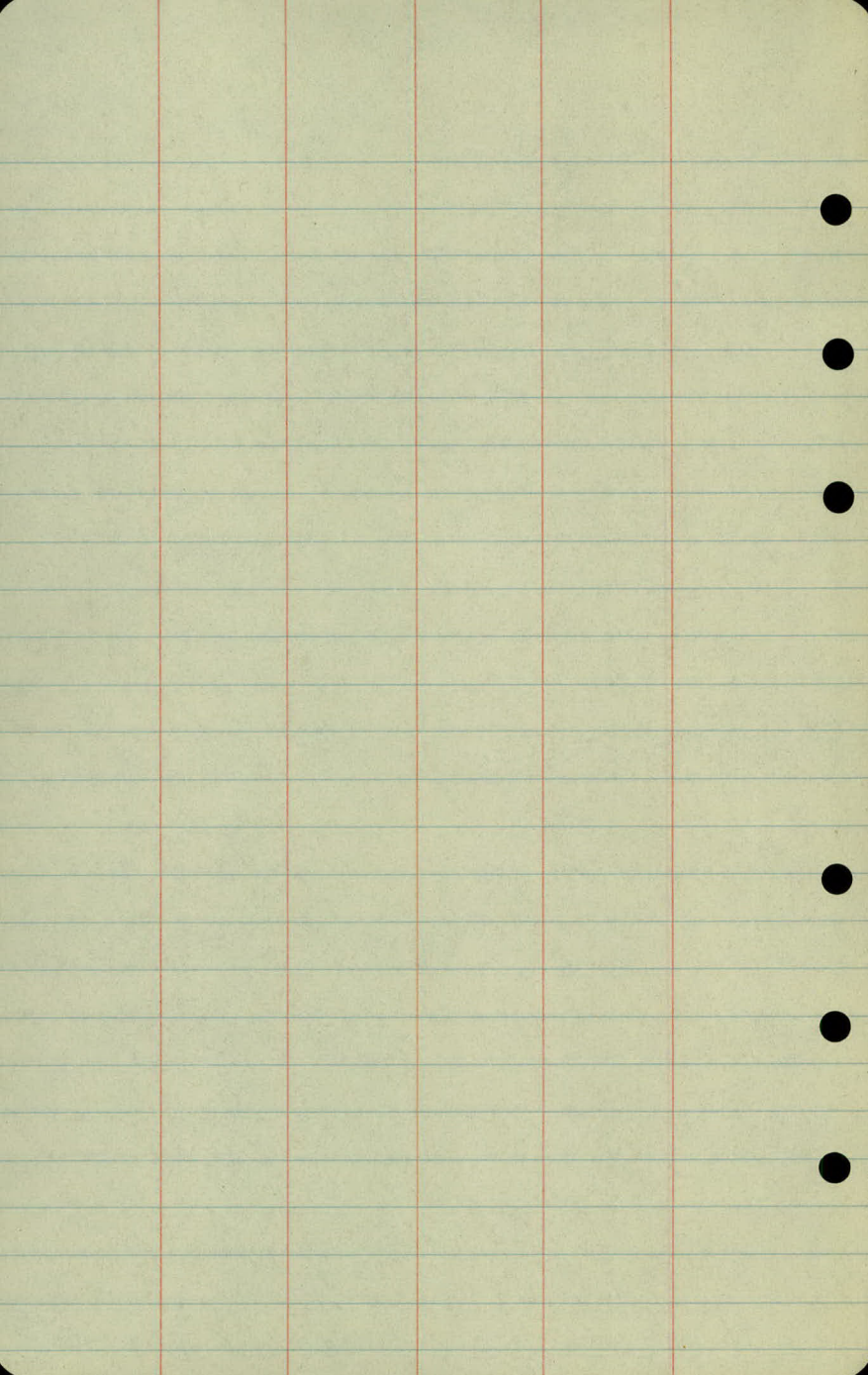
$$\frac{10.6}{100} \quad \frac{14.0}{63} \quad \frac{14.3}{28} \quad \frac{7.4}{16} \quad \frac{6.8}{10} \quad \frac{6.2}{14} \quad \frac{6.9}{17} \quad \frac{7.3}{29} \quad \frac{11.9}{45} \quad \frac{13.7}{71} \quad \frac{11.0}{71} \quad \frac{10.1}{100}$$

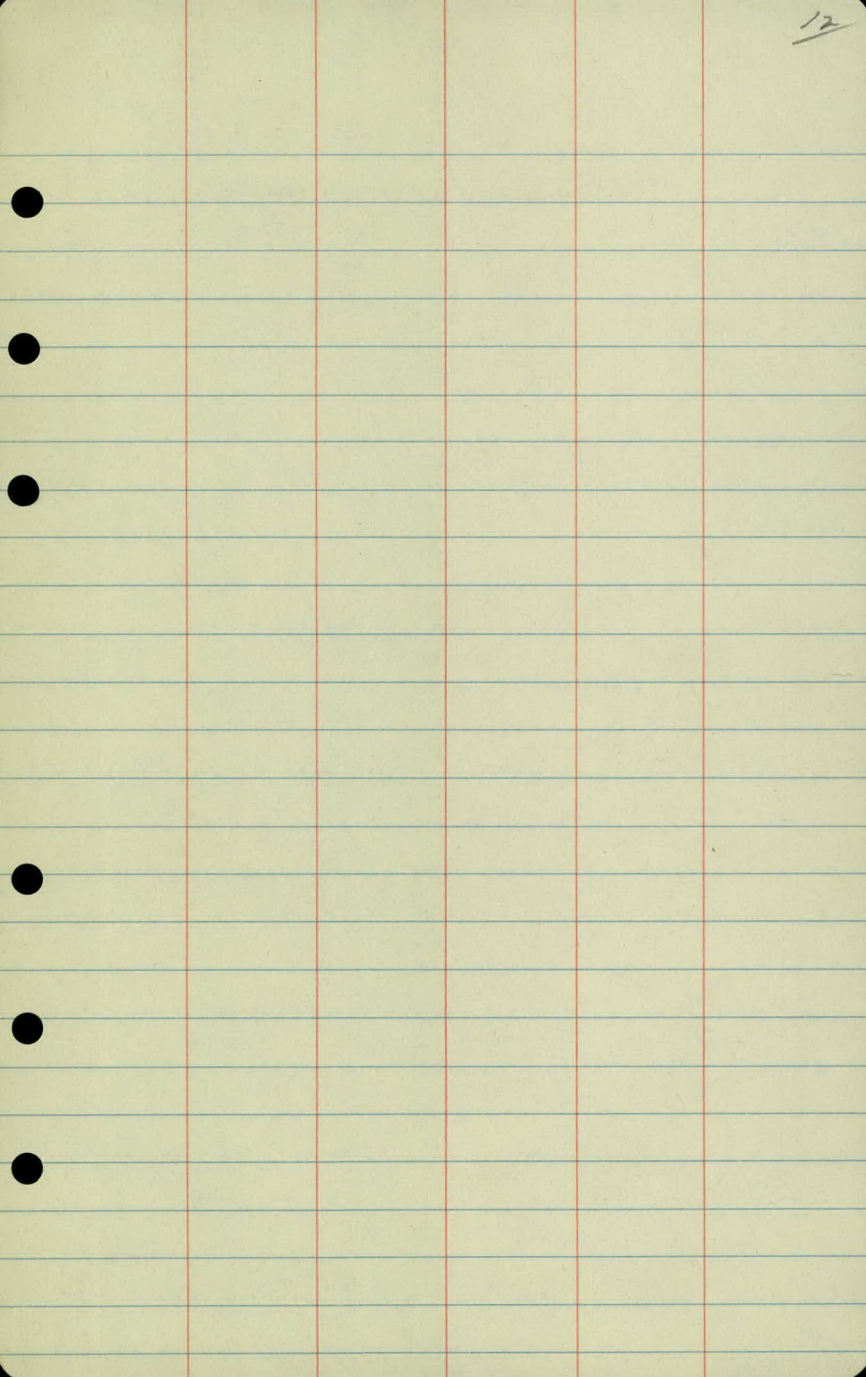
$$\frac{9.6}{100} \quad \frac{11.7}{84} \quad \frac{12.6}{62} \quad \frac{12.7}{41} \quad \frac{7.9}{28} \quad \frac{7.2}{18} \quad \frac{6.6}{25} \quad \frac{7.6}{30} \quad \frac{8.0}{38} \quad \frac{10.3}{67} \quad \frac{9.6}{89} \quad \frac{10.0}{89} \quad \frac{11.5}{100}$$

$$\frac{4.9}{100} \quad \frac{6.8}{45} \quad \frac{6.8}{48} \quad \frac{7.9}{48} \quad \frac{8.0}{63} \quad \frac{8.1}{100}$$

$$\frac{4.2}{100} \quad \frac{6.4}{45} \quad \frac{7.1}{50} \quad \frac{7.5}{50} \quad \frac{8.0}{100}$$

Top of Stone Monument - Edgerton - Little Canada Rd.





Sta.	+	π	-	Elev.
B.M.	5.65	898.87		893.22
74+50				94.8.

75				95.0.
+50				95.2.

76				94.6.
+50				93.3.

77				91.4.
T.P.	0.34	889.92	929	889.58
+50				89.6.

78				87.6.
+40				85.9.

79				83.9.
+50				81.9.

T.P.	1.77	881.61	10.08	879.84
B.M.			8.79	872.81 [872.80]

Lt.

E

Rt.

13

Top of monument $\frac{1}{4}$ cor.
$$\frac{43}{17} \quad \frac{44}{16} \quad \frac{42}{10} \quad \frac{41}{9} \quad \frac{45}{9} \quad \frac{45}{14} \quad \frac{54}{17} \quad \frac{54}{20}$$

$$\frac{42}{17} \quad \frac{44}{11} \quad \frac{43}{9} \quad \frac{39}{9} \quad \frac{42}{9} \quad \frac{42}{14} \quad \frac{53}{16} \quad \frac{52}{20}$$

$$\frac{40}{16} \quad \frac{41}{12} \quad \frac{39}{9} \quad \frac{37}{9} \quad \frac{39}{9} \quad \frac{41}{14} \quad \frac{53}{17} \quad \frac{53}{20}$$

$$\frac{43}{18} \quad \frac{46}{13} \quad \frac{47}{9} \quad \frac{43}{9} \quad \frac{45}{9} \quad \frac{45}{13} \quad \frac{59}{17} \quad \frac{59}{20}$$

$$\frac{54}{20} \quad \frac{60}{10} \quad \frac{59}{9} \quad \frac{56}{9} \quad \frac{59}{10} \quad \frac{60}{14} \quad \frac{68}{17} \quad \frac{68}{20}$$

$$\frac{26}{17} \quad \frac{29}{11} \quad \frac{26}{9} \quad \frac{25}{9} \quad \frac{28}{9} \quad \frac{28}{14} \quad \frac{83}{16} \quad \frac{87}{19}$$

$$\frac{06}{18} \quad \frac{07}{9} \quad \frac{03}{14} \quad \frac{04}{18} \quad \frac{15}{18} \quad \frac{15}{19} \quad \frac{06}{22} \quad \frac{23}{29} \quad \frac{62}{38} \quad \frac{69}{50} \quad \frac{137}{100}$$

$$\frac{35}{20} \quad \frac{35}{16} \quad \frac{28}{15} \quad \frac{27}{10} \quad \frac{23}{9} \quad \frac{25}{15} \quad \frac{32}{34} \quad \frac{117}{50} \quad \frac{146}{50} \quad \frac{234}{100}$$

$$\frac{45}{20} \quad \frac{45}{16} \quad \frac{42}{15} \quad \frac{44}{12} \quad \frac{40}{11} \quad \frac{43}{11} \quad \frac{96}{20} \quad \frac{138}{33} \quad \frac{153}{39} \quad \frac{170}{50} \quad \frac{240}{100}$$

$$\frac{65}{19} \quad \frac{65}{16} \quad \frac{59}{15} \quad \frac{60}{11} \quad \frac{66}{11} \quad \frac{124}{23} \quad \frac{144}{41} \quad \frac{160}{100}$$

$$\frac{70}{28} \quad \frac{78}{22} \quad \frac{84}{21} \quad \frac{84}{18} \quad \frac{82}{10} \quad \frac{80}{11} \quad \frac{83}{15} \quad \frac{88}{19} \quad \frac{80}{34} \quad \frac{97}{50} \quad \frac{110}{50} \quad \frac{134}{100}$$

Top of Monument Edgerton & Little Canada Rd.

