

PLANS SURVEY  
SMELLING AVENUE  
From Hoyt Ave.  
To Larpenteur Avenue  
CO. PROJ. 26-03  
RD.  $\frac{1}{4}$  N<sup>o</sup> <sup>St. H.</sup> 62

Office of Ramsey Co. Engineer  
ST. PAUL, MINN.

Date Filed 12-2-25

File No.

7

Road % # 8

Alignment on Snelling Ave  
from Hoyt Ave to Carpenter Ave.

Proj. 26-03

Office of Railway Co. Engineer ST. PAUL, MINN.
Date Filed 12-2-25
File No. ....

Party # 1

Sta. Point Lt. Rt.

13+18<sup>75</sup> P.O.T.

N 00-00 F.

0+00 P.O.T.

Lacpenteur Ave

Mont.

50  
46  
45 10  
O.T.P.  
O.P.P.

Spelling Ave

Hoyt Ave <sup>RR</sup> 0 33 87

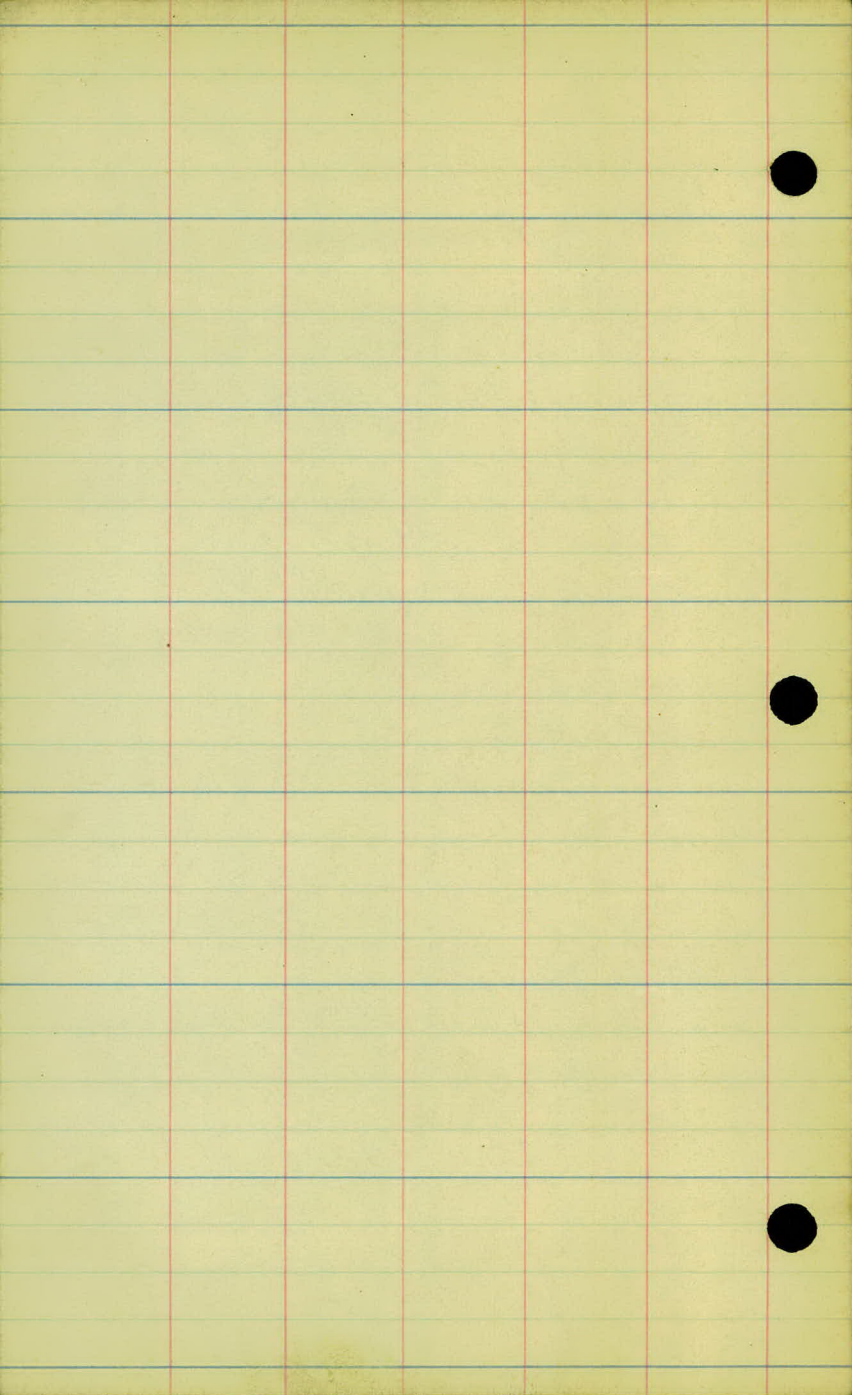
Hoyt Ave  
Estat. from  
Lot Cors.

59 25  
30" Maple

Coma & Phalen Ave

Mont.

48  
53 25  
O.T.P.  
O.P.P.



Road # 8

Art. Topog. from Sta 0+00  
to Sta. 14+00.

579.

1700

0700



7+00

6+00

5+00

4+00

3+00

2+00

1+00



12700

11700

10700

9700

8700

7700

11/27/25

Pave 8'  
F. 32' L.

Pave 12'R

Pave 7'  
P. 32' L.

725 T.P. 21<sup>5</sup>

Pave 12<sup>2</sup>

190 S.T.H. #62  
 154  
 174-18"-T-28 L.  
 150-20"-T-29 L.  
 +23 F. Cor. 32' L.  
 +33 Stone Pillar 42'  
 3x3  
 129-15"-T-27 L.  
 +18 Stone Pillar 42'  
 3x3  
 114-12"-T-28 L.  
 +19 Pri. Exit.  
 +19 S. T. H. Sign 16 ft.  
 120' x 24' C.M. Road.  
 100' x 6' T-24 L.  
 +04 F. 32' L.  
 Pave 7<sup>2</sup>  
 +36 F. Cor. 32' L.  
 +90-13"-T-24 L.  
 +50-15"-T-25 L.  
 +70 Pri. Exit.  
 +59-15"-T-25 L.  
 +32-15"-T-24 L.  
 Pave 7<sup>2</sup>

Tea Garden.

Curtis Laning Field.

+75 P.P. 22' R.

Pave 12<sup>2</sup> R.

+59 T.P. 33' R.  
+44 P.P. & Light  
+06 23' R.

Pave 12<sup>2</sup>

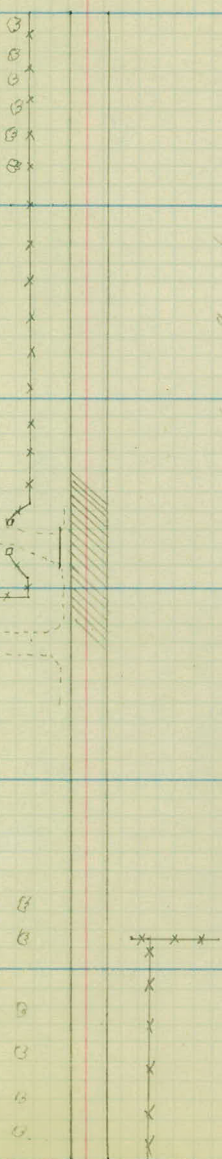
+32 S.T.H. June Sign  
17' R.  
+17 F. Cor. 34' L.  
+17 P. Off 26' L.  
+16 P.P. 23' R.

Pave 12 R

+82 T.P. 43' R

Pave 8 L.

Yard.



1400

1300

1200

14+00 Pave. 9<sup>2</sup>

100 Pave 10<sup>2</sup>

+71<sup>5</sup> Pave 9<sup>0</sup>

+69 Pave 11<sup>0</sup>

+55 Pave 13<sup>2</sup>

+69 Pave 12<sup>2</sup>

+38 Pave 25<sup>2</sup>

+55 Pave 14<sup>0</sup>

+28<sup>75</sup> Pave. 55<sup>4</sup>

+38 Pave 26<sup>2</sup>

+08<sup>75</sup> Pave. 54<sup>8</sup>

+28<sup>25</sup> Pave. 51<sup>0</sup>

+18<sup>75</sup> Q. Larp. Ave

+08 Pave 51<sup>2</sup>

13+00 Pave 27<sup>2</sup>

+00 Pave 35<sup>2</sup>

+89 Pave 17<sup>2</sup>

+89 Pave 17<sup>2</sup>

+82 - 36' - T. - 36'

+88 Guy Pole 33<sup>2</sup>

+78 F.C.O. 33' L.

+85 T.P. - 21' R.

+77 Pave 11<sup>2</sup>

+83 - 6' - T. - 21' R.

+69 Pave 9<sup>2</sup>

+78 - P.P. - 21' R.

+62 Pave 8<sup>4</sup>

+77 - Pave. 14' R.

+69 - Pave 13<sup>2</sup> R.

+69 Pave 11<sup>2</sup> R.

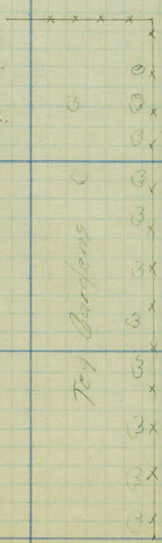
+54 - H.W. 22<sup>2</sup> R.

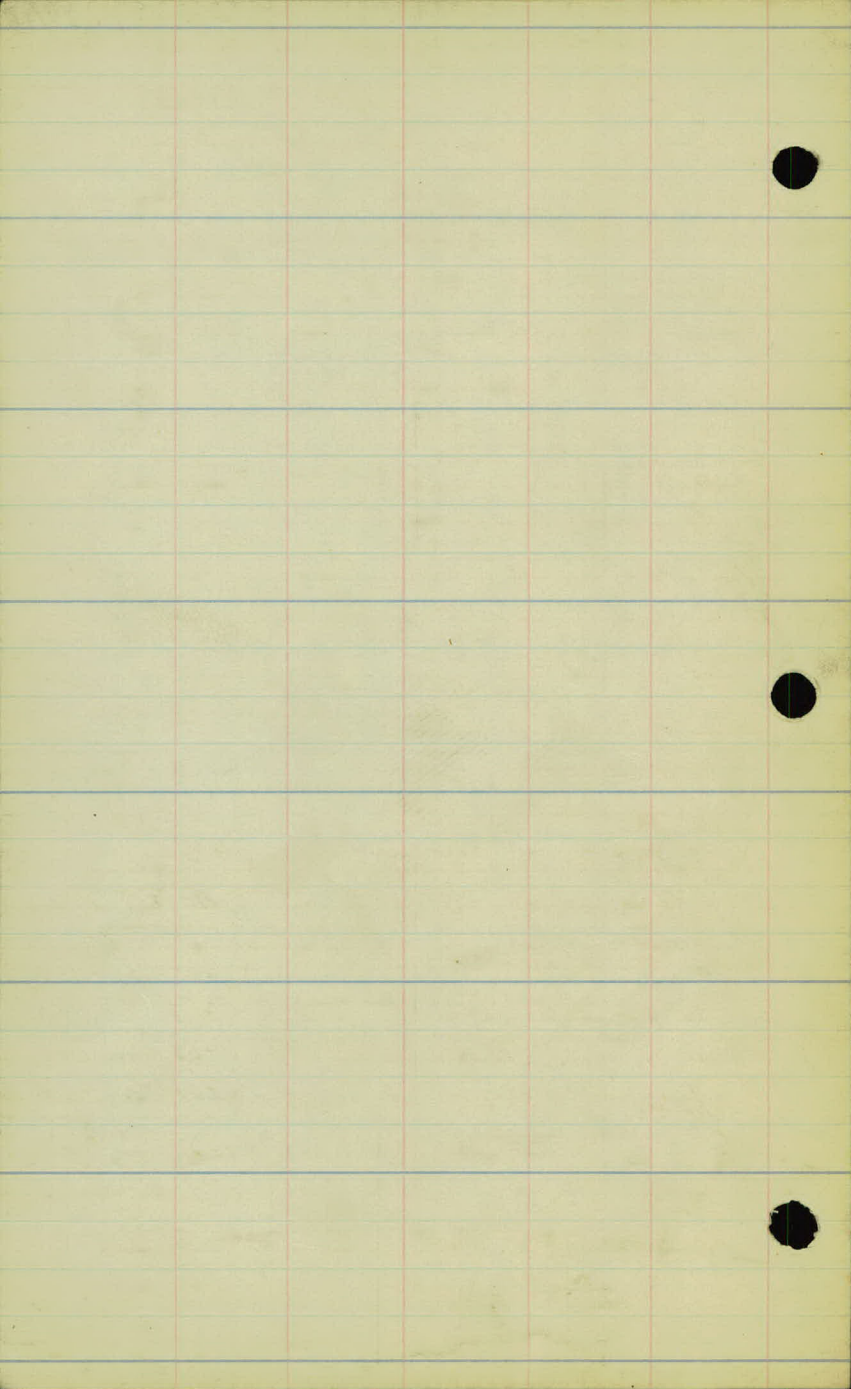
+04 P.P. 21<sup>5</sup>

12+00

Tog Gardens

Curtis Landing Field.





Road *ap* # 8.

X sections & center line  
Levels from Sta. 0+00 to Sta. 14+00.

Sta.	+	H.I.	-	Roof	Elev.
B.M.	2.27	952.34		950.07	
-200				2.52	949.82
-150				3.01	49.33
-100				3.46	48.88
-50				4.02	48.52
-41.				4.15	48.19
-20 <sup>s</sup>				4.41	47.93
-06 <sup>t</sup>				4.60	47.74
0+00				4.74	47.60
B.M.	0.51	951.49	1.34	950.98	
0+12	Pr. Ent 17			4.10	47.39
+30				4.40	47.09
+50				4.78	46.71
+100				5.84	45.65
+50				6.80	44.69
+100				7.71	43.78
+50				8.65	42.84

Lt.

Jt.

Spk. in R.P. Lt. Sta. 0+00.

Top of Cork				Top of Cork			Top of Side Wall		
26	430	471	4.30	4.89	4.24	3.3	4.02	3.91	
32.5	29	29	1.40 4.15	1.50	1.50	2.4	2.7	3.3	
	3.1	5.1	4.82	5.02	4.40	4.36	4.30		
	32.5	29	1.74 4.41	2.35	2.36	2.68	3.3		
3.1	5.4	5.1	4.64	4.66	4.4	4.6			
33	29	24	7 4.40	11	18	33			
3.1	5.6	5.1	4.82	4.81	4.5	3.7	3.4		
33	29	25	9 4.74	11	33	80	120		

Top of Hyd. S.F. Cor. of Hoyt & Small.

6.0	32	40	4.18
100	50	30	92 4.10

42	53	53	4.6	4.51	4.46	4.2	3.6	3.3	
33	30	29	2.5	7.2 4.40	10.2	18	24	33	
48	4.2	6.2	4.9	4.6	4.72	4.6	4.6	4.7	4.0
33	29	29	2.5	8.8 4.78	11.2	13	16.5	21	33

E.P.

6.5	6.5	7.0	7.6	5.8	5.92	5.90	5.3	5.3	2.0	2.0	7.3	7.3	
33	31.5	27.5	28.5	23.5	8.8	5.84	11.2	12.5	17	20	29	31	33

E.P.

8.5	8.9	8.8	6.9	6.89	6.89	6.59	6.1	6.2	6.7	7.0	7.0
33	27.5	27.5	23	8.9 6.80	7.5	11.1	12.5	17	20	31.5	33

10.3	10.3	10.5	10.3	8.2	7.7	7.75	7.84	7.84	7.2	7.0	7.0	8.0	9.1	
30	27	28	27	22	16.5	8.7	7.71	10	11.1	12.5	17	20	24	33

12.3	11.8	8.9	8.69	8.74	8.74	8.1	8.3	8.9	9.2	10.0	
33	17.5	10.5	8.8	8.63	7.5	10.2	12.5	17.5	20	29	33

Sta.	+	H.I.	-	Rod	Elev.
		751.49			
3+00				7.22	742.27
T.P.	6.44	748.15	9.78	741.71	
+50				6.33	41.85 <sup>2</sup>
4+00				6.47	41.68
4+00	Cross Drain.				
+50				6.31	41.84
5+00				6.03	42.12
+50				5.30	42.85
6+00				4.44	43.71
+50				3.33	44.82
T.P.	9.72	755.49	2.38	745.77	
7+00				9.70	45.79
+50				8.62	46.87
8+00				7.50	47.97
+50				6.43	49.09
9+00				5.42	50.07

Lt.

Rt.

136	131	96	925		9.40	9.40	8.7	8.8	9.5	8.9	11.1
33	27	205	8.4	9.22	10	11.4	12.5	16.5	19	29	33

117	112	68	638		6.47	6.47	5.7	5.8	6.6	6.9	10.5	10.6
33	27.5	195	8.6	6.33	10	11.4	12.5	15.5	18	24	34	38

117	115	80	653		6.56	6.56	6.0	6.1	6.6	7.1	9.9	10.5	10.4
33	28.5	20	8.6	6.47	10.5	11.4	12.5	16.5	19	27	32	36	40
		Invert =	11.80										
			29										
			35										
			12.01 = Invert										

120	112	69	640		6.42	6.42	5.7	5.8	6.6	7.1	10.0	10.0	10.2
33	27	195	8.4	6.31	10	11.4	12.5	14	18	27	33	36	37

109	102	65	605		6.22	6.22	5.3	5.4	6.4	7.2	10.3	11.2
33	28	195	8.3	6.03	9.5	11.7	12	16.5	19	26	33	37

74	71	5.7	5.30		5.50	5.50	4.7	4.8	5.4	5.5	8.5
33	27	22.5	8.3	5.30	10	11.7	12.5	16.5	18.5	25.5	33

36	39	47	45	4.46	4.57	4.57	4.1	4.1	4.8	5.0	5.5	5.0	
33	38	20.5	15.5	8.1	4.44	10.5	11.7	12.5	14	18.5	23	26	28.5

07	32	35	4.1	3.5	3.42	3.38	3.38	2.7	3.0	3.7	4.8	4.7	2.9	
33	25	21	16.5	12	8.1	3.33	11	11.7	13	17.5	19.5	24	26	29

63	63	86	9.9	10.4	9.9	9.72	9.78	9.0	9.2	10.4	10.5	9.4	8.5		
33	27	23	22	17	14	8.1	9.70	10.5	11.7	12.5	14	19.5	26.5	29	33

47	5.7	6.7	8.9	9.2	8.7	2.69	8.72	8.72	8.1	8.3	9.3	9.1	6.7	6.6	
33	24.5	22	20	16.5	13.5	8.1	8.22	10.5	11.7	12.5	16.5	19.5	24	28	33

38	3.9	5.5	7.8	7.59	7.56	7.56	6.9	6.9	7.9	7.7	4.9	5.1	
33	27	21	18.5	8.2	7.50	10.5	11.8	12.5	15	17.5	20	24	33

2.8	3.3	6.6	6.46	6.57	6.57	6.1	5.7	6.5	6.6	4.1	4.5	
33	21.5	18.5	8.1	6.43	10.5	11.9	13	16.5	17	21.5	25.5	33

2.5	2.7	5.8	3.4	5.46	5.57	5.57	4.8	4.8	5.7	5.5	3.7	4.1	
33	12.5	18	15	8	5.42	11	12	12.5	17	19	21	24	33

Sta.		H.I.	-	Red	Elev.
		955.49			
+50				4.34	951.15
+70	Pri. Ent. Lt.			3.85	51.6 <sup>4</sup> <del>5</del>
10+00				3.14	52.33
+19	Pri. Ent. Lt.			2.80	52.69
+50				2.14	53.35
11+00				1.42	54.07
T.P.	6.80	961.39	0.90	954.59	
+50				6.80	54.59
12+00				6.25	55.14
+50				5.81	55.58
13+00				5.20	56.19
+08 <sup>75</sup>				5.09	56.32
+18 <sup>75</sup>				4.97	56.42
+50				4.71	56.48

14

87

<u>25</u>	<u>37</u>	<u>46</u>	<u>46</u>	<u>48</u>		<u>4.48</u>	<u>4.48</u>	<u>3.7</u>	<u>3.6</u>	<u>4.5</u>	<u>3.6</u>	<u>3.9</u>
33	12	195	15	80	4.34	11	120	12.5	17	21	25	33

<u>2.4</u>	<u>2.5</u>	<u>4.0</u>	<u>3.89</u>	
50	32	18	8	3.85

<u>25</u>	<u>29</u>	<u>43</u>	<u>43</u>	<u>3.6</u>	<u>3.19</u>		<u>3.27</u>	<u>3.27</u>	<u>2.7</u>	<u>2.4</u>	<u>3.5</u>	<u>4.0</u>
33	205	17	14	135	7.8	3.14	11	12.2	13	17	20	33

<u>2.3</u>	<u>2.8</u>	<u>2.81</u>	
50	24	78	2.80

<u>21</u>	<u>25</u>	<u>3.4</u>	<u>3.5</u>	<u>2.3</u>	<u>2.19</u>		<u>2.21</u>	<u>2.21</u>	<u>1.6</u>	<u>1.5</u>	<u>3.0</u>	<u>3.7</u>
33	27	105	125	14	7.8	2.14	11	12.5	13.5	17.5	20	33

<u>14</u>	<u>18</u>	<u>2.6</u>	<u>2.8</u>	<u>1.6</u>	<u>1.44</u>		<u>1.54</u>	<u>1.54</u>	<u>1.0</u>	<u>1.0</u>	<u>2.6</u>	<u>3.1</u>	<u>2.6</u>
33	22.5	11.5	17.5	14	7.8	1.42	11	12.2	13	17	21	26	33

<u>62</u>	<u>6.7</u>	<u>7.8</u>	<u>7.9</u>	<u>7.0</u>	<u>6.78</u>		<u>6.98</u>	<u>6.98</u>	<u>6.5</u>	<u>6.4</u>	<u>7.7</u>	<u>8.2</u>	<u>7.8</u>
33	235	22	78	145	7.8	6.80	11	12.2	13.5	16.5	20	29.5	33

<u>56</u>	<u>6.0</u>	<u>7.5</u>	<u>7.5</u>	<u>6.5</u>	<u>6.22</u>		<u>6.43</u>	<u>6.43</u>	<u>5.6</u>	<u>5.8</u>	<u>6.8</u>	<u>7.8</u>	<u>7.7</u>	
33	24	22	18.5	15	8	6.25	11	12	13	17	19.5	25.5	29	33

<u>5.4</u>	<u>6.0</u>	<u>6.0</u>	<u>5.78</u>	
33	235	145	8	5.81
				105
				12
				13
				14
				19
				23
				33

<u>6.0</u>	<u>5.1</u>	<u>5.08</u>	
48	42	275	5.20
			26.0
			41
			46

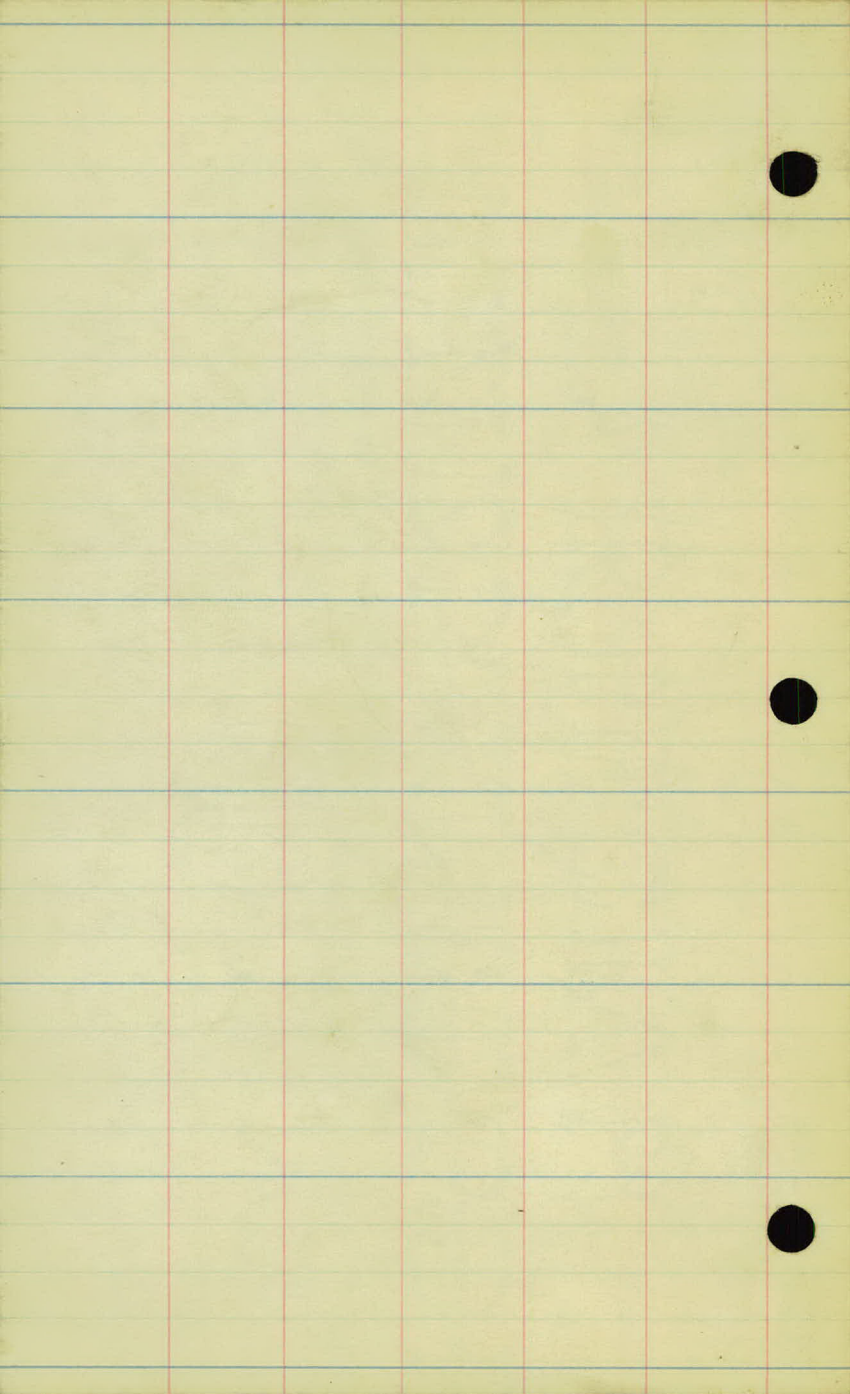
<u>4.36</u>	
548	5.07
	5.12

<u>3.26</u>	<u>3.33</u>	<u>3.66</u>	<u>4.26</u>	
200	150	100	50	4.97
				50
				100
				150
				200

Stg.	+	H.I	-	Rod.	Elev.
		941.39			
14+00				4.50	956.89
	+50			4.24	57.19
15+00				3.85	57.54
B.M.			4.45	956.94	956.94

11/30/25

S.P.H. in T.P. S.W. Cor. Snell & Larp. Ave



Road <sup>of</sup> c. # 8.

Levels from Co. Rd "c" &  
Victoria to Hoyt & Snelling.

Sta	f	H.I.	-	Elev.
B.M.	5.58	901.80		896.22
	5.74	903.35	4.19	897.61
	2.59	900.67	5.30	898.05
	5.74	901.56	4.82	895.82
	3.37	899.52	5.41	896.15
	11.61	910.63	0.50	899.02
	11.41	921.89	0.15	910.48
	12.26	733.67	0.48	721.41
	7.12	737.76	0.83	732.84
	0.73	732.07	8.42	731.34
	5.70	927.28	10.49	921.58
	12.76	737.67	0.37	726.91
	7.54	746.47	0.72	737.95
	5.11	748.88	5.72	740.77
	5.81	753.14	1.55	747.33
B.M.	6.73	753.42	6.25	746.89
	7.77	759.20	2.19	751.43
	2.46	754.01	7.45	751.55
	2.61	949.47	7.15	946.86
	5.14	948.77	5.84	943.63
	3.22	951.15	0.84	947.93
	0.67	939.64	12.20	938.95
	10.13	945.61	4.14	935.48
B.M.	2.37	943.84	4.12	941.49
	0.91	933.61	11.14	932.70
	0.44	921.22	13.05	920.54

Spl. in T.P. at int. of Co. Rd "C" & Victoria St. #43.

Spl. in P.P. int. of Co. Rd B & Lex.

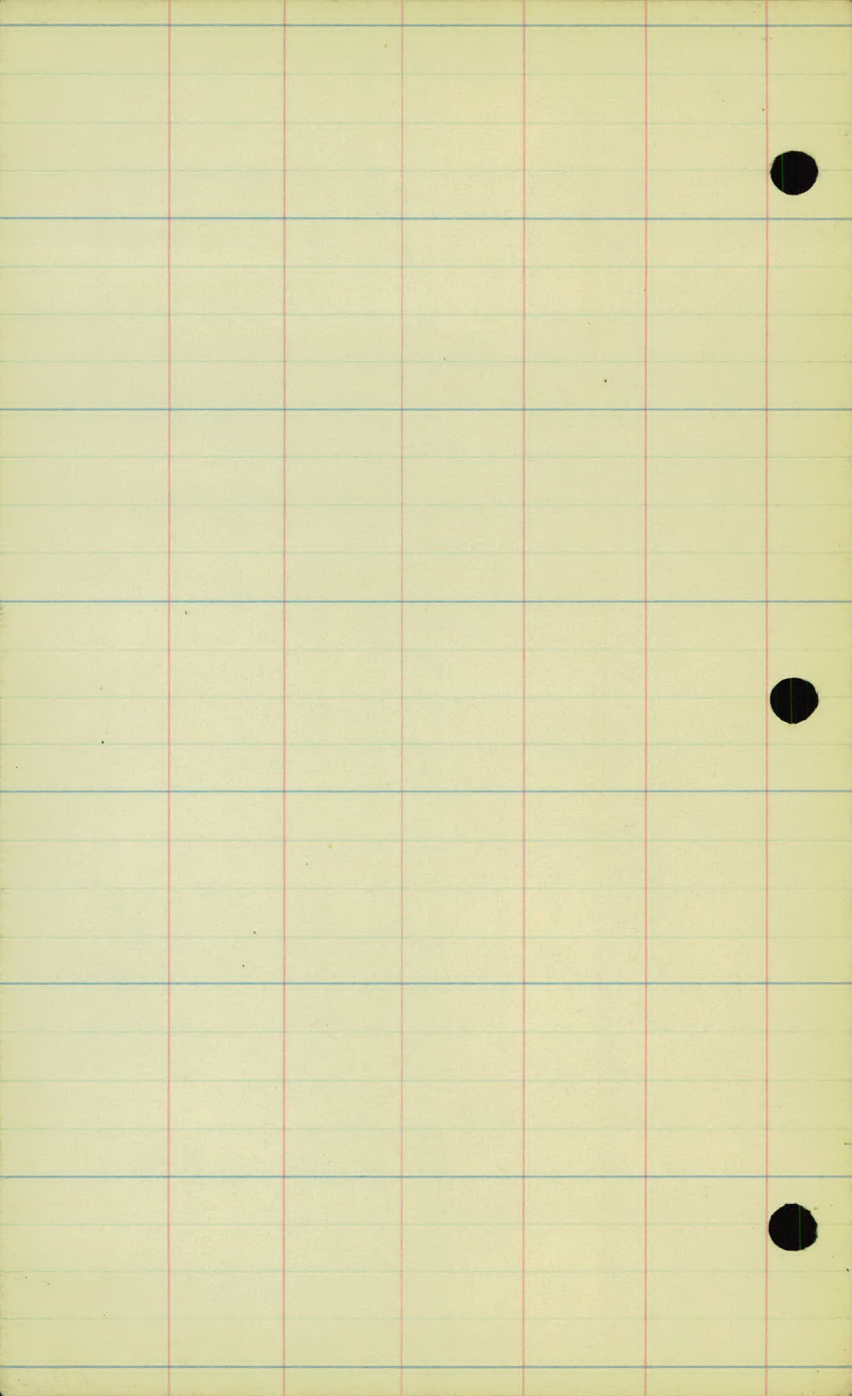
Spl. in T.P. S.E. cor. of Lex. & Larp.

Sta.	+ H.I.	-	Elev.
	721.22		
	1.44 911.44	11.42	909.80
	10.94 912.72	4.70	906.76
	12.04 929.33	0.45	917.27
	11.94 941.09	0.20	929.13
	10.37 950.63	0.85	940.24
	6.94 953.43	4.14	946.49
	5.30 956.10	1.43	950.80
	5.74 957.17	4.67	951.43
B.M.	1.95 959.91	0.21	956.94
	0.13 950.94	7.08	950.83
	10.74 952.33	7.37	941.59
B.M.		2.24	950.07

11/30/25

Spk. in T.P. S.W. Cor. of Snell & Larp.

Spk. in P.P. Lt. Sta. 0700.



check levels from  
Snelling & Larpentour to Co. N.J. "C"  
& Victoria.

Sta.	+	H.I.	-	Elev.	
B.M.	1.68	958.64		954.96	
	4.57	956.39	4.82	951.82	
	4.42	955.48	5.33	951.06	
	3.85	950.84	8.67	947.01	
	0.78	941.54	10.10	940.76	
	0.44	930.56	11.42	930.12	
	0.31	919.14	11.73	918.83	
	2.11	910.12	11.13	918.01	
	10.11	919.37	0.84	919.24	
	10.76	928.27	1.84	917.51	
	11.17	959.08	0.48	927.78	
	9.13	944.95	3.24	935.82	
B.M.	3.61	945.12	3.44	941.51	941.49
	5.53	939.82	10.83	934.29	
	12.52	951.02	1.32	938.50	
	2.17	950.70	2.49	948.53	
	5.40	948.76	7.54	943.16	
	6.83	951.31	4.28	944.48	
	6.55	955.17	2.69	948.62	
	6.60	959.24	2.53	952.64	
	2.99	953.45	8.78	950.44	
B.M.	6.15	953.02	6.58	946.87	946.89
	1.58	949.23	7.37	945.65	
	4.63	945.69	4.17	941.04	
	0.55	936.69	9.55	936.14	
	0.84	928.01	9.54	927.15	

Spk. in T.P. S.W. Cor. of Snelling & Carpenter Ave



Spk. in T.P. S.E. Cor. Lex. & Carp. Ave.



Spk. in P.P. at int. of Co. Rd. "B" & Lex. Ave.



Sta. + H.I. - Elev.

928.01

T.P.

10.29 931.64 6.64 921.35

8.60 939.87 0.37 931.27

1.81 934.10 7.58 932.29

1.01 924.50 10.41 923.49

0.49 913.24 11.75 912.75

1.32 903.72 10.84 902.40

5.89 900.55 9.04 894.66

3.45 900.90 3.10 897.45

6.07 901.53 5.44 895.46

4.53 903.30 2.76 898.77

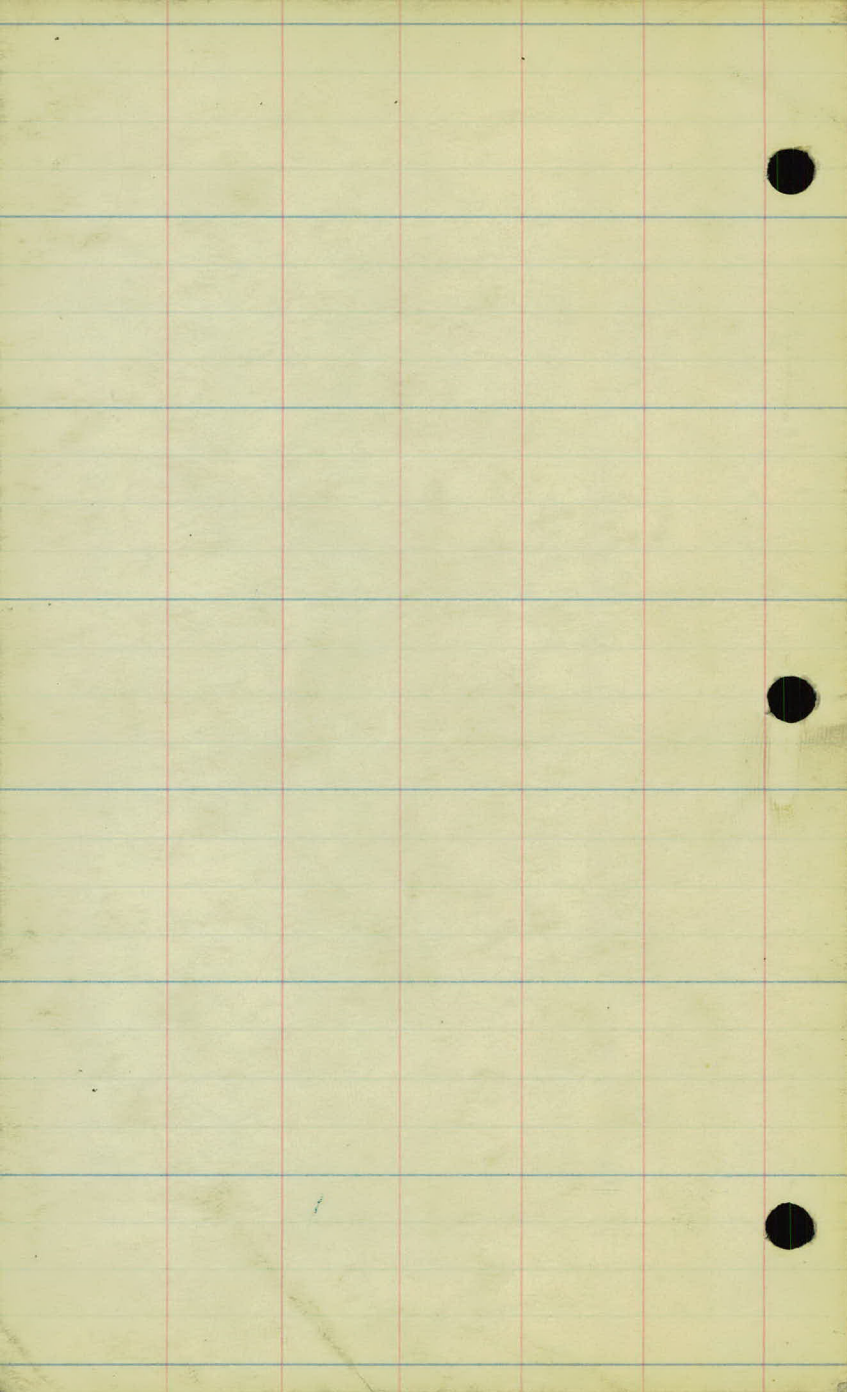
2.30 900.50 5.10 898.20

B.M.

4.29 896.21 896.22

12/1/25

Spk in T.P. at int. of Co. Rd. C' & Victoria St. # 43.



U 2485