

PLANS SURVEY  
OAK HILLS PLACE  
NO. ST. PAUL.  
CO. PROJ. NO. 23-54

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

Date Filed 6-2-24

File No. "6"

Oak Hill Place - Survey  
No. St. Paul.

Transit Notes

Sta 0+00 to 5+00

Austin }  
Koopman } Party  
Maloney }  
Galvin }

5/28/24

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

Date Filed 6-2-24  
File No. "6" (23-54)

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Ang ht.    Ang. Pt.

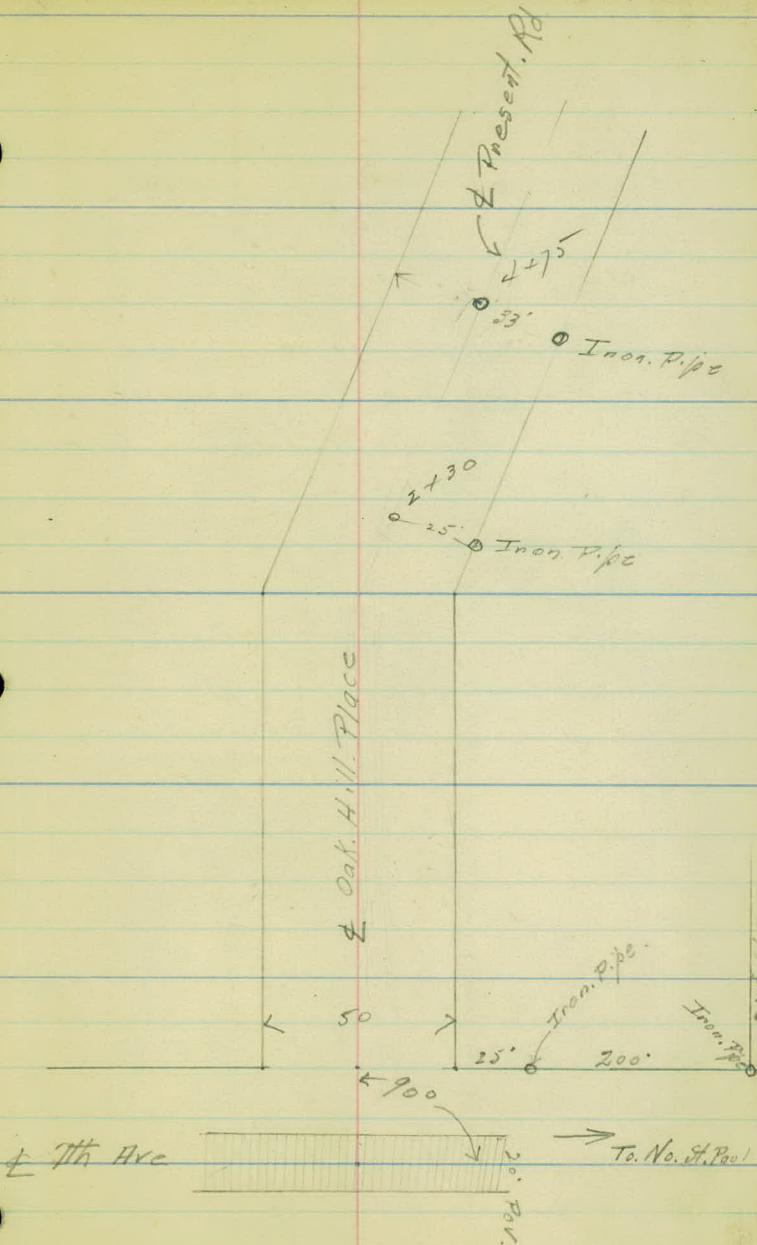
5+00    End Survey

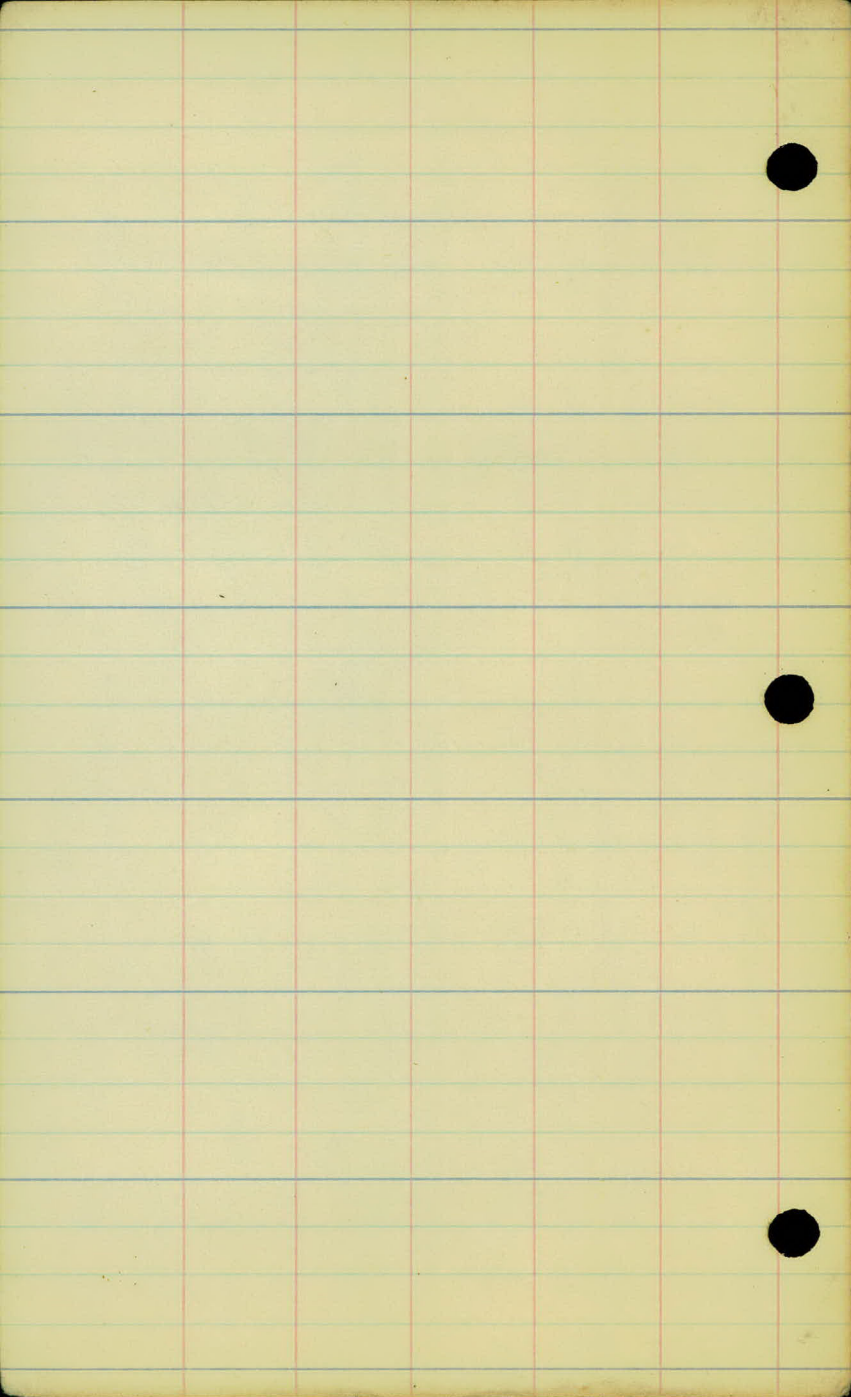
4+75

1+960    P.I.

36° 10'

0+00    ± Par. = 84+60 Approx. Sta Proj. 23-54





Oak Hill Place. - Surrey

Levels and X-sections.

Sta 0+00 to 5+00.

Austin }  
Maloney } Ponty.  
Skooqlan }  
Golvin }

5/28/24.

Station	+	H.I	-	Red. Elev.
B.M.	6.43	303.50 ✓		297.07
T.P.	3.40	301.88 ✓	5.02	298.48 ✓
0+00	L.P.V.			3.40 298.48 ✓
+20				3.30 98.6 ✓
+25				3.4 98.5 ✓
+40				2.0 97.5 ✓
+60				4.7 97.2 ✓
1+00				5.8 96.1 ✓
+50				7.6 94.3 ✓
+75				6.9 95.0 ✓
2+00				7.6 94.3 ✓
+50				9.5 93.4 ✓
3+00				9.6 92.3 ✓
T.P.	1.28	292.19 ✓	10.97	290.91 ✓

Spike in T.P. 35 R. 80 + 65 J. No. 57 Paul Rd.  
Prof. - 23-54

End. Culv.					End. Culv.				
4.8	4.8	4.7	3.4	3.3	3.3	3.6	5.1	5.2	
300	19.0	12.0	12.0	8.5	8.0	18.0	18.0	30.0	

RW					RW				
1.2	1.3	3.2	3.3	3.2	3.6	3.8	2.8	2.3	1.5
33.0	25.0	19.0	14.0	7.0	7.0	18.0	23.0	25.0	33.0

0.1	1.1	3.4	4.1	4.2	4.5	4.6	4.5	2.8	0.0	0.4
33.0	25.0	20.0	17.0	11.0	5.0	15.0	21.0	25.0	26.0	33.0

1.6	2.2	2.3	4.4	4.8	5.2	4.9	2.2	2.2	
33.0	25.0	24.0	19.0	12.0	10.0	20.0	25.0	33.0	

3.5	3.4	5.7	5.7	6.3	6.4	3.9	3.4	
33.0	25.0	20.0	11.0	8.0	19.0	25.0	33.0	

RW					RW				
5.2	5.6	5.6	7.7	7.5	7.7	7.6	5.5	5.2	
33.0	25.0	22.5	17.0	7.0	7.5	19.0	25.0	33.0	

7.0	6.7	6.9	7.5	7.4	6.9	6.9	6.5	6.4	
33.0	25.0	17.0	13.0	8.0	7.0	10.0	25.0	33.0	

9.7	9.4	9.2	9.0	7.7	7.0	6.8	6.3	6.2	
33.0	25.0	22.0	14.5	7.0	8.0	15.0	25.0	33.0	

11.3	11.2	9.7	9.0	8.3	8.8	8.9	8.8	
33.0	25.0	15.5	8.5	7.0	17.5	25.0	33.0	

11.1	11.2	12.0	10.9	10.2	9.8	9.6	9.2	9.1	
33.0	25.0	22.5	18.0	12.0	9.0	16.5	25.0	33.0	

Borrow Pit.

Station	+	H.I.	-	Rod.	Elev.
		292.19 ✓			
3 + 50				1.4	90.8 ✓
4 + 00				3.9	89.3 ✓ 88.3
+ 50				7.0	85.2 ✓
5 + 00				11.1	81.1 ✓
B.M.			896	283.23 ✓	

Kt.

L

Rt.

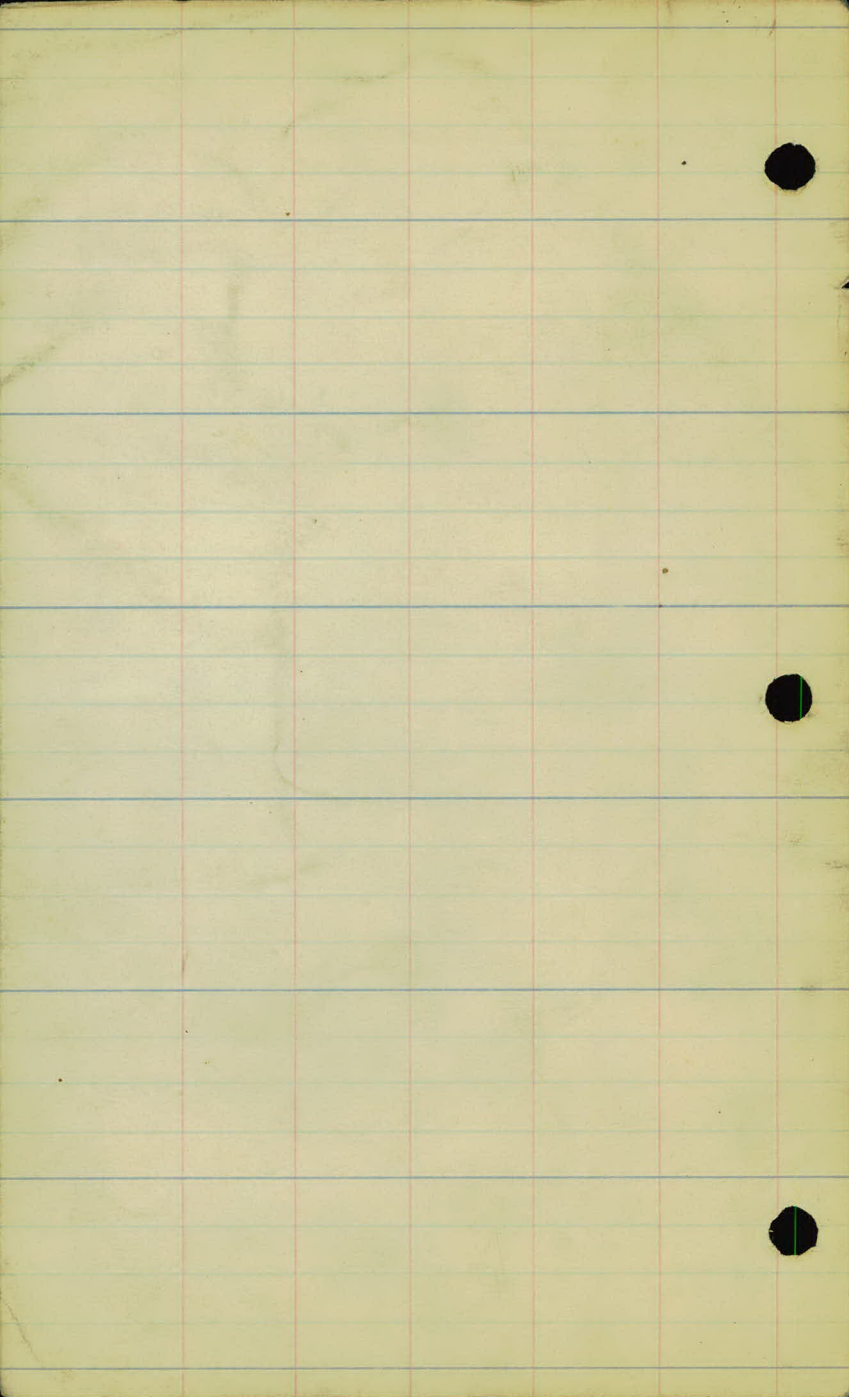
$\frac{1.4}{33.0}$	$\frac{1.1}{25.0}$	$\frac{1.2}{23.0}$	$\frac{3.3}{19.0}$	$\frac{2.1}{15.0}$	$\frac{1.5}{8.0}$	1.4	$\frac{1.6}{7.0}$	$\frac{2.4}{12.0}$	$\frac{2.4}{18.0}$	$\frac{1.7}{20.0}$	$\frac{1.7}{25.0}$	$\frac{1.6}{33.0}$
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$\frac{4.6}{33.0}$	$\frac{4.7}{25.0}$	$\frac{4.6}{19.0}$	$\frac{5.0}{17.0}$	$\frac{4.1}{7.0}$	3.9	$\frac{4.2}{8.0}$	$\frac{4.6}{15.5}$	$\frac{4.4}{17.0}$	$\frac{3.6}{21.5}$	$\frac{3.7}{25.0}$	$\frac{4.0}{33.0}$
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$\frac{7.2}{33.0}$	$\frac{8.0}{25.0}$	$\frac{8.3}{17.0}$	$\frac{8.6}{13.0}$	$\frac{7.6}{8.5}$	7.0	$\frac{7.4}{8.0}$	$\frac{8.1}{13.0}$	$\frac{8.8}{18.0}$	$\frac{8.3}{20.5}$	$\frac{8.2}{25.0}$	$\frac{7.8}{33.0}$
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$\frac{11.7}{33.0}$	$\frac{11.7}{25.0}$	$\frac{12.0}{14.0}$	$\frac{12.0}{9.5}$	$\frac{11.5}{5.0}$	11.1	$\frac{11.2}{7.0}$	$\frac{11.6}{13.0}$	$\frac{12.8}{18.0}$	$\frac{12.3}{21.0}$	$\frac{12.7}{25.0}$	$\frac{12.6}{33.0}$
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Top Hyd. 20' Rt. Sta 5+00 (Top of Plug)



Project 23-54

slope stakes.

Oak Hill Place & No. ST. P Road

W.H.C.

M.C.E. June 4/24

M.A.G.

T.F.

Station	+	H.T	-	Elev.	G.Rod.
	6.30	303.37		297.07	
0+25				98.54	4.8
0+60				98.31	5.1
1+00				97.35	6.0
1+50				96.00	7.4
1+75				95.32	8.1
2+00				94.65	8.7
1+50				93.30	10.1
T.P.	0.88	293.30	10.95	292.42	
3+00				91.95	1.3
1+50				90.14	3.2
4+00				87.40	5.9
1+50				84.20	9.1
T.P.	6.37	288.94		10.73	282.57
5+00				81.00	7.9
B.M.			5.71	283.73	

Lt.

L

Rt.

$$\begin{array}{ccccc} \frac{c.2.0}{25.1} & \frac{.00}{15.5} & \frac{-.02}{0} & \frac{-.04}{15.6} & \frac{c.0.8}{25} \end{array}$$

$$\begin{array}{ccccc} \frac{c.1.4}{25} & \frac{.41}{16.5} & \frac{.41}{-1.0} & \frac{.65}{-1.4} & \frac{3.8}{c.1.3} \\ & & \frac{0}{0} & \frac{0}{17.1} & \frac{0}{25} \end{array}$$

$$\begin{array}{ccccc} \frac{c.1.2}{25} & \frac{-1.4}{17.1} & \frac{-.13}{0} & \frac{-2.0}{18.0} & \frac{c.0.7}{25} \end{array}$$

$$\begin{array}{ccccc} \frac{c.02}{25} & \frac{-1.8}{17.7} & \frac{-2.0}{0} & \frac{-1.7}{17.6} & \end{array}$$

$$\begin{array}{ccccc} \frac{.00}{25} & \frac{-.04}{15.6} & \frac{-.03}{0} & \frac{-.03}{15.5} & \frac{.00}{25} \end{array}$$

$$\begin{array}{ccccc} \text{D.C. } \frac{.00}{23} & \frac{-.09}{16.4} & \frac{-.04}{0} & \frac{.00}{5} & \frac{c.0.8}{25} \end{array}$$

$$\begin{array}{ccccc} \frac{-1.1}{17.1} & \frac{+0.0}{0} & \frac{.00}{15} & \text{D.C. } \frac{1.8}{24.8} & \end{array}$$

$$\begin{array}{ccccc} \frac{-.08}{16.2} & \frac{+0.3}{0} & \frac{.00}{15} & \frac{+0.6}{25} & \end{array}$$

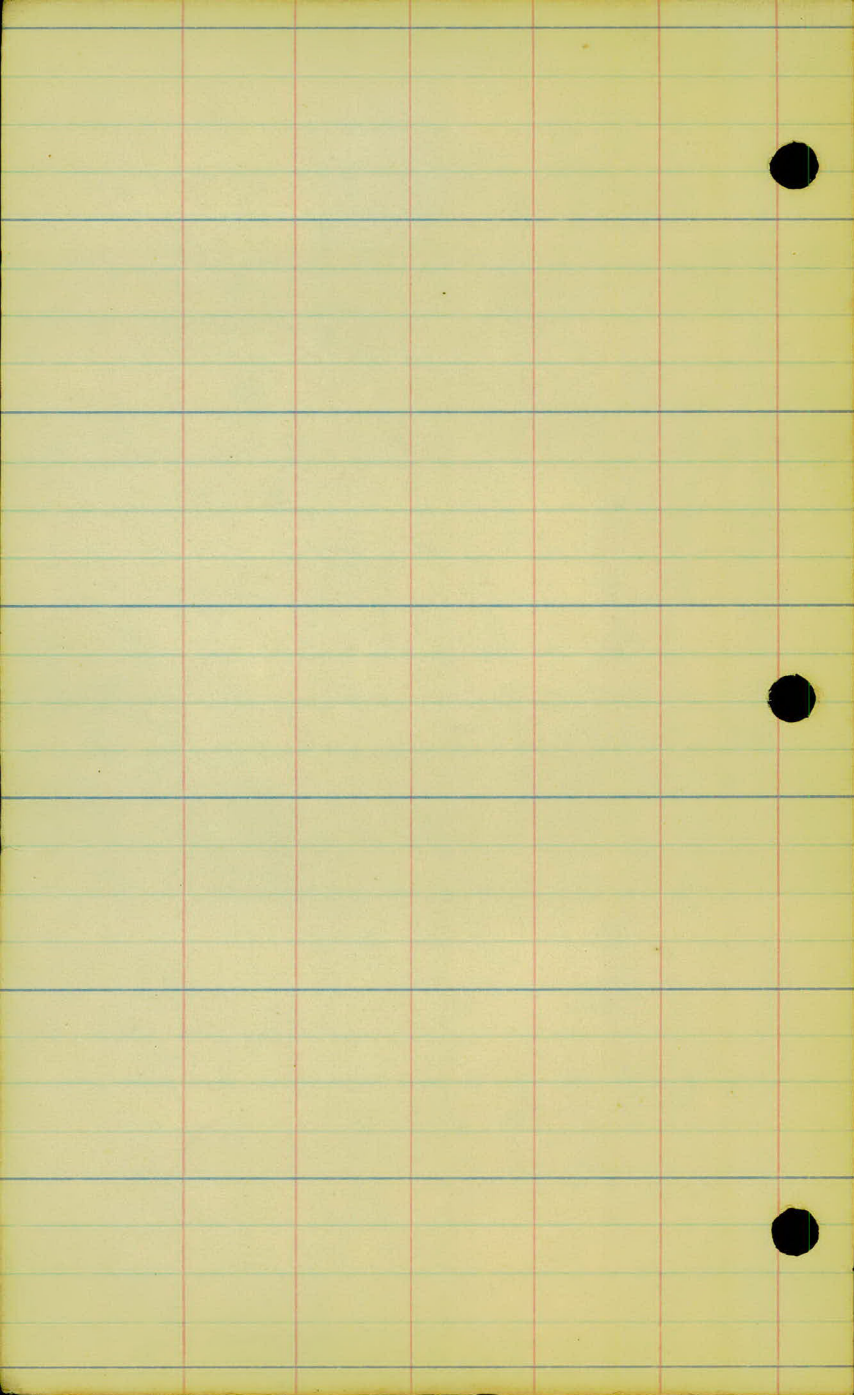
$$\begin{array}{ccccc} \frac{+1.0}{25} & \frac{0.0}{15} & \frac{+0.7}{0} & \frac{-0.3}{15.5} & \frac{+0.4}{25} \end{array}$$

$$\begin{array}{ccccc} \frac{.00}{25} & \frac{0.0}{15} & \frac{+0.8}{0} & \frac{+1.0}{25} & \end{array}$$

$$\begin{array}{ccccc} \frac{.00}{25} & \frac{-.04}{15.6} & \frac{+1.0}{0} & \frac{-.07}{16.1} & \frac{\text{D.C. } 1.7}{24.7} \end{array}$$

$$\begin{array}{ccccc} \text{D.C. } \frac{1.4}{24.4} & \frac{-.06}{15.9} & \frac{.00}{0} & \frac{-1.2}{16.8} & \frac{\text{D.C. } 0.7}{23.7} \end{array}$$

Top Hyd.



± Levels

Bald Eagle Ave.

As Graded Sta. 94-98

Station	+	H.±	-	Elev	Profile Grade
	5.68	233.79		228.11	
98			64	227.4	227.2
456			76	226.4	226.4
97			82	225.6	225.4
96			99	223.9	223.75
95			106	223.2	223.15
94			104	223.4	223.60

U2450