Bk. 34 Dr 12A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan ..... Survey

Harvester Ave

From Stillwater Rd To Sterling Ave

Road Acc't. No. N-25

Date Filed ..... File .....

PLAN SURVEY

HARVESTER AVE

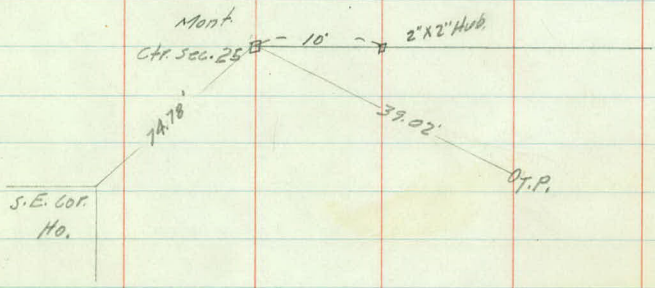
Stillwater Rd. to Sterling Ave.

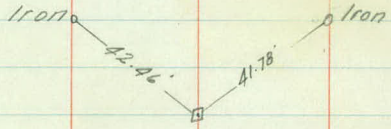
Plans Started
" Completed

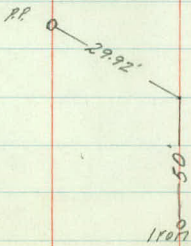
INDEX.

Alignment

Sta.	Point	Δ Lt	Δ Rt.
6 +51.70	= ℄ Sterling Ave.		
2 +52.41	P.I.	65°39'	
0 +00	= ℄ Stillwater Rd.		


Mont.
Ctr. Sec. 25
10'
2"X2" Hub
14.78'
39.02'
T.P.
S.E. Cor.
No.


Iron
42.46'
41.78'
Iron


P.P.
29.92'
50'
Iron

Topography

+46-Turnpike X's &.

+24-Cor. Turnpike-8'

+26-Cor. Turnpike-9'

+21-T.P.-15'

6 9' 10'

+90-End Brush-28'

+62-S.W Cor. Ho-43'

+55-Brush-20'-40'

+30-Beg. Brush-28'

5 8' 12'

+80-12" Trip B.E-36'

+54-T.P.-15'

4 9' 13'

3 +02-Beg. Turnpike-8' 12'

+90-T.P.-15'

+89-1" Elm-9'

+52-Bushes-47'

2

+48-Beg Con Bushes-00

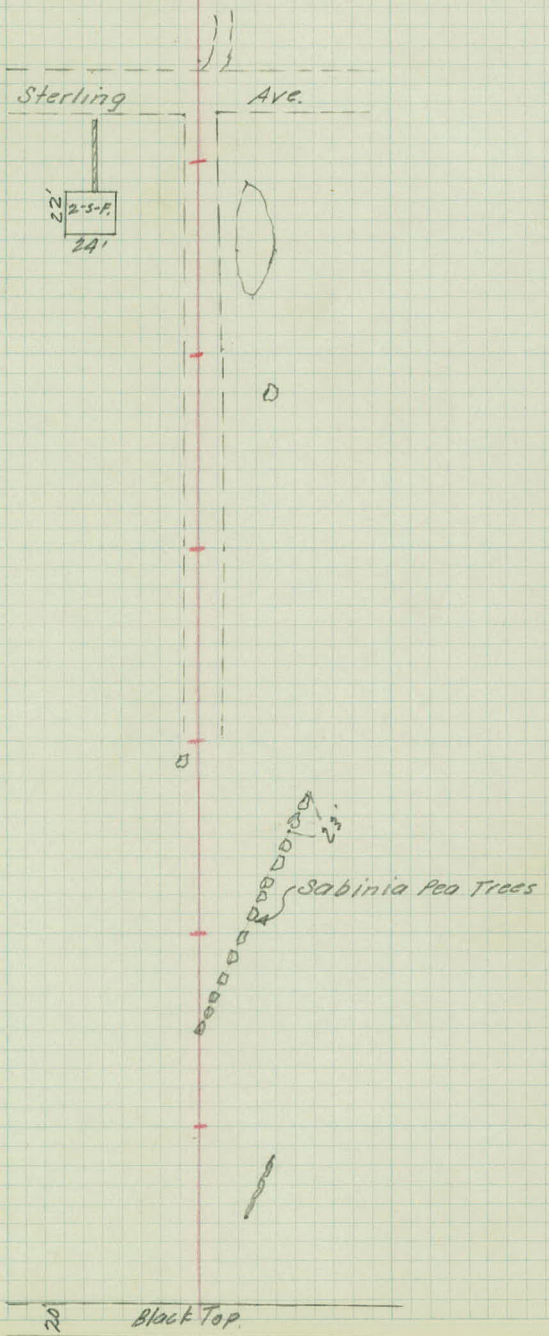
1

+85-End Bushes-39'

+52-Row Bushes-24'

0 +18-R.P.-25'

+09-Edge Bl. Top


Sterling
Ave.
22'
2-S-F.
24'
23'
Sabinia Pea Trees
20'
Black Top.

xSections

Sabinia

Sta.		+	π	−	Elev.	
B.M.		2.71	1024.19			(1021.48)
T.P.		3.85	1022.21	5.83	1018.36	
B.M.				4.32	1017.89	
0	+00				17.42	
	+09				17.31	
	+17				17.1	
	+19				16.4	
	+22				16.9	
	+33				17.4	
1					17.6	
	+50				17.5	
2					17.4	
	+37				17.5	

Lt. Ø Rt.

Top S.E. Cor. Stoop Ent. #10 Ho. N.W. Cor. Sterling #Harvester.

Spike in P.P. 25' Lt. sta. 0+10

4.79

4.95/50 4.90 4.85/50

5.2/50 5.1 5.0/50

6.3/100 6.3/50 5.8 6.0/50 6.2/100

5.3/50 5.3 5.4/50

5.2/50 4.7/20 4.8 4.7/20 4.9/50

4.3/50 4.4/21 4.6 4.7/20 4.5/50

4.6/50 4.6/20 4.7 4.7/20 4.8/50

4.7/50 4.7/20 4.8 4.8/20 4.6/50

4.5/50 4.8/20 4.7 4.8/20 4.6/50

Sta.	+	H	−	Elev.	
		1022.21			
2	+67			17.5	
3				17.8	
	+50			18.6	
4				18.3	
	+50			18.5	
T.P.	5.07	1024.19	3.09	1019.12	
5				18.9	
	+50			19.0	
6				19.0	
	+20			19.0	
	+51.7			18.7	
B.M			2.69	1021.50	(1021.48)

Lt. ℄ Rt.

4.9/50 4.8/20 4.7 4.5/20 4.5/50

4.5/50 4.5/20 4.4 4.3/20 4.6/50

3.9/50 3.9/9 4.6/7 3.9/5 3.6 3.7/9 4.5/11 3.8/12 4.0/50

4.0/50 4.1/9 4.9/8 4.2/5 3.9 4.2/9 5.0/12 4.1/13 4.6/50

3.8/50 3.9/9 4.7/8 3.9/5 3.7 3.8/9 4.7/11 3.9/12 4.2/50

5.5/50 5.6/9 6.3/8 5.6/5 5.3 5.5/8 6.1/11 5.7/12 5.7/50

5.3/50 5.6/8 6.2/7 5.5/4 5.2 5.4/7 6.1/10 5.6/11 5.9/50

3.6/50 4.5/31 5.3/19 6.0/7 5.4/5 5.2 5.3/8 5.8/9 5.2/10 5.6/50

4.5/50 5.3/37 5.3/8 5.8/7 5.2/5 5.2 5.3/20 6.1/50

5.6/50 5.5 5.9/20 7.3/50

Top S.E. Cor Conc. Stoop Ent. to Ho. N.W. Cor Harvester & Sterling Ave's.

Slope Stakes

Harvester Ave.

Stillwater Road to Sterling Ave.

Sta.	+	H	−	Grade	
B.M.	4.40	1022.29			(1017.89)
0 +00				17.42	
0 +42				17.2	
1				17.3	
+50				17.5	
2				17.6	
+22				17.6	
+35				17.7	
+99				17.7	
+63				17.8	
3				17.9	
+50				18.1	
4				18.2	

8-1-40

Gr. Rod	Lt.	E	Rt.
Spike in P.P. 25' Lt. of			
5.1	15.7' / 5.0 +0.1	47 +0.7	45 +0.6 / 17.2'
5.0	15.4' / 5.0 +0.0	46 +0.7	47 +0.3 / 16.3'
4.8	15.7' / 4.7 +0.1	47 +0.7	49 +0.7 / 15.1'
4.7	15.1' / 4.8 +0.7	47 +0.0	48 +0.7 / 15.1'
4.7	15.1' / 4.8 +0.7	44 +0.3	48 +0.7 / 15.1'
4.6	14.8' / 4.8 +0.6	45 +0.1	53 +0.1 / 13.3'
4.6	14.6' / 4.9 +0.5	45 +0.1	48 +0.6 / 14.8'
4.5	14.5' / 4.8 +0.5	45 +0.0	47 +0.6 / 14.8'
4.4	14.8' / 4.6 +0.6	42 +0.2	44 +0.0 / 15.4'
4.2	16.3' / 3.9 +0.3	36 +0.6	3.8 +0.4 / 16.6'
4.1	15.7' / 4.0 +0.1	40 +0.1	42 +0.7 / 15.1'

Sta.	+	H	−	Grade	
		1022.29			
4 +50				18.3	
T.P.	4.40	1023.42	3.27	1019.02	
5				18.3	
+50				18.1	
6				17.8	
+13				17.6	
B.M.			1.92	1021.50	(1021.98)

8-1-40

Gr. Rod	Lt.	℄	Rt.
4.0	16.0 / 3.8 +0.2	3.6 +0.4	4.0 +0.1 / 15.7'
5.1	16.6' / 4.7 +0.9	4.4 +0.7	4.8 +0.3 / 16.6'
5.3	16.3' / 5.0 +0.3	4.5 +0.8	4.8 +0.5 / 16.9'
5.6	18.7' / 4.5 +1.1	4.3 +1.3	4.2 +1.4 / 19.6'
5.8	19.6' / 4.4 +1.9	4.3 +1.5	4.3 +1.5 / 19.9'

Top S.E. Cor. Conc. Stoop N.W. Cor. Sterling + Harvester Ave's