Book # 75 - Dr # 8

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Xsection Survey

KELLER PKWY PUMP

From ..... To .....

Road Acc't. No. .....

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

X Section
Keller Pkwy.
Near Pump.

B.M.	3.16	867.06		863.90	
0+00	Edge Pave.				63.46
+50					62.26
1					62.16
+50					62.26
2					62.16
+50					61.66
3					61.46
+15	Top Flow.				61.56
+50					61.26
4					61.16
+50					61.26
+86					61.36
T.P.	4.75	866.05	5.76	861.30	
5					61.45

5- 33

L ℄ R

Spk in 12" W.H. at mouth of Ditch.

Top. ×

4.5	4.1	4.2			3.9	4.3	3.0	1.7	
31	17	12	3.6		11	13	15	22	

4.6	4.4	4.8	5.2		4.9	4.2	3.6	0.8	S.O
50	34	19	16	4.8	16	17	19	24	

× = Top Ditch E. ×

4.4	4.1	5.4			4.9	5.0	4.3	1.0	S.O.
47	27	15	4.9		12	15	20	25	

Toe.

° 7.1	×								
35	4.2	3.9	5.0	5.5		5.0	3.8	0.7	S.O.
	29	25	18	11	4.8	9	17	23	

° 7.1	×			5.7					
40	3.9	4.0	4.9	5.3	4.7	5.0	4.7	3.1	0.3
	32	27	20	15	13	11	14	21	27
					4.9				S.O.

° 7.0	×								
52	4.4	4.1	5.2	5.9	6.0	5.6	5.0	1.3	0.0
	46	32	24	14	10	11	18	33	36
					5.4				S.O.

° 7.0	×								
42	4.9	4.8	6.1			5.9	5.4	1.2	0.0
	35	27	14		5.6	10	21	38	42
									S.O.

			5.9			5.8			
			16		5.5	16			

		5.2	5.6	6.3		6.4	6.4	5.7	4.1	0.4
		46	23	13	5.8	13	17	18	28	37
										S.O.

5.7	5.9	6.0	6.4		6.1	6.7	6.5	5.5	3.2	0.2
45	30	15	12	5.9	15	17	20	28	41	50
										S.

× ×

6.1	6.5	6.2	6.1		5.9	6.9	6.6	5.5	1.4	0.0
50	45	27	12	5.8	13	18	21	27	44	50

×

6.1	6.3	5.8	6.0		6.1	4.5	2.3	0.0
40	36	25	12	5.7	13	20	37	32

×

7.7	5.3	5.0			5.1	5.1	3.0	0.0
35	30	13	4.6		12	14	19	24

866.05

5+25				61.55
+41	Face of Bridge			61.65
B.M.		2.16	863.89	

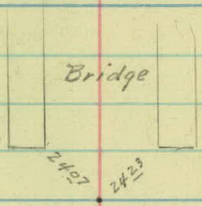
L ℄ R

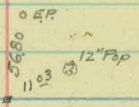
7.7 / 34	4.8 / 29	4.7 / 16	4.5	5.1 / 10	5.4 / 13	3.6 / 15	0.0 / 21

7.7 / 35	5.3 / 31	4.6 / 15	4.4	5.1 / 10	5.20 / 13

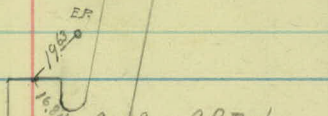
Spk. in 12" Will.

Sta.		Ang Lt	Ang Rt.	
5+71.90	P.T.		24°50'	Δ 49°40' Rt.
+50			18°29'	D=58°
5+34.09	P.I.			T=47.73
+25			11°14'	L=85.63
5			3°59'	R=956.02
4+86.27	P.C.			
+34.62	P.T.	20°30'		
3		17°23'		Δ 41°Lt
+50		12°53'		D=18°
2+22.37	P.I.			T=119.53
2		8°23'		L=227.78
+50		3°53'		R=319.69
1+06.84	P.C.	} EQUATION		
1+02.84 =				
0+00		End pave.		





41-18'
June 1936



5

4

3

2

1

0+00

S.T.H. #1 To Duluth →

+41 Face of Bridge

47' 17.8

Park Area

Slope up to pave.

+69 X Dr.

+13 E.P. 16'

E Edge Ditch 43'

+85 Clump -12-2" Will 30'

+15 Ctr Flow
4-15" X 30' C.M.
+94-10" Oak 22'
+75 E.P. 13'

+52 E Edge Ditch 52

+04-18" Pop 24'
E. Edge Ditch 39'

+26-12" Pop. 31'

+83-15" Tw. Pop 23'

+50 E. Edge Ditch 35
+42-Tw. 6" Will 24'

Park Area.

Slope up To pave

+43 E.P. 15'

E. Edge Ditch 46'
+96-15" Will 21'

+32-6" Will 28'

+03-12" Will. 31'

+10 E.P. 17'

Levels near Pump House

@ T. H. #61 & Kellar Parkway.

W. N. Carlson

May 11, 1936

B.M.	7.45	874.67		867.22	Top of Gate Post
0+68.5 = Top Flange			1.29	73.4	
0+68.5 = Top Stone Over Pipe			0.85	73.8	
0+54 = Top of Wall			2.5	72.17	
0+53 = Bottom of Wall			3.7	71.0	
0+46			4.7	70.0	
0+25			9.8	64.9	
0+17			12.0	62.7	
6+11.5			12.6	62.1	
6+00 = Flow Line 4- 15" C.M.C.U.			15.76	58.91	