

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

FORT SNELLING CONN. TO MEN. BR.

From U.S. Engr's Bridge Co. Mendota Bridge

Road Acc't. No. 98

Date Filed 10-10-27

File

10-10-27

÷ ALIGNMENT ÷

25-58

FORT SNELLING

ROAD MAP SURVEY

FORT SHELLING-MENDOTA BRIDGE CONN.

Road Acct. #98

Office of Ramsey Co. Engineer
ST. PAUL, MINN.
Date Filed 10-10-27
File No. 16

Received 5-6-27
O. H. J. J. J. J.

STA. P.T. Δ LT. Δ RT.

6+75.06 P.T. ✓ $19^{\circ}05'30''$

+50 $17^{\circ}50'$

6+00 $15^{\circ}20'$

+50 $12^{\circ}50'$

5+00 $10^{\circ}20'$

4+91.80 P.I. $\Delta 38^{\circ}11' R.$

+50 $7^{\circ}50'$ D. $10^{\circ}00'$

4+00 $5^{\circ}20'$ T. 198.57

+50 $2^{\circ}50'$ L. 381.83

3+00 $0^{\circ}20'$ R. 573.69

2+93.23 P.C. ✓ $0^{\circ}00'$

0+00 BEGINNING FORT SNELLING BRIDGE

FORT SNELLING
5-4-27
CLOUDY & COLD - RAIN

179.6°
8-11
1414.9

{ A.W.L.
A.L.P.
W.G.A.
M.B.

• NAIL IN PAVE

SPK.

6.20

15.5

74.40
CINC. QUARR
RAIL POST.

00+32.8E

GARAGE ROAD 2

NAIL IN PAVE AT PC.

100°00'

Sta. P.T. Δ L.T. Δ R.T.

13+00.55 E MENDOTA PAVEMENT

12+82.40 END RAMSEY CO. PAVEMENT

11+55.16 P.T. $13^{\circ}04'20''$ ✓

+50

$12^{\circ}35'$

11+00

$7^{\circ}39'$

10+90.33 P.I.

$\Delta 26^{\circ}09' L$

+50

$2^{\circ}43'$ ✓

D. $19^{\circ}43'$

10+22.52 P.C.

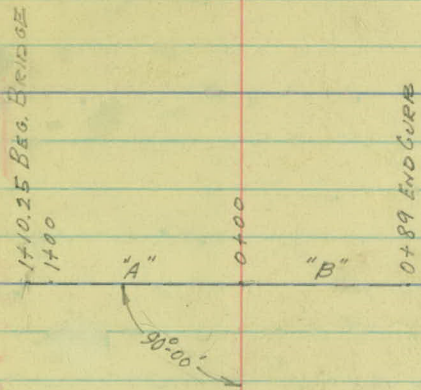
$0^{\circ}00'$ ✓

T. 67.81'

L. 132.64'

R. 292.04'

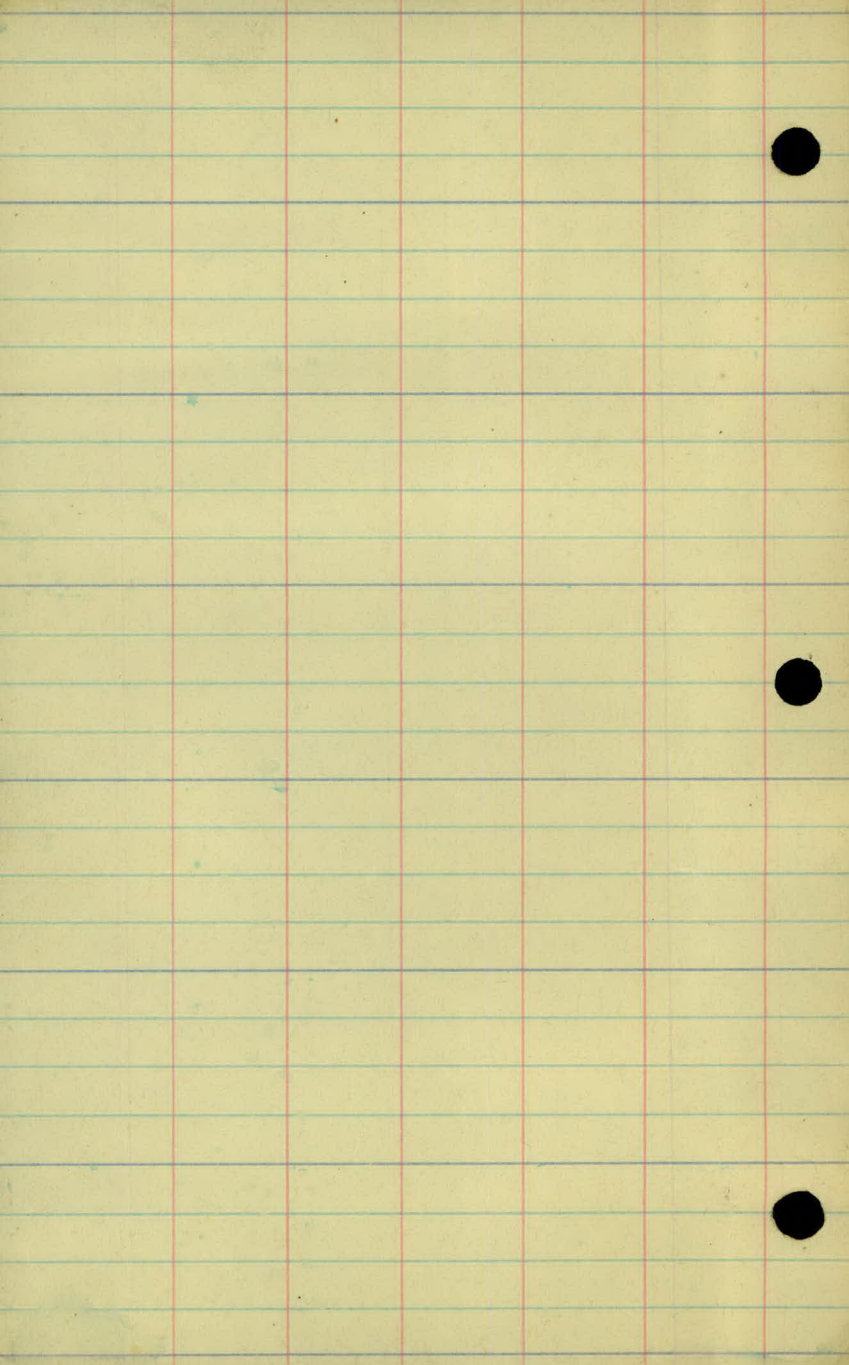
/



• NAIL IN PAVE.

• NAIL IN PAVE.

• NAIL IN PAVE.



(4)

PROJ. 25-58

FORT SNELLING.

2 CURB
LT. RT.

2+50

2+00

18.3

18.2

1+50

1+00

18.3

1' HEADER.
17.5

0+50

0+00

- +184 END CURB 33.2
- +181 END HEDGE 25
- +181 CURB 22.3

- +184 C.B. 35
- +184 END CURB 33.2
- +184 END HEDGE 25
- +184 CURB 22.9
- +173 BEG. RAD. 18
- +172 CURB C.B. 19.5

- +169 BEG. RAD. 17.8
- +169 CURB C.B. 19

HEDGE 25'

HEDGE 25'

HEDGE 25'

- +179 4' WALK 18.4
- +173 Tr.P. 24
- +150 CURB 17.8
- +180 COR. HEDGE 26
- +186 CURB 23
- +130 BEG. CURB 33.3

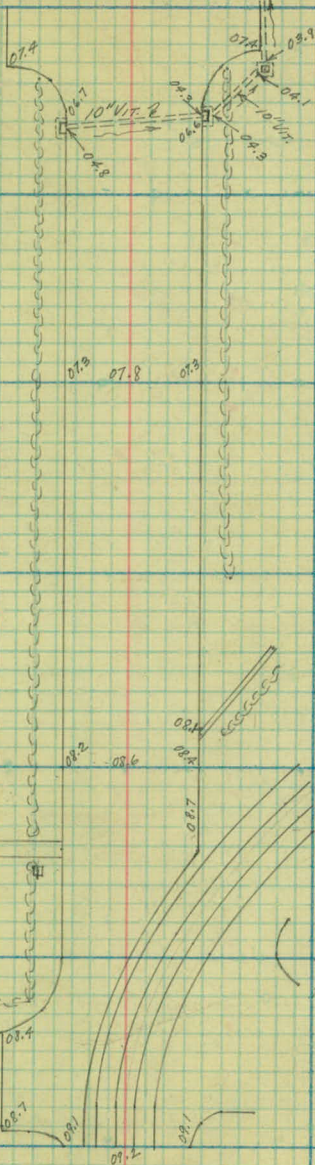
- +107.5 END CURB 33.6
- +107.5 CURB 26.2
- +104 CURB 19.3
- +100 CURB 17.7

- +149 BEG. HEDGE 26
- +131 COR. WALK 39
- +110 BEG. CURB 18.3
- +109 3' WALK 19.5
- +109 Tr.P. 25.5
- +108 HEDGE 21
- +100 6 TRACKS 57

+179 COR. PAVE 18.2

- +161 CURB 43.0
- +151 CURB 40.1
- +150 8 TRACK 12
- +143 END RAD. 44.5

- +109 END CURB 33.2
- +109 END RAD. 25.8
- +106 CURB 19.6
- +100 CURB 17.2



LT. ^{ECURB} RT.

6+00

18.1

18.4

5+50

18.0

18.4

5+00

18.2

18.3

4+50

18.1

31.0

4+00

18.2

3+50

CURB
18.2

CURB
18.3

3+00

32.6

33.3'

+52 CURB 23.7
 +49 CURB 19.5
 +46 CURB 17.4

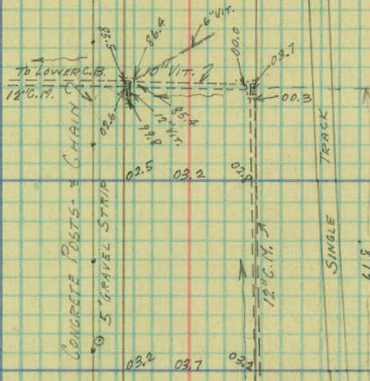
(6)

G.R. 26.8

02.7 03.2 02.0

+1/2 TR.P. 25
 +100 TRACK 34.5

+75 C.B. 17
 +72 C.B. 17



+75 C.B. 17
 +74 TR.P. 26

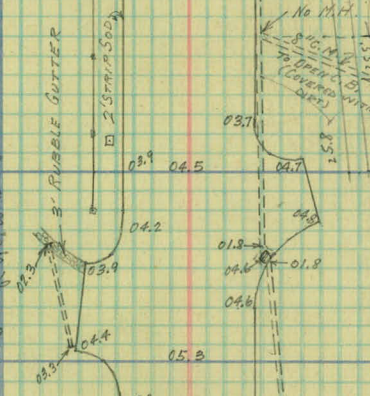
G.R. 26.8

+100 TRACK 26

+108 G.P. 25
 G.R. 26.8

+15 TR.P. 26
 +105 P.P. 26
 +100 TRACK 39.5

+58 TEL. M.H. 32
 +50 G.R. 26.8
 # 42
 +40 G.P. 26.8
 +35 CURB 18.3
 +31 10\"/>



+64 CURB 18.4
 +61 TR.P. 35
 +55 CURB 22.2
 +53 CURB 20.6
 +50 TRACK 45

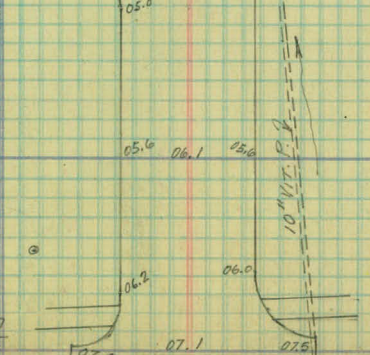
+04 10\"/>

+37 END CURB 34.1
 +38 CURB 23.2
 +28 C.B. 20.5

+89 CURB 18.4

+19 TR.P. 37.5
 +15 BEG. RAD. 18.3
 +100 TRACK 52.7

+37 HYDRANT 37
 +15 CURB 18.2
 +01 2\"/>



+21 BEG. RAD. 18.2
 +126 MARK 31
 +08 CURB 23.4
 +04 BEG. RAD. 23.2
 TRACK 67

LT. ^{ECURB} RT.

9+50

9+00

18.3

18.2

8+50

8+00

18.3

18.3

7+50

7+00

18.4

18.3

6+50

18.3

+20 G.B. 17
+00 G.R. 27

+40 M.H. 36'
(COVER) 00.9

G.R. 26.8

G.R. 26.8

G.R. 26.8



+40 CURB 18.1
+36 " 19.4
+35 " 22.9

+19 CURB 23.9
+17 " 19.4
+14 " 18.2

± TRACK 35

± TRACK 35.5

± TRACK 35.5

+73 CURB 18.2
+70 CURB 19.6
+68 CURB 22.6
+52 " 22.7
+50 ± TRACK 35.5

ECURE
LT. RT.

13+00

12+50

12+00

18.5 18.5

11+50

18.2 18.3

+25

17.7 19.0

+25

11+00

18.1 18.6

10+50

18.3 18.3

10+00

18.3 18.3

⑧

1400 A"

1400 "B"

0400 A x B

↙ " " A LINE

14 11
B LINE?

MPLS. CONC. PAVING

← EDGE OF COUNTY PAVING

CAR TRACK 2

10.4

10.1

12.6

+50 G.R. 47.5
+50 CURB 36.2

+25 G.R.	31.0
+25 CURB	21.9

G.R. 26.4

+96 CURB 18.2

G.R. 26.6

400 G.R. 26.3

464 C.B. 17

100 G.R. 26.8

G.R. 26.8

09.8

10.9

09.6 10.9

09.2 10.4 10.6

08.6 09.7 09.7

07.9 08.8 08.7

07.1 07.9 07.6

06.4 07.0 06.7

159 BEG. CURB 39.7

453 ET RACIC 35

747 ENCURE 30.6

+25 CURB	21.8
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405 CURB	18.7
ETRACIS	34

④ TRACK 32.5

ETRAIC 30.5

+50 ETRAC 31.5

TOO E TRACK 34

EDGE B.T. PAVE.
LT. RT.

"B" LINE
9' CONC.

1+00 "B"	18
+75	19.6
+50	18.9
+25	18.2
0+00 "B"	18.0

"A" LINE

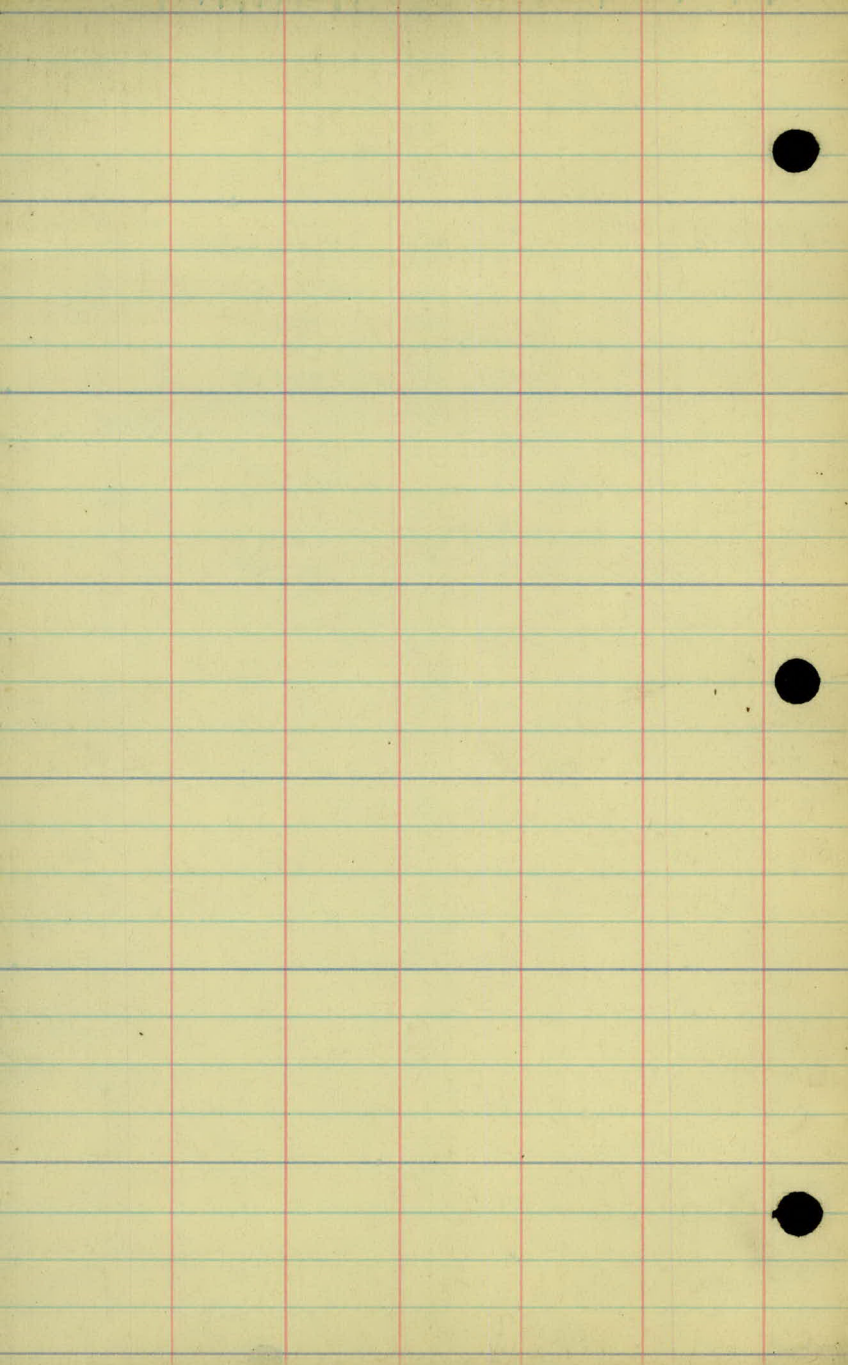
1+00 - "A"	24.7
+75.5	22.7
+50	20.8
+25	18.9
0+00 "A"	18.0

+36 EST. C.R.

+89 END CURB 20.4
+75 CURB 22

+50 CURB 38.5
+43 C.B. 17.5

+10 END G.R. 32
+10 CURB 25.6
+00 G.R. 31.6
+00 CURB 25
+90 CURB 24.6
+75 G.R. 36
+75 CURB 27.3



GARAGE RD.
FORT SNELLING

STA. PT. Δ LT. Δ RT.

"GARAGE ROAD"

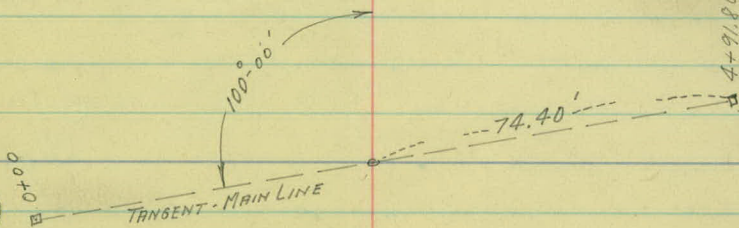
3+45.82 END

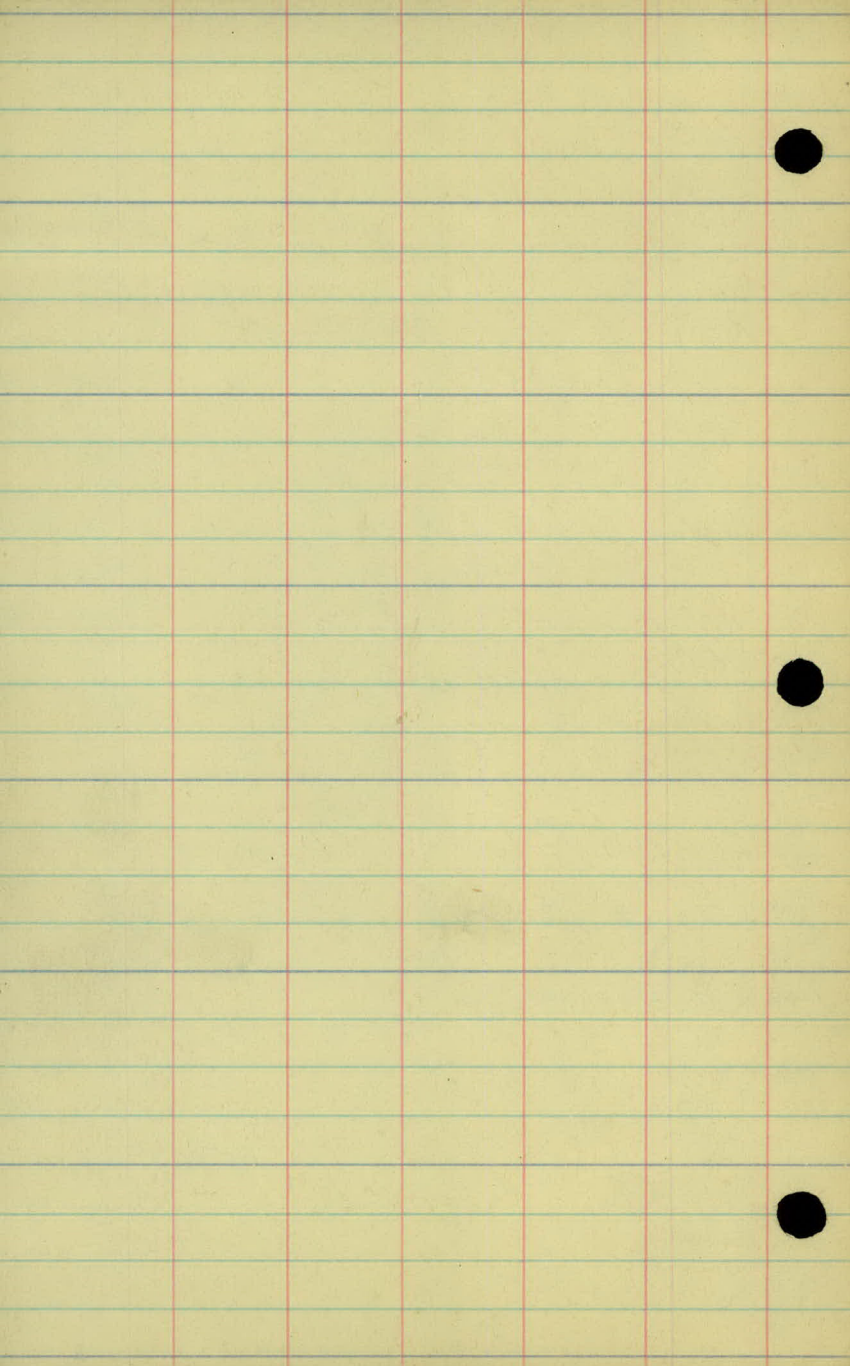
2+10.72 P.I. $27^{\circ}41'$

1+36.95 P.I. $13^{\circ}45'$

0+32.85 P.I. $73^{\circ}11'$

0+00 GARAGE RD.





STA.

LT.

RT.

GARAGE RD.

4+00

+45

12'

3+00

11.3'

+75

11.3

+40

11.5

18'

2+00

9.8'

+50

9'

+35

8'

1+00

10'

+50

7'

+35

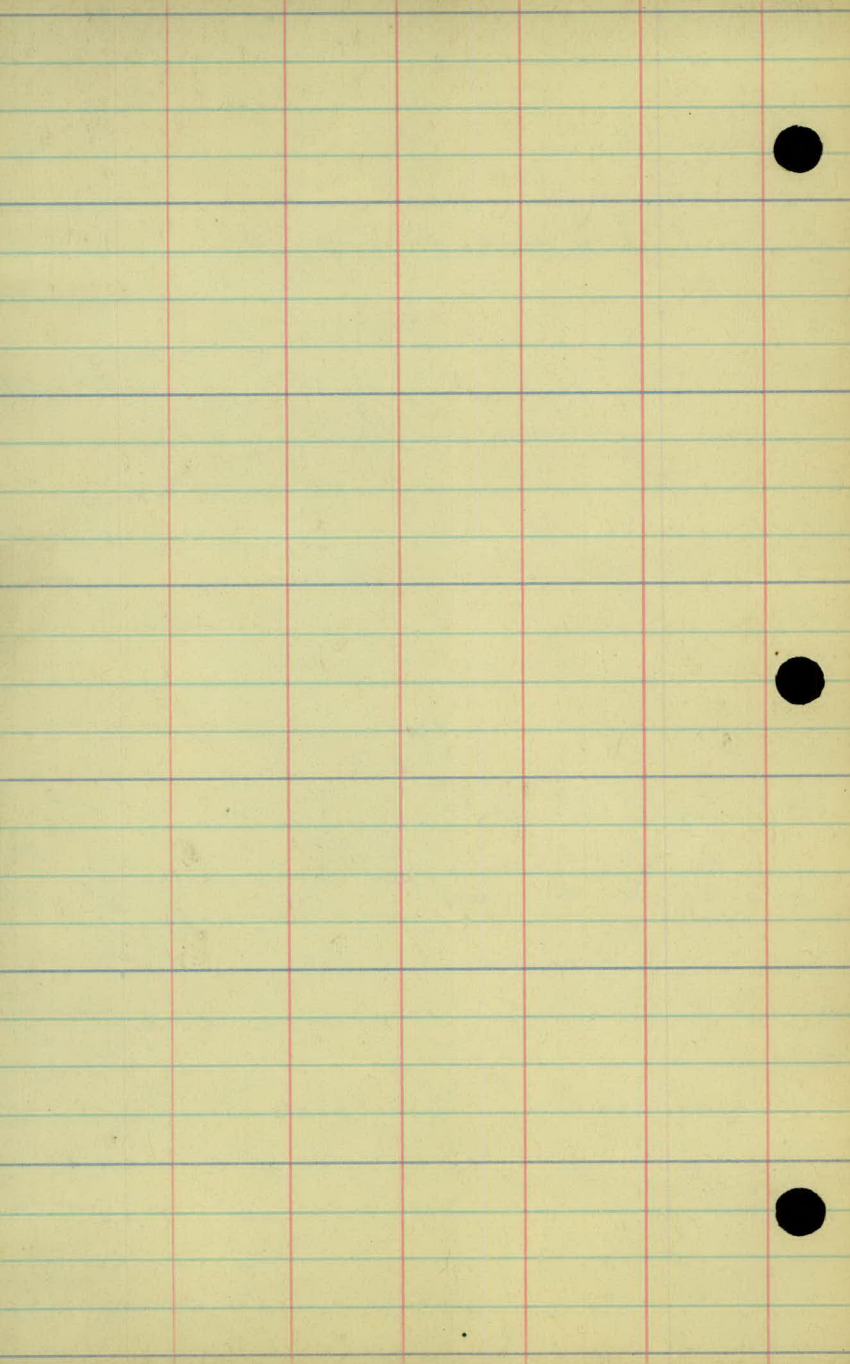
7'

+25

10'

0+00

GARAGE ROAD



5-5-27
CLOUDY & COOL

(14)
{ A.W.L.
A.L.P. T
W.G.A.
M.B.

ELEVATIONS

25-52-58

FORT SNELLING

Sta	B.S.	H.I.	F.S.	Rod	Elev.
B.M.	0.67	113.95	8.64		113.28
T.P.	2.56	107.87	2.59		105.31
T.P.	7.12	112.40			105.28
0+00				3.24	109.16
0+07L				3.68	108.72
+30L				4.01	108.39
?				3.74	108.66
1+00				3.77	108.63
+10					
2+00				4.60	107.80
+72 Rt.				CURB INLET 5.77	106.63
+72 Rt.				8.10	104.30
+72 "				8.10	104.30
+72 Lt.				CURB INLET 5.70	106.70
+72 Lt.				7.55	104.85
2+84 Lt.					
3+01 Lt.					
3+15 Lt.					
2+84 Rt.				8.30	104.10
2+84 "				8.45	103.95
+88 Rt.					
3+04 Rt.					
3+21					
3+00				5.28	107.12
+50				6.25	106.15

SPIKE 24" TREE 102' R. STA. 11+62

109.08 109.09
3.32 3.33

108.20 108.38
4.20 4.02
108.07
4.33
107.28 107.30
5.12 5.10

10" VIT. INLET

10" VIT. OUTLET

10" VIT. OUTLET

107.44
4.96
107.39
5.01
106.19
6.21

C.B. INLET 10" VIT.

" OUTLET 10" VIT.

107.44
4.96
107.47
4.93
106.05
6.35

105.58 105.62
6.82 6.78

STA.	B.S.	H.I.	F.S.	ROD	ELEV.
------	------	------	------	-----	-------

112.40

3+89

4+03

+04 LT.

9.05 103.35

+31 LT.

10.10 102.30

+36

+35

+15

+37

~~+28 RT~~

+28 "

10.55 101.85

+28 "

10.54 101.86

4+00

7.09 105.31

+53

+64

+50

7.85 109.55

T.P.

4.03

108.35

8.08

104.92

4+28 RT.

3.78 104.57

5+00

4.65 103.70

+50

5.12 103.23

+75 RT.

8.06 100.29

+75 "

8.30 100.05

+75 "

5.61 103.74

+72 LT.

8.53 99.82

+75 "

11.90 86.45

+75 "

12.90 85.45

+75 "

12.87 85.48

L.T.
GUTTER

R.T.
GUTTER

(16)

104.97
7.43
104.36
8.04

INLET 10" C.M.

OUTLET " "

103.91
8.49
104.25
8.15

104.62
7.78
104.83
7.57

INLET 10" VIT.

" 12" C.M.

2

104.67
7.73
103.75
8.65

2

103.94
8.46

C.B. TOP

103.19 103.21
5.16 5.14
102.33 102.79
5.82 5.56

12" C.M. INLET

10" VIT. OUTLET

C.B. TOP

12" VIT. OUTLET

6" VIT. " (BEG. UNKNOWN)

10" VIT. INLET

12" C.M. OUTLET

Sta.	B.S.	H.I.	F.S.	Rod	Elev.
		108.95			
5+79 Lt.				5.71	102.64
6+00				5.11	103.24
+50				4.77	103.58
+60 Rt.				4.65	103.70
7+00				4.37	103.98
+50				3.89	104.46
8+00				3.56	104.79
+50				3.17	105.18
9+00				2.67	105.68
T.P.	5.62	111.47	2.50		105.85
8+40 Lt.				15.10	96.37
8+40 "				23.40	88.07
8+40 Lt.				10.56	100.91
9+20 Lt.				8.49	92.98
9+20 "				6.12	105.35
9+26 Rt.				5.75	105.72
+50				5.21	106.26
9+38				6.30	105.17
10+00				4.43	107.04
+50				3.55	107.92
+64 Lt.				6.48	104.99
+64 "				4.14	107.33
11+00				2.64	108.83
+50				1.81	109.66
T.P.	6.73	116.08	2.12		109.35

10.62
9.06

L.T.
GUTTER

R.T.
GUTTER

(17)

TOP C.B.

102.66	102.80
5.69	5.55
102.94	
5.41	

← 23' FROM E

	103.27
	5.08
103.32	103.54
5.03	4.81
103.69	103.94
4.66	4.41
104.23	104.36
4.12	3.99
104.69	104.73
3.66	3.62
105.32	105.14
3.03	3.21

12" C.M. OUTLET

BOTTOM M.H.

TOP M.H.

12" C.M. (OUTLET & INLET)

TOP C.B.

23' FROM E

	105.40
	6.07
105.67	105.85
5.80	5.62

BREAK IN PAVEMENT. LT.

106.38	106.67
5.09	4.80
107.12	107.65
4.35	3.82

12" C.M. (C.B.)

TOP C.B.

107.88	108.67
3.59	2.80
108.61	109.71
2.86	1.76

STA.	B.S.	H.I.	F.S.	ROD	ELEV.
		116.08			
12+00				5.64	110.44
+25				5.19	110.89
+50				5.13	110.95
+82				5.01	111.07
				4.45	111.63

				5.70	110.38
				2.80	111.28
13+00				3.17	112.91
				7.30	108.78
				4.46	111.62
B.M.			2.80		113.28

GARAGE ROAD

B.M.	2.89	107.21			104.32
0+32				4.11	103.10
0+50				4.70	102.51
1+00				7.75	99.46
+50				11.57	95.64
T.P.	0.88	96.49	11.60		95.61
1+00				4.60	91.89
+30 Rt.				7.91	88.58
+30 "				7.77	88.72
+30 "				9.15	87.34
+30 "				9.63	86.86

LT.	RT.
GUTTER	GUTTER
09.25	110.65
5.83	5.43
109.58	111.14
6.50	4.94
109.85	111.58
6.23	4.50

ST. CAR TRACK THRU CURB
END GUTTER 112.62
" " 3.46
" " 110.13
1410"R" " 5.95
BRIDGE HEAD & PAVE.
EPAVE D+89 "B"
EPAVE.
12" C.M. (MPLS. M.H.) }
TOP MPLS. C.B }

102.26
4.95
99.10
8.11
95.16
12.05

91.46
5.03

NO. INLET - C.B.
W. INLET C.B.
12" C.M. OUTLET
24" C.M. INLET

STA.	B.S.	H.I.	F.S.	ROD	ELEV.
		96.49			
2+24 LT.				11.00	85.49
+43 RT.				7.05	89.44
+50				7.30	89.19
3+00				7.40	89.09
+45				7.30	89.19
T.P.	2.90	92.70	6.69		89.80
+46 RT.				3.47	89.23
+56 RT.				4.10	88.60

LT.
GRAVEL

RT.
GRAVEL

(19)

OUTLET 24" C.M.

GUTTER

89.29	89.29
7.20	7.20
89.09	89.19
7.40	7.30
89.24	89.29
7.25	7.20

GUTTER

11

