

Drawer 13

Book 34

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN

Survey

Silver Lake Road

From I 694 To 13TH St N.W.

Road Acc't. No. 44

Date Filed 8-12-1976 Dr. 13
File Bk. 34

RG
LPD
DS
RJ

Jan 17, 1975
Clear 20°

T-1

Topography

Silver Lake Rd.

Sta 2+00 - Sta 18+00

14th St. NW
Sta 23+25.17

18.95
4.90

ctr sec 19, T30R23

Sta. 18+00

Section line
26.91, 95
26.90, 56

8 Pages

Sta 2+00

I 694

LT

Q

RT

ER

CB +11 21pp	+25	POR 41 POR 41	+50 Sidewalk (5') 35-40	+45 22	POR 27 Telephone
+17 35 POR	+20 35 POR	POR	+12 28 Sidewalk & Car Ent.	+17 46	+17 56
+11 22	+11 55	+08 25 ER	+23 Sidewalk	+34 POR	+10 22 POR
4+00	+09 22	+00 60 BR	+00 35-40	+03 28	+10 22
+84 48 Curb	+87 99 Sign	+87 97 LT Pole	+84 POR	+90 Sidewalk	+40-45 POR
+52 89 BR	+64 102 Curb Apron	+56 31 POR	+68 47 POR	+53 28	+55 56 POR
+48 106 Curb	+36 40 POR	+29 55 BR	+39 43 POR	+25 40-45 Sidewalk	+16 67 POR
+39 26 BR	+40 57 ER	+19 83 ER	+109 28 CB	+99 62 ER	+90 41 POR
+02 26 Fe	+54 +00 Curb	+26	+74 37 BR	+75 40-45 Sidewalk	
3 90-63 C	+62 29 H/H	+20 55 Fe	+50 37 B-618 Curb		
+19 90 E Concr	+19 64 Road	+12 103 PP	+102 105 BR		
+100 55 H waven Fence					
2+00	+00 26 B618 Curb		+00 37 Curb B618	+00 40-45 Sidewalk (5')	

RG
LPD
DS

Jan 20, 1975 & Jan 21
Windy 0-100
Rt. T-2

Lt.

2

T-2

"66" Sta.

end curb

end curb

Island

MA BELL

MINAR FORD

BLDG

4 woven wire fence / steel posts

End Curb

36" curb & gutter

Section line Silver Lake Rd.

36" Curb

BR

31'

BR

11' Cast.
2 rings /
CB Max. Hgt
5.1' Inv.

18" RCP

25' R

18" RCP

18" RCP

18" RCP

7+00

LT

BT
1925

RT

+00 Sidewalk
35-42

+72 Ent 30' (10R)

McDonald
Sign

+34

75

+35

Light
57

6+00

Curb.
ent 22

+00

SW
35-40+88 PP
41

+87 & 22' Ent 1/2)

+70 & 22' Ent 10' Rad.

Cor. Plg lot

+65

35

+65 PP
35+46 Light
42+41 Light
41

BR

+37 40

+54 ER
22+12 POR
26+40 POR
26

Cor Ent (ER)

+06 40

5+00

Curb
22 22+97 BR
22+63 ER
22+59 Light
40+54 BR
38

+450

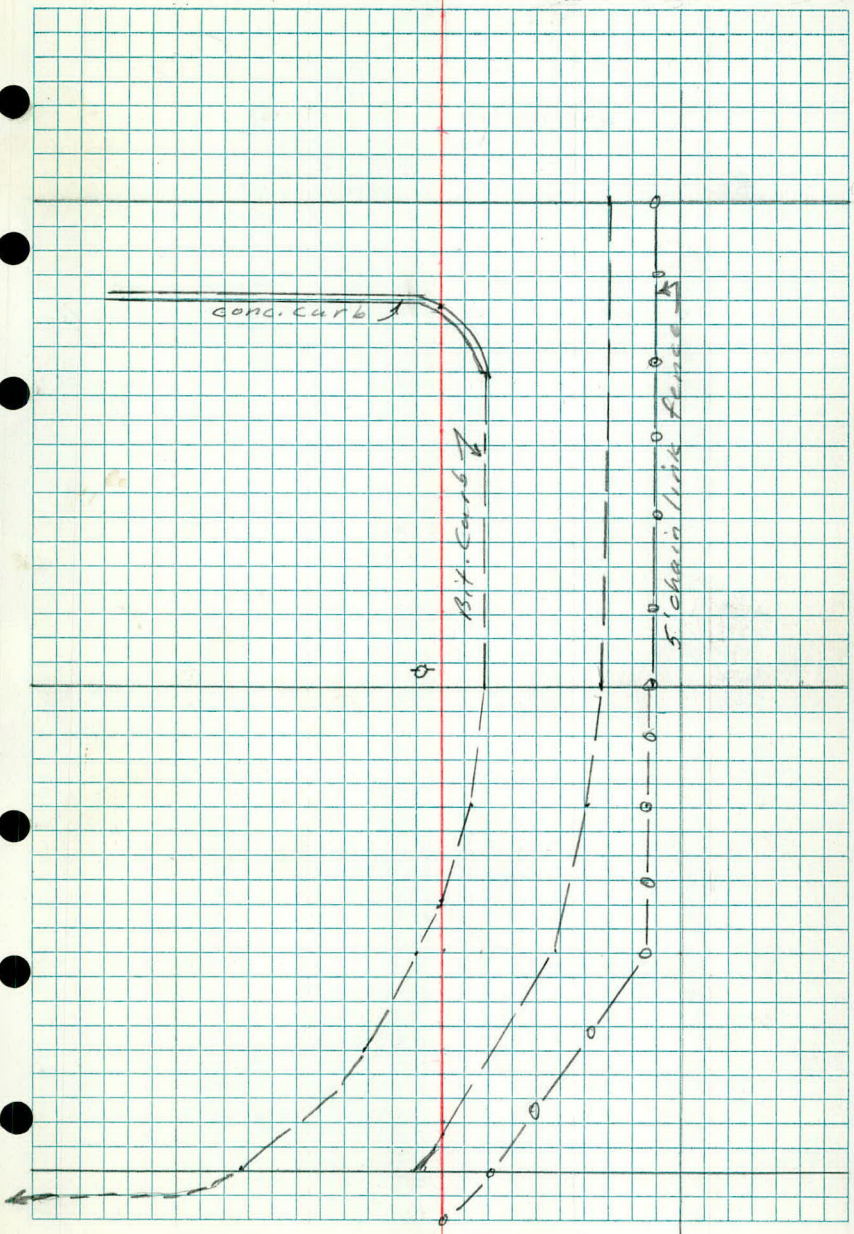
+50

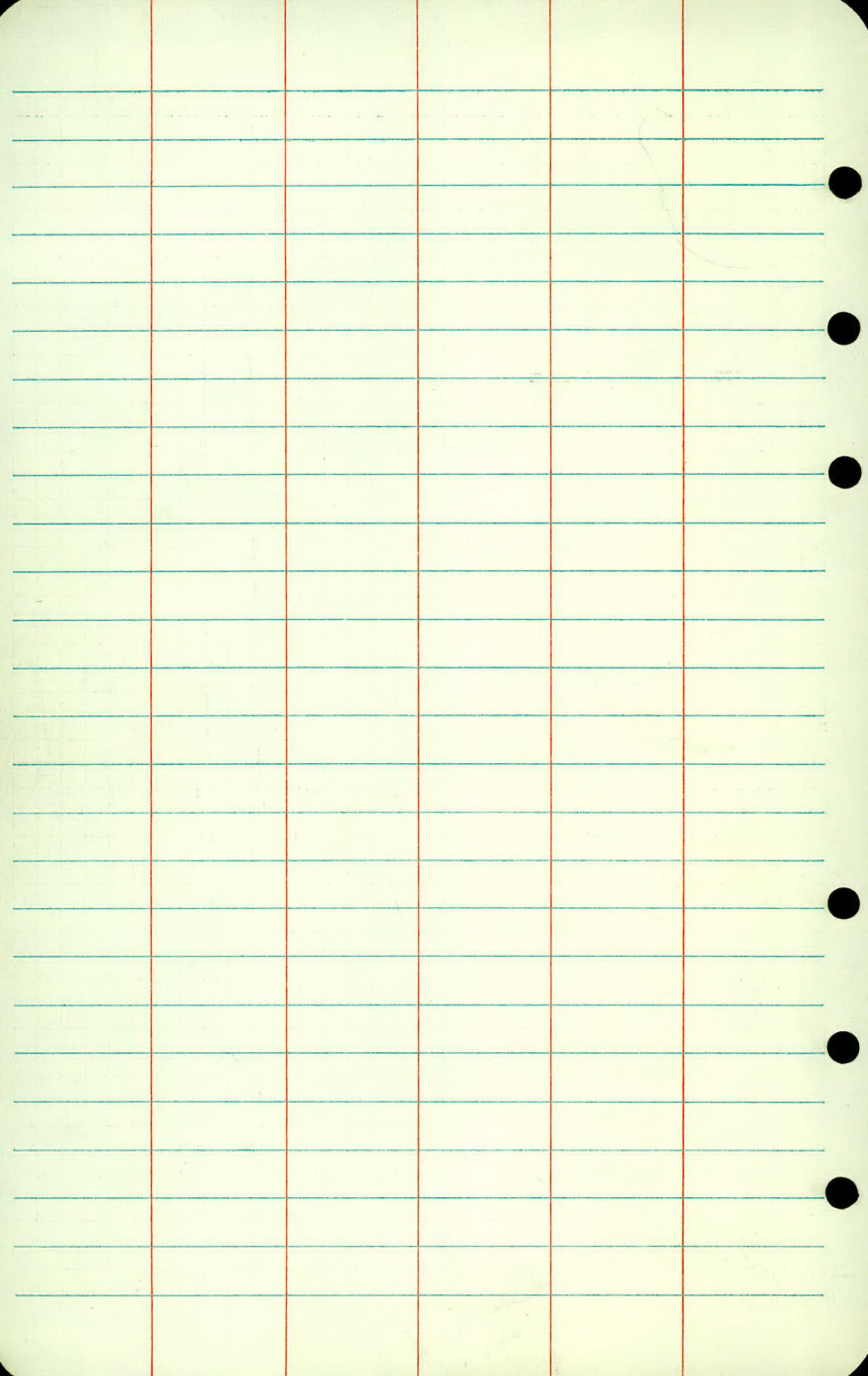
POR
31+53 Light
42

Apr. 30, 1975

⑤
100'

£ 100' →





RG
DS
LPD

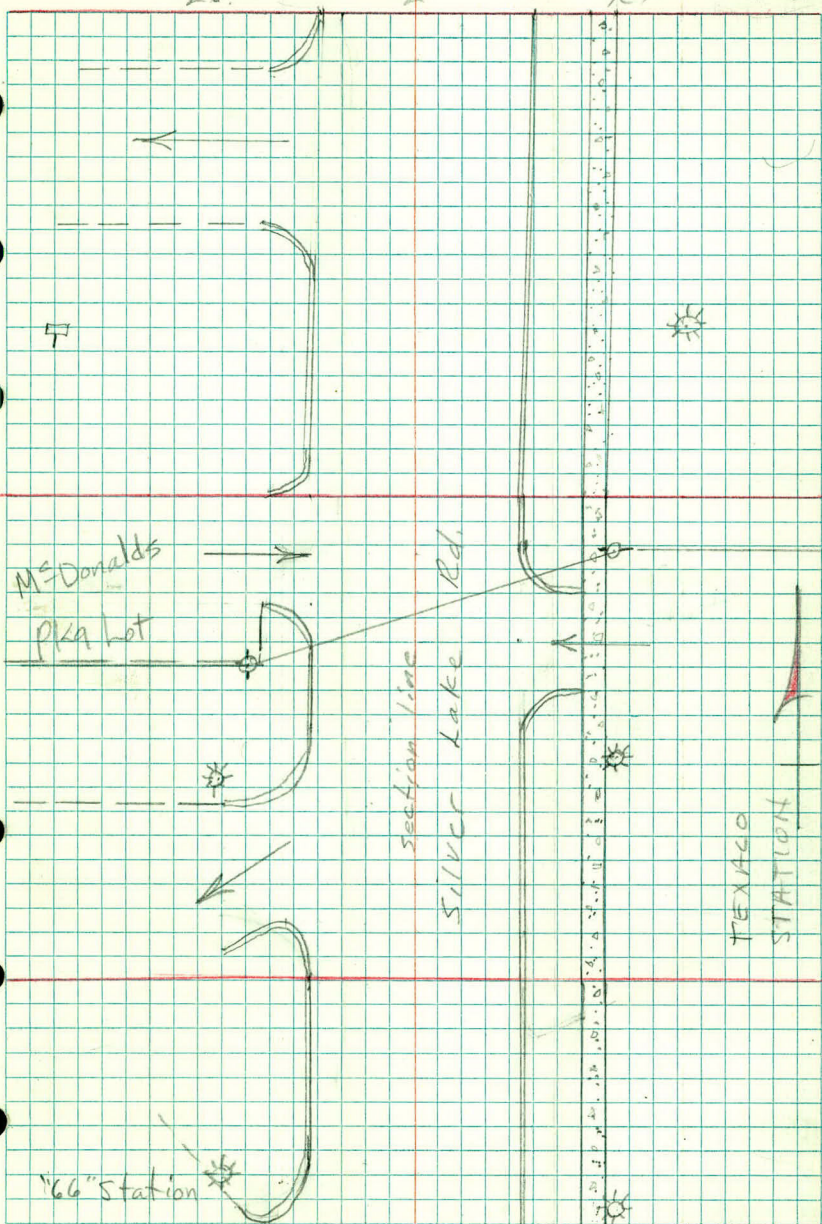
Jan 21, 1975
snow 200

Lt.

2

Rt

T-3



+30

Lt

P

RT

17 28 +45

WSO
37

+07 = RT

+195 ENT 32'

+12 Arc Lite Pole

27

RT
17

Sidewalk

+02 LITE

29

9+00

+00 33-38

Signal

+75 26

Hyd

+72 47

Signal

+84 33

+53 WSO
43

+67 CB

50

+45 MH
1

+45 Palmer (48') 25' Radii

+44 MH
37

+24 MH

+08

MH

47

49

PP +6P

+21 CB

62

Signal

+12 22

MH

+06 20.5

+12

38

8+00

+08 MH
49

17

+00

Sidewalk
40-45

NE Cor Bldg

+61 77

+75 PP
29

9" Casting

3 adj. rings

3.15' Ecc to

Mex Hat

7.35' to RL from South

8.1' to RL to North

S.E.

Cor Bldg

+07 77

+36 Light
57

Sidewalk

7+00

19 25

+00

37-42

KG
LPD
DS

Apr. 30, 1975
Lt. rain, 50°

Additional Topog.
of
Silver Lake Rd.
Just North of I 694

4

2

$$2+00 \quad +00 \quad \frac{\text{Road}}{65} \quad +00 \quad \frac{\text{Haven Fe}}{55}$$

$$+79 \quad \frac{\text{POR (conc)}}{100} \quad +81 \quad \frac{\text{ER}}{106}$$

End Bit curb
& Beg Con Rad

$$+64 \quad 90$$

$$+35 \quad \frac{\text{HH}}{31}$$

$$1+00 \quad +00 \quad \frac{\text{Curb}}{91} \quad +04 \quad \frac{\text{PP}}{103} \quad +00 \quad \frac{\text{Bit}}{66} \quad +00 \quad \frac{\text{Fe}}{56}$$

$$+75 \quad \frac{\text{curb}}{94} \quad +75 \quad \frac{\text{Bit}}{68}$$

$$+75 \quad \frac{\text{Fe}}{57}$$

$$+57 \quad \frac{\text{curb}}{100} \quad +45 \quad \frac{\text{Bit}}{77}$$

$$+45 \quad \frac{\text{Cor Fe}}{57} \quad +45 \quad \frac{\text{curb}}{105}$$

$$+07 \quad \frac{\text{Bit}}{100} \quad +25 \quad \frac{\text{curb}}{116}$$

$$0+00 \quad +00 \quad \frac{\text{Fe}}{90} \quad +00 \quad \frac{\text{Bit}}{105} \quad +00 \quad \frac{\text{Curb}}{141}$$

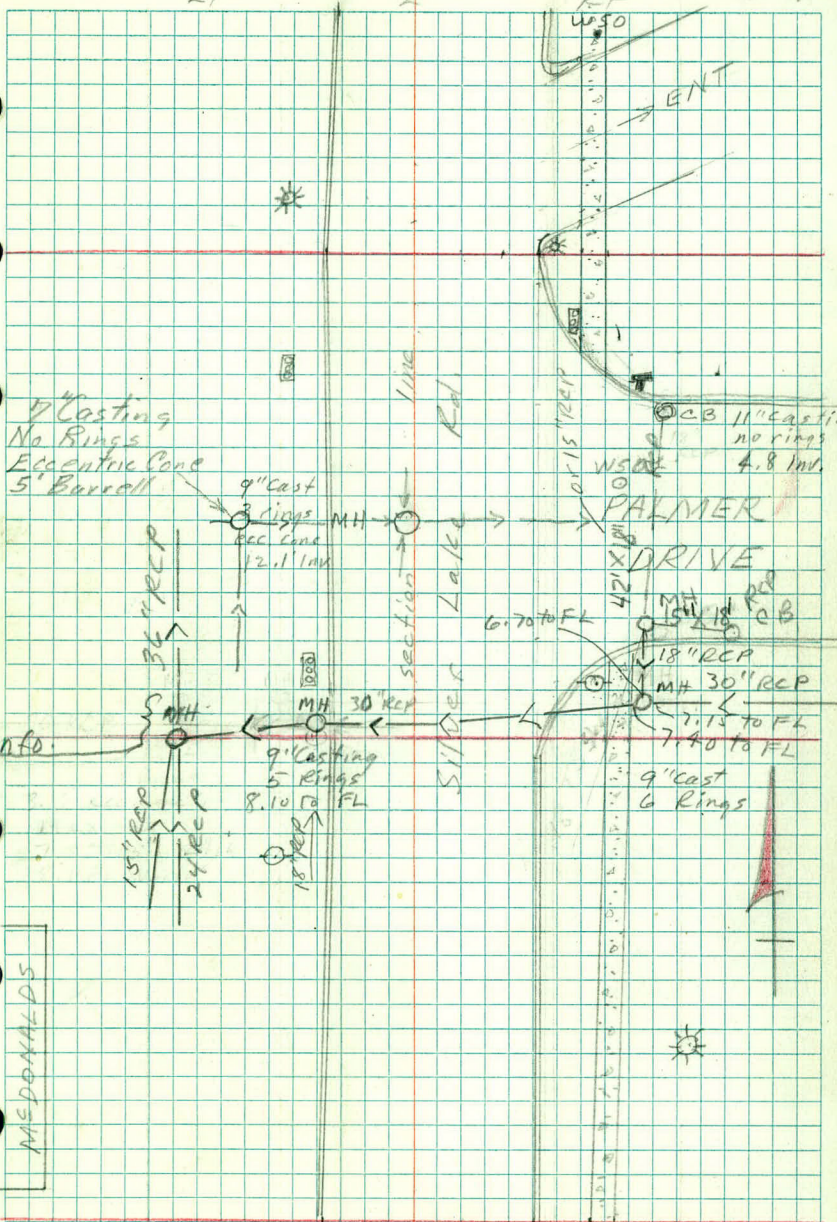
$$0+10 \quad \frac{\text{Fe}}{100} \quad 0+05 = \text{North curb Line Lt}$$

T-4

24

2

PL



12+00

L+

R

R+

+91 HYD

BT
17 29

+00

S.W.
34-39

+86 6" COTT.
54
41

+75 MH
1

Junction
+56 BOX for Bell Tel.
48

+56 MH (Bell)
37 (Tel)

+38 ER +28 LITE
27 BR 54
+23 42

11+00

BT
17 29

+98 ER
42

+83 BR
27

+82 SW
34-39

+12 AP
28

10+00

BT
17

+00 = P.T. +02 SW

33-38

+97 LITE

49 +88 2 32' ENT

9+50

BT
17 28

+50 Sidewalk
33-38

RG
KPD
LPD
GA

Feb. 7, 1975
PC - 20

T-5

LT

F

RT



8

9" Cast
4 rings
Ecc. Comp.
11.2' Inv.

MH



MH



ENT TO
APTS.

section line
Silver Lake
Rd.



ENT

+50

Lt

L

Rt.

+46 $\pm$ 16' ENT

+28 PP
28

+11 30° W/Now

53

SW

34-39

14+00

BT

16 29

13+00

BT

17 29

SW

34-39

+63 $\pm$ 12' ENT

+29 PP
29

12+00

BT

17 29

SW

34-39

Feb 7, 1975

Lt —

R

Rt

T-6

section line
Silver Lake Rd.



17+00

Lt

R

Rt

curb
15 29

+86 ER
31

+74 BR
15

+986" COTT
42

+986" COTT
49

+78(5) 4" COTT
47

16+00

curb
15 29

+78 RP
29

SW
34-39

+55 6" POP
39

15+00

curb
15 29

+57 8" ELM
40

+50

FEB 7, 1975

LT

P

RT

T-7

NORTH
INNSBRUCK

DEED

50
50
50

section line
silver lake rd.

Q

Q

Q



Lt

R

Rt

19+00

curb
15 29

18+00

curb
15 29

SW
34-39

+31 Arc Lite
27

+31 ER
15

+16 BR
30

+01 E RD (30')

curb
15 29

+06 6" G TT
42

+02 6" C TT
44

17+00

SW

34-39

Feb 7, 1975

Lt

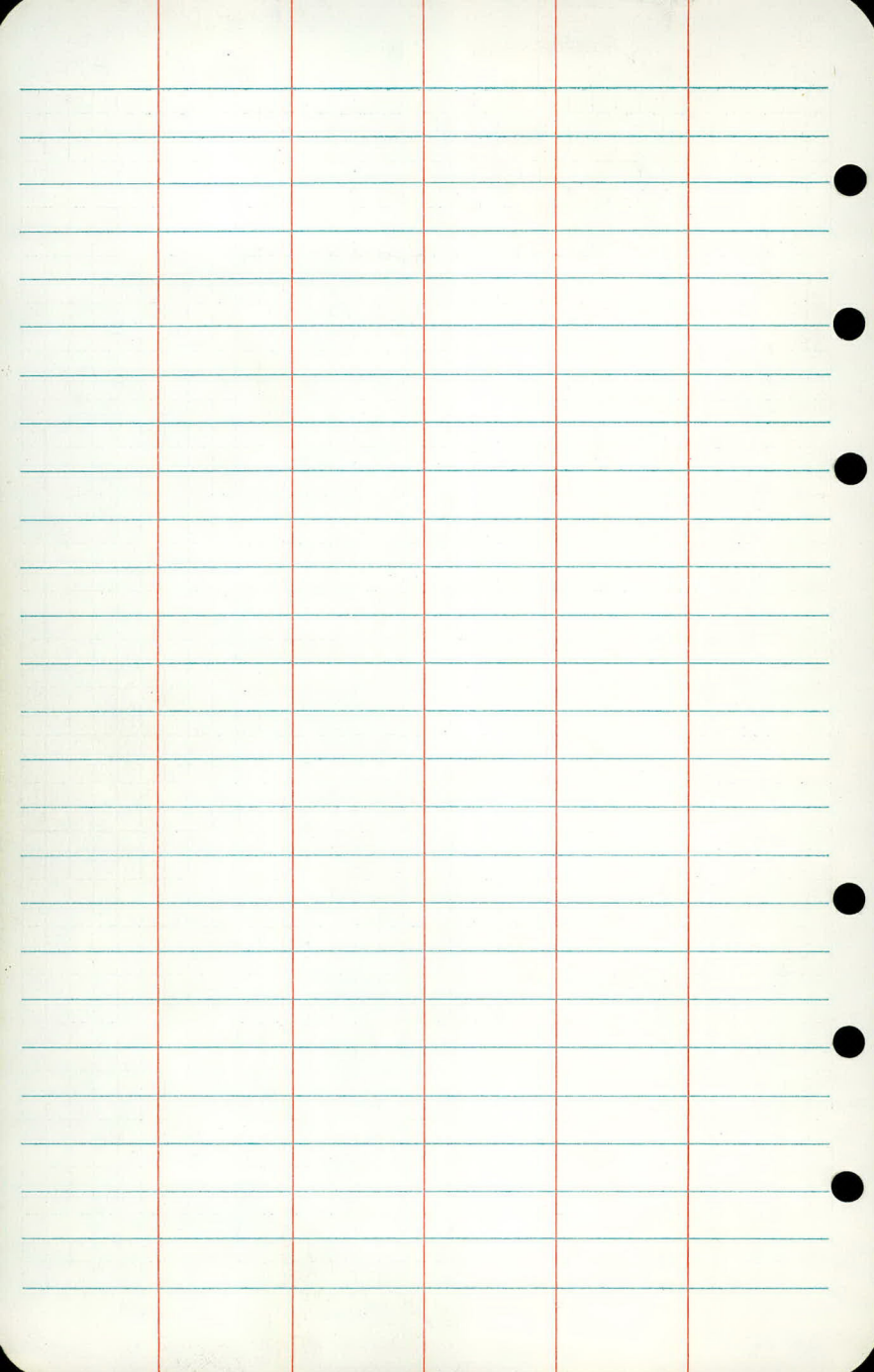
Q

Rt

T-8

section line
Silver Lake Rd.





RG
DS
LPD 7

Feb. 3, 1975
cldy 29°

B-9

BENCH LEVELS

Silver Lake Rd

I694 to 14th St. N.W.

Sta	+	π	-	Elev.	
BM ₁	3.300	971.792		968.492	
TP	1.300	960.907	12.185	959.607	
TP	0.740	948.677	12.970	947.937	
TP	2.990	939.487	12.180	936.497	
BM ₂	3.020	935.867	6.640	932.847	USE BX19 (932.944)
TP	3.985	934.977	4.875	930.992	
TP	3.525	929.782	8.720	926.257	
TP	8.120	936.022	1.880	927.902	
BM ₃	0.660	936.002	0.680	935.342	
TP	2.745	929.642	9.105	926.897	
TP	9.485	935.777	3.350	926.292	
BM ₄	1.840	935.597	2.020	933.757	
BM ₂	6.125	938.977	2.745	932.852	(932.847)
TP	13.325	949.802	2.500	936.477	936.497
TP	12.530	960.452	1.880	947.922	947.937
TP	12.380	971.869	0.963	959.489	
BM ₁			3.390	968.479	(968.492)
				968.492	
	86.070		86.083	968.479	
			86.070		
			.013	.013	
			.013		OK.

Feb. 3, 1975

Description

B-10

Disc on SE Wingwall Bridge over I694 $\frac{1}{2}$ S. L. Rd.
stone in B.T.

Point on Curb Rt Sta 1+50 $\pm$

Pump Island Rt Sta 4 $\pm$

Top Hyd NE Cor Palmer Dr. $\frac{1}{2}$ S. L. Rd.

$\frac{1}{2}$ Sta 12

Top curb Lt Sta 16+80

Top Curb Rt Sta 21+35

Top Hyd. NW Cor 14th Ave NW & S. L. Rd

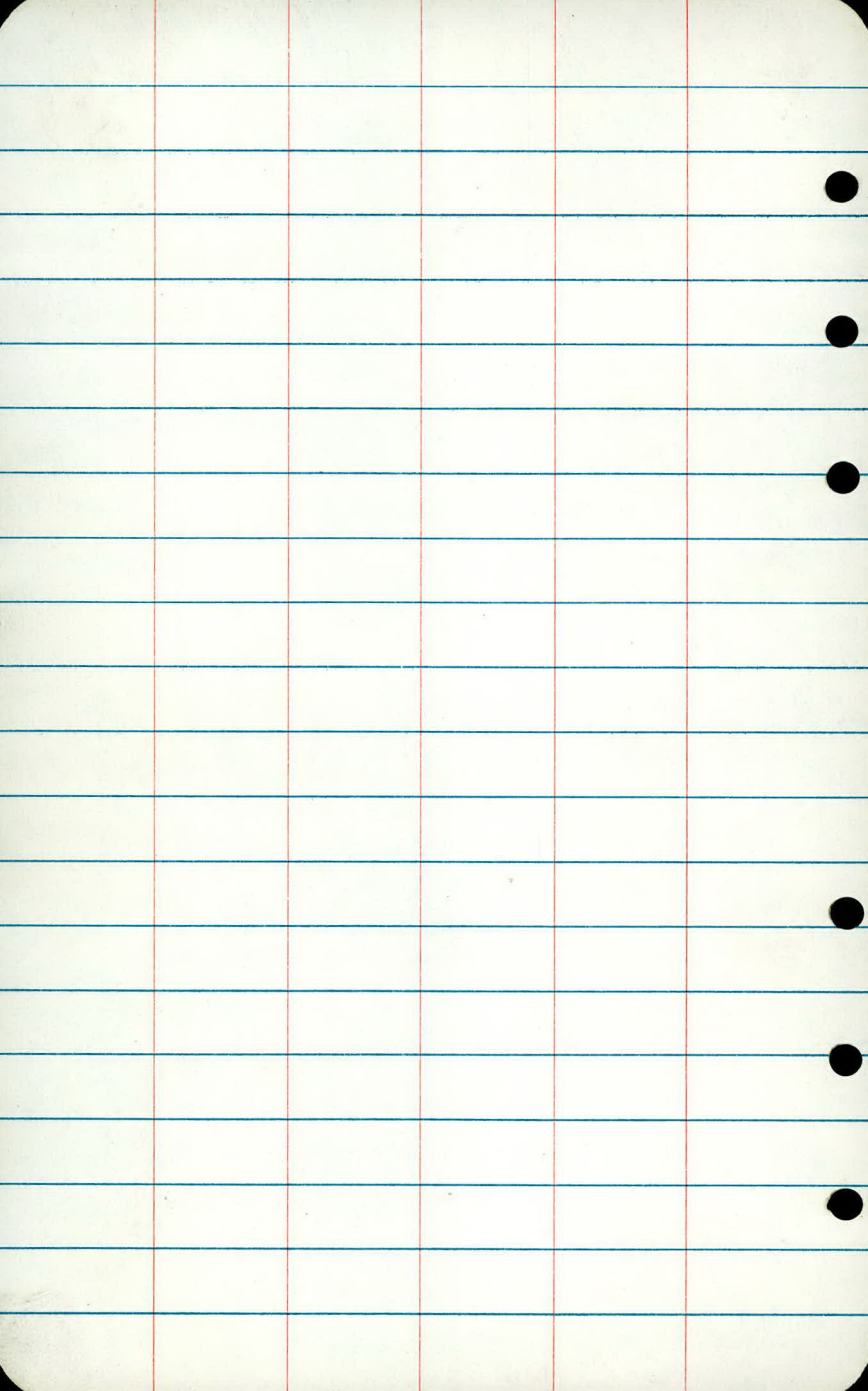
Top Curb Rt 21+07 $\pm$

SW Cor Ent No. Innsbruck Dr.

Top Hyd Lt Sta 11+90 $\pm$

Top Hyd NE Cor Palmer Dr.

Top curb Rt 1+50 $\pm$



KP
DS
GA
RU

7 APRIL 1975 X-11
SUNNY 30°

SILVER LAKE RD.
I 694 TO 14TH ST. NW
62-644-

X- SECTIONS

STA	+	π	—	ELEV
BM	0.33	968.82		(968.49)
TP	1.16	958.81	11.17	957.65
	2.25	948.69	12.37	946.44
2+00				
✓				
+50				
✓				
3+00				

LT

E

7 APRIL 1975 K-12
R7

DISC. ON S.E. WINGWALL BRIDGE AT I-694

TOP CURB

TOP PK & STA 2400

46.49	46.44	45.90	46.19	46.49	46.19	45.99	45.58	46.04
2.2	2.25	2.79	2.5	2.2	2.5	2.7	3.11	2.65
32	27	26	12		12	24	37	38
	TC	G					G	TC

42.09	39.09	39.69	43.39	45.89	46.21	46.14
6.6	9.6	9.0	5.3	2.8	2.48	2.53
42	55	60	60	50	46	41
	FE				SW	SW

43.89	43.96	43.45	43.79	43.99	43.79	43.59	42.79	42.19	42.24
4.8	4.73	5.24	4.9	4.7	4.9	5.1	5.97	5.50	5.45
32	26	26	12		12	24	37	38	41
	TC	G					G	TC	SW

40.19	37.49	38.19	41.99	42.09	43.34
8.5	11.2	10.5	6.7	5.6	5.35
41	55	60	60	52	46
	FE				SW

36.89	37.09	41.49	41.57	41.11	41.49	41.79	41.59	41.29	40.29	39.68
11.8	11.6	7.2	7.12	7.58	7.2	6.9	7.1	7.4	8.4	9.01
55	44	30	26	26	12		12	24	50	62
FE			TC	G						CB

38.39

10.3
60

STA	+	π	-	ELEV
-----	---	-------	---	------

		948.69		
--	--	--------	--	--

3+50				
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✓				
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TP	3.98	941.50	11.17	937.52
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4+00				
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✓				
---	--	--	--	--

+10				
-----	--	--	--	--

		4.98	936.52	
--	--	------	--------	--

+10				
-----	--	--	--	--

		4.89	936.61	
--	--	------	--------	--

LT

7 APRIL 1975
RT X-13

✓

37.89	37.99	38.99	39.29	39.59	39.99	39.11	39.52	39.18
10.8	10.7	9.7	9.4	9.1	9.2	9.58	9.17	9.57
50	40	27	12		12	26	26	35
						G	TC	TC

38.09						38.40	38.49	38.69
10.6						10.29	10.2	10.00
60						60	50	35
						G		G

TOP PK £ STA 4+00.

✓

38.30	37.99	37.02	37.30	37.50	37.30	37.85	37.30	37.51
3.2	4.01	4.48	4.2	4.0	4.2	4.65	4.20	3.99
43	24	24	12		12	25	25	35
	TC	G				G	TC	SW

38.90						37.90	38.0	37.64
2.6						3.6	3.5	3.84
60						60	43	40
								SW

TOP CB 21' RT

TOP CB 21' LT

STA + π - ELEV

941.50

4+37 = ENT LT & RT

+50



5+00 = ENT LT



TP 6.64 938.419 9.65 931.8-5

LT

7 APRIL 1973-14
RT

37.13	36.92	35.95	36.30	35.80	36.73	36.94	36.90
4.37	4.58	5.55	5.2	5.70	4.77	4.56	4.6
60	40	22		22	34	41	60

36.63	36.29	36.87	35.90	35.44	35.84	36.42	36.58
4.87	5.21	5.63	6.10	5.6	6.06	5.66	5.08
60	36	22	22		22	22	35
		TC	G		G	TC	SW

36.50
5.0
60

35.60	35.93	34.91	34.49	34.90	34.52	35.00	35.47	35.62
5.9	5.57	6.59	7.01	6.6	6.98	6.50	6.03	5.88
43	43	22	22		22	22	35	40
	TC	TC	G		G	TC	SW	SW

35.90

5.6

60

35.90

5.6

60

TOP PK & STA 7+00

STA + π - ELEV.

93849

5736

ENT

LT.

✓

+50

✓

+73

ENT RT

LT

7 APRIL 1975 X-15
RT

✓

35.39	34.66	33.95	34.39	34.04	34.47	34.74	34.87
3.1	3.83	4.54	4.1	4.45	4.02	3.73	3.62
60	40	22 G		22 G	22 TC	35 SW	40 SW

35.19
3.3
60

✓

34.81	35.24	34.49	33.78	34.09	33.78	34.25	34.97	34.63
3.68	3.25	4.0	4.71	4.4	4.71	4.24	4.02	3.86
44 G	44 TC	28	22 G		22 G	22 TC	35 SW	40 SW

35.29
3.2
60

34.79
3.7
60

✓

34.59	34.09	33.92	33.41	33.79	33.38	34.12	34.31	34.59
3.9	4.4	4.57	5.08	4.7	5.11	4.37	4.18	3.9
60	37	22 TC	22 G		22 G	35	42	60

STA + T - ELEV.

93849

6+00 ENT LT

✓

932.95

BM 3.73 936.58^{.68} 5.54 932.95 ~~932.85~~

7.73 939.45 4.86 931.72 931.82

10.67 948.10 2.62 937.43 937.53

12.70 959.05 1.75 946.35 946.45

11.12 968.67 1.50 957.55 957.65

BM 0.47 968.96 0.28 968.39 968.49

1.36 959.01 11.31 957.65

0.92 947.36 12.57 946.44

2.05 939.57 9.84 937.52

4.82 936.64 7.75 931.82 932.95

3.69 932.95 ~~932.85~~

LT E 7 APRIL 1975 X-16
RT

✓

33.29	33.57	32.74	33.29	32.73	33.34	33.63	33.77
5.1	4.92	5.55	5.2	5.56	5.13	4.86	4.72
60	41	22		22	22	35	40
		G		G	TC	SW	SW

34.09	33.99	35.09
4.4	4.5	3.4
60	50	44

TOP HYD NE COR PALMER DR

TOP PK E STA 7+00

TOP PK E STA 4+00

TOP PK E STA 2+00

TOP Curb

DISC - SE WING WALL BRIDGE

TOP Curb

TOP PK STA 2+00

TOP PK E STA 4+00

TOP PK E STA 7+00

TOP HYD NE COR PALMER DR

STA + π - ELEV.

BM 5.23 937.05

931.82

6+50.

✓

+75 ENT LT

✓

7+00

✓

LT

E

7 APR 1975

RT

X-17

TOP PK Φ STA 7400

32.35	32.58	32.10	32.55	32.09	32.55	32.80
4.7	4.47	4.95	4.5	4.96	4.50	4.25
60	23	23	22	22	22	34
	TC	G	G	G	TC	SW

33.54	33.35	32.86
3.51	3.7	4.19
60	50	39
TC		SW

31.65	32.41	31.70	32.15	31.69	32.15	32.43	32.56
5.4	4.64	5.35	4.9	5.36	4.90	4.62	4.49
60	42	22	23	23	23	34	39
		G	G	G	TC	SW	SW

33.54	34.25
3.51	2.8
60	47
TC	

31.75	31.75	31.77	31.33	31.85	31.38	31.84	32.16
5.3	5.3	5.28	5.72	5.2	5.67	5.21	4.89
60	42	20	20	24	24	24	36
		TC	G	G	G	TC	SW

33.98	33.55	32.24
3.57	3.8	4.81
60	50	41
TC		SW

STA + π - ELEV.

937.05

7+50

✓

8+00

✓

BM

4.09

932.96

932.95

LT

7 APR 1975
RT

X-18

✓

31.15	31.25	31.28	30.80	31.25	30.89	31.35	31.62	31.73
5.9	5.8	5.77	6.25	5.8	6.16	5.70	5.43	5.32
60	43	19	19		26	26	38	43
		TC	G		G	TC	SW	

33.39	33.95
3.66	4.0
60	50
TC	

✓

30.75	30.75	30.87	30.93	30.85	30.51	30.95	31.22	31.33
6.3	6.3	6.18	6.62	6.2	6.54	6.10	5.83	5.72
60	40	17	17		27	27	40	45
		TC	G		G	TC	SW	SW

31.45
5.6
60

TOP HVD N.E. COR PALMER DRIVE

STA	+	π	-	ELEV.	
BM	0.120	968.612		968.492	
TP	1.405	958.092	11.925	956.687	
TP	0.075	946.524	11.643	946.449	
TP	2.650	937.494	11.680	934.844	
4+00			0.000	937.494	
BM			4.550	932.944	932.847
TP	11.741	946.585	2.650	934.844	
TP	12.230	958.672	0.143	946.442	946.449
TP	12.063	968.747	1.988	956.684	956.687
BM			0.255	968.492	968.492

RG M
LPDT
DS

LT

E

Rt

April 10, 1975
PC 35°

X19

Disc on SE Wingwall Bridge

Pt on Curb

E 2400

E 5400

E 4400 (side shot)

Top Hyd NE Cor Palmer Dr.

5400

2400

curb

Bridge disc

STA + π - ELEV.

BM LENKER ROD 932.94 (Pg X19)

8+20 South Gutter Rt

✓

+24 30.35

+45 L Palmer

✓

+48 North Gutter Rt.

✓

RG
LPD
DS

LT

£

Apr. 10, 1975

X20

RT

Top Hyd NE Cor Palmer Dr.

✓

30.75	30.39	30.5	30.7	30.7	30.4	30.28	30.74
19	18	9		13	25	50	50
T.C.	BC					B.C.	T.C.

30.6 30.8
36 60

30.74 30.17
63 63
T.C. CB grate

W. rim MH RTSD'

✓

30.6	30.53	30.13	30.6	30.5	30.3	03.4	30.9
35	19	18		15	26	60	100
	TC	BC					

30.8
60

31.5 31.1
200 150

✓

30.5	30.44	30.02	30.3	30.3	30.2	30.06	30.56
40	17	16		15	24	50	50
	TC	BC				CB	T.C.
						Grate	

30.6
60

30.72 30.32
60 60
T.C. BC

STA

+

π

-

ELEV.

9+00

✓

+20

Ent Rt

✓

+61

Low Point

✓

✓

+85

Ent Rt

✓

126
LPD
DS

LT

£

Apr. 10, 1975
RT

X-21

30.0 30.28 29.87 30.12 30.2 30.1 29.85 30.28
35 17 16 5 15 28 29
TC BC BC TC

30.1
60

31.0 30.9 30.44 30.37
60 44 38 33
S.W. S.W.

30.1 30.15 29.70 30.0 30.1 30.0 29.70 30.25
40 17 16 5 15 28 37
TC BC BC Cone
ENT

30.2
60

30.6 30.35
60 46
Bit. Cone

30.20 29.6 29.93 29.34 29.9 30.0 29.9 29.42 30.06
49 38 18 17 5 15 30 30
MH T.C. C.B. TC

29.4
60

30.8 30.7 30.17 30.09
TC 43 38 33
Bit SW S.W.
48

30.37 30.55
49 60
BC Bit

29.6 30.07 29.58 29.9 30.0 29.9 29.67 20.24
37 17 16 5 15 28 37
TC BC Gutter Cone

29.2
60

30.6 20.35
60 46
Bit Cone

STA	+	π	-	ELEV.
-----	---	-------	---	-------

10+00				
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✓				
---	--	--	--	--

+50				
-----	--	--	--	--

✓				
---	--	--	--	--

11+00				
-------	--	--	--	--

So. edge
Ent, Rt

✓				
---	--	--	--	--

BM				
----	--	--	--	--

933.79

+11				
-----	--	--	--	--

Ent Rt

✓				
---	--	--	--	--

KG
LPD
DS

LT

E

Apr. 10, 1975
RT

X-22

30.1 30.09 29.66 29.90 30.0 29.9 29.70 30.38
32 17 16 5 15 28 38
TC BC Gutter S.W.

29.3 29.2 31.2 30.9
43 60 60 46

30.0 30.25 29.80 30.1 30.2 30.1 29.91 30.41
32 17 16 5 15 28 29
TC BC TC

28.5 27.7 31.4 31.0 30.70 30.41
46 60 60 49 38 33
SW SW

28.8 30.5 30.68 30.22 30.41 30.5 30.4 30.18 30.5
45 40 17 16 5 15 28 40
TC BC Gutter Bit

28.1 30.8
60 60
Bit

Top Hyd. Lt. Sta. 11+91

30.2 30.69 30.23 30.4 30.5 30.4 30.26 30.7
39 17 16 5 15 28 44
TC BC Gutter Bit

28.7 28.0 31.0
46 60 60

Sta	+	π	-	E/V
-----	---	-------	---	-----

+40				
-----	--	--	--	--

✓				
---	--	--	--	--

+56				
-----	--	--	--	--

			931.09	
--	--	--	--------	--

+75				
-----	--	--	--	--

				Ent Lt
--	--	--	--	--------

✓				
---	--	--	--	--

12+00				
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✓				
---	--	--	--	--

+62				
-----	--	--	--	--

				Ent Lt
--	--	--	--	--------

✓				
---	--	--	--	--

RG
LPO
BS

LT

E

April 10, 1975

Rt X23

29.2 30.4 30.80 30.37 30.60 30.7 30.5 30.30 30.76
50 45 17 16 6 16 28 29
TC BC BC TC

28.6
60

34.2 33.6 32.1 31.00 30.91
60 50 43 37 33
SW S.W.

Tel MH Rt 37'

30.3 31.1 30.89 30.95 31.1 30.8 30.53 30.98
60 37 16 MH 6 17 29 29
NG Bit gutter E BC TC
(end)

35.4 32.4 31.26 31.15
60 45 39 34
S.W. S.W.

31.1 31.7 31.25 30.76 31.01 31.1 30.9 30.72 31.16
60 37 18 17 7 17 28 29
TC BC on radius BC TC

35.3 32.9 31.37 31.27
60 46 39 34
SW SW

32.1 31.9 31.3 30.75 31.0 31.1 31.0 30.85 31.30
60 37 22 16 gutter 7 18 29 29
BC TC

34.6 32.6 31.49 31.40
60 43 39 34
SW SW

Sta	+	π	-	Elev.
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13+00				
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✓				
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BM				
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				923.79
--	--	--	--	--------

13+29				
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				Ent Lt.
--	--	--	--	------------

✓				
---	--	--	--	--

+60				
-----	--	--	--	--

✓				
---	--	--	--	--

14+00				
-------	--	--	--	--

✓				
---	--	--	--	--

RG
LPD
DS

Lt

2

Apr 10, 1975

Rt

X24

32.1 31.22 30.74 30.98 31.1 31.0 30.81 31.27
29 TC 16 BC 7 18 28 BC 29 TC

→ 32.5
60

35.1 32.5 31.49 31.38
56 41 39 34
SW SW

Top Hyd Lt sta 11+91

RG
LPD
DS

April 11, 1975
clear 45°

32.5 31.8 31.3 30.72 31.0 31.1 31.0 30.82 31.24
60 38 21 15 Gutter 7 17 29 BC 39 TC

35.4 32.9 31.51 31.41
60 44 39 34
SW SW

32.1 30.96 30.55 30.8 31.0 30.8 30.66 31.10
32 15 15 7 17 29 29
TC BC BC TC

→ 32.6 32.8
50 60

35.8 32.7 31.35 31.24
60 44 39 34
SW SW

31.7 30.73 30.25 30.50 30.6 30.5 30.37 30.73
31 15 15 7 17 29 29
TC BC BC TC

→ 32.2 32.3
50 60

35.4 32.1 30.96 30.90
60 45 39 34
SW SW

Sta + π - EIV

14+45

Q Ent
LT

✓

15+00

✓

+50

✓

16+00

✓

TP

928,52

RG
LPD
DS

April 11, 1975

Lt

Rt

Rt

X.25

30.6 30.1 29.73 30.0 30.1 29.9 29.25 30.18
39 21 15 7 17 29 29
Gutter BC TC

31.3 34.5 32.8 30.43 30.35
60 60 50 39 34
SW SW

30.1 29.50 29.04 29.27 29.4 29.2 29.03 29.50
30 15 15 7 17 29 29
TC BC BC TC

30.1 30.2 34.7 30.3 29.66 29.57
50 60 60 43 39 34
SW SW

29.2 29.3 28.67 28.22 28.5 28.6 28.5 28.44 29.00
60 41 15 15 7 17 29 29
TC BC BC TC

34.13 31.7 29.3 28.97 29.08
60 50 42 39 34
SW SW

27.9 27.93 27.46 27.69 27.8 27.7 27.50 27.93
32 15 15 7 17 29 29
TC BC TC

27.2 26.6 33.0 29.1 28.24 28.07
37 60 60 44 39 34
SW SW

Pt on curb Lt 15 + 70 +

Sta	+	π	-	E/v
-----	---	-------	---	-----

16+50				
-------	--	--	--	--

✓				
---	--	--	--	--

+75				
-----	--	--	--	--

✓				
---	--	--	--	--

+88				
-----	--	--	--	--

So. edge of
No. Innsbruck
to west

✓				
---	--	--	--	--

17+00				
-------	--	--	--	--

E to west

✓				
---	--	--	--	--

RG
LPD
DS

LT

E

April 11, 1975

RT

X26

27.0 27.01 26.59 26.9 27.0 26.9 26.72 27.16
27 16 15 7 17 28 29
TC BC BC TC

23.9 21.5 20.5 27.0 27.2 27.37 27.29
42 50 60 60 43 39 34
SW SW

24.3 26.69 26.23 26.5 26.6 26.4 26.29 26.70
32 17 15 7 17 28 29
TC Gutter BC TC

25.9 25.8 24.0 27.1 26.89 26.80
50 60 60 45 39 34
SW SW

25.3 25.6 26.25 26.03 26.3 26.4 26.2 26.09 26.48
60 48 31 15 7 17 29 30
BIT BIT Conc Gutter BC TC

23.2 24.3 26.5 26.67 26.60
60 50 44 39 34
SW SW

25.5 26.00 25.81 26.16 26.2 26.0 25.89 26.29
50 31 15 7 17 29 29
BIT Conc Gutter BC TC

25.4 25.6 25.9 20.9 22.3 26.4 26.45 26.41
100 150 200 60 50 42 39 34
SW SW

Sta + π - E/V

No edge of
Sta. to West

17+15

✓

+30

✓

+50

✓

18+00

BM

927.00

RG
LPD
DS

LT

RT

April 11, 1975
X 27

25.3 25.70 25.58 25.9 26.0 25.8 25.59 26.04
50 31 15 7 17 29 29.031
Bit Conc Gutter BC TC

25.2
60
Bit.

20.2 21.5 25.9 26.15 26.10
60 50 42 39 34
SW SW

24.9 25.68 25.24 25.7 25.8 25.6 25.36 25.78
27 16 15 7 17 29 30
TC BC BC TC

23.6 23.3
44 60

20.0 20.4 25.96 25.92
60 50 39 34
SW SW

17.3 24.8 25.40 24.93 25.5 25.5 25.2 25.05 25.47
41 25 16 15 7 17 29 30
TC BC BC TC

16.0
60

19.5 19.6 25.6 25.71 25.61
60 50 41 39 34
SW SW

20.9 23.8 24.75 24.30 24.71 24.8 24.6 24.42 24.81
35 27 16 15 7 17 29 29
TC BC BC TC

15.4 14.5
50 60

19.0 19.7 25.1 25.22 25.14
60 50 42 39 34
SW SW

Spike in PP NW Cor No. Innsbruck

Bench Level check

Sta	+	+	-	Elv	
BM	5.03	932.03		927.00	
TP	7.74	936.26	3.51	928.52	928.52
BM	1.36	935.17	2.45	933.81	933.79
BM			2.25	932.92	932.94

MH Elevations

BM	3.37	936.31		932.94	
8+03			5.38	930.93	
8+06			5.37	930.94	
8+08			5.52	930.79	
8+45			5.79	930.52	
8+00			5.49	930.82	930.85

Pg X-18

BM	3.44	936.38		932.94	
8+43			5.84	930.54	
TBM			5.52	930.86	930.85

RG
LPD
DS

Apr. 11, 1975
X28

spike in PP NW cor No. Innsbruck

pt on curb LT sta 15+70

Top Hyd LT sta 11+91

Top Hyd Palmer - NE cor.

RG
DS
LPD

Apr. 24, 1975
PC 55°

Top Hyd NE cor Palmer

Rim MH LT 49'

" " " 20.5'

" " RT 47'

" " LT 1'

♀

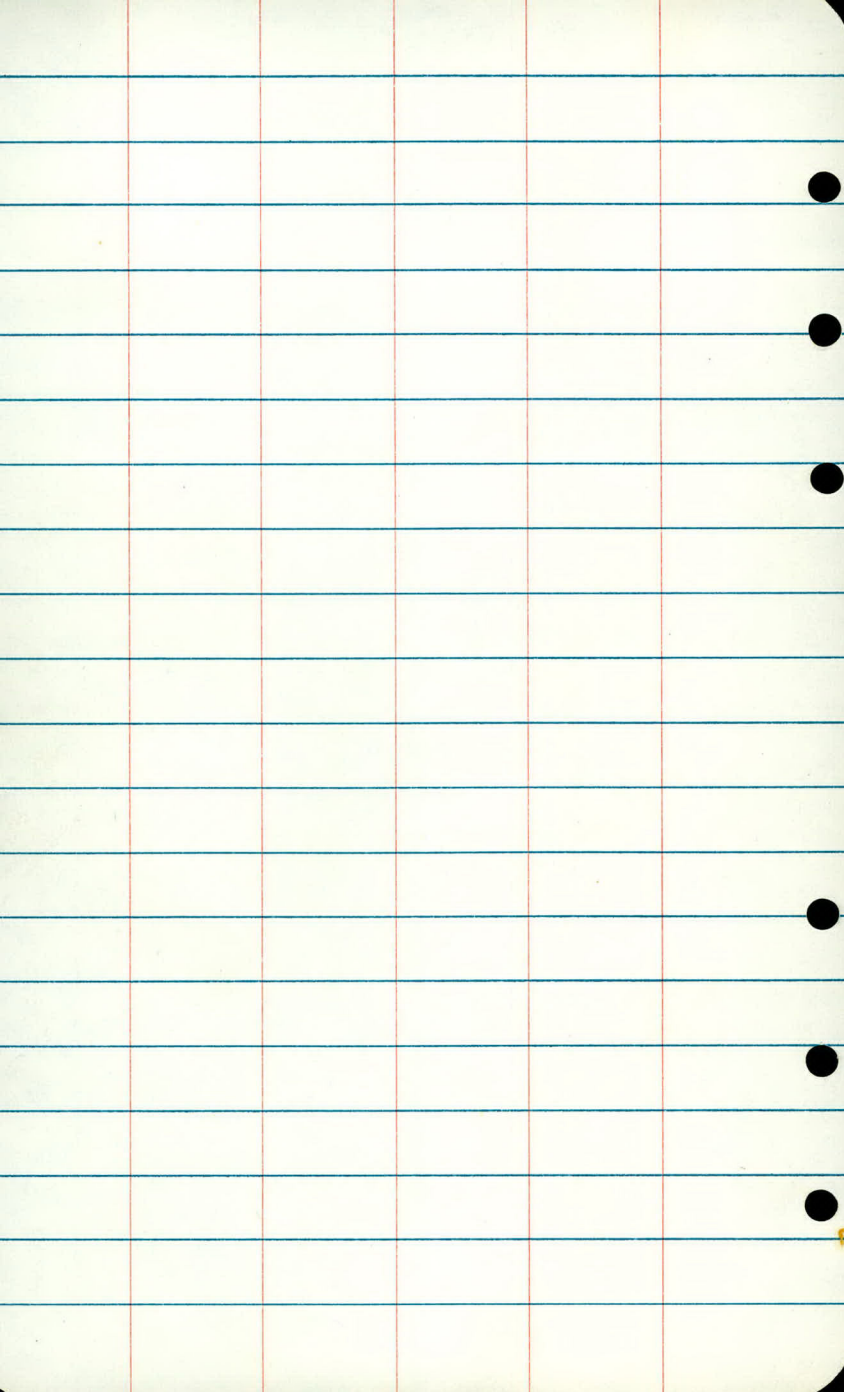
FK
KG
LPD
DS

Apr. 25, 1975
cldy 50°

Top Hyd NE cor Palmer

rim MH LT 37'

sta 8+00 ♀



RG
LPD

April 17, 1975
PC 30 windy

Silver Lake Rd

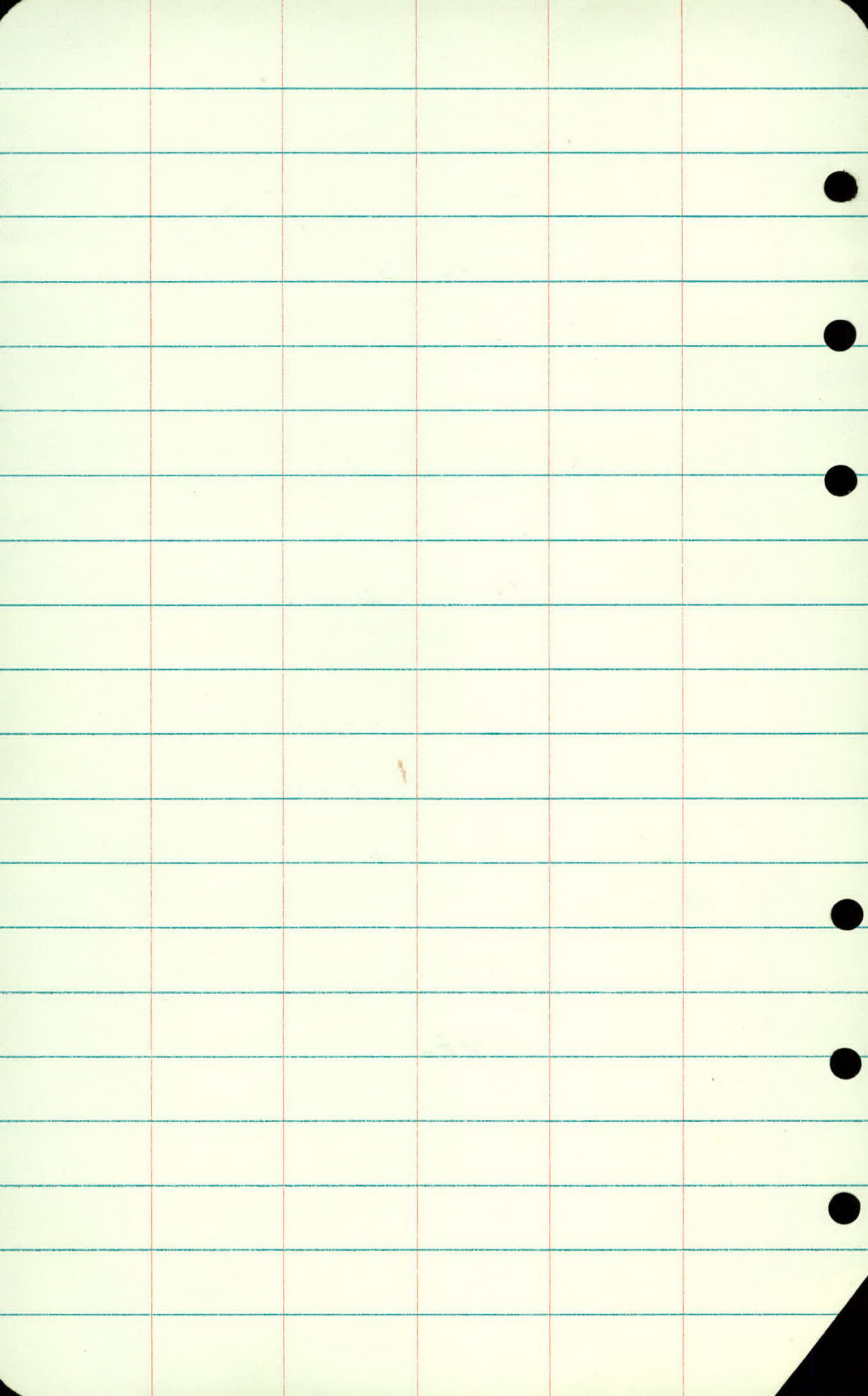
Soil Borings

@

Palmer Drive = 8450

62-644- CONST.

4 pages



RG
LPD

Apr. 7, 1975
PC 30° Windy

2

5+00 Lt 27'

0-1 SiL Black frozen

1-4 pl SL/G Bwn

4-7 S/G Bwn NP

5+00 RT. 27'

0-3 pl SL/G Bwn

3-7 S/G Bwn NP

7+00 RT 27'

0-2 pl SL/G Bwn

2-3 CL Bwn pl

3-5 pl SL Bwn V. WET

5-6 FLS dk Bwn NP

6-7 Sep/FSL Bwn

RG
LPD

Apr. 7, 1975

7+00 LT 24'

3

0-3 FS Bwn NP

3-5 p/SL dk Bwn

5-7 siCL Bwn pl

7+00 LT 44'

0-1 CL Bwn pl

1-4 L Bwn NP

4-7 p/SL dk Bwn

8+50 LT 35'

0-3 p/SL dk Bwn

3-7 siCL Gray + Bwn at 7' pl

10+00 LT 33'

0-1 CL Bwn pl

1-2 C Bwn pl

2-4 p/SL Bwn

4-7 siCL Bwn pl

RG
LPO

Apr. 7, 1975

10+25 RT 33'

4

0-2 s/pl SL dk Bwn

2-4 sil Bwn pl

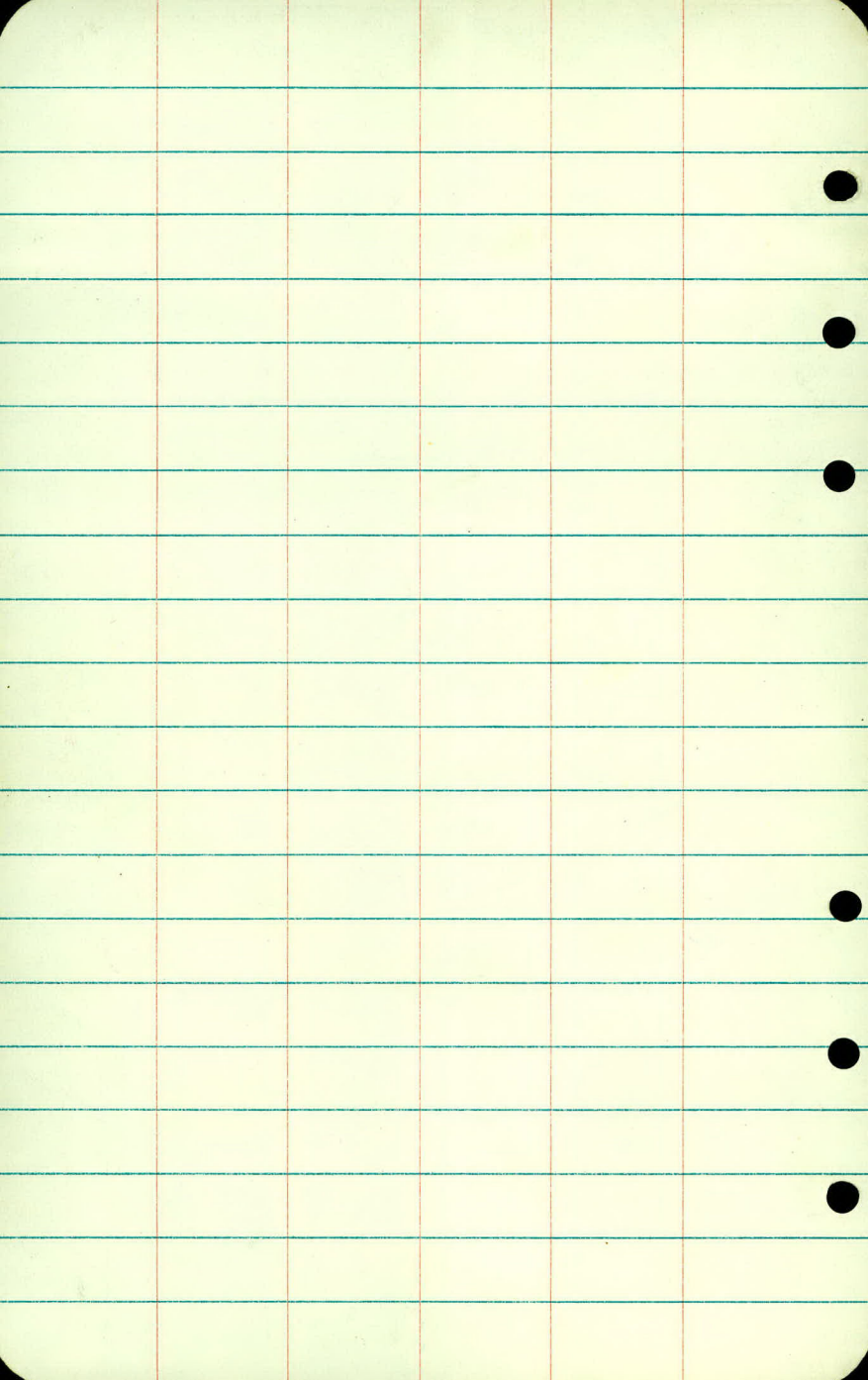
4-7 sil Bwn pl

12+75 LT 18'

0-1 pl SL Bwn

1-2 CL Bwn pl

2-7 sil Bwn pl



R6
LPD
DS

Apr. 30, 1975
Lt rain 50°

Silver Lake Rd

@ I 694

Additional X-Sections

Apr. 30, 1975

LT

£

Disc on SE Wingwall Bridge over I694

Top Bolt SE Cor Traffic Control Box LT Sta 0-35±

12.68	13.02	51.28	55.78	56.13	55.63	55.78	55.98
14.6	15.2	7.6	2.5	2.15	2.65	2.5	2.3
90	80	50	33	26	25	11	23
Fe				T.C.	Gutter		

14.08	19.18	53.48	53.60	53.10	53.38	53.48
14.2	9.1	4.8	4.68	5.18	4.9	4.8
54	40	30	26	25	11	
Fe			TC	GUTTER		

11.78	11.78	15.38	50.88	51.28	50.72	50.98	51.18
16.5	16.5	12.9	7.4	7.00	7.55	7.3	7.1
55	50	41	31	26	25	11	
Fe				TC	G.		

STA	+	N	-	ELV.
		958.28		
1+50				
2+00			11.89	946.4 (946.5)
TP	0.96	949.76	9.48	948.80
			11.37	
0+00			7.43	
+50				
1+00				
+50				

Apr. 30, 1975

LT

10.38	11.46	11.96	11.06	11.28	39.26	39.96	40.16
17.9	18.3	14.8	9.7	9.48	10.00	9.8	9.6
55	45	42	31	26	25	12	
Fe				TC	G.		

2 check shot from page X-12

Top corner fence past Lt Sta 0 + 50 ±

45.86	45.86	45.86	45.26	44.56	44.46
3.9	3.9	3.9	4.5	5.2	5.3
184	166	142	141	105	100
		TC	B.T	B.T	

45.06	45.46	45.01	43.86	43.56	42.36
9.7	4.7	4.3	5.9	6.2	7.4
130	109	104	86	79	60
	TC	B.T	B.T		

44.16	43.76	43.76	43.16	42.76	42.36
5.6	6.0	6.0	6.6	7.0	7.4
125	100	90	90	65	59
		TC	B.T	B.T	

43.16	42.66	42.36	41.76	41.26
6.6	7.1	7.4	8.0	8.5
126	100	90	90	65
		TC	B.T	B.T

STA + Δ - ELV

949.76

2+00

ENT LT

+ 50

3+00

TP 3.76 943.37 10.15 939.61

+50

+ 70

ENT. LT.

BM

10.45 932.92 (932.95)

RG
DS
LPTX

LT

Apr 30, 1975
E

42.06	41.86	40.56	40.06	39.76
7.7	7.9	9.2	9.7	10.0
150	132	100	90	65
B.T	B.T	B.T	B.T	B.T

41.76	40.06	39.46	38.86	38.26
8.0	9.7	10.3	10.9	11.5
126	100	90	90	65
		TC	B.T	B.T

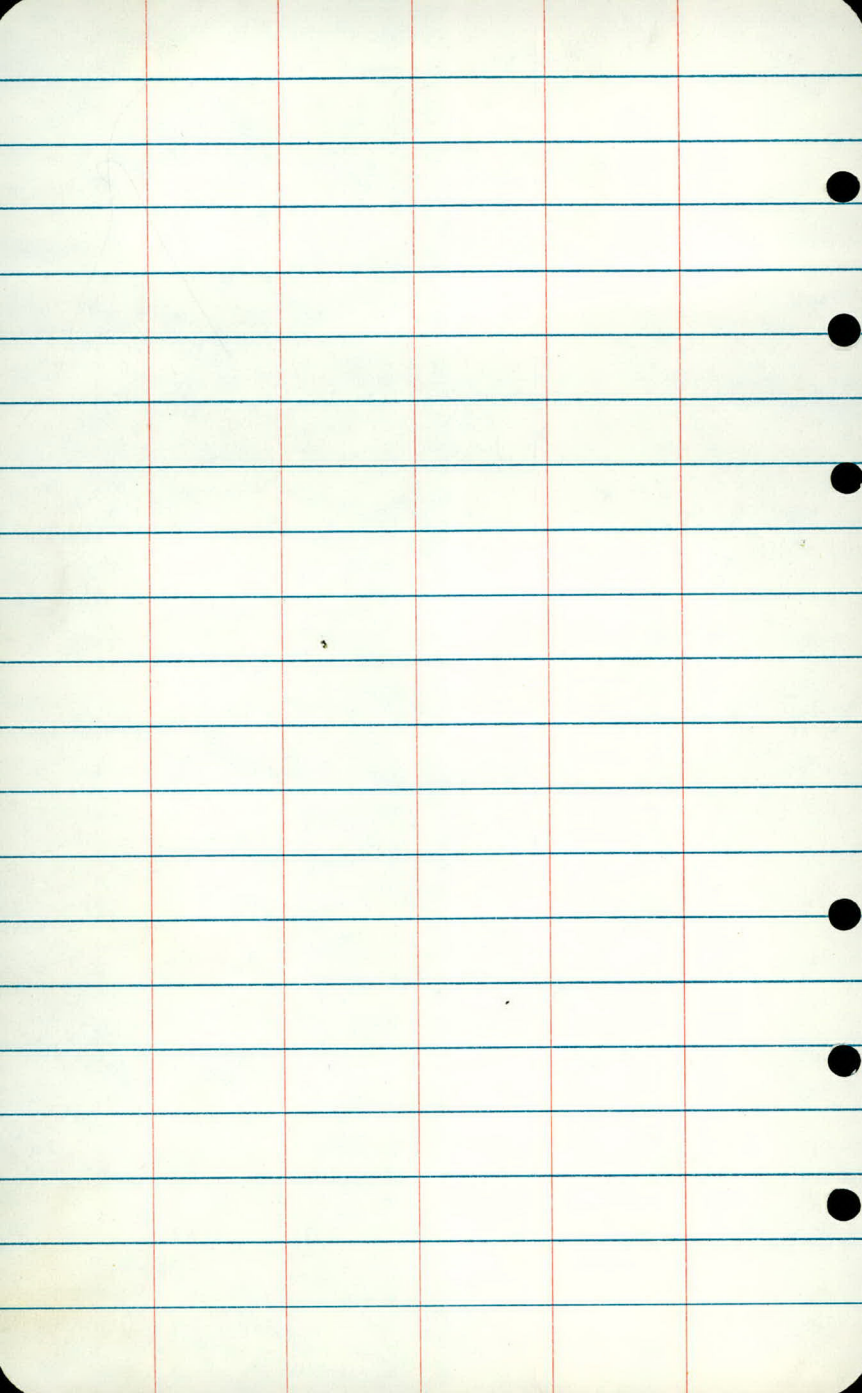
40.96	39.56	39.06	38.46	38.16
8.8	10.2	10.7	11.3	11.6
125	100	89	89	64
		TC	B.T	B.T

TOP SPK. STA 3+00 LT 100'

40.57	39.57	38.97	38.37	37.87
2.8	3.8	4.4	5.0	5.5
126	100	89	89	60
		TC	B.T	B.T

40.57	39.27	38.57	37.97	38.27	38.67
2.8	4.1	4.8	5.4	5.1	4.7
128	100	77	50	24	2
	B.T				

Top Hyd @ Palmer Dr.



DIETZGEN NO. 384-S

62-644-08

4⁺00 4.18 933.31 937.49

4+10 3.32 936.63

3+ 1.80 935.11

3+00 8.55 941.86 (941.29)

FK
KG

May 9, 1975

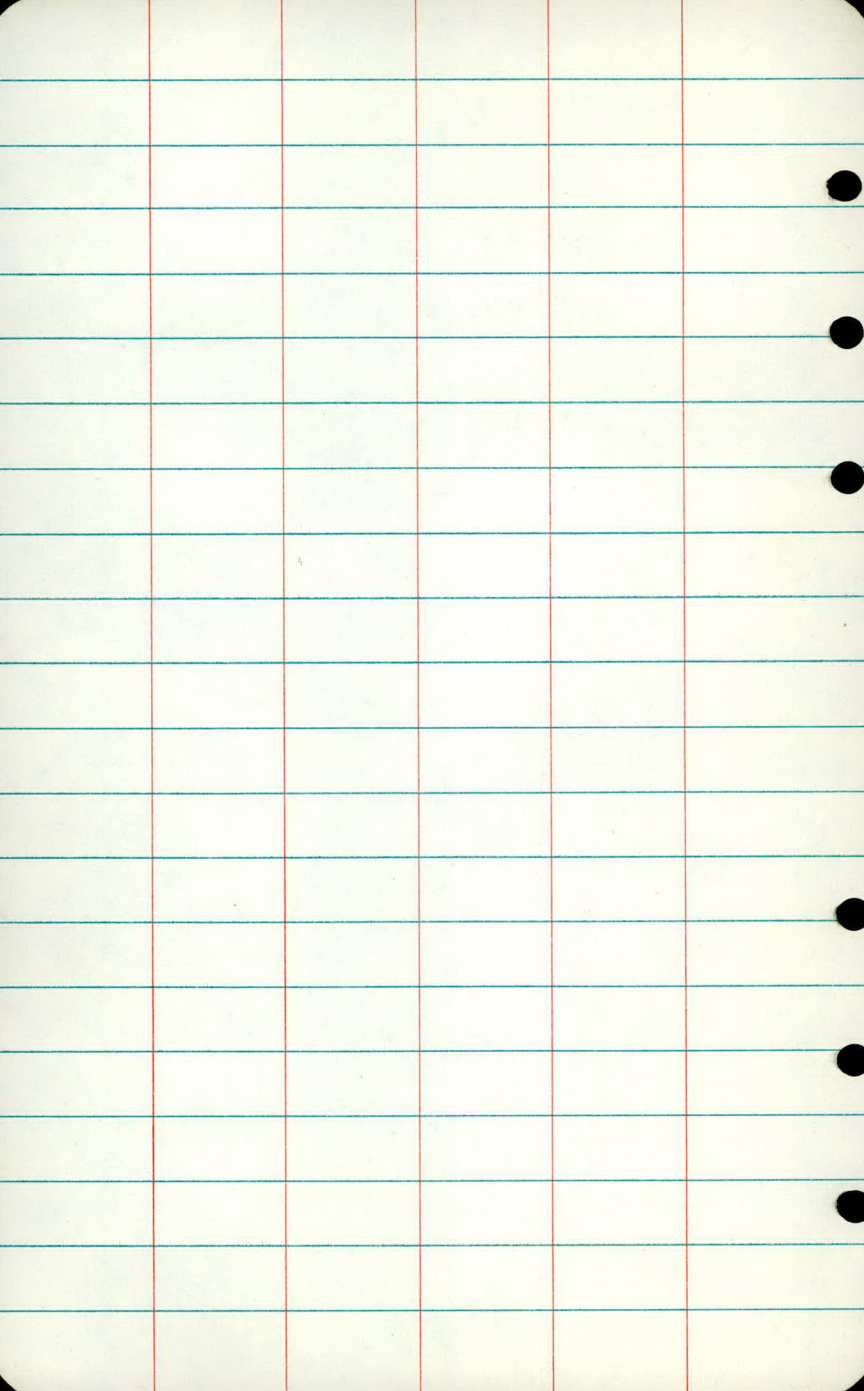
⊕

C. B. Lt.

3.75' Deep 932.88
Inv.

Apron Lt.

⊕



KP
DS
JA
RJ

2 APRIL 1976 1.
Sunny 50°

62-644-08

ADDITIONAL

TOPOGRAPHY

underground

utilities

	LT		£		RT
+50	TEL NC	GAS	OC		OC
	41 36	27.5	20.0		23.4

6+00	TEL NC	GAS	OC		OC
	40 37.5	29.0	21.4		22.5

+50	TEL GAS	NC	OC		OC
	41 30	37.5	23.8		22.1

5+00	TEL GAS	NC	OC		OC
	41 30.8	37	22.3		21.9

+50	TEL	GAS	OC	NC		OC
	40.5	30.8	22	35		22.1

+19 TP
35

4+00	GAS	NC	OC	RD	OC	OC
	30	34.7	24.5			25.9

+96 GAS	+92 GAS
31.6	62

RR
DS
UA
RU

LT

E

2 APRIL 1976

2.

RT

TEL.

NEW CURVE

GAS

OLD CURVE

6 + 50	TFL	NC	GAS	OC			OC
	41	37	27.5	20.5			23.4

KP
RS
JA
RJ

2 APRIL 1976

3.

LT

E

RT

GAS

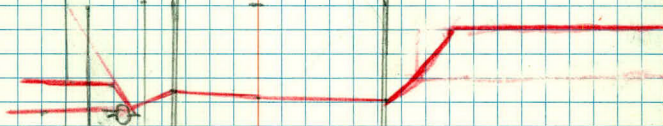
0

TEL

NE

GAS

OR



+50	TEL	LT	GAS	ELEC	OC	RT
46	23	26	15.1			OC
						29.2

+25 ELEC X-SING
18.6-E

11 +00	TEL	NC	GAS	OC		OC
44	35	23.6	15.1			29.2

+50	TEL	GAS	NC	OC		OC
44	23.5	35	15.1			29.2

TEL
+10 37-43

+01 ELEC

10 +00	GAS	OC	TEL		OC
	23	15.2	37		29.1

+98 ELEC

47-75

+97 TRANS

73-81

+89 TRANS

73-81

+64 MH

49

+50	TEL	GAS	ELEC	OC	OC
	38	22.5	41 & 47	15.6	28.8

+23 ELEC

36 & 41

+29 ELEC

+13 PP

41 & 46

26

+09 ELEC

9 +00	GAS	TEL	ELEC	OC	OC
	22	35	27	15.7	28.6

KP
BS
JA
RJ

LT

L

2 APRIL 1976

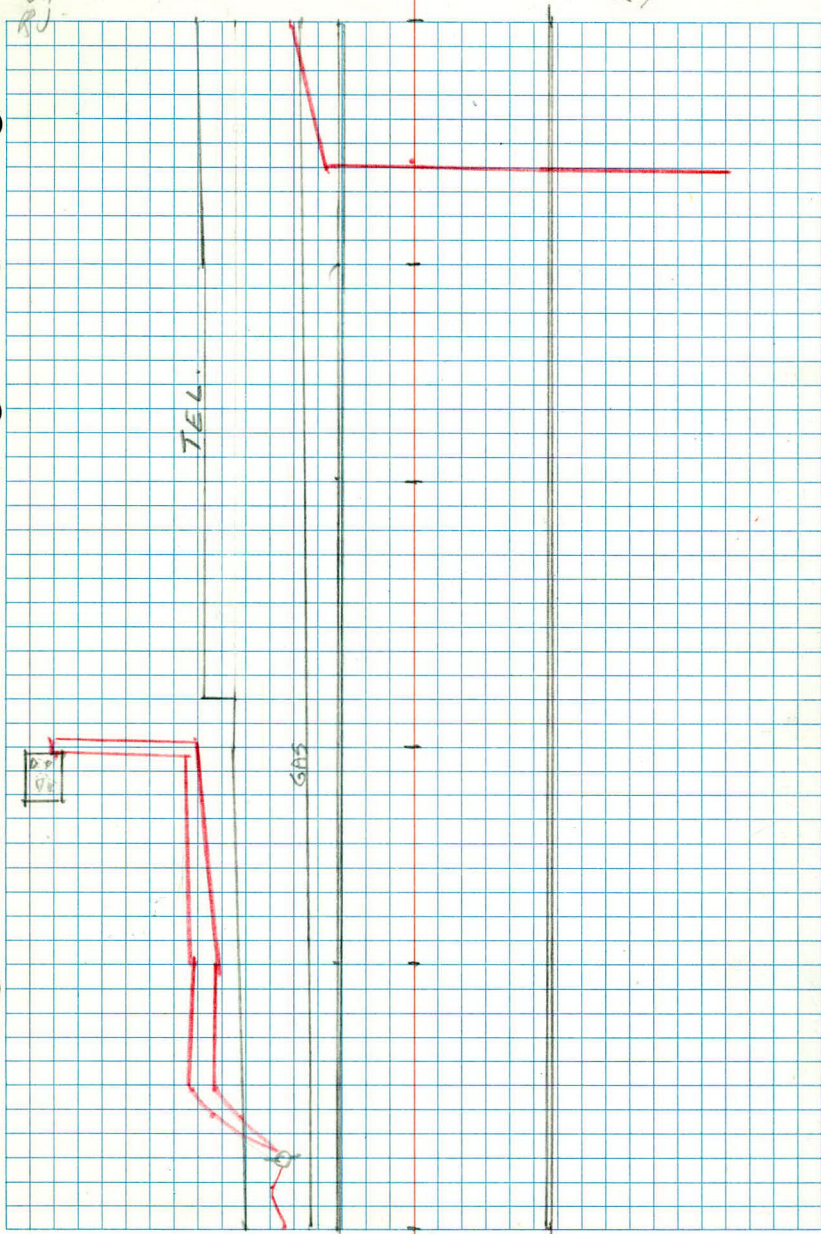
4.

RT

TEL.

GAS

DP
GP



	NC	LT	GAS	OC	OC	RT
14+00	25		24	15.1	29.2	

+50	NC		GAS	OC	OC	
	28		23	15.1	29.2	

+44 FOD TEL
28

13+00	NC	TEL	GAS	OC	OC	
	30	28	23	15.2	29.2	

+50	TEL	GAS	OC	OC	
	29	23	15.1	29.2	
+37	TEL				
	29-45				

+27	ELEC	+29	PP		
	27		29		

12+00	TEL	NC	ELEC	GAS	OC	OC
	46	35	26	23	17.8	29.2

11.+50	TEL	NC	ELEC	GAS	OC	OC
	46	35	26	23	15.1	29.2

KP
DS
JA
RJ

LT

2 APRIL 1976
RT

TEL

GAS

LT

E

RT

15+00

GAS	NC	OC	OC
23	19.7	15.1	29.2

+50

GAS	NC	OC	OC
23.5	22.8	15.1	29.2

14+00

GAS	NC	OC	OC
24	25	15.1	29.2

KP
DS
JA
RJ

LT

X

2 APRIL 1976

RT

GAS



