

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN

Survey

Ripley St.

From W. B. AVE. To N. St. P. Rd

Road Acc't. No. _____

Date Filed _____

BK 44
File Dr 9

KP
WM
DS
WS
LB

6 NOV. 1961

1.

PLAN SURVEY

RIPLEY ST.

WHITE BEAR AVE TO N. ST. PAUL RD

INDEX

PAGE #1

TITLE

2 & 3

ALINEMENT

4 & 5

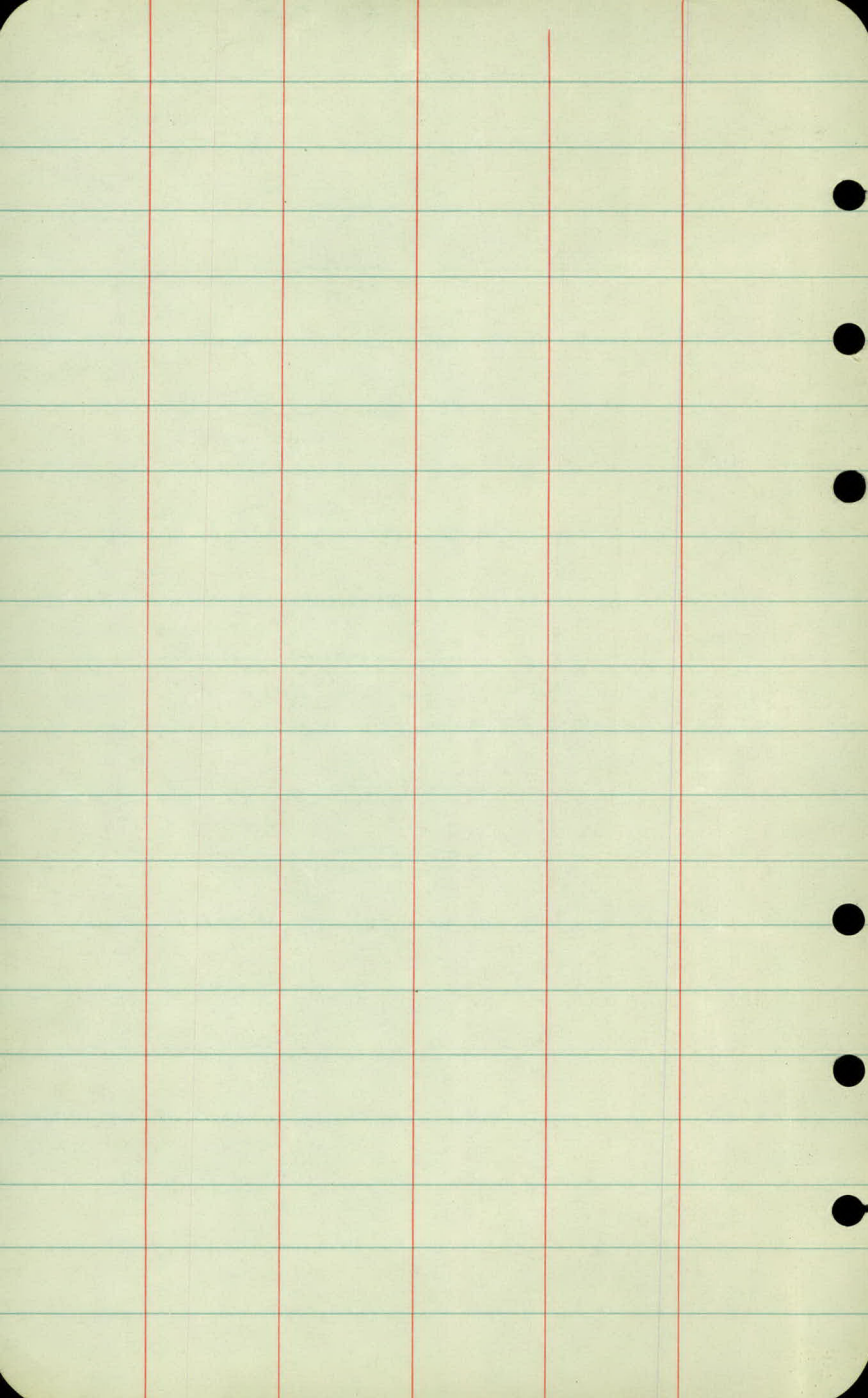
BENCH LEVELS

6 to 9

TOPOGRAPHY

10 - 20

X-SECTIONS

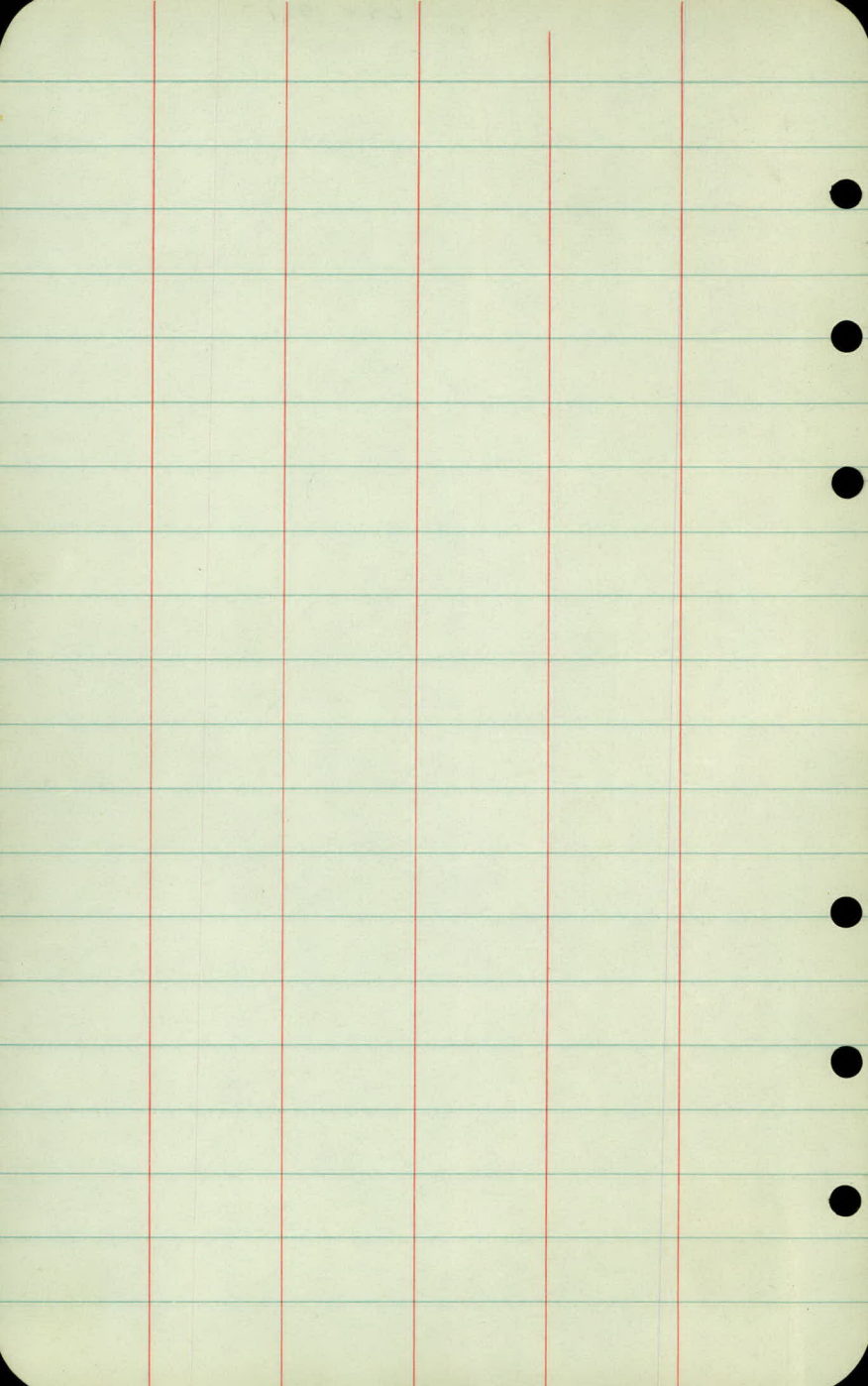


6 NOV. 1961

2.

KP
WM
DS
WS
LB

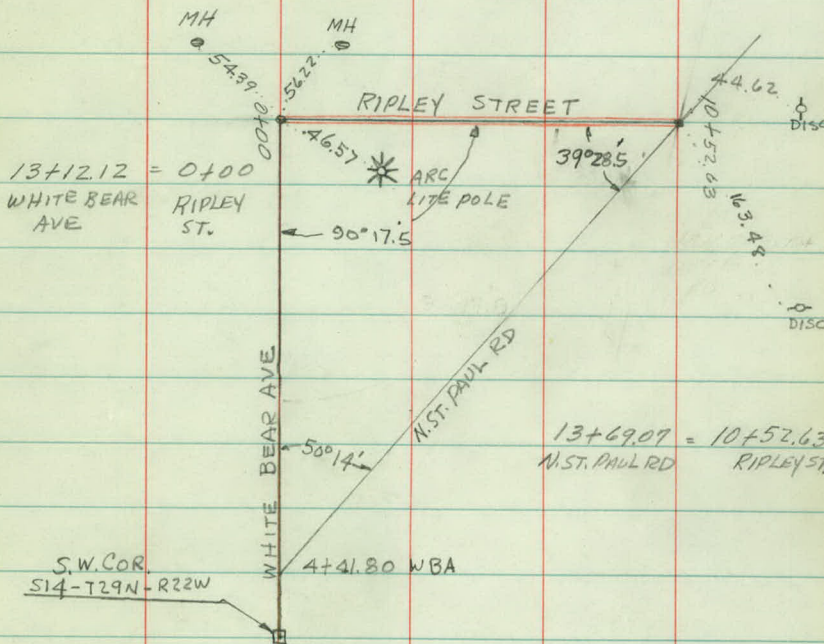
ALINEMENT

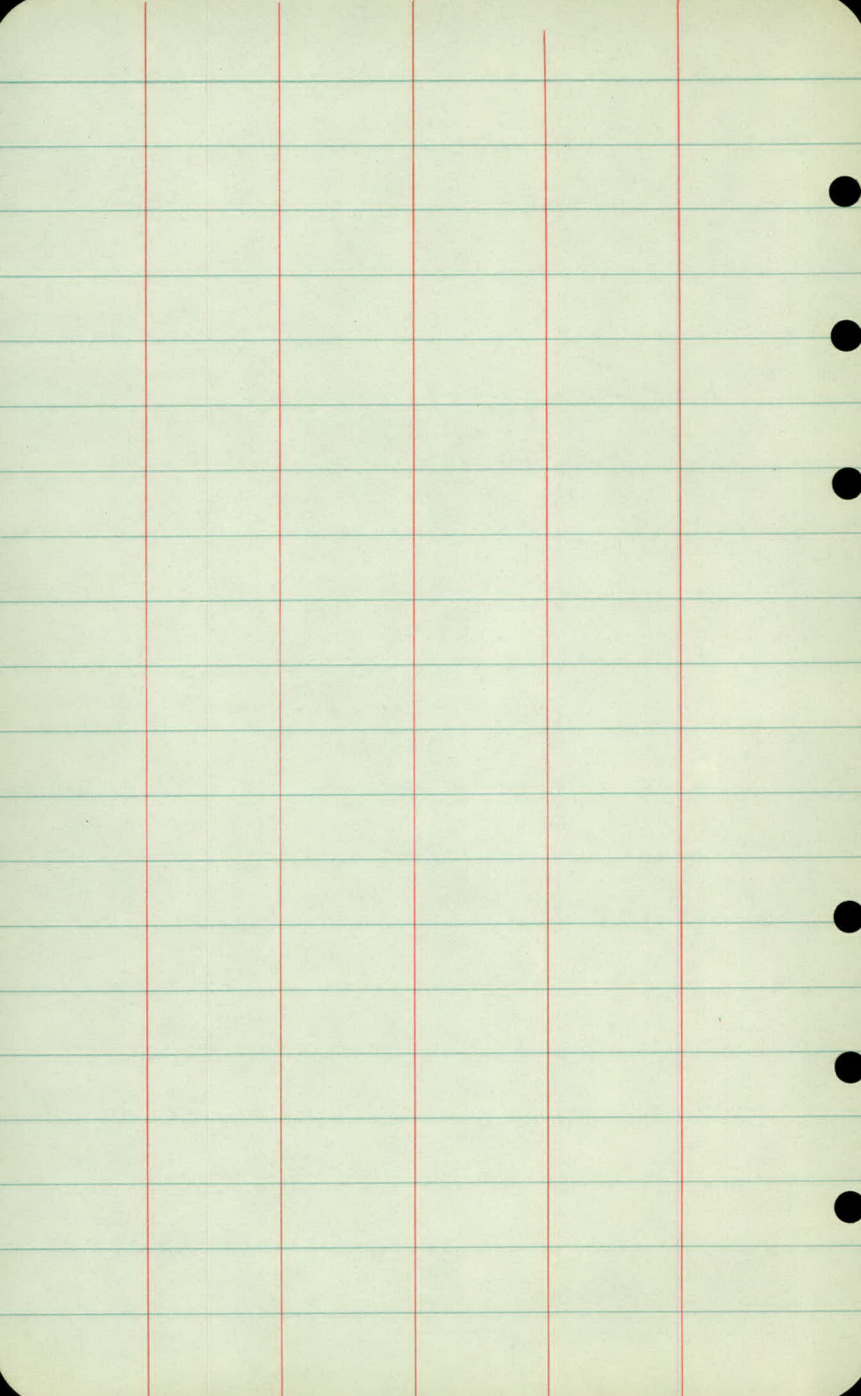


KP
WM
DS
WS
LB

6 Nov. 1961

3.





JS
FS
RB

6 NOV. 1961

4.

BENCH LEVELS

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

BM	3.81	972.86		
----	------	--------	--	--

969.05

T.B.M.	9.09	976.63	5.32	967.54
--------	------	--------	------	--------

T.P.	10.33	984.72	2.24	974.39
------	-------	--------	------	--------

BM

1.90 982.82

982.80

6 Nov 1961

5.

Lt.

#

Rt.

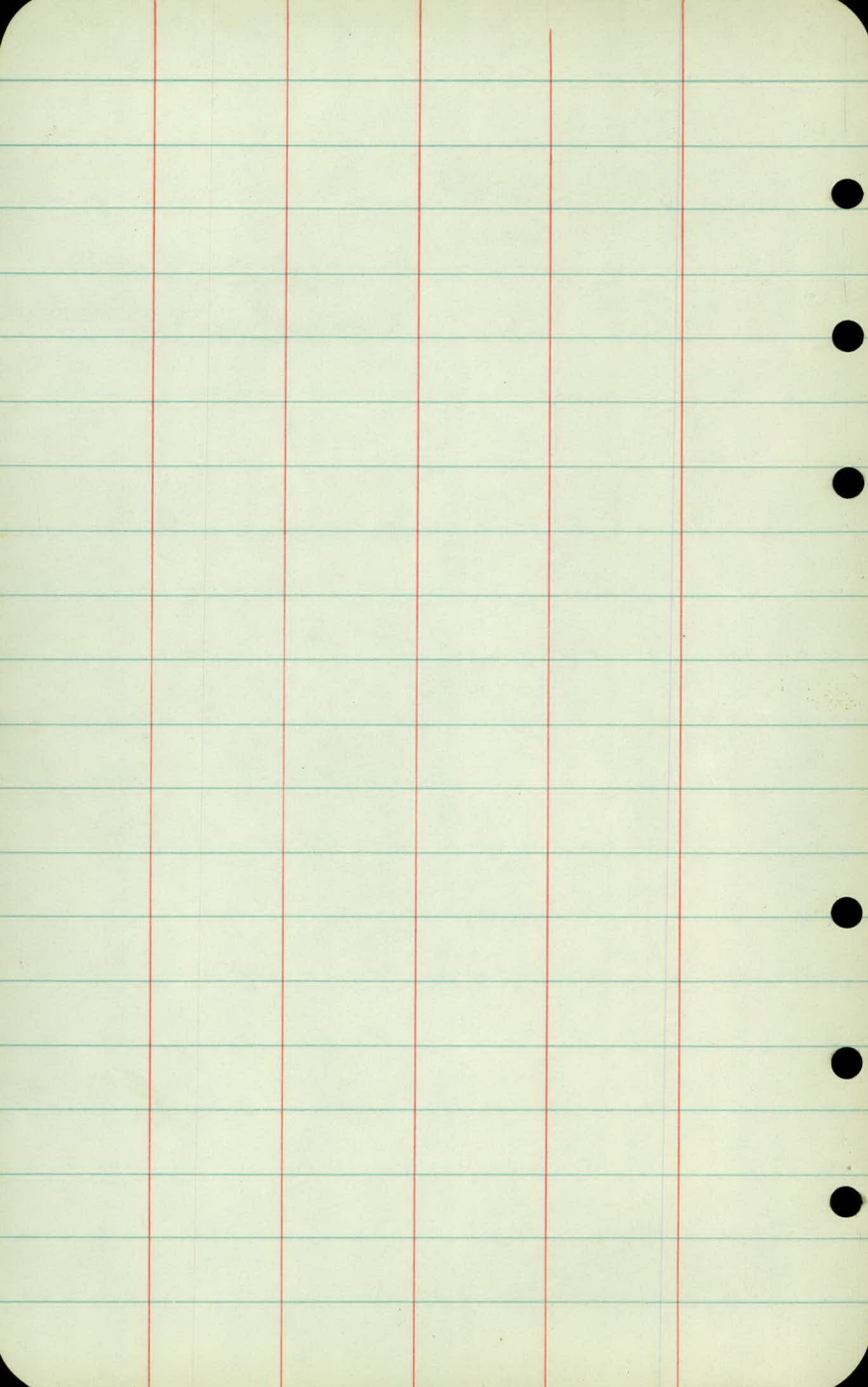
S.E. COR. LOWER STEP No[#] 1805 WBA

N.W. Cor ^(Metal) Light Standard 6+22 54' Rt

Top of Curb (E. END) 14+00 No St. Rd 26' Rt

SPIKE IN ARC LITE POLE 28.0 LT N. ST. PAUL

RD STA 17+06



KP
WM
DS
WS

6 Nov. 1961

6.

TOPOGRAPHY

RIPLEY STREET

WHITE BEAR AVE - N. ST. PAUL RD

[illegible]

KP
WM
DS
WS

6 Nov 1961

7.

Lf

E

Rf

18" 550 → MH
○
FL TO RING
6.5

45.5 24" VIT MH
FL TO RING
5.0

KROGER
BLDG

BRUSH

BRUSH

DITCH

18" 550
18" 550

BLACKTOP
PARKING AREA

0+00 = 13412.12
WBA

10+00

4

BT
33

BT
12

00 CORN

Rt

12 +60 END CURB
+40 ER x +17 +60 500
47 +60 POR 17

+39 BR
4 +500
00 60
COR CURB
87

25 2

9+00

+77 ER
29

+58 ER
49

+64 POR
38

+38 VANDYKE

+15 POR
34 +23 ER
49 50

+17 W. END 45' x 15' CM
49 +105 BR
21

+16 ASPEN
49

8+00

19 0

7+00

18 0

+54 FP
32

+47 MH
10

+29 SIGN
9

+24 2x2 LITE STD
60

+22 FP
33

+24 NE COR PARKING AREA
32

+105 FP
34

+109 ER
00

+103 BR
10

+103 N.W. COR BT PARKING AREA
33

6+00

20 0

+89 FP
36

+79 ER
6

+79 W. EDGE OF DRIVE

+74 FP
36

+74 BR
2

+57 FP
36

+44 FP
36

5+00

BT BT X
20 0

KP
WM
DS
WS

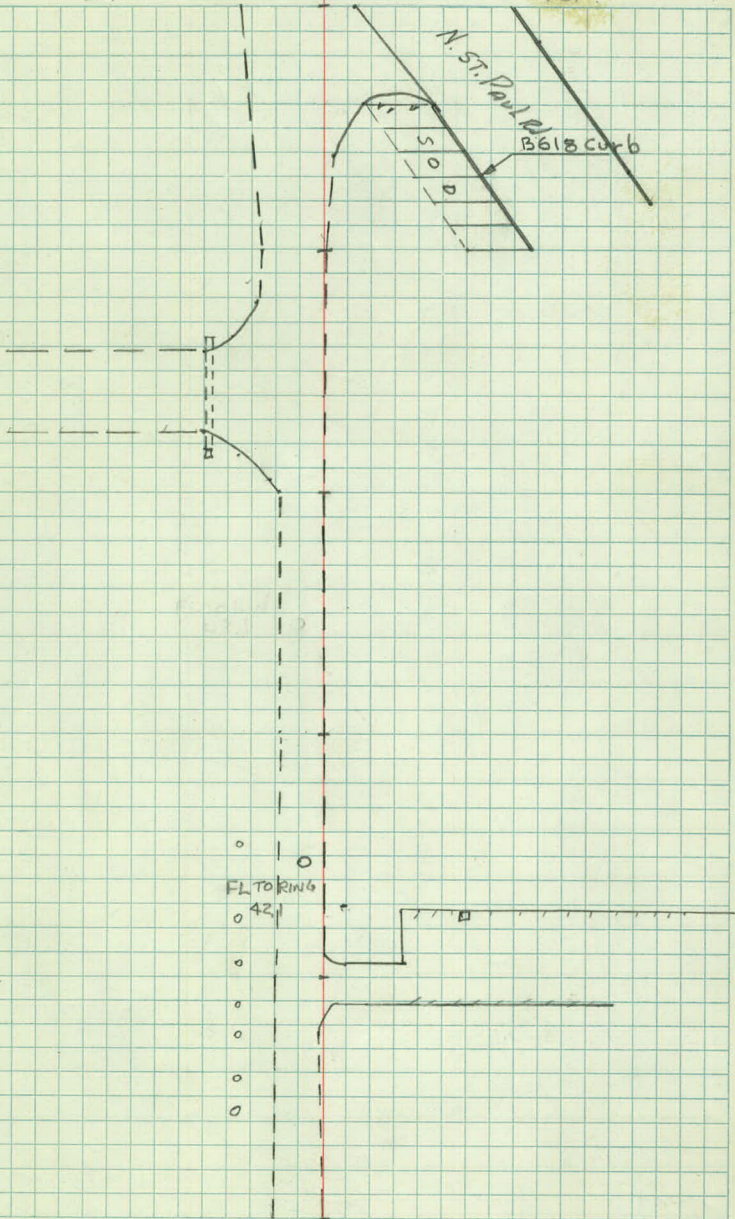
7 Nov. 1961

8

Lt

Lt

Rt



Lt

E

Rt

X

+52.63
BT
52
+60
NW COR SLAB
38.5
+15 BT
36

+92.33 NE COR SLAB
+52.63
BT
41
34
+15
BT
30

10+00

BT BT
33 12

KP
WM
DS
WS

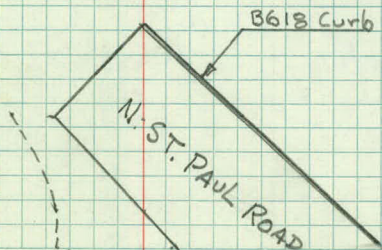
7 NOV. 1961

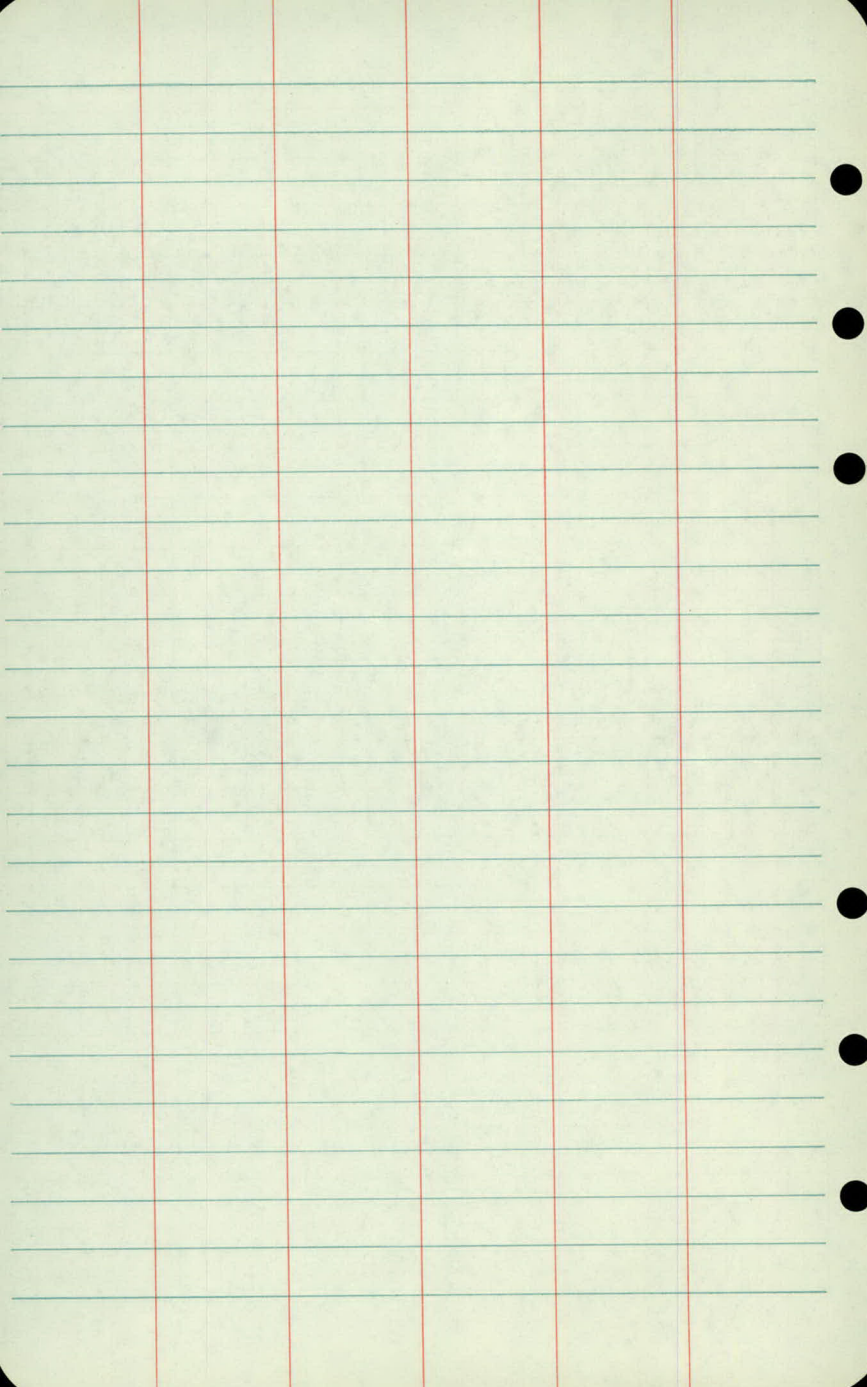
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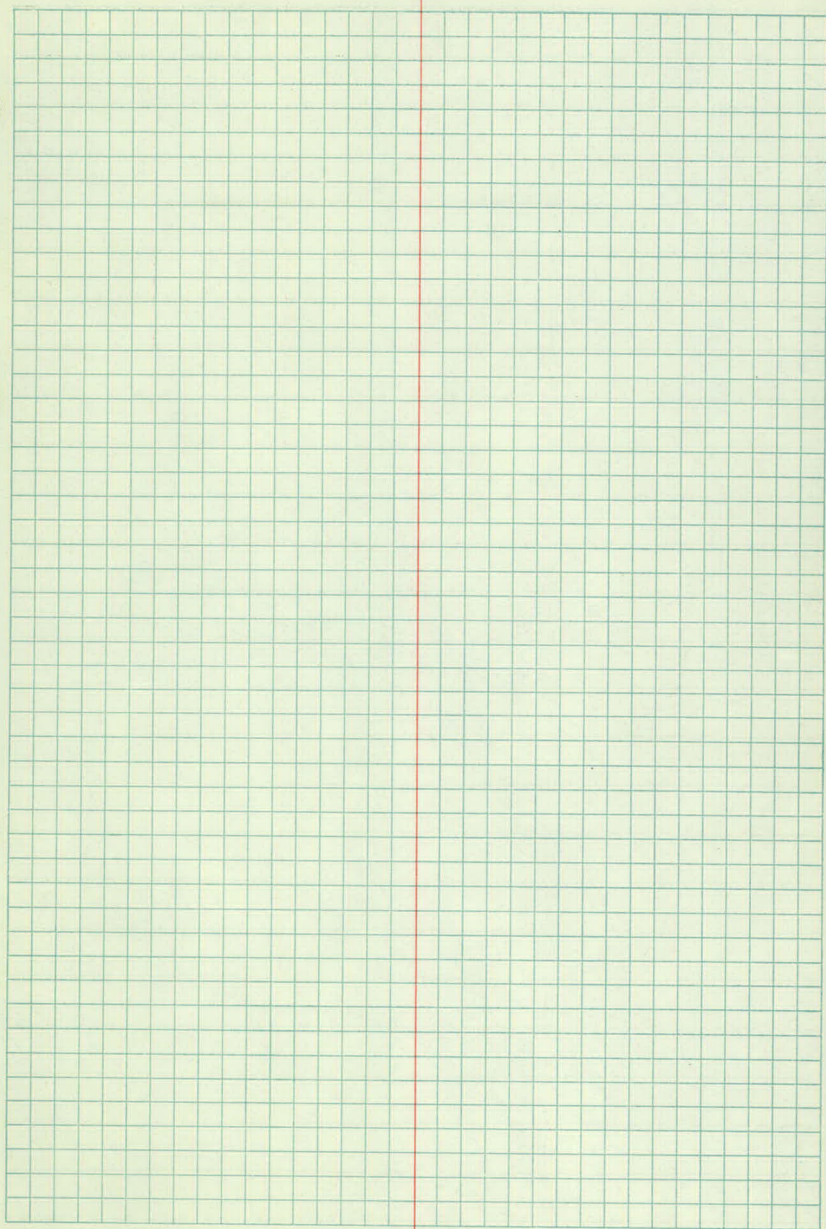
Lt

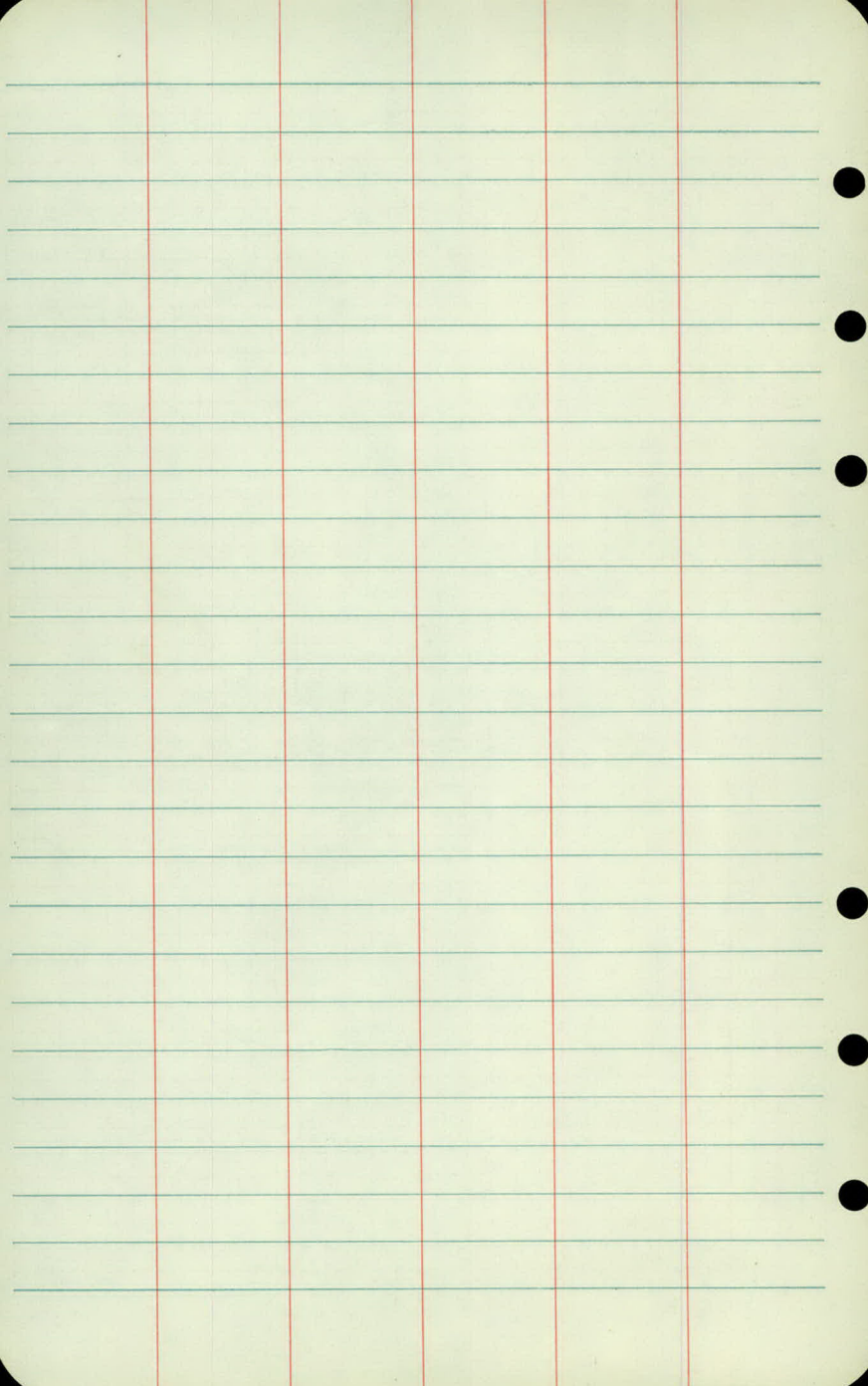
≠

Rt









X-SECTIONS

STA	+	π	-	ELEV.
B.M.	3.95	973.00		969.05

0+00 $\nless$ W.B.A.

✓

0+25 Gutter Line

0+26 Top of Curb

✓

0+44

✓

+53

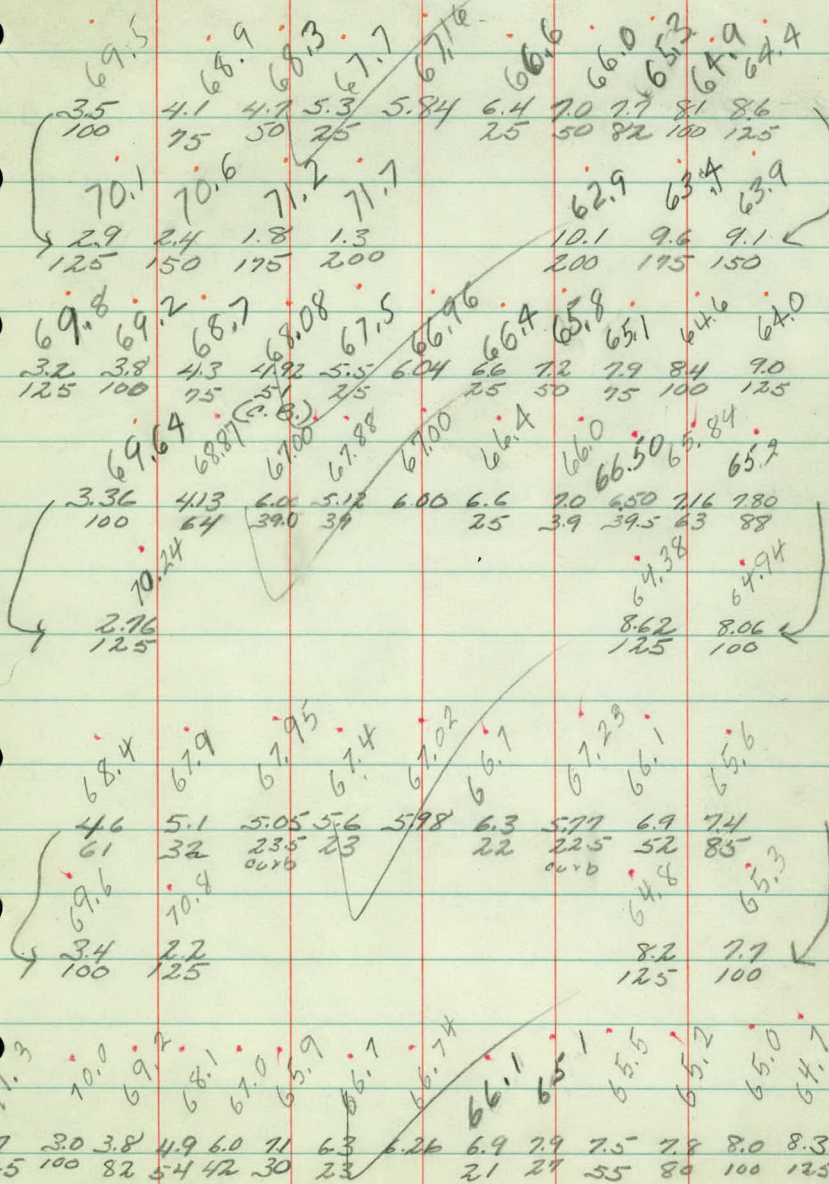
25
FS
RB
LB

4

5

11-6-61
Clear 30° 11.
Pt.

SE Cor Lower Step Ho = 1805 WBA.



Sta	+	π	-	eleu
-----	---	-------	---	------

		913.00		
--	--	--------	--	--

0+60				
------	--	--	--	--

✓				
---	--	--	--	--

1+68				
------	--	--	--	--

✓				
---	--	--	--	--

1+00				
------	--	--	--	--

✓				
---	--	--	--	--

FS
LB
RB

Lt

2

Rt

11-6-61 12.

67.4	66.6	66.4	65.4	66.3	66.4	65.8	64.6	64.8	64.6
5.6	6.4	6.6	7.6	6.7	6.6	7.2	8.4	8.2	8.4
94	76	48	33	24		20	26	35	58

(Bit Lot)

69.1	71.0
3.9	2.0
98	125

64.2	64.5	64.4
8.8	8.5	8.6
125	100	81

65.6	66.4	61.71	64.3	65.7	66.0	65.4	64.1	64.5	64.5
7.4	7.6	11.29	8.7	7.3	7.0	7.6	8.9	8.5	8.5
55	40	36	33	23		18	29	34	40

FLO. 2.18" RCP

67.2	69.2	71.0
5.8	3.8	2.0
92	96	125

64.3	64.5
8.7	8.5
125	100

64.8	63.8	62.0	64.3	64.31	64.0	63.7	64.1	64.5
8.2	9.2	11.0	8.7	8.49	9.0	9.3	8.9	8.5
59	38	31	23		18	28	34	64

67.1	69.4	69.4
5.9	3.6	3.6
88	95	125

64.3	64.5
8.7	8.5
125	100

Sta	+	π	-	elev
-----	---	-------	---	------

		973.00		
--	--	--------	--	--

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

2+00				
------	--	--	--	--

✓				
---	--	--	--	--

B.M				
-----	--	--	--	--

	3.94	969.06		
--	------	--------	--	--

				969.05
--	--	--	--	--------

T.B.M.	0.95	968.49		
--------	------	--------	--	--

				967.54
--	--	--	--	--------

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

✓				
---	--	--	--	--

JS
FS
RB
LB

Lt

2

Rt

11-6-61 13.

65.2	63.6	62.6	61.0	60.4	63.4	62.5 ²	63.7 ²	64.16	64.4	64.9
9.2	9.4	10.4	12.0	12.6	9.6	10.48	9.28	8.84	8.3	8.1
125	100	69	46	30	20		23	68	100	125
						CONCRETE		CONC		

60.2	60.0	59.1	62.6	62.6	62.35	63.10	63.53	64.3	64.3
12.8	13.0	13.9	10.4	10.4	10.65	9.90	9.47	8.7	8.7
63	39	32	22	21		33	68	100	125
						CONC		CONC	

61.9	62.6
11.1	10.4
100	125

S.E. Cor Lower Step No[#] 1805 W.B.A

N.W. Cor Metal Light Standard 6-22-54 Rt

JS
FS
RB
LB

11-7-61
Clear 350

56.9	56.5	57.2	61.6	62.0	61.73	62.0	62.31	62.5 ²
11.6	12.0	11.3	6.9	6.57	6.76	6.5	6.12	5.97
11	39	34	23	19		16	33	62
						CONC. CONC		

56.6	57.5	58.1
11.9	11.0	9.8
91	98	125

sta	+	π	-	elev
-----	---	-------	---	------

968.49

3+00

3+03

6.21 62.28

3+44

7.60 60.89

✓

3+44

14.03 54.46

+ 50

+ 50

+ 50

✓

4+00

4+10

12.00 56.49

✓

FS
RB
LB

Lt

E

Rt

11-7-61

14.

55.6 56.1 61.2 61.7 61.8 61.57 62.0 62.02 62.25 66.18
12.4 12.4 7.3 6.9 6.7 6.92 6.5 6.11 6.34 6.31
62 34 23 20 10 22 33 67 62.5

water shut off Valve 18' Rt

Top of Catch Basin 11' Rt (EAST Rim)

56.2 51.2
12.3 11.3
100 125

Flo Line 24" Vert tile Pipe 34' Lt

54.1 56.0 60.8 61.2 61.5 61.25 60.8 61.9 62.08 62.36
13.8 12.5 7.1 7.3 7.0 7.24 7.7 6.6 6.41 6.13
53 33 22 19 10 9 21 33 66
conc conc

54.6 54.8 55.6
13.9 13.7 12.9
76 100 125

57' Lt

54.4 54.0 55.3 61.1 61.4 60.85 61.4 62.03 62.31
14.1 14.5 13.2 7.4 7.1 7.64 7.1 6.46 6.18
100 66 33 19 11 21 33 67
conc

EAST Rim of Manhole 51' Lt

54.9
13.6
125

Sta + π - elev

968.49

+30

✓

5+00

✓

+50

✓

FS
RB
LB

L+

R

11-7-61 15.

R+

55.0	55.5	61.0	60.6	61.3	61.4	61.3	61.58	62.54	63.8	65.0
135	130	7.5	7.9	7.2	7.18	7.2	6.91	5.95	4.7	3.5
54	33	21	19	10		20	33	68	81	100

54.9	55.3	55.1
13.6	13.2	12.8
47	100	125

55.3	55.3	55.7	61.1	61.3	61.6	61.35	61.8	62.3	63.7	65.0	65.2
132	132	12.8	7.4	7.2	6.9	7.14	6.7	6.2	4.8	3.5	3.3
87	60	33	22	20	12		24	63	77	95	125

55.2	65.6
13.3	12.9
100	20

55.6	55.8	61.3	62.0	62.1	61.96	61.5	62.7	64.9	64.8	64.8
12.9	12.7	7.2	6.5	6.4	6.53	7.0	5.8	3.6	3.7	3.7
74	45	24	21	12		13	36	76	100	125

56.0	56.5
12.5	12.0
100	125

Sta	+	π	-	elev
-----	---	-------	---	------

		968.49		
--	--	--------	--	--

6+00				
------	--	--	--	--

✓				
---	--	--	--	--

5+49				
------	--	--	--	--

		5.09	63.40	
--	--	------	-------	--

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

7+00				
------	--	--	--	--

✓				
---	--	--	--	--

FS
RB
LB

Lt

E

11-7-01
Clev 350 16v
Rt

56.1 56.7 62.4 62.6 62.45 62.8 63.3 63.5 63.8 64.
12.4 11.8 6.1 5.9 6.04 5.7 5.2 5.0 4.7 4.4
58 41 20 12 27 53 77 100 125

56.7 57.4 57.7
11.8 11.1 10.8
81 100 125

EAST Rim of M.H 10' Lt.

58.1 57.6 57.6 62.7 63.2 63.4 63.20 63.2 63.7 63.9 64.6 64.6
10.4 10.9 10.9 5.8 5.3 5.1 5.29 5.3 4.8 4.6 3.9 3.9
100 74 43 25 19 11 12 43 69 100 125
58.7

59.0 59.1 58.8 64.0 64.1 63.80 62.9 63.3 63.8 64.4 64.8
9.5 9.4 9.7 4.5 4.4 4.69 5.6 5.2 4.7 4.1 3.7
91 67 39 20 11 7 14 27 47 71

60.8 61.6 61.1
77 6.9 7.4
100 105 125

65.4 65.2
3.1 3.3
125 100

Sta + π - elev

968.49

+50

✓

T.P. 13.02 978.58 2.93 965.56

8+00

978.58

See New x-sections

✓

8+17

14.30 64.28

+20

See New x-sections

✓

Sheet #4

Mar. 29, 1962

FS
RB
LB

LT

E

RT

17.

11.7-61

64.6
3.9

60.4 62.5 62.0 64.7 65.0 63.6 63.6 62.1 63.7 64.8 65.1
8.1 6.0 6.5 3.8 3.5 4.89 4.9 6.4 4.8 3.7 3.4
59 40 72 20 11 7 12 17 29 51

32

60.8 62.5 63.3 63.3 63.0
7.7 6.0 5.2 5.2 5.5
73 81 88 100 125

65.8 65.8 65.5
2.7 2.7 3.0
125 100 72

Top W. END 15' GMC 8+17[±] 419' LT

62.5 63.7 65.7 66.1 66.2 65.99 65.3 65.4 65.6 66.1
16.1 15.4 13.4 12.5 12.4 12.59 13.4 13.2 13.0 12.5
77 50 28 19 10 6 12 33 59

62.7 62.6
15.9 16.0
100 125

65.7 66.0 66.0
12.9 12.6 12.6
125 100 82

FLO. LINE W. END 15' GMC 419' LT

66.0 66.1 66.1 66.5 66.6 66.46 65.9 64.6 65.1 66.3
12.6 12.5 12.5 12.1 12.0 12.13 12.7 14.0 12.7 12.3
100 82 37 22 11 5 13 21 63

65.9

12.7
125

66.4 66.7
12.2 12.4
125 100

Sta + π - elev
978.58

8+38 Lt Profile of Van Dyke

✓

+56

✓

8+62

13.74 64.84

+64

✓

US
FC
RB
LB

11-7-61
Clear 38° 18
BT

LT

Z

66.3	66.5	66.6	66.7	67.3	67.7	66.8	65.3	66.6	67.0
12.3	12.1	12.0	11.9	11.3	11.4	11.8	13.3	12.0	11.6
125	100	56	25	12		3	12	25	62

66.3	66.1	65.9
12.3	12.5	12.7
150	175	200

66.1	66.6
11.9	12.0
125	100

66.3	66.6	66.9	67.3	67.9	67.8	67.7	66.7	67.2	67.4
12.3	12.0	11.7	11.3	10.7	10.12	10.9	11.9	11.4	11.2
125	100	60	34	12		6	22	37	69

67.7	66.6
11.4	12.0
125	100

Flo Line EAST END 15" GMC 419' LT

66.4	65.1	65.1	67.2	68.2	68.19	67.5	67.3	67.7	67.5
12.2	13.5	13.5	11.4	10.4	10.39	11.1	11.3	10.9	11.1
54	50	49	40	12		5	17	41	75

66.4	66.4	66.3
12.2	12.2	12.3
75	100	125

67.10	67.54	67.1
11.48	11.04	11.5
123.5	123	100
Gutter Corb 214CNS.R.I.		

Sta + π - elev

978.58

9+00

✓

+50

✓

10+00

✓

L+

£

66.3	66.3	69.2	69.6	69.45	73.1	69.0	68.0	64.47
12.3	10.3	9.4	9.0	9.13	5.5	9.6	10.6	10.71
33-35	32	25	12		5	23	61	94 CURB

67.6	68.9	70.1	70.4
11.0	9.7	8.5	8.2
37	62	100	125

67.97
10.61
95
GUTTER

69.4	70.0	70.8	71.2	71.26	71.1	70.1	69.83	69.33
8.8	8.6	7.8	7.4	7.32	7.5	8.5	8.75	9.25
37	31	26	12		8	23	59	61
							CURB	GUTTER

72.1	73.5	73.9
4.5	5.1	4.7
64	100	125

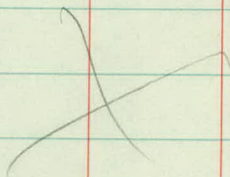
76.8	77.6	77.1	77.8	77.29	77.38
1.8	2.0	5.9	5.8	6.29	7.20
81	43-45	34	15		15
					conc.

78.6
9.0
93

Sta	+	π	-	Elev
-----	---	-------	---	------

		978.58		
--	--	--------	--	--

10+52.43



TP	8.37	985.50	1.45	977.13
----	------	--------	------	--------

BM			2.89	982.61	982.80
----	--	--	------	--------	--------

Lf

2

Rf

16.8 13.5 14.2 14.03 13.22

1.8 5.1 4.4 4.55 5.36

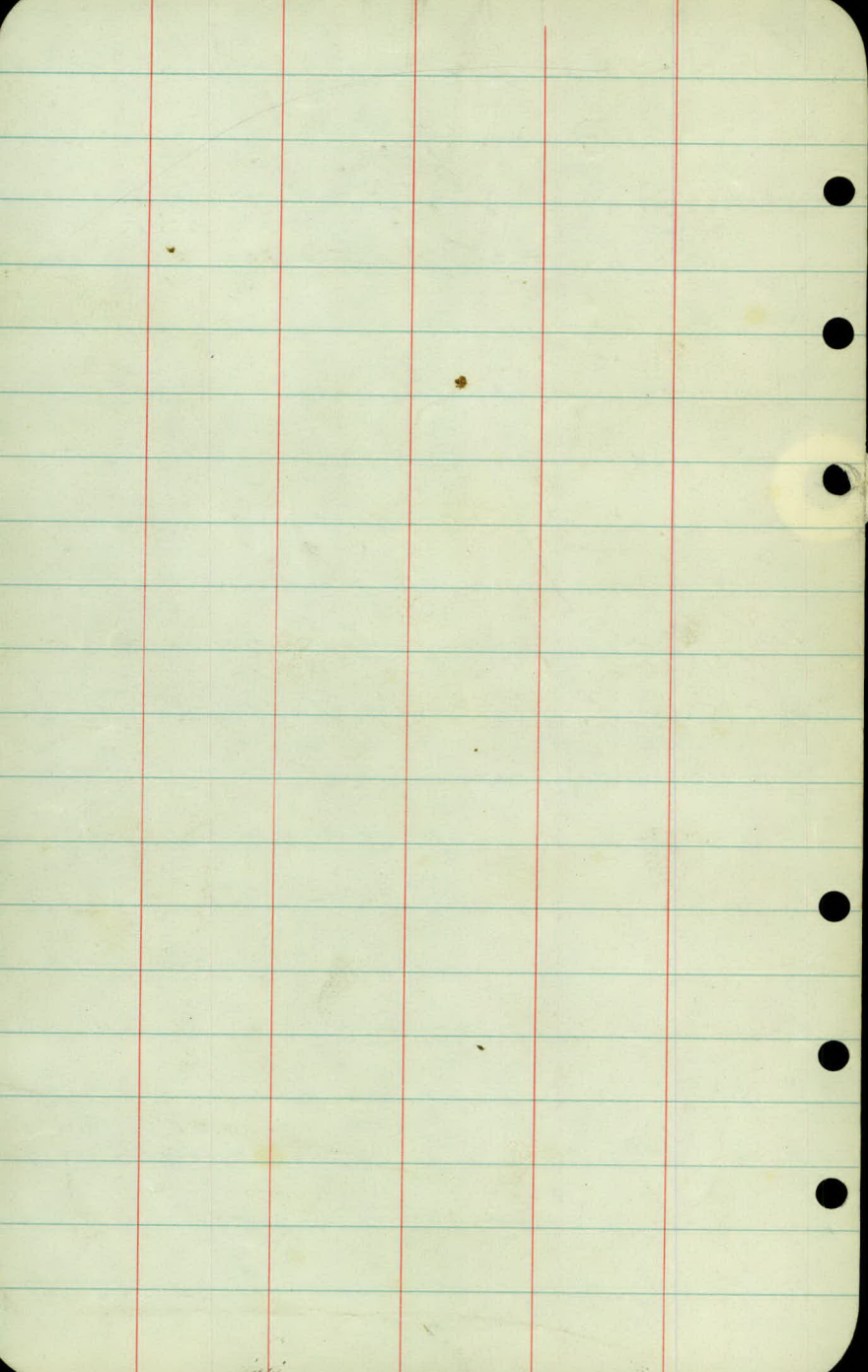
81 60-62 51 38 conc conc

19.6

0.0
100

TOP ROCK

SPike in PP 17406 (N. ST. PAUL RD. STA)



KP
JS
LB
DS

29 MARCH 1962
CLOUDY 40°

1.

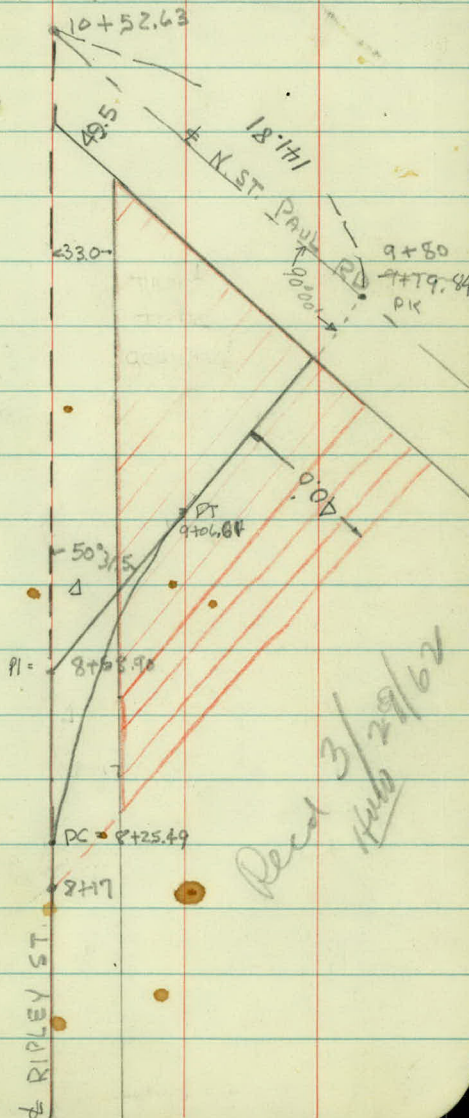
RIPLEY ST.

WHITE BEAR AVE TO N. ST. PAUL RD

NEW R/W
6 pages



Revised 6-18-62



Rec'd 3/29/62
Hub

Sta Point ΔL ΔRT CURVE

DATA

9+06.61 PT

Revised - 6-18-62

$\Delta 50^{\circ} 31.5$

D 54.91

T 43.41

8+68.90 PI

$50^{\circ} 31.5$ L 81.12

R 92.0

8+25.49 PC

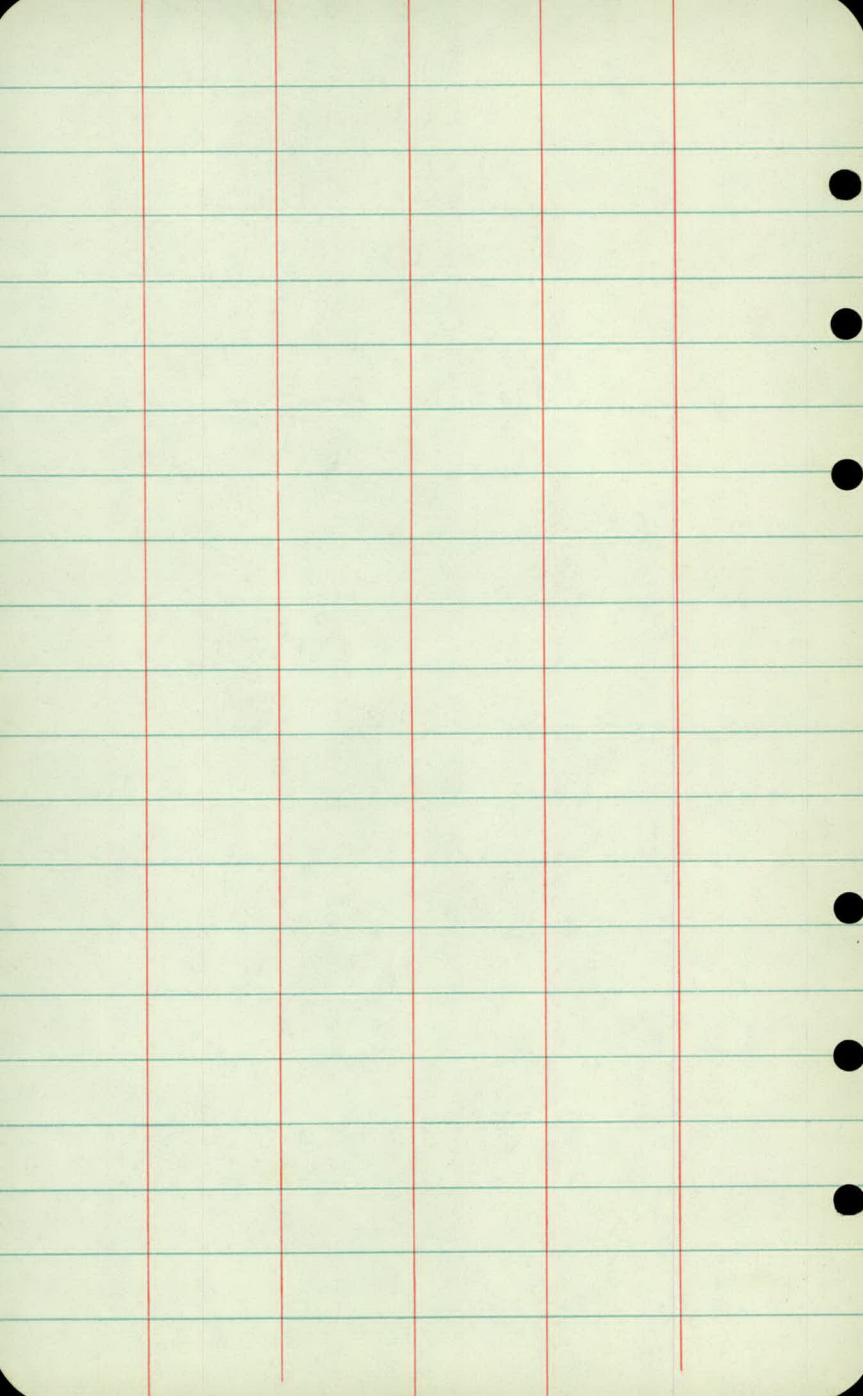
29 MARCH 1962

2

LT

£

RT



29 MARCH 1962

3

X-SECTIONS

X-SECTIONS BEGIN

AT P.C., STA 8+25.49

X-SECTIONS ARE TAKEN OFF OF
NEW ~~E~~.

STA	+	π	-	ELEV
BM	0.41	983.21		(982.80)
TP	1.01	974.37	9.85	973.36

8+25.49

+50

LT

/

RT

4

SPIKE IN ARC-LITE POLE 27.0 LT STA 17+06

RIPLEY ST.

ON

TOP PR NAIL AT STA 10+52.632 N. ST. PAUL RD

66.5	66.5	66.6	67.1	66.90	66.20	64.90	66.20	66.30
7.9	7.9	7.8	7.3	7.47	8.2	9.5	8.2	8.1
74	52	28	11	BT	6	10-14	18	31
BT	BT	BT	BT			DITCH		

66.5	66.6
7.9	7.8
92	57

66.5	65.02	67.4	67.7	67.8	67.7	67.4	66.2	67.0	66.8
7.9	9.35	7.0	6.7	6.6	6.7	7.0	8.2	7.4	7.6
57	53	46	22	14	BT	2	6-10	16	30
	FL 15" CM	BT	BT	BT			DITCH		

66.6
7.8
75

66.5	66.9	66.8
7.9	7.5	7.6
92	68	49

STA	+	7	-	ELEV
-----	---	---	---	------

		974.37		
--	--	--------	--	--

8+75				
------	--	--	--	--

✓

9+00				
------	--	--	--	--

125				
-----	--	--	--	--

154	=	TOP CURB N. ST. PAUL RD.		
-----	---	--------------------------	--	--

TP	4.09	970.01	8.45	965.92
----	------	--------	------	--------

BM			3.75	966.26
----	--	--	------	--------

(966.27)

29 MARCH 1962

5

LT

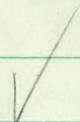
E

RT

Station	LT	E	RT
61.80	69.1	69.24	68.8
7.6	5.3	5.2	5.6
52-56	99	28	12
DITCH	BT	BT	BT

68.2

69.5

6.2
604.9
75

Station	LT	E	RT
70.1	71.1	70.7	70.2
4.3	3.4	3.7	4.2
89-91	75	56	35
DITCH	BT	BT	BT



Station	LT	E	RT
71.7	72.3	71.3	70.5
1.7	2.1	3.1	3.9
100	89	58	43
BT	BT	BT	BT

71.9

71.2

70.4

69.49

68.99

68.49

67.95

67.39

2.5
100
BT3.2
71
BT3.97
36
END OF
CURB

4.88

5.48
255.89
476.62
816.98
100

TOP CURB

SPIKE IN STUB POLE 64' RT STA 4+68

N. ST. PAUL
RD.

STA + π - ELEV

BM 4.88 974.37

969.49

9+54.24 = GUTTER

BM

1.01

973.36

973.36 .

29 MARCH 1962

6.

LT

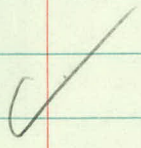
~~LT~~

RT

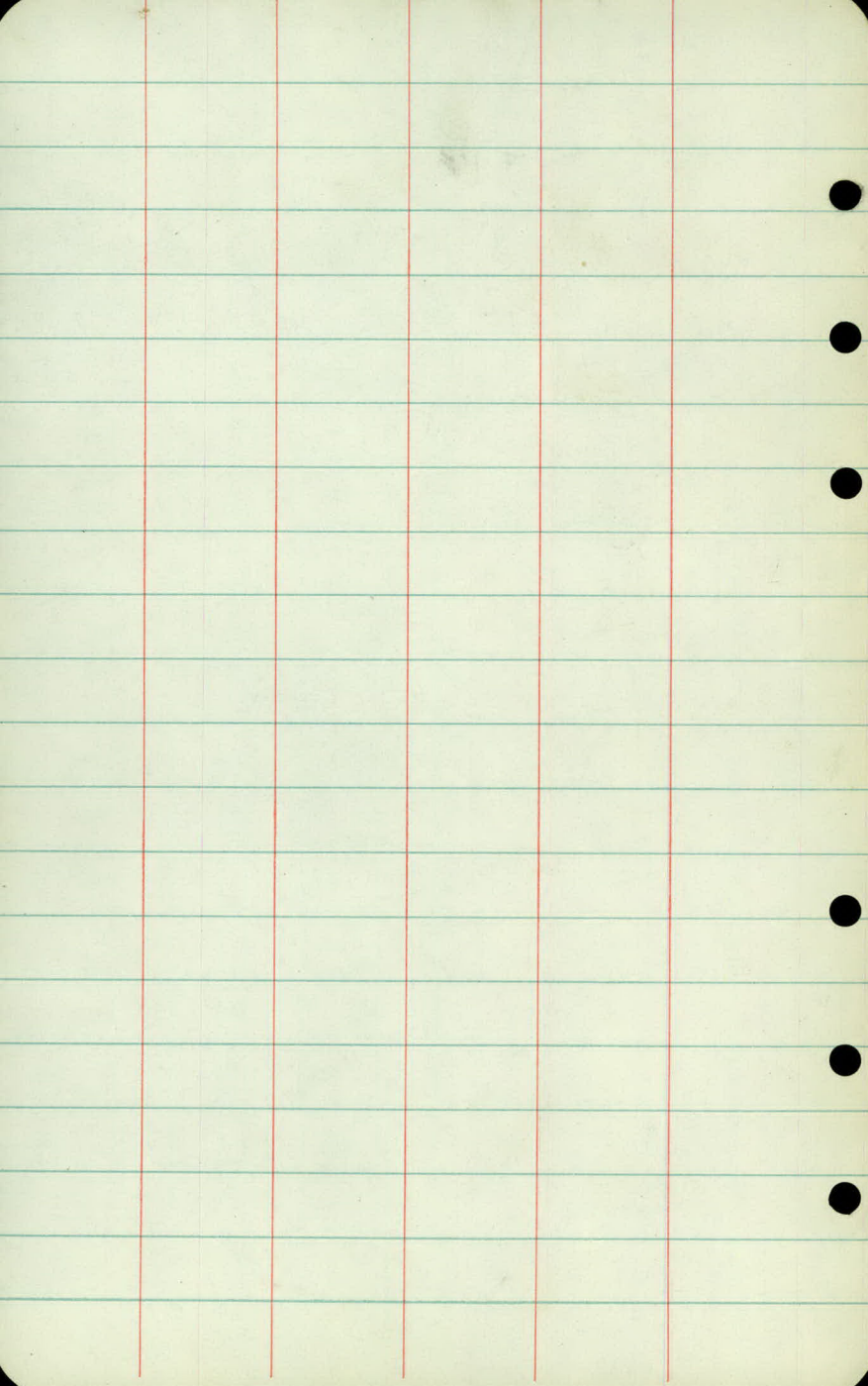
TOP CURB STA 9+56

71.9	71.7	69.9	68.9	68.3	67.9	67.5	66.9
2.5	3.2	4.47	5.38	5.98	6.39	7.12	7.48
100	71	36		25	47	81	100

END
CONC.
GUTTER



TOP PK ^{RIPLEY ST.} ~~STA 10+52.63~~ 0+52.6300 N. ST PAUL RD.



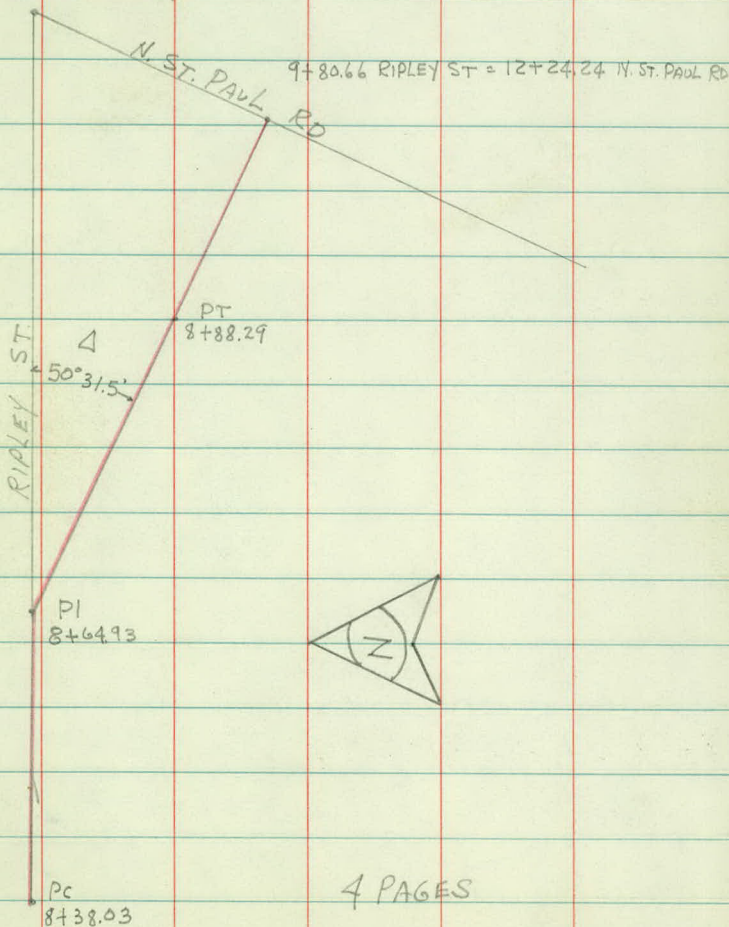
KP
RB
DS
RH
JD

15 JUNE 1962 1.

RIPLEY ST

WHITE BEAR AVE TO N. ST. PAUL RD

10+52.62 RIPLEY = 13+69.09 N. ST. PAUL RD



4 PAGES

+38.03 PC

15 JUNE 1962

2.

~~1~~

STA	POINT	ΔL	ΔR	CURVE
				DATA

9+80.66	P.O.T =	12+24.24	E	N. ST. PAUL RD
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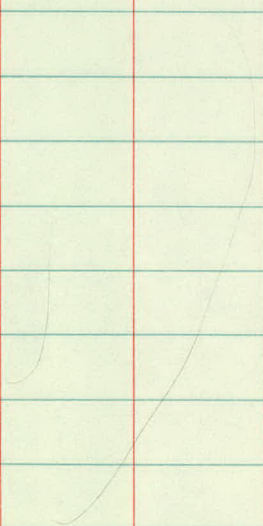
15 JUNE 1962

3.

Lt

£

Rt



STA

+

+

-

ELEV.

BM

3.26

976.62

973.36

7.29

69.33

7.66

68.96

7.21

69.41

TP

10.68

986.47

0.83

975.79

3.65

982.82

982.80

15 JUNE 1962

4.

Lt

±

Rt

TOP PK STA 10+52.62 RIPLEY ST.

TOP PK STA 9+80.64 RIPLEY ST.

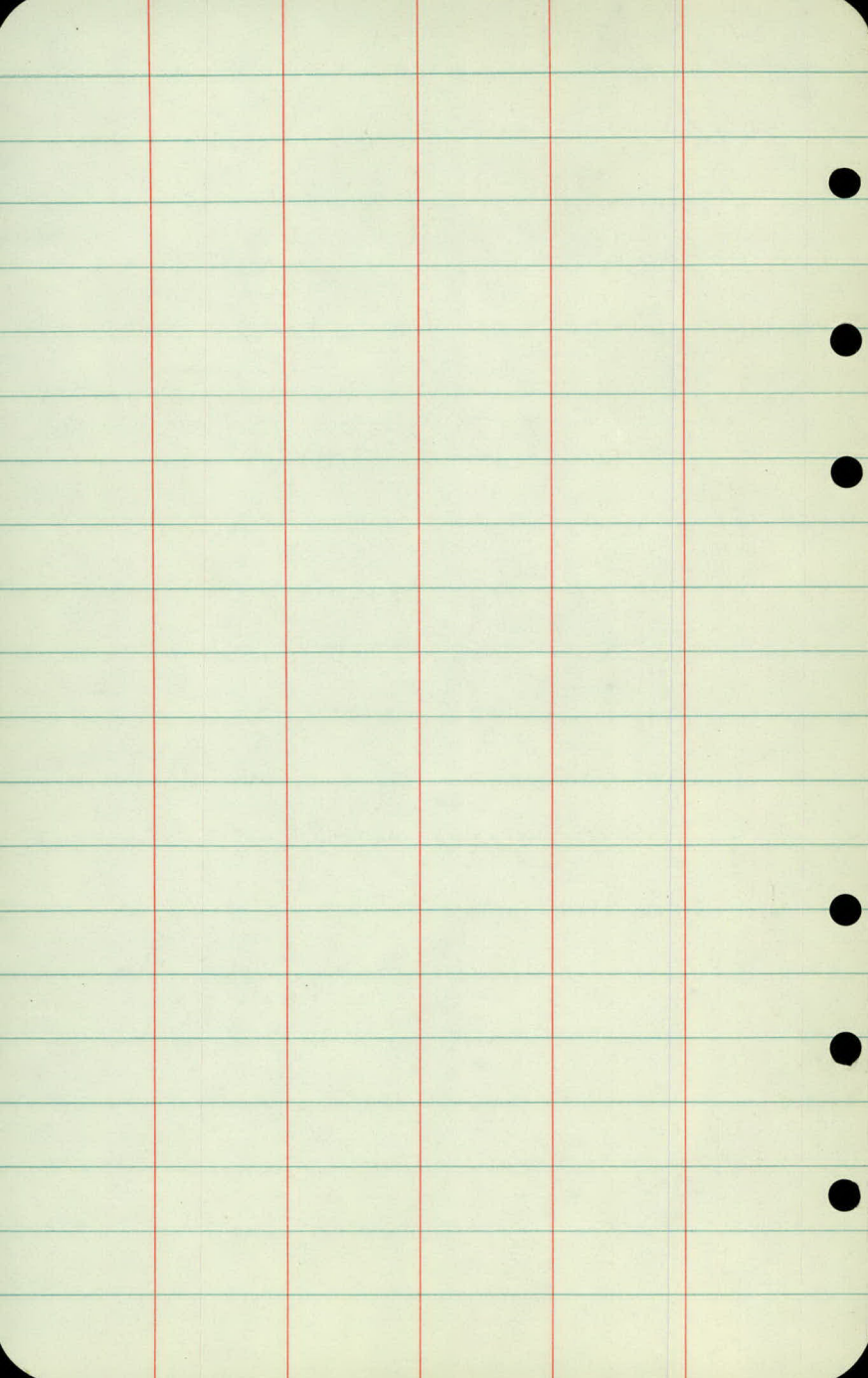
GUTTER STA 9+55.16 RIPLEY ST

TOP CURB STA 9+54.66 RIPLEY ST.

TOP ROCK

SPIKE IN ARCH LITE POLE 27.0' LT STA 17+06

N. ST. PAUL RD



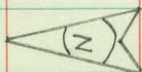
KP
RB
DS
RH
JD

18 JUNE 1962

1.

RIPLEY ST.
BORROW PIT
(7 PAGES)

Plotted



RIPLEY ST.

14+50

BORROW
AREA

N. ST PAUL

10+52.63

ROAD

STA + π - ELEV

Bm 6.02 979.38

973.36

10+98

✓

11+00

✓

+31

✓

+45

✓

+63

19 JUNE 1962

2.

Lt

£

Rt

TOP PK £ STA 10+ 52.62 RIPLEY ST.

74.0

5.38
TOP CARB

74.5

4.9

75.6

3.8

72.7

6.7

71.3

8.1

Sta

+

π

-

ELEV

979.38

11+82

✓

12+00

+28

+80

13+00

19 JUNE 1962

3.

Lt

4

Rt

71.8
7.6

77.6	77.2	76.5	75.6	74.8	74.3	72.3	70.8	70.4
1.8	2.2	2.9	3.8	4.6	5.1	7.1	8.6	9.0
54	51	40	29	17		7	13	15

✓

76.5	76.0	75.2	73.7	73.5	73.5	73.1	72.6	72.4	72.0	70.8
2.9	3.4	4.2	5.7	5.9	5.9	6.3	6.8	7.0	7.4	8.0
29	23	19	12	8		6	10	17	26	34

✓

73.9	73.6	73.1	72.1	71.4	71.4
5.5	5.8	6.3	7.3	8.0	8.0
8	6	4		8	10
Toe					H ₂ O

✓

73.2	72.7	72.1	71.4
6.2	6.7	7.3	8.0
6	3		5
Toe			H ₂ O

✓

STA

+

π

-

979.38

13+50

14+00

+50

TP

13.06

987.40

5.04

974.34

12+00

+28

19 JUNE 1962

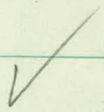
Lt

E

Rt

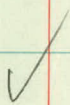
4.

72.8	72.1	71.7	71.4	
6.6	7.3	7.7	8.0	
2		4	7	
TOE			420	
74.2	74.2	74.1	73.5	73.0
5.2	5.2	5.3	5.9	6.4
1		4	6	16
TOE				
	77.4	76.8	75.7	75.4
	2.0	2.6	3.7	4.0
		4	7	10
				15
				TOE
				74.6



TOP PK E STA 14+00 N. ST. PAUL RD.

77.0	78.7	78.7	78.4	
10.4	8.7	8.7	9.0	
86	81	69	60	
DITCH				
77.9	79.9	79.7	79.2	76.9
9.5	7.5	7.7	8.2	10.5
149	132	100	76	53
DITCH				



STA

+

π

-

ELEV

987.40

TP

10.53

995.29

2.64

984.76

12+80

✓

13+00

✓

19 JUNE 1962

LT

E

5.

TOP NAIL & STA 13+00 @ 100' LT (RIPLEY)

82.4	83.2	87.5	90.4	91.0	89.7	85.7
12.9	12.1	7.8	4.9	4.3	5.6	9.6
100	97	78	60	47	38	30

80.8	80.7	79.5	77.6
14.5	14.6	15.8	17.7
114	147	153	160

DITCH

84.8	85.4	86.6	87.3	88.6	89.6	90.8
10.5	9.9	8.7	8.0	6.7	5.7	4.5
100	91	77	67	52	47	37

83.9	82.4	81.6	81.1	79.9	79.1
11.4	12.9	13.7	14.2	15.4	16.2
108	122	140	166	172	176

DITCH

STA

+

π

-

ELEV

995.29

13+50

✓

✓

14+00

✓

✓

19 JUNE 1962

6.

Lt

#

83.5	83.7	84.6	86.2	88.1	87.4	88.5
11.8	11.6	10.7	9.1	7.2	7.9	6.8
100	88	59	43	39	33	30

83.1	83.1	82.3	82.5	82.5
12.2	12.2	13.0	12.8	12.8
130	151	168	183	197

80.4	81.6
14.9	13.7
210	203

DITCH

83.0	83.0	83.6	83.9	84.3	85.3	84.8
12.3	12.3	11.7	11.4	11.0	10.0	10.5
140	119	100	79	54	35	23

83.6	84.0	84.6	84.8	84.7
11.7	11.3	10.7	10.5	10.6
162	182	200	226	236

82.0	82.8
13.3	12.5
252	245

DITCH

#

STA

+

Δ

-

ELEV.

995.29

14+50

✓

✓

BM

12.57 982.72

982.80

19 JUNE 1962

7.

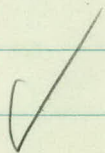
LF

4

83.3	82.6	82.8	83.2	83.9	85.0	84.8
12.0	12.7	12.5	12.1	11.4	10.3	10.5
139	116	100	86	68	40	22

84.1	84.9	85.3	85.3	85.9	86.2
11.2	10.4	10.0	10.0	9.4	9.1
151	173	190	200	249	283

82.6	84.4
12.7	10.9
310	293
DITCH	



SPIKE IN ARC-Lite Pole 27'0" LT STA 17406
(N. ST. PAUL RD)

