Road No. 22-A, County System
in HAMBDEN TWP.

90

FIELD BOOK

307 1

PLEASE RETURN TO
GEAUGA COUNTY ENGINEER
COURT HOUSE
CHARDON, O.
PHONE 250-X

Brakeman Road - No. 22 - Sec. A

Align. - pg - 1-20

Monuments - pg - 21-23

X-Sections - pg - 31-46

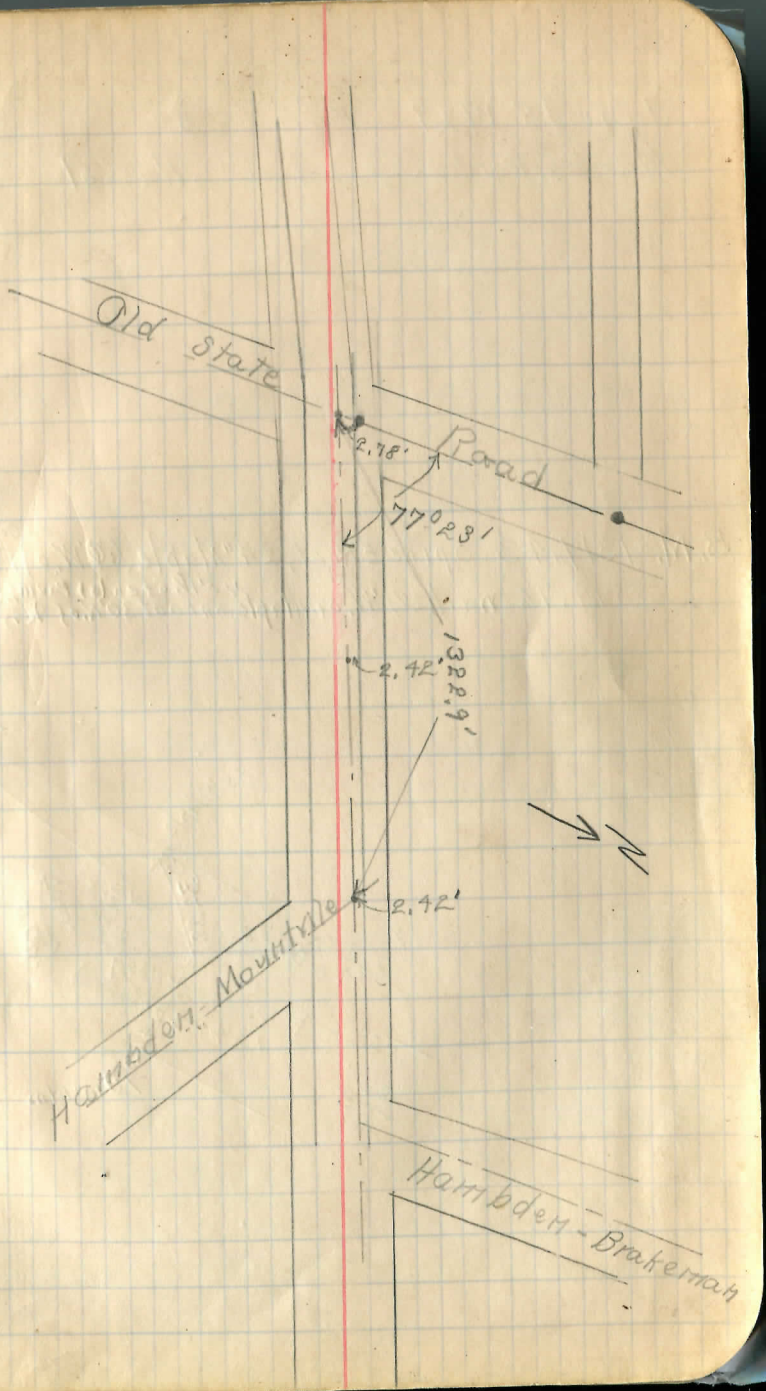
Slope Stakes - pg - 49-77

90

28.03
36 66

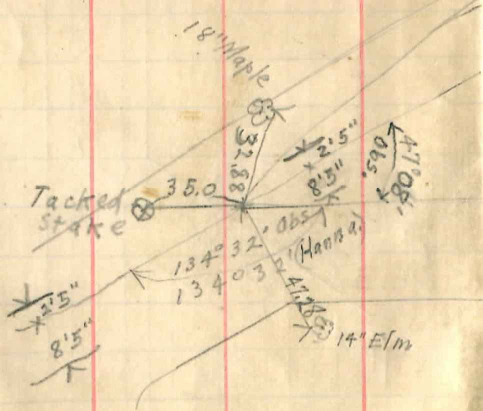
± 1433

± 1720

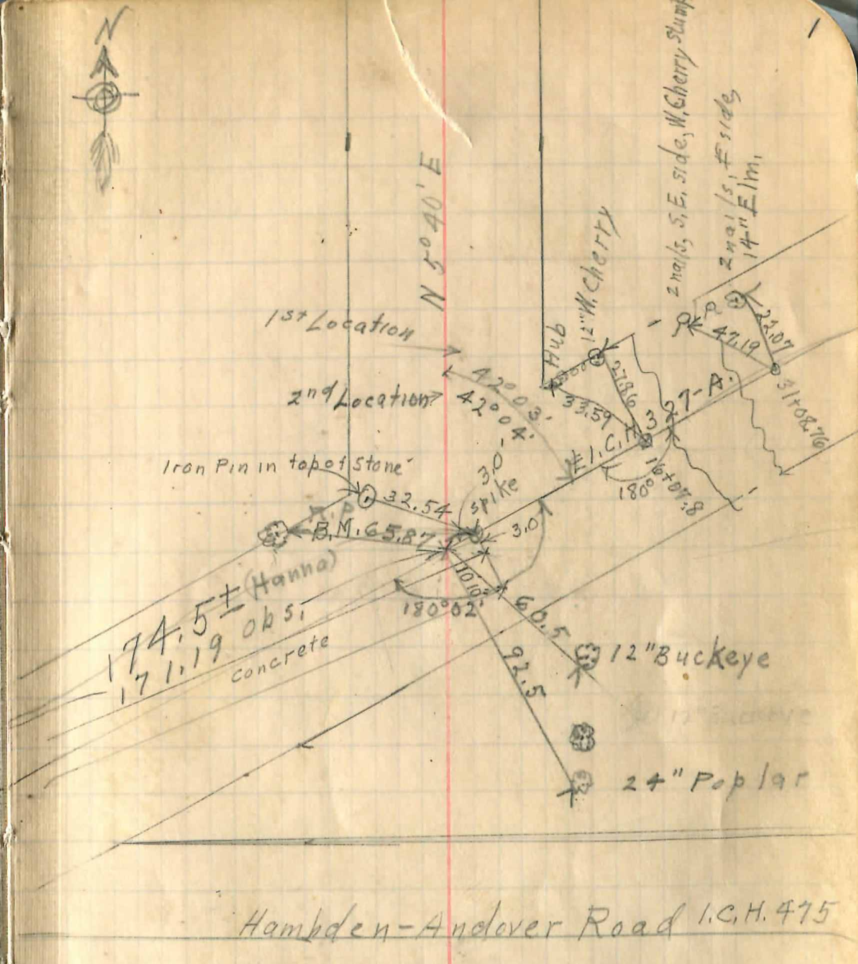


June 18, 1929 Fair 85°
Marks, Parks, Goodrich, Hassel

B.M. 1319.43; Spike, E Root, 24" Maple, 60' W. of End of Concrete
~~1319.76, nail, 2½' W. of Maple, on root 30' N. of ℄,~~ 70' W. of end of Paving (Conc.)

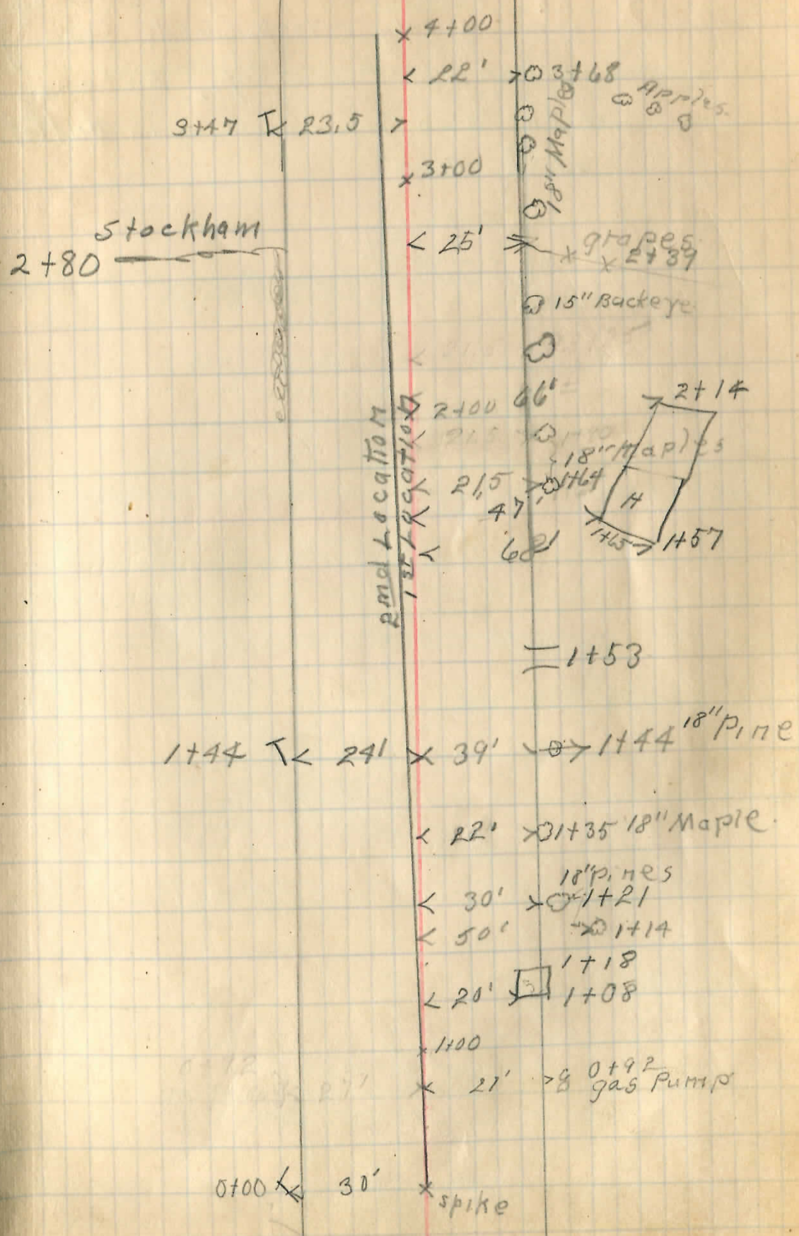


134-32
47 08
181-40



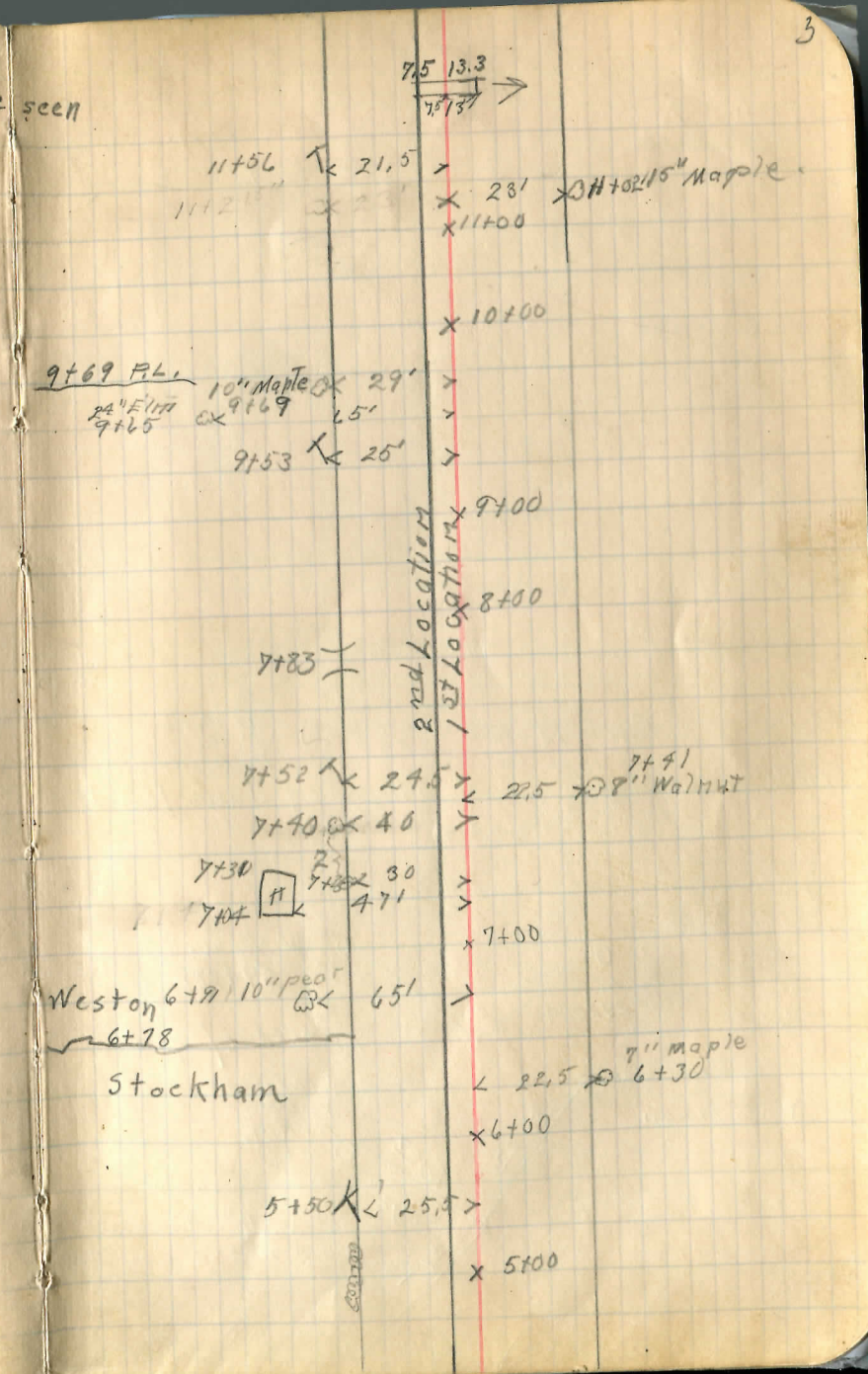
NOTE: SEE REF'S PAGE 21

0+00


4+00
22'
3+68
Apples
3+47
23.5
8" Maple
3+00
Stockham
2+80
25'
grapes
2+39
15" Buckeye
2nd Location
1st Location
2+00
66'
2+14
18" Maples
21.5
1+64
47'
H
1+65
1+57
68'
1+53
1+44
24'
39'
1+44
18" Pine
22'
1+35
18" Maple.
18" pines
30'
1+21
50'
1+14
1+18
20'
1+08
1+00
21'
0+92
gas Pump
0+00
30'
spike

11+75.2 * 3X? stone Culvert, Fair as far as can be seen opening only 8" deep, needs cleaning, perhaps part new top. Extend with slab Top Culvert, open outlet ditch 400'

* 30" CMP EXISTING MAY 1987



June 19 1929 Sun Hot 850 D. Parks P. Hassed M. Goodrich

15+00 Δ = 0°00' Stopped June 18th 1929

15+00

S&W NE SD. CEI# 292004

50.27

S&W NW SD. CEI# 594386

FD + REF 6/23/58

CANFIELD YOUNG ADAMS

Spk N.E. Side

Tele. 22x011

50.35

40.07

S.E.W. N.W side CEI 594386

Fd 1" pipe dn 7" 4/76 Reref. raised w/spk 1" dn.

51.59

spk N.E. Side CEI ?

17+70 w cherry 21 35 17+73 Maple

17+61 21 32 17+32 Maple

sycamore 17+31 21 30' 17+09 Maple

17+00 25' 16+96

16+94 50

2nd Location

1st Location

16+29

16+10

Hickory Nut

15+99 28.0

15+61 21.0

removed old pin

set new pin

Pin 30' Hub

30.0

22'

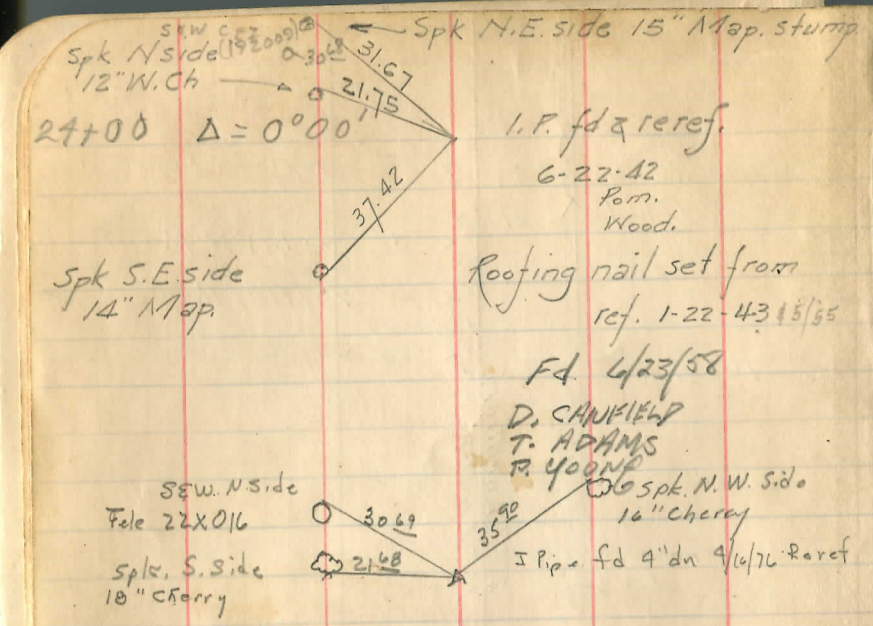
12th Location

13+55 22'

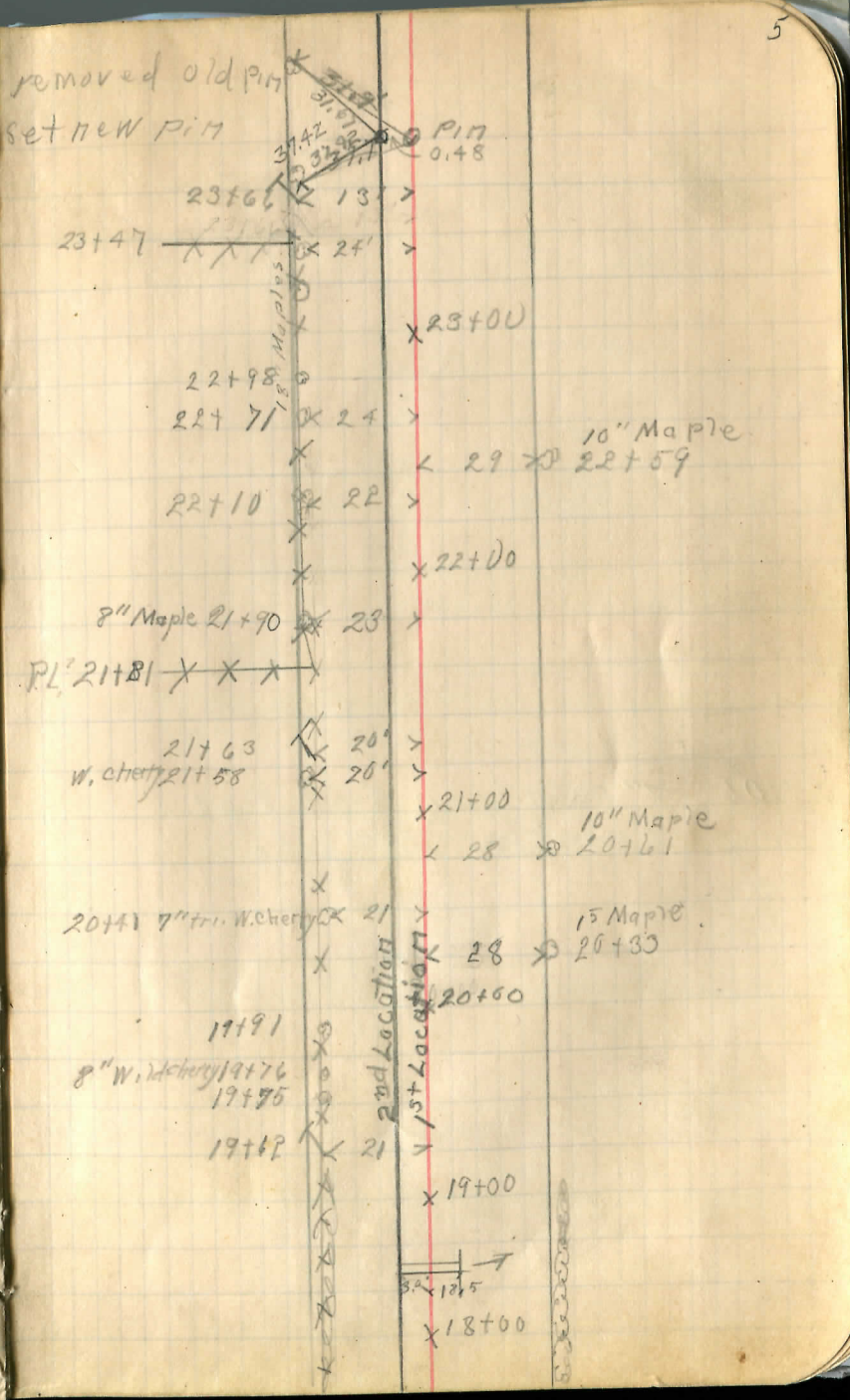
P.L. ? 13+43 22'

13+00

12+00

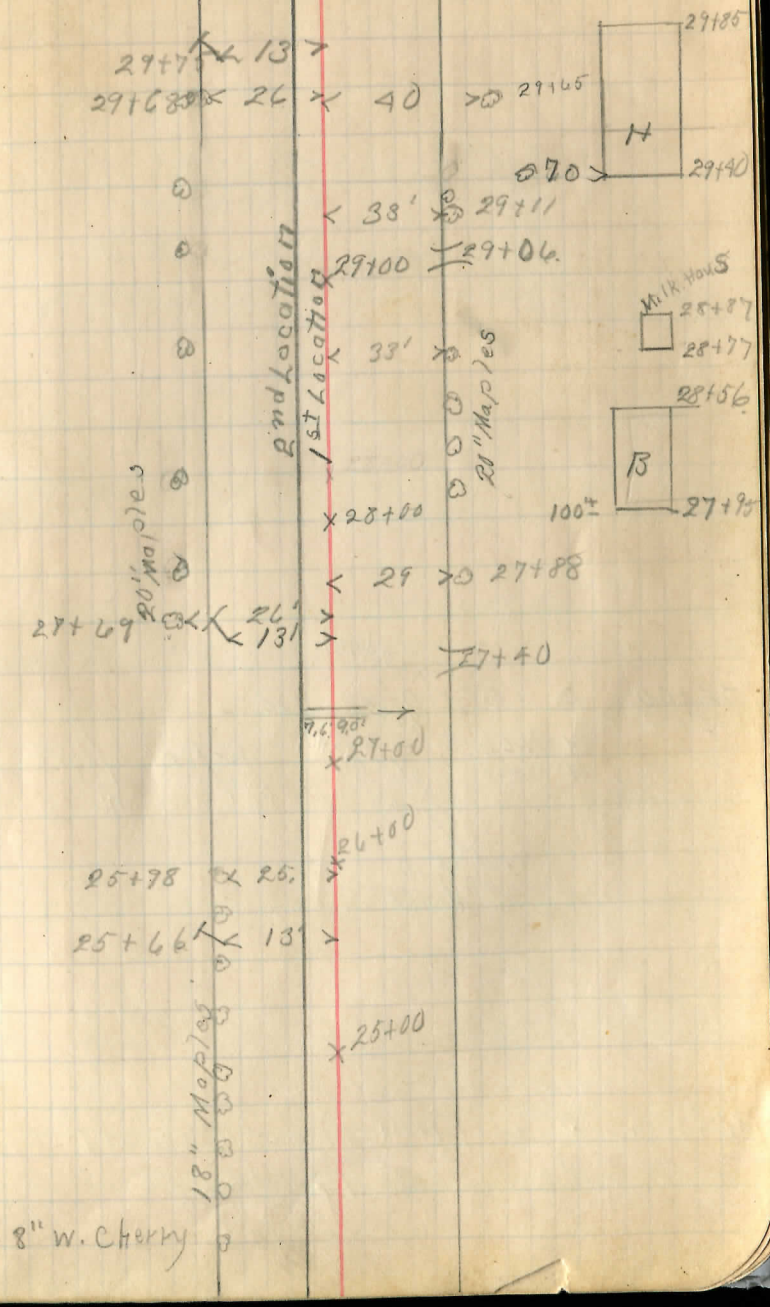


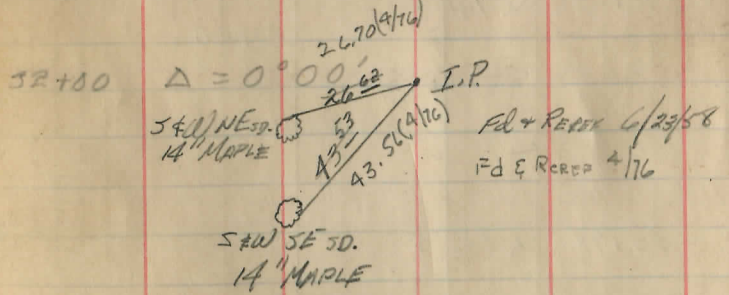
18+30,0 1X1 stone culvert, Dilapidated
Requires 24" Pipe



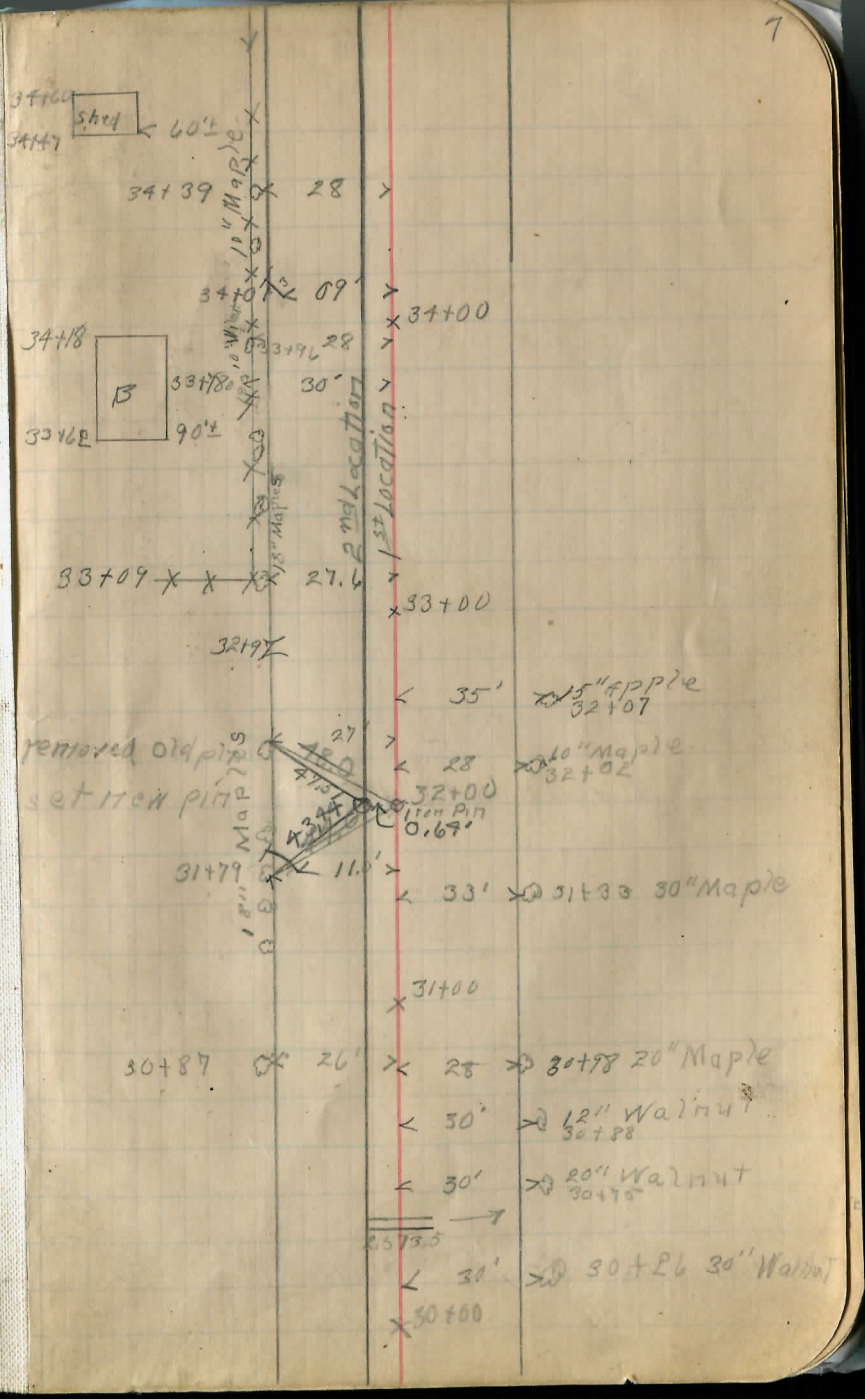
27+06 8" cast iron solid Pipe
Requires 15" pipe

1297.30



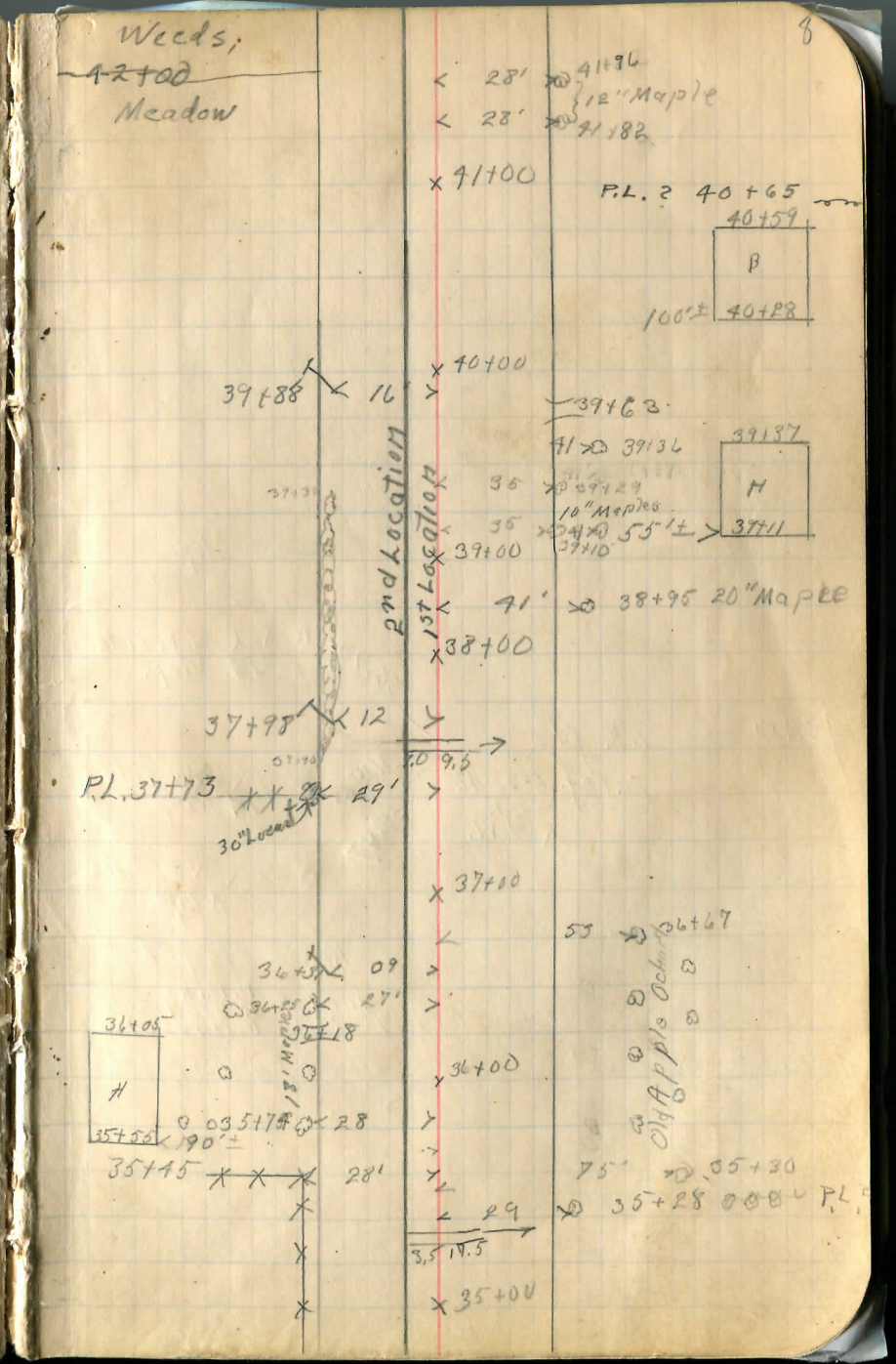


30+36.4 8" corrimm pipe Culvert
Required 12" Pipe



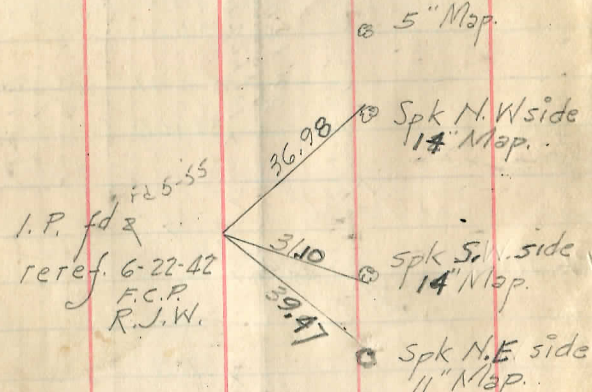
37+89 12" cor. +v.t. pipe culvert
Requires 18" Pipe

35+07 12" Reg. C.I. pipe culvert
Requires 15" Pipe



9

43+0

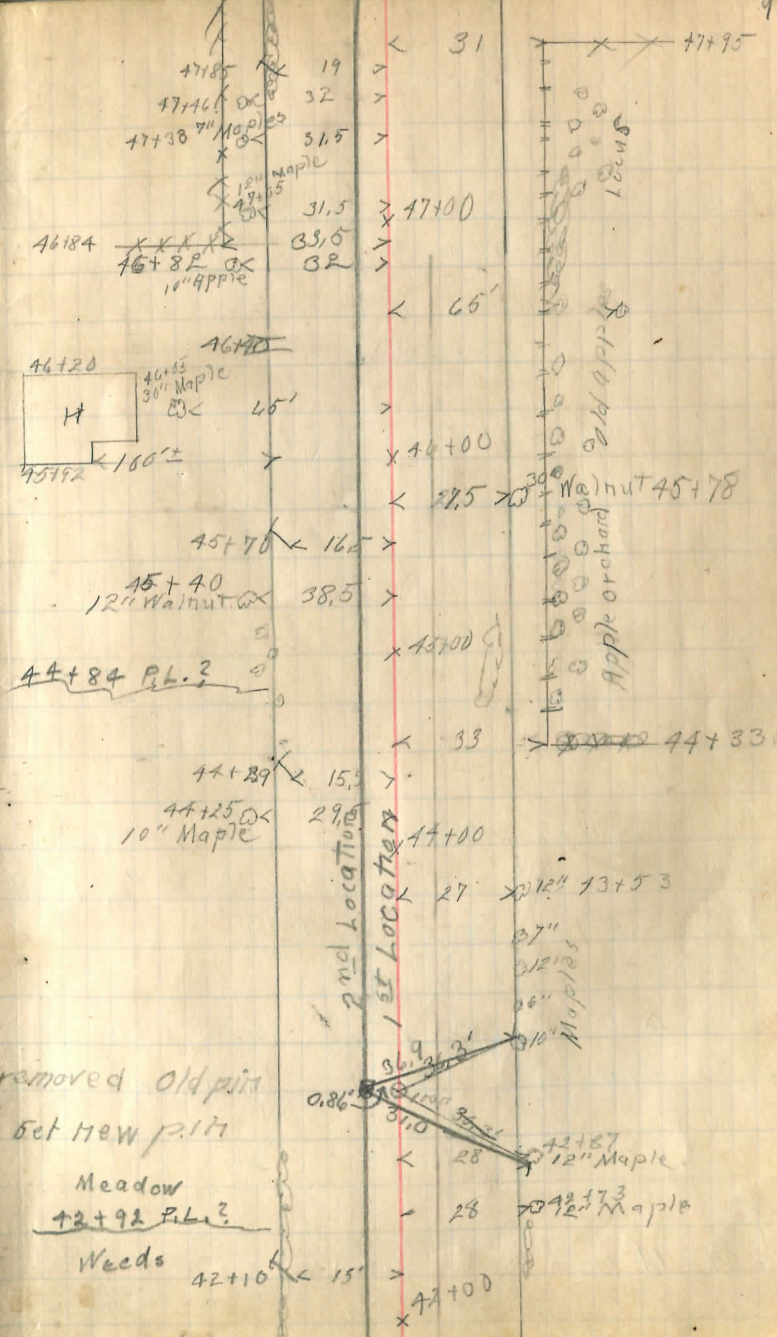


REREF. 6/23/58
D. Parks
R. Goodrich
R. Hassel

June 20, 1929 Fair Hot 79°

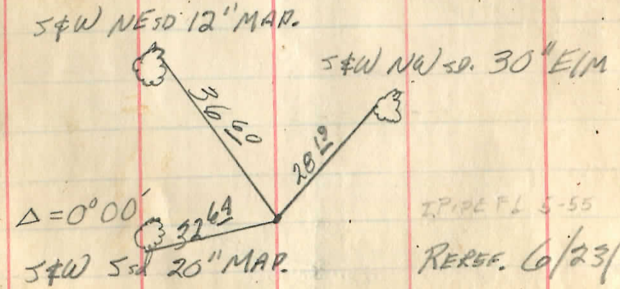
Stopped June 19, 1929

43+00 $\Delta = 0°00'$



47+95
31
47+85
19
47+46
32
47+38 7" Maples
31.5
12" Maple 47+55
31.5
47+00
46+84
46+82 10" Apple
33.5
32
65'
Locust
Old apples
46+40
46+20
46+65 30" Maple
H
45'
45+92
160'±
46+00
27.5
30" Walnut 45+78
45+70
16.5
45+40 12" Walnut
38.5
Apple orchard
45+00
44+84 P.L.?
33
44+33
44+39
15.5
44+25 10" Maple
29.5
44+00
2nd Location
1st Location
27
12" 43+53
7"
12"
6"
Maples
10"
36.9
36.3'
0.86'
Iron
31.0
32.2'
removed Old pin
set new pin
28
42+87 12" Maple
Meadow
42+92 P.L.?
28
42+73 12" Maple
Weeds
42+10
15'
42+00

49+50

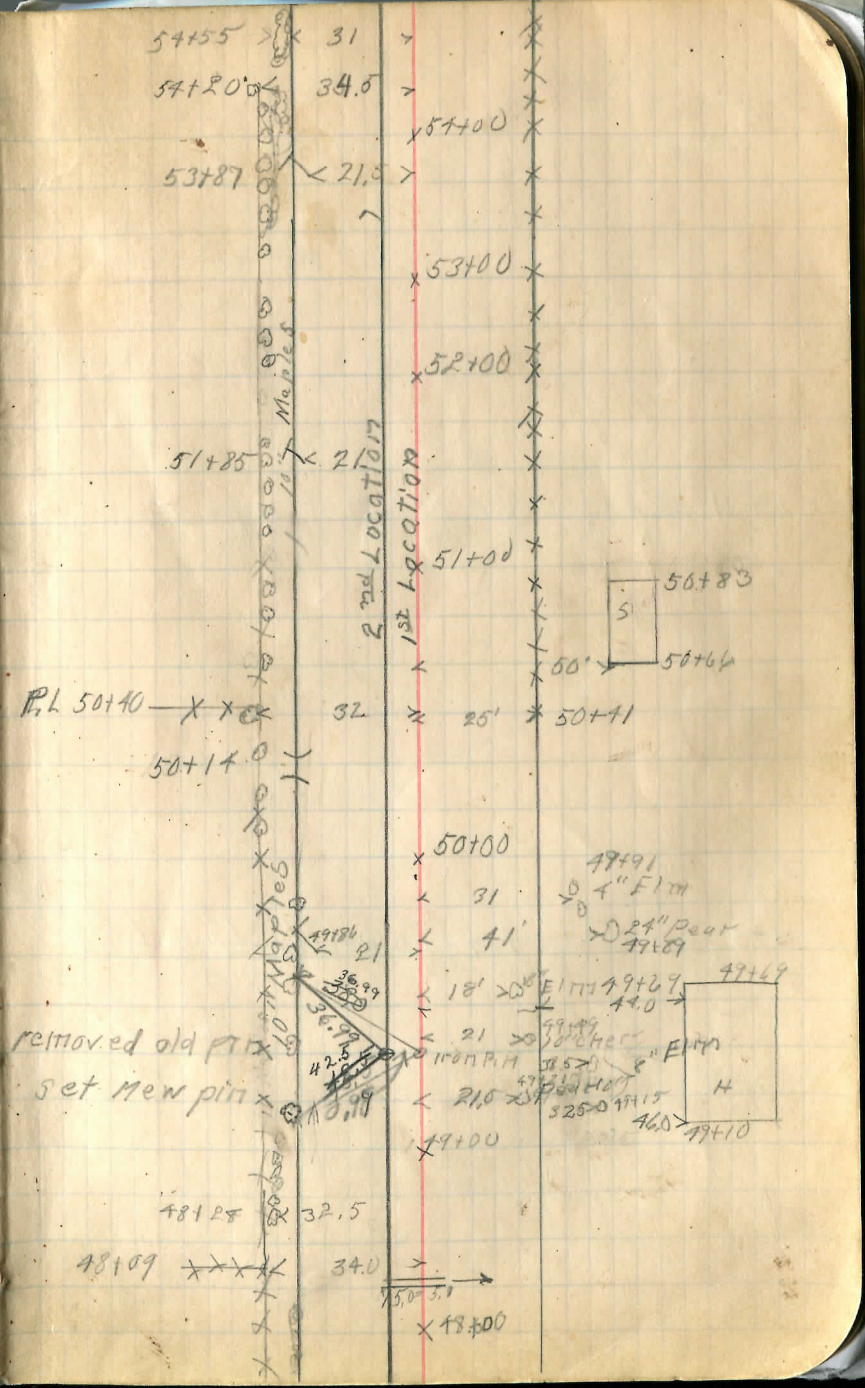


I.PIPE FL 5-55 3" down

REREF. 6/23/58

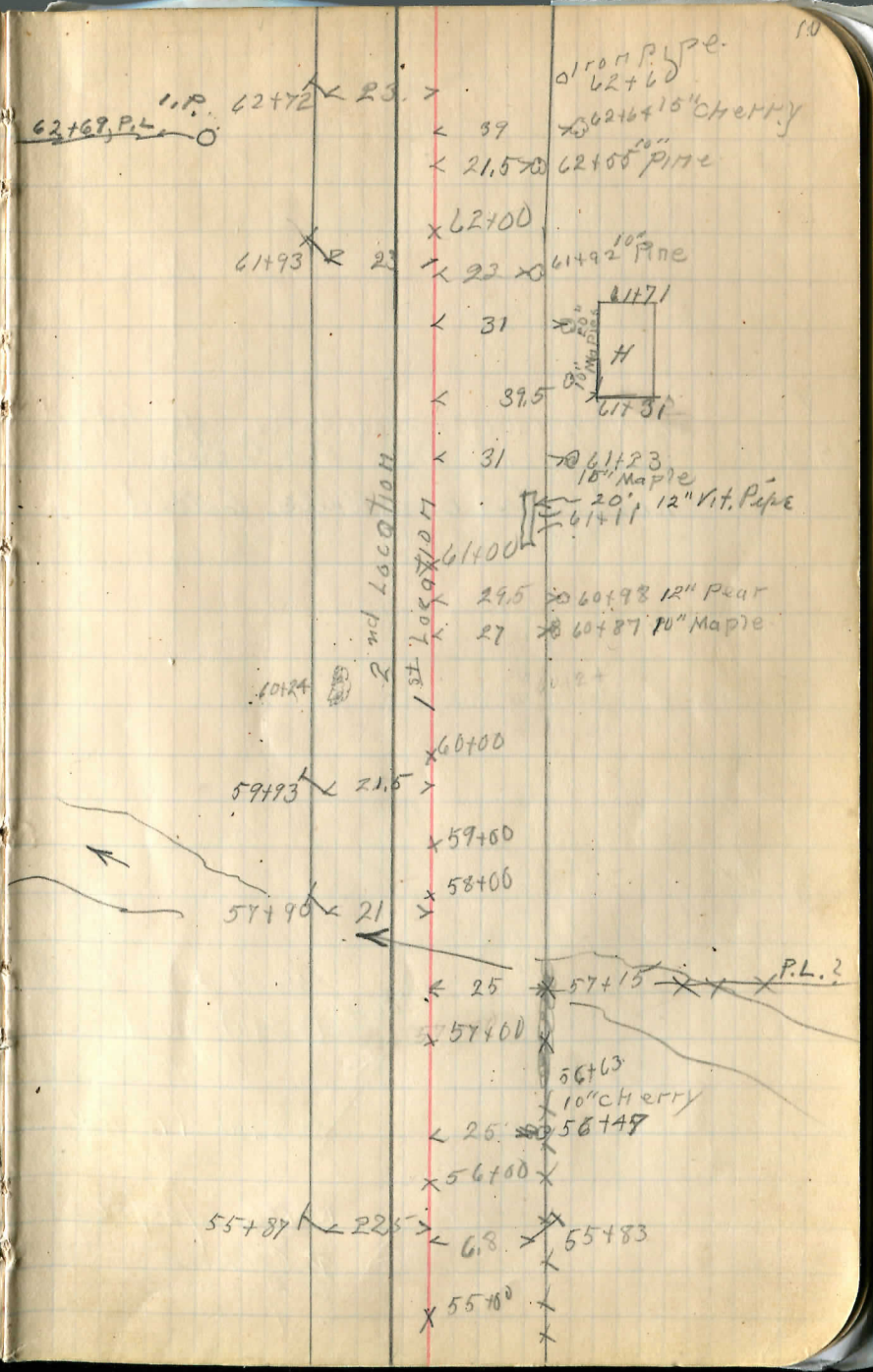
48+08 11" ~~iron~~ Sheet Iron pipe ~~solid~~ corroded

Require 12" Pipe



℄ 1+11 Right, use 18" D.W. Pipe

~~57+75, Location for 15" Hillside Culvert.~~

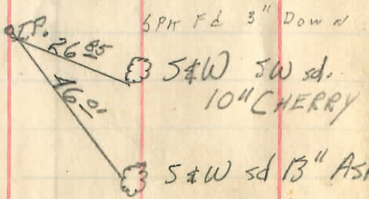


V

68 + 30 3½' X 2½ culvert, Stone walls, repointed, good. ~~3x3 concrete Box~~ New Concrete slab, headwalls + Wing walls. ~~Extend~~
Use as it is.

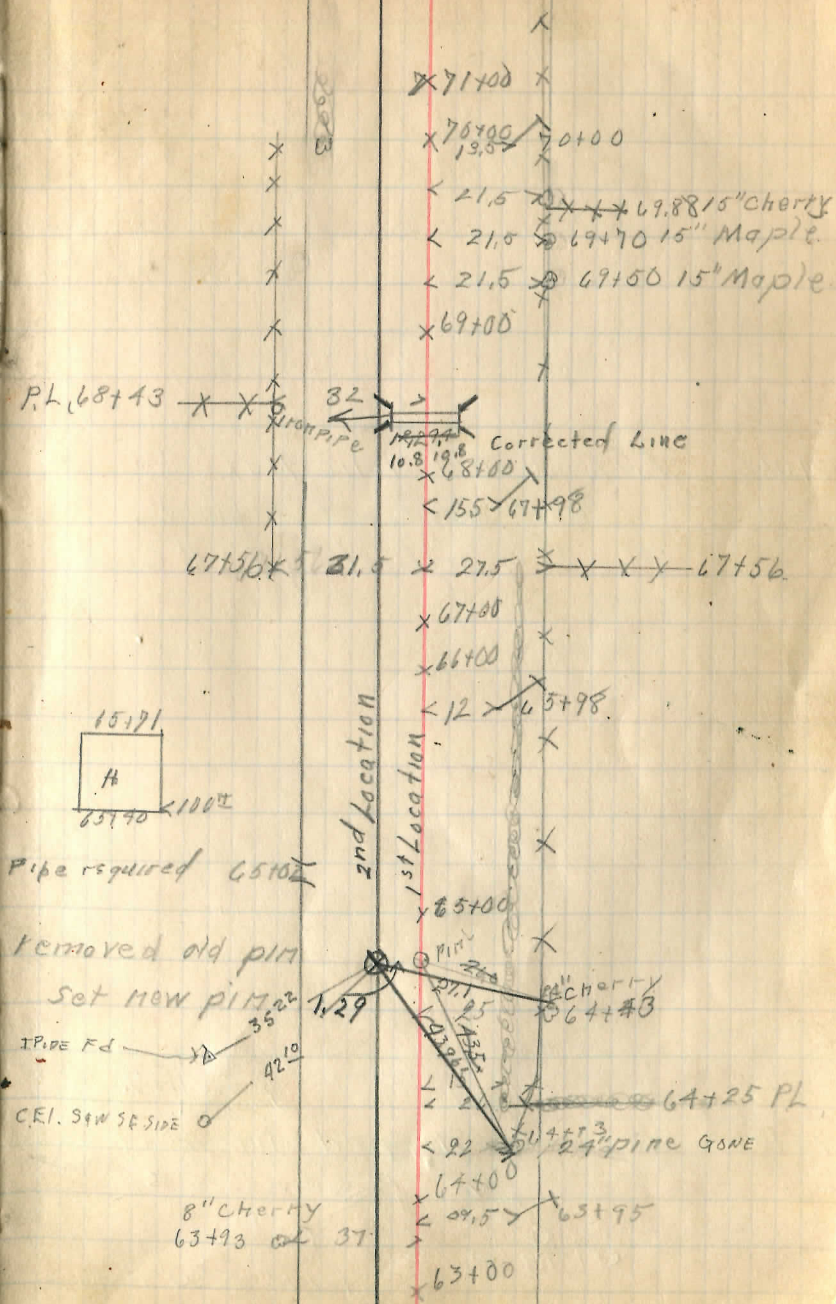
15" D.W. Pipe required 65+02

64 + 50 Δ = 0° 00'



REREF. 6/23/58

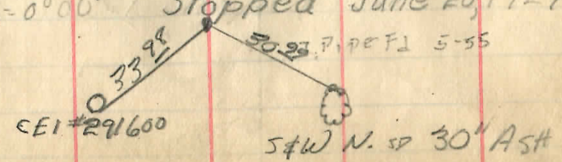
D. CANFIELD
T. ADAMS
P. YOUNG

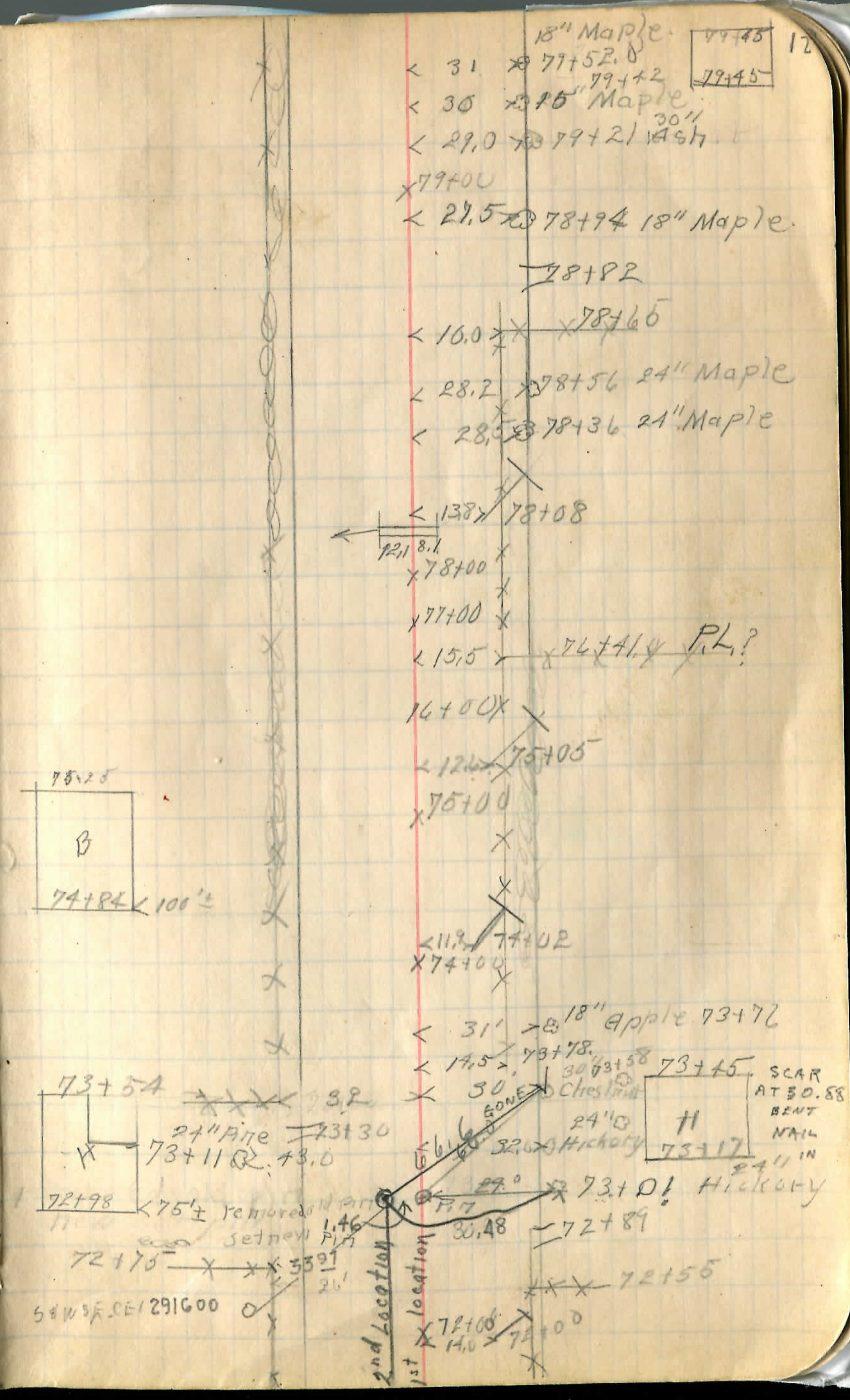


78+04.2 2.5 x 3.0 Old stone Box
Wall stone out of place.
Should be replaced by 4' x 4' culvert

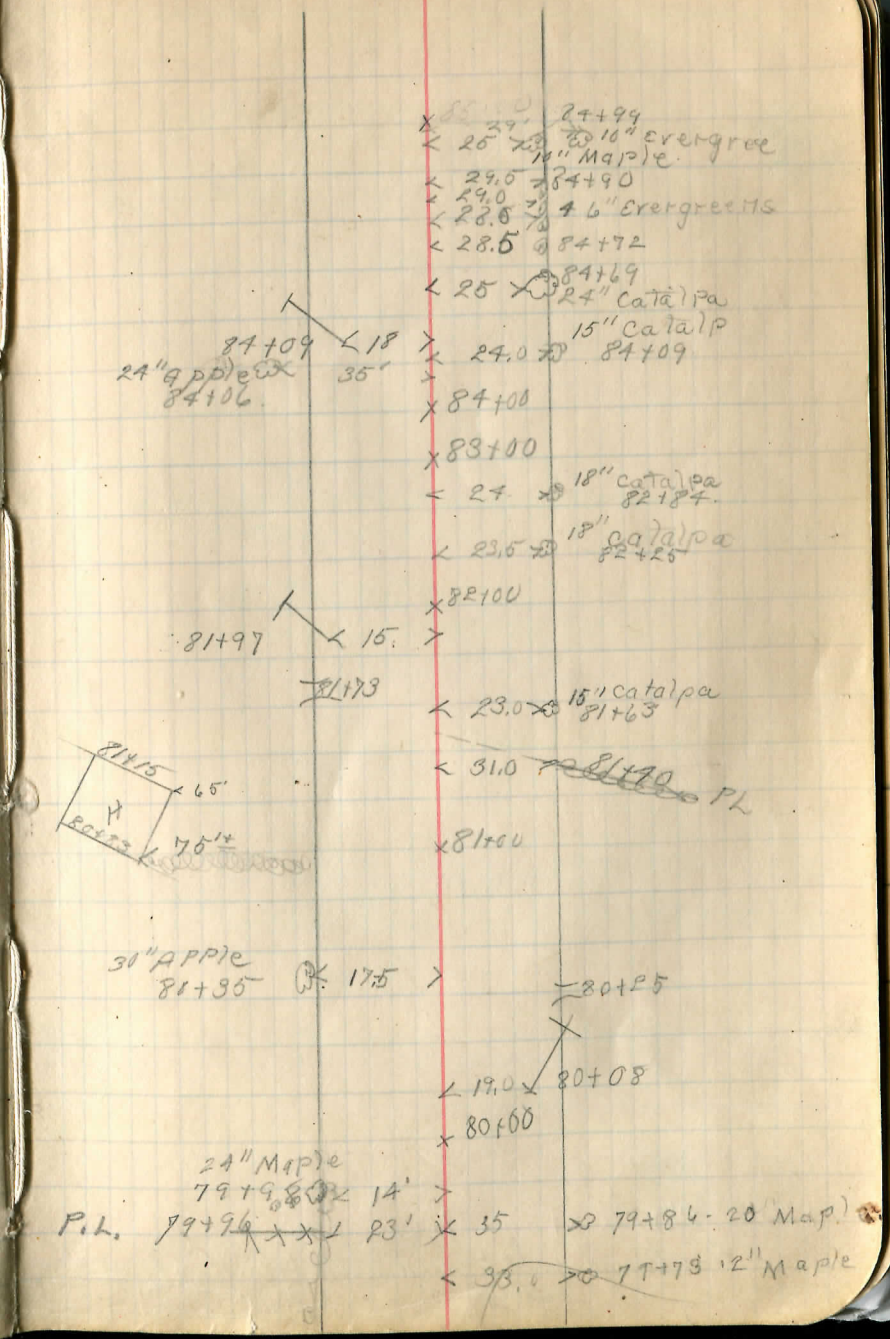
July 5, 1929 Showers D. Parks
R. Goodrich
F. Grau.

73+00 Δ = 0°00' Stopped June 20, 1929

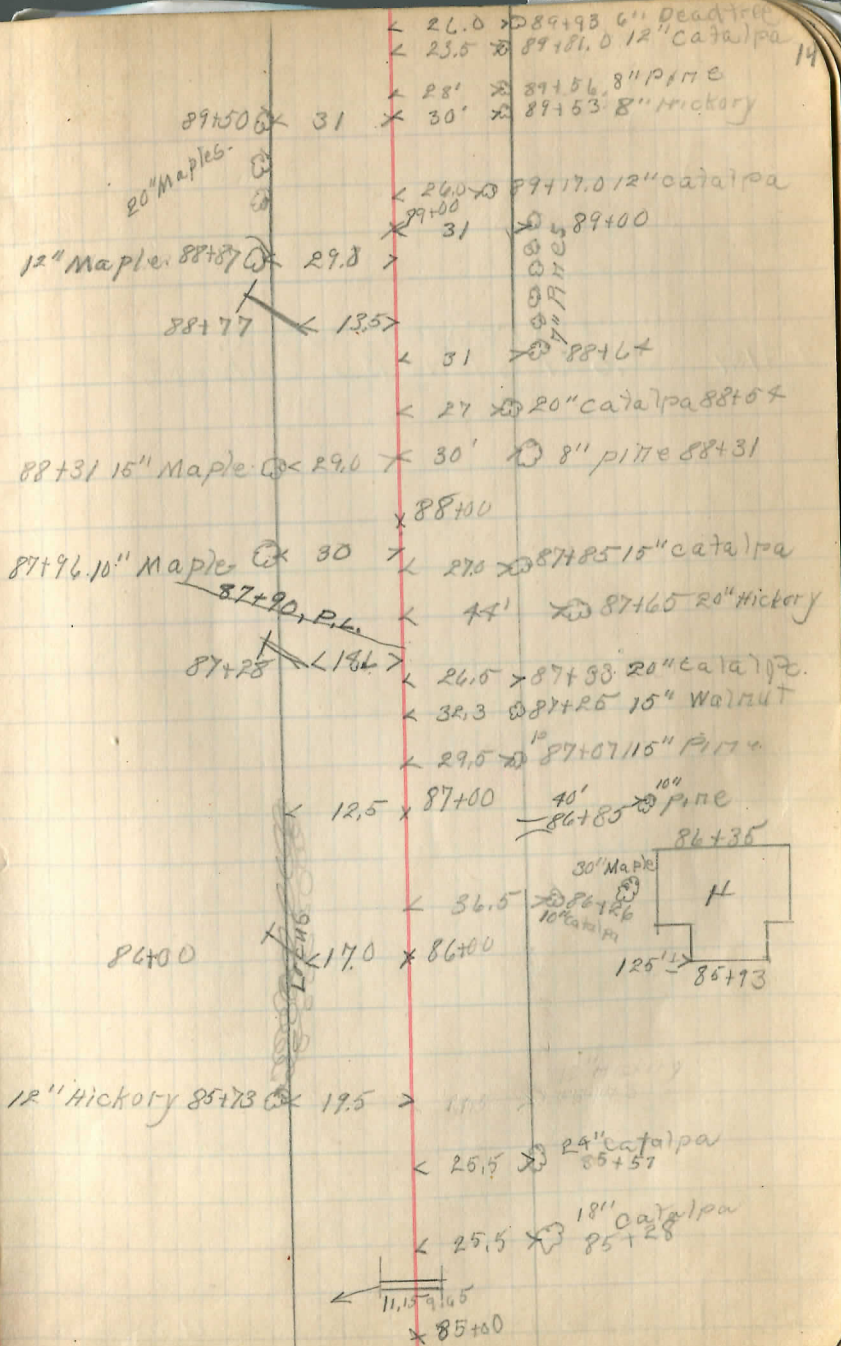




18" Maple
79+52.0
79+45
79+45
< 31
< 30 15" Maple
30" Ash
< 29.0 79+21
79+00
< 27.5 78+94 18" Maple
78+82
< 16.0 78+65
< 28.2 78+56 24" Maple
< 28.5 78+36 21" Maple
< 13.8 78+08
12.1 8.1
78+00
77+00
< 15.5 76+41 P.L.?
76+00
< 12.6 75+05
75+00
75+25
B
74+84 < 100'±
< 11.9 74+02
74+00
< 31' 18" apple 73+76
< 14.5 73+78
30" 73+58 Chestnut
73+45
SCAR AT 30.88 BENT NAIL IN 24" Hickory
73+54
3.2
24" Pine 73+30
73+11 43.0
24" Hickory
H
73+17
72+98
< 75'± removed old pin set new pin
73+01
Hickory
29.0
30.48
1.46
72+89
72+76
33.97
72+56
S&W SF CE1 291600
2nd Location
1st location
72+00
14.0
72+00



80+00 Δ = 21°33' Left Curve Notes 15 pages over



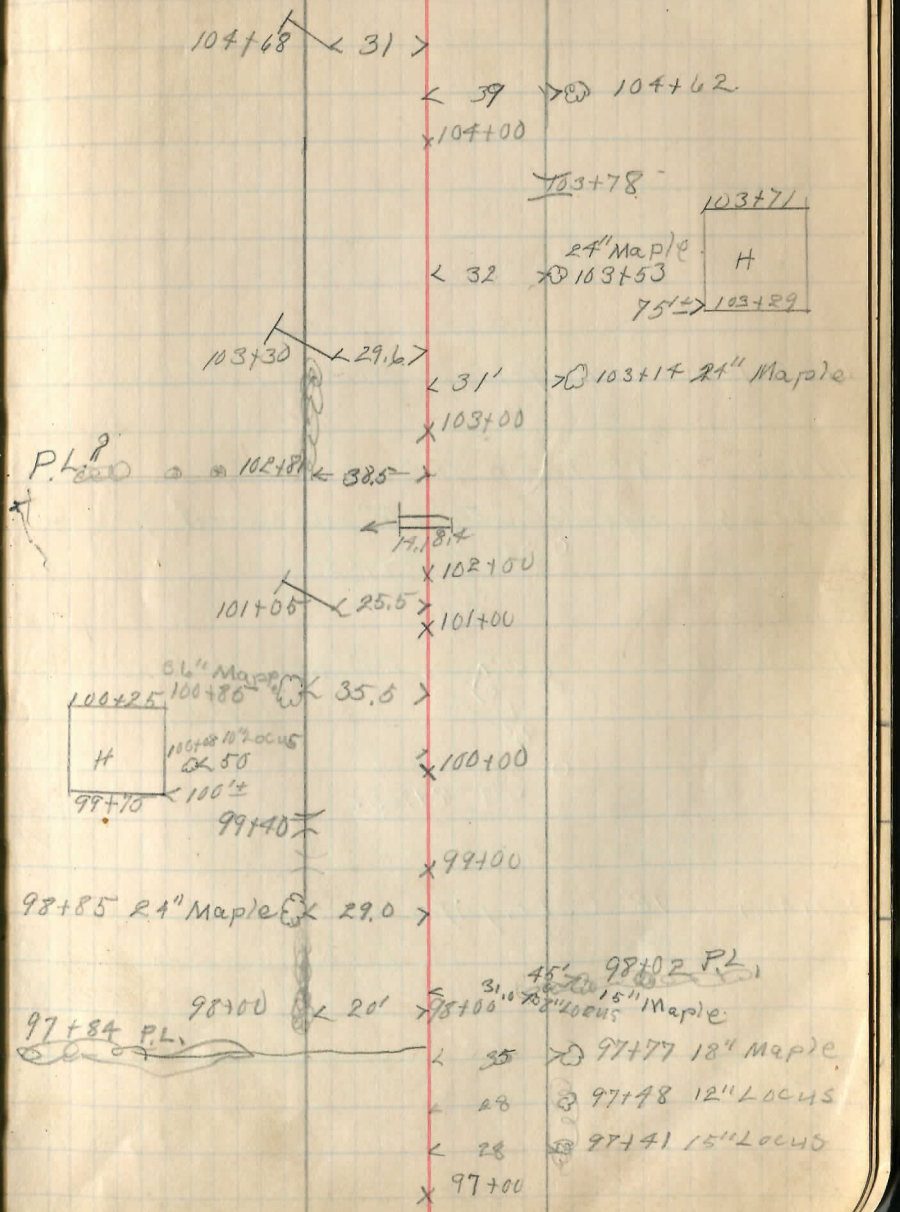
85+23.5 2½x2½ Stone Box fair
Extend inlet end with Concrete, Slab Top
" outlet " " Type

95+18.9 ~~2.8 x 1.6~~ 2'8" x 1'6", } good, extend.
~~Stone Box Culvert~~ Stone Box Culvert

90+08.1 Δ = 20° 58' R Curve Notes 14 pages over

18.5 > 97+00
< 29 > 96+85 10" Locus
< 32 > 96+47 30" Maple
< 32.0 > 96+32 } 10" Locus
< 31.5 > 96+04
96+00
16.6 12.1 95+10 Field line
96+00
97+60 < 13.2 > 97+80
< 30' > 98+91
93+34
well defined field line
93+00
8" Pines
92+27 < 13.0 >
97+00 < 26.5 > 92+00 8" pine
< 22.6 > 91+72 15" catalpa
< 24 > 91+49 8" pine
97+17 18" Maple < 33.5 > < 22. > 91+09 18" catalpa
91+00
18" Maple
10" Maple
< 24 > 90+71 8" Pine
< 23 > 90+63 10" pine
90+60 18" Maple < 37.0 >
90+56 < 19.0 < 18.5 > 90+46 12" catalpa
< 21 > 90+23 8" pine
18" Maple 90+04 < 36.0 >
90+00

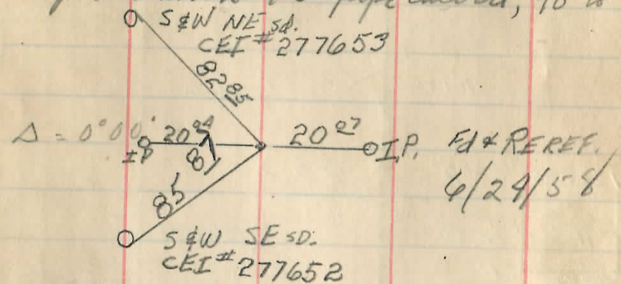
102+20.9 3.5x1.6 Stone Box Culvert, Good.
Extend.



111+86.1 Corr. pipe culvert, Abandon

111+35 4" farm drain tile emptying into it ditch

111+35 replace with 15" pipe culvert, 90° to ℄



110+00

107+44.7 10" Corr. pipe
Requires 12" Pipe

×114+00
< 17.1 > 113+31
×113+00
< 26. 112+27 12" Maple
112+17
112+01.5 < 27.7 >
×112+00
15° skew
11.1 7.9
11.9
×111+00
110+45 < 28.0 >
I.P. Δ 20 04 Δ 20 07 Δ I.P. I.PIPE POT Fd 5-55
×109+00
108+23 < 28.5 >
< 22.3 10" Maple 108+06 P.L.
×108+00
12.4 4.0
P.L.P. 107+37 < 33.0 >
×107+00
106+40 < 29.0 >
×106+00
×105+00

20"± X 16"± Stone box, Dilapidated
Requires 4' X 3' Culvert,

158'
School Lot,

118+52.9 ~~4.0 X 2.5~~ Stone Box Culvert, Fair.
2'8" X 2'± Part of slab has been replaced with Concrete. Extend

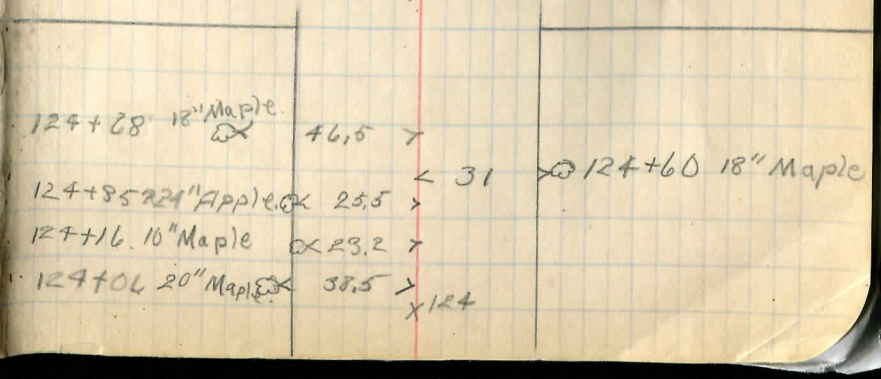
County Line

123+98 8" Maple < 23 >
123+55 8" Maple < 23 >
123+23 8" Maple < 23 >
123+00
122+95 12" Catalpa < 22 >
122+92 < 20 >
122+84
S
50' 122+58
122+54 18" Maple < 22.2 >
122+45 P.L. < 25.0 >
122+00
121+00
120+50 < 18.0 >
120+00
119+00
118+86 16" Maple < 26.0 >
118+82 30" Elm < 25.5 >
118+00
117+00
116+30 < 10' >
116+00
115+71 < 17.5 >
115+38
Field Line
115+00

125+12.65 End of Project notes 11 pages over

pg 30

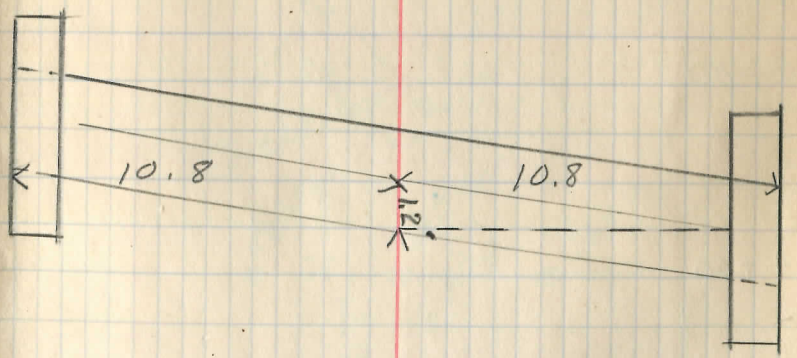
End of Project 125+12.65



68+30.

N

℄, New Location



MONUMENTS

43+00

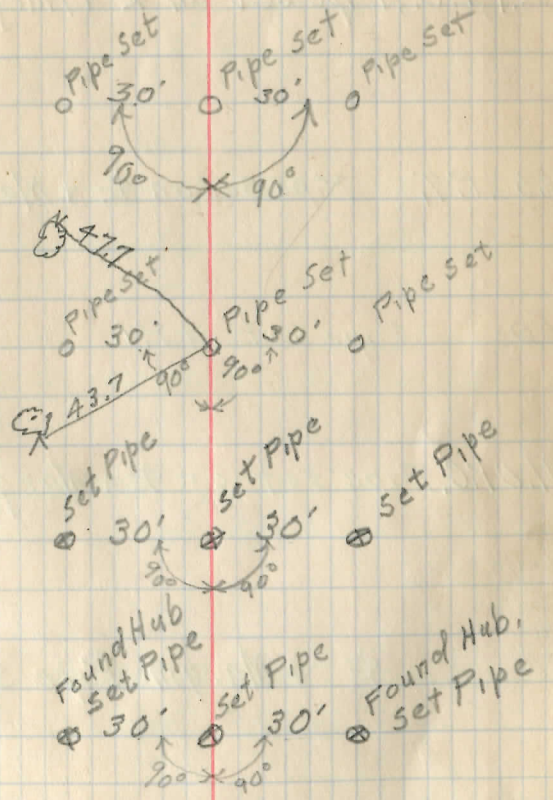
32+00

24+00

15+00

0+00 Found ¾ Spike, replaced it with Iron Pipe

Feb. 3, 1931, P.M., Fair, 35°
Marks, Parks, Snyder, Merritt



Feb. 4, 1931, Fair, 30°, N.W. Wind,
Marks, Parks, Snyder, Merritt.

90+08.1 Pipe Set at P.I

89+02.1, P.C., Pipe set on ℄ + Margins

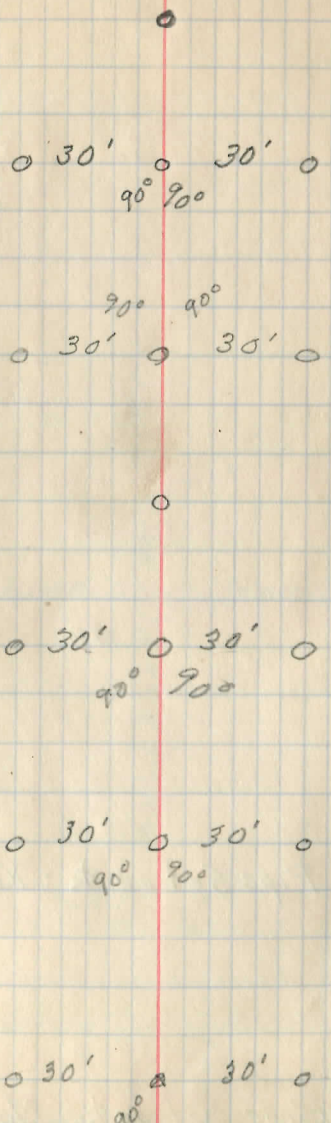
81+06.5, P.T., Pipe set on ℄ + Margins

80+00 Pipe Set at P.I.

78+91.0 P.C. Pipe set on ℄ + Margins

73+00 ℄ + Margin Pipe Set

49+50 ℄ + Side Line Pipes Set.

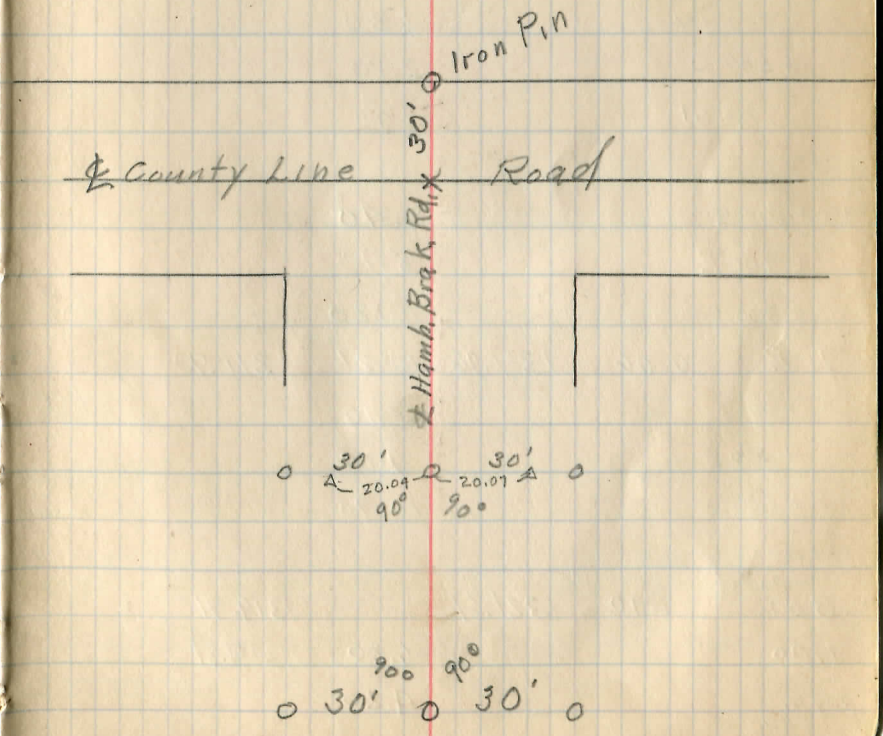


125+42.65

125+12.65

110+00 Pipe Set on ℄ + Margins.

91+11.8, P.T., Pipe Set on ℄ + Margins



22 July 55 C.H. 22

	+	HI	-	Elev	
B.M.	11.00	1305.45		1294.45	
T.P.	11.95	1316.36	0.54	1304.91	
T.P.	7.47	1321.91	1.92	1314.44	
B.M.			2.20	1319.71	
Int. of ℄s of 166 & Brakeman Rd			4.20		17.7
int + 100' W			3.90		
" + 200' W			2.60		
" + 300' W			1.60		
" + 400' W			1.50		
" + 500' W			2.70		
" + 600' W			3.90		
" + 100' E			6.40		
" + 200' E			8.10		
" + 300' E			10.20		11.7
T.P.	0.06	1311.76	10.21	1311.70	
int + 400' E			3.10		08.66
" + 500' E			7.10		
" + 600' E			10.70		
BM	1.90	1321.61		1319.71	
1+00			6.80	1319.81	
Begin PVC.			4.20		

W root 15" Maple 25' Rt of Sta 11+02 Brookman Rd.

State highway monument ± 60' W of SR 166 & Brakeman Rd. (N side SR 166)

N ℄ SR 166 S

1.7 / 30	2.1 / 25	4.0 ditch / 21	3.6 / 20	3.15 edge pave. / 10.8	3.1 edge pave / 9.3	3.6 / 30	100' W of Brookman	
5.5 / 30	6.2 / 21.5	7.0 / 15	6.4 / 12	6.2 / 9.6	6.2 / 9.0	6.5 / 10.6	7.4 / 18	6.6 / 20 830	100' E of Brookman

	+	HI	-	Elev	
B.M.	6.03	106.03		100.0	
int +100' W			7.90		-3.0
" +200' W			9.30		-1.4
" +300' W			10.0		-0.7
" +400' W			8.5		+1.5
" +450 W			7.6		+0.9
" +500' W			8.4		-0.8
" +600' W			9.5		-0.9
" +625 ± Breakman N.			10.3		
int Rodell & Breakman			4.9	101.1	
int +100' E			3.3		+1.6
" +200' E			0.7	105.3	+2.6
T.P.	11.27	116.09	0.81	105.22	
" +300' E			7.5	109.0	+3.7
" +400' E			4.0	12.5	+3.5
" +500' E			2.0	14.5	+2.0
" +600' E			0.4	16.1	+1.6

N & Rodell S

Most NW & N. headwall sta 125 ± 60'

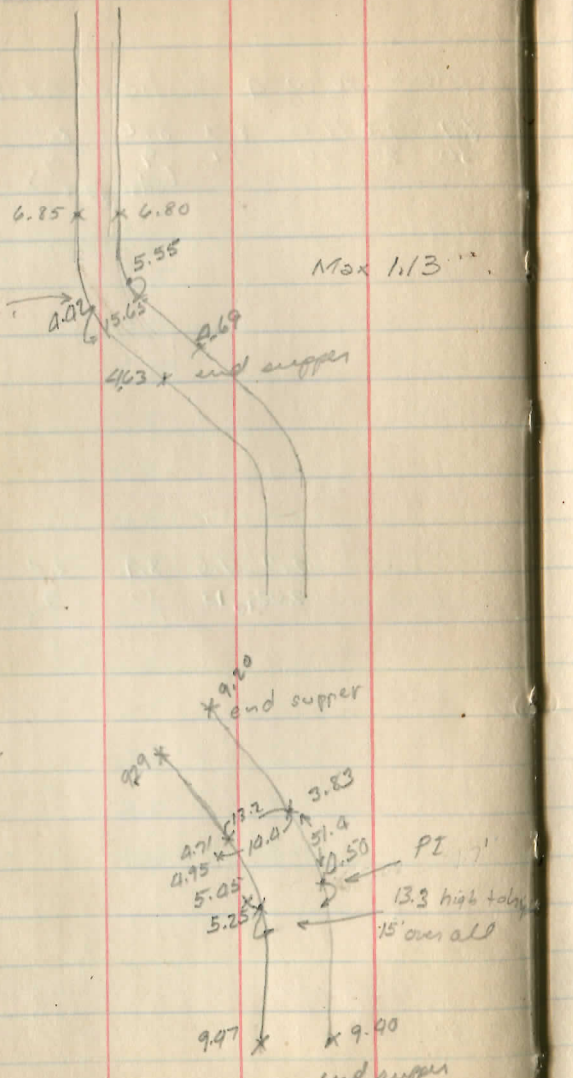
8.7/30 9.2/20 11.0/17 8.3/12 8.2/9 8.1/9 (edge grave) 8.4/12 9.8/22 8.9/26 7.6/30

2.7/20 4.6/30 3.9/13 3.4/10 3.9/9 (edge grave) 2.6/15 2.4/19 /30

W

supper elev.

E



P.T, 81+06.5 10°46½'

81+00 10°27'

80+50 7°57'

P.I. 80+00 $\Delta = 21°33'$ Left.

$D = 10°00'$

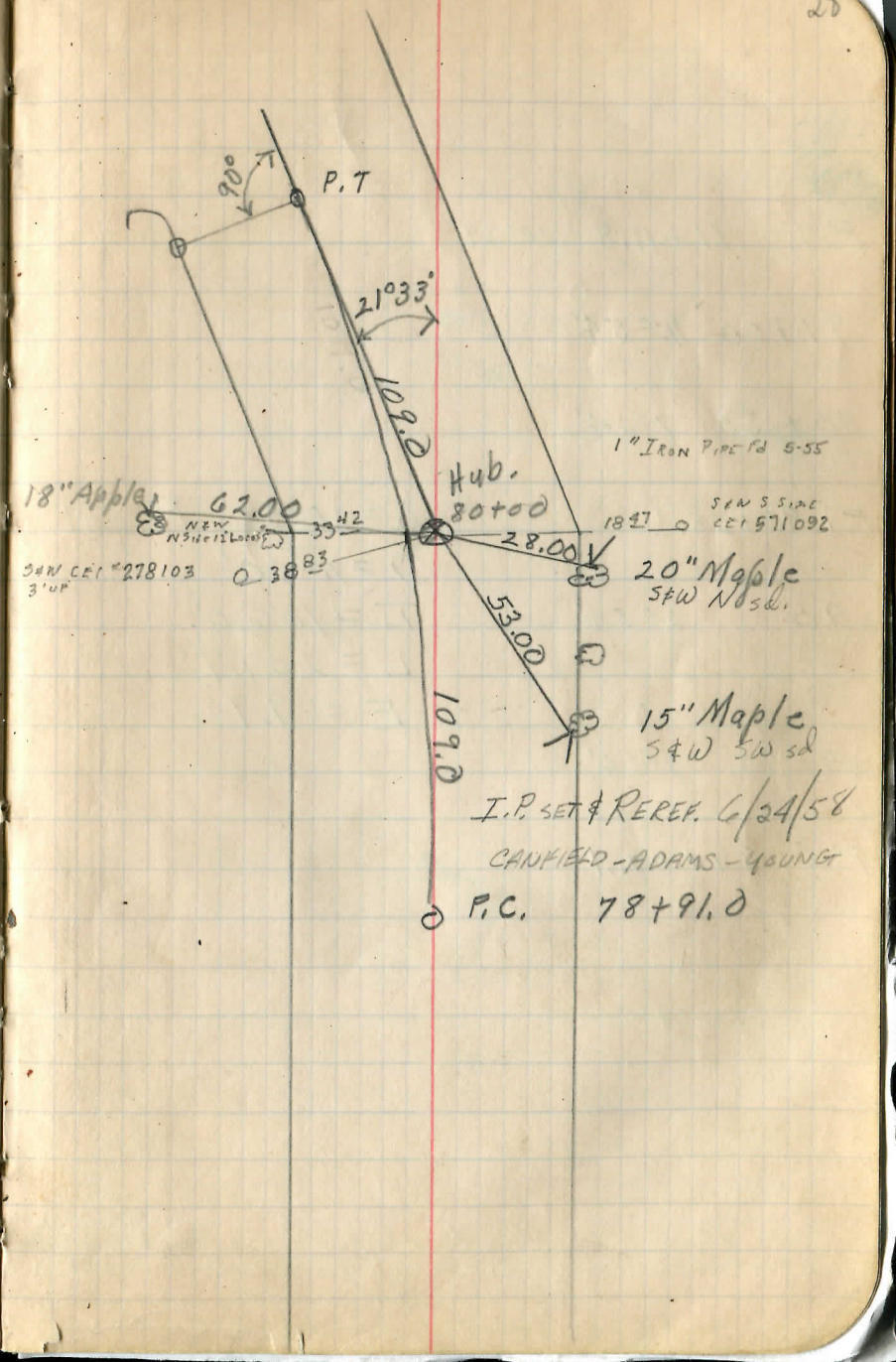
80+00 5°27' $T = 109.0'$

$L = 215.5'$

79+50 2°57' $E = 10.3'$

79+00 0°27'

P.C. 78+91.0 0°27'



92+00

88.2

P.T. 91+11.8 10°29'

91+00 9°54'

90+50 7°24'

P.I. 90+08.1

90 2°54'

89+50 2°24'

P.C. 89+02.1

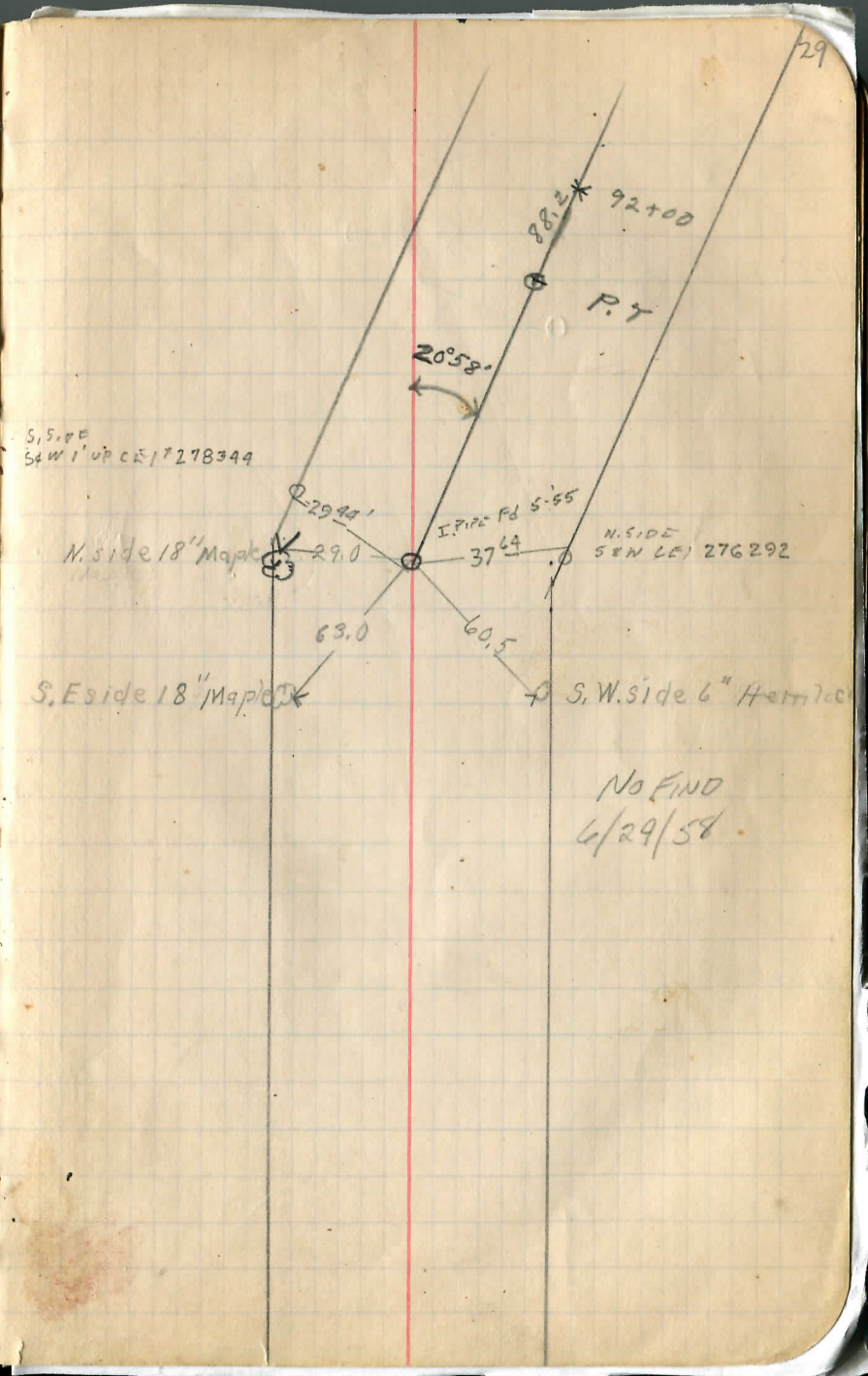
Δ = 20°58' Right

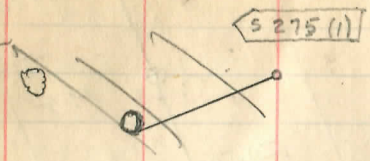
D = 10°00'

T. = 106.0'

L = 209.7'

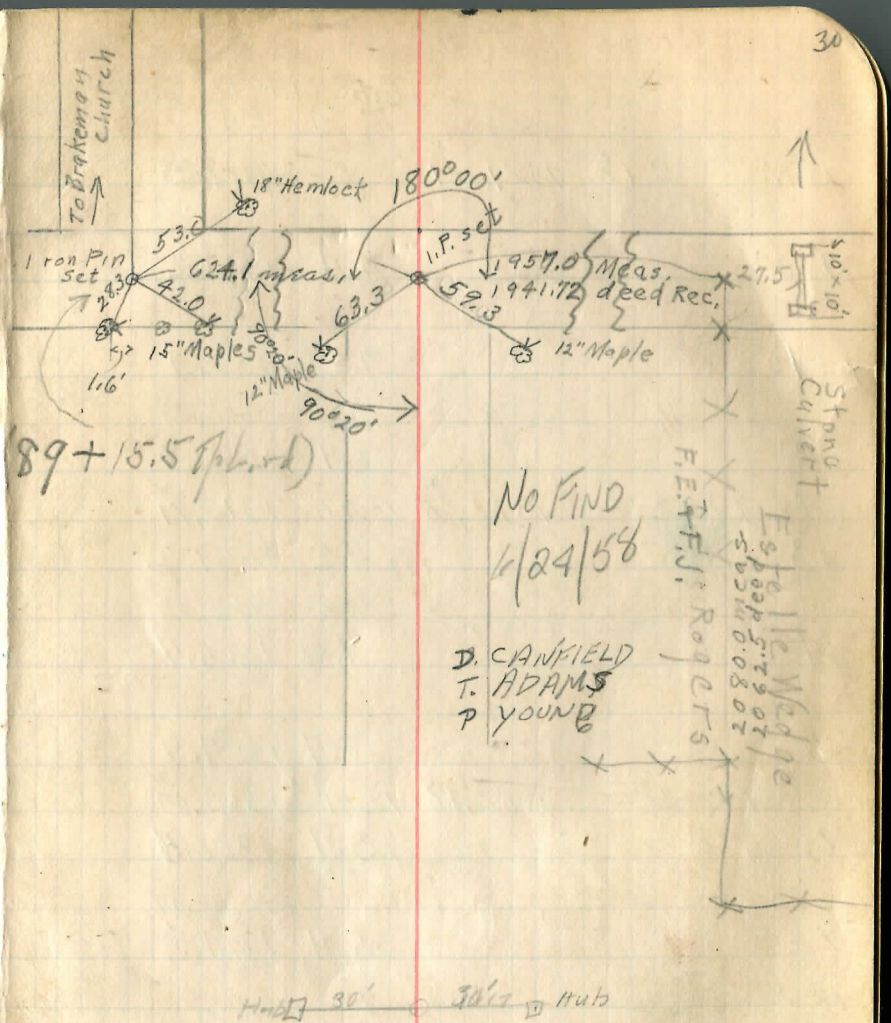
E = 9.7'

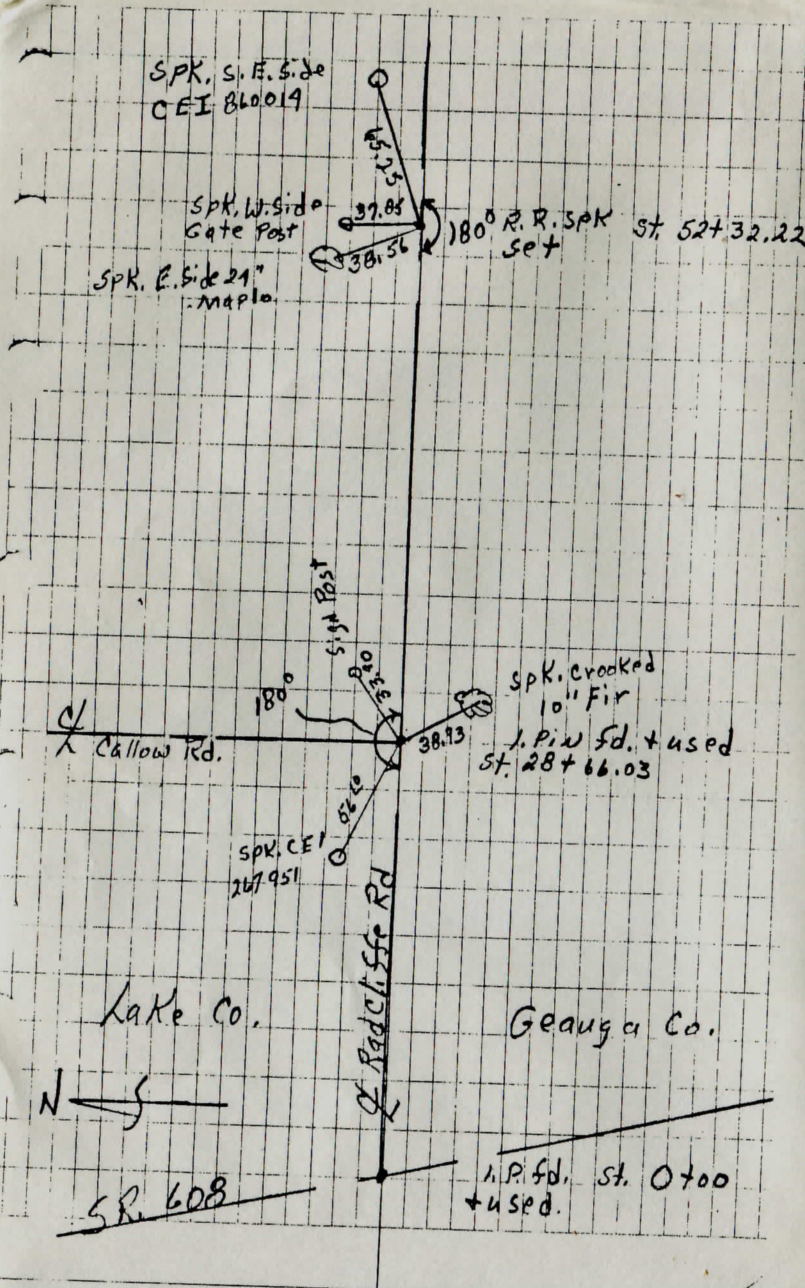




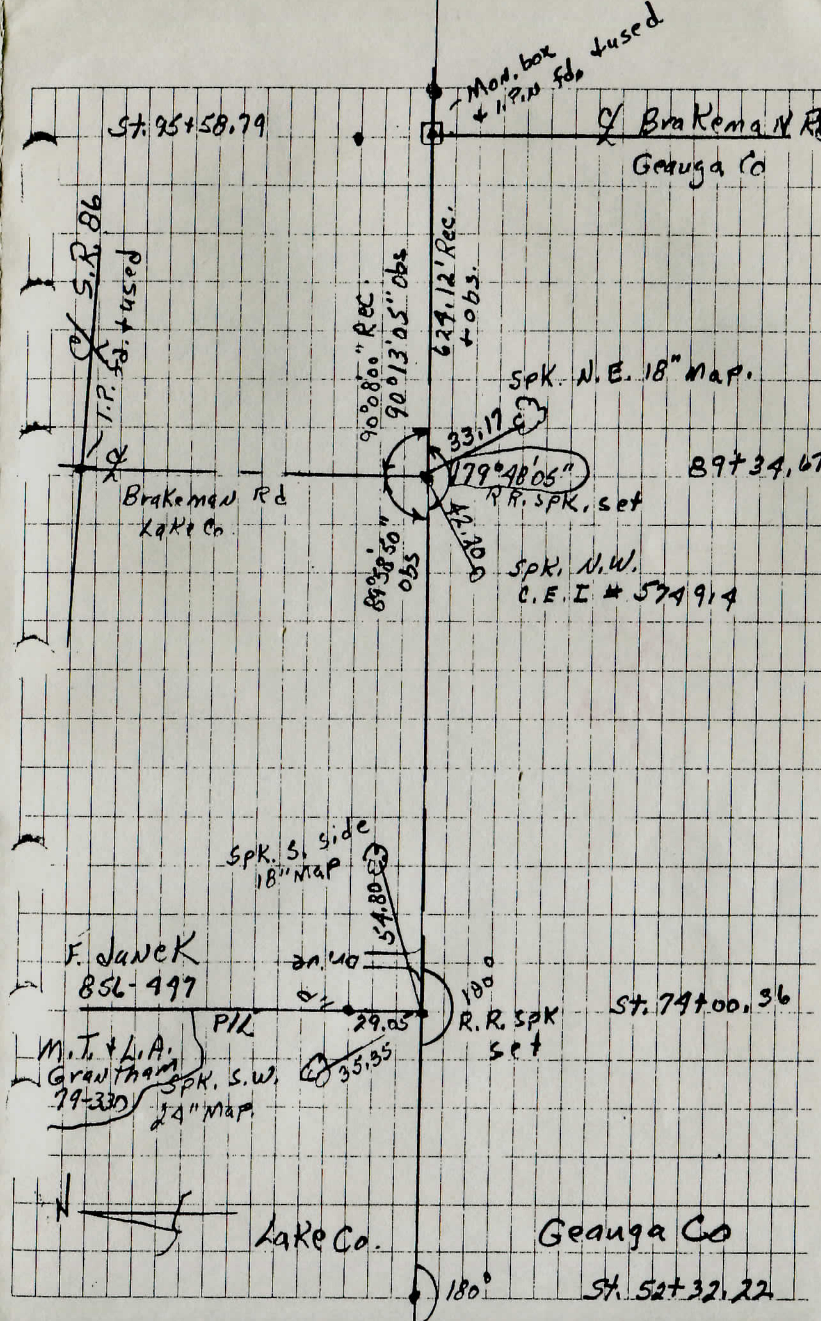
125+12.65

116+00





SPK. S.E. Side
CEI 860014
SPK. W. Side
Gate Post
37.05
38.56
180° R.R. SPK
set
St. 52+32.22
SPK. E. Side 21"
Maple
Sign Post
180°
SPK. crooked
10" Fir
38.93
I. Pin fd. + used
St. 28+66.03
Callow Rd.
SPK. CEI
267951
Radcliffe Rd
Lake Co.
Geauga Co.
N
I.P. fd. St. 0+00
+ used.
S.R. 608



Mon. box
+ I.P.N fd. + used
St. 95+58.79
Brakeman Rd
Geauga Co
S.R. 86
I.P. fd. + used
90°08'00" Rec.
90°13'05" obs
624.12' Rec.
+ obs.
SPK. N.E. 18" Map.
33.17
179°48'05"
R.R. SPK. set
89+34.67
Brakeman Rd
Lake Co.
89°58'50" obs
SPK. N.W.
C.E.I # 574914
SPK. S. side
18" Map
54.80
F. Janek
856-497
P/L
29.05
180°
R.R. SPK
set
St. 74+00.36
M.T. + L.A.
Grantham
79-330
SPK. S.W.
24" Map.
35.35
N
Lake Co.
Geauga Co
180°
St. 52+32.22

Cross Sections

June 21, 1929

			−	El.
BM	2.18	1321.61		1319.43
0+00			4.4	1317.2
1+10			7.5	1314.1
2			8.9	1312.7
T.P	2.14	1313.35	10.70	1310.91
3			4.2	1309.2
4			7.0	1306.4
5			8.7	1304.7
T.P	3.82	1306.86	10.31	1303.04
6			3.4	1303.6
7			5.4	1301.5
8			6.9	1300.0
9			8.5	1298.4
10			11.9	1295.0
T.P	3.12	1297.01	12.97	1293.89
11			4.6	1292.4

June 21, 1929 Fair 80°

D. Parks
R. H. Goodrich
R. Hassel

B.M. 24" Maple, E. Root, 24" Maple, 60'± W. of Sta. 0+00

2.1	2.7	3.3	3.8	4.4	5.6	6.9	7.8	8.6
200.0	150.0	100.0	50.0	℄	50.0	100.0	150.0	200.0

+ 5.2	+ 5.4	+ 7.0	− 8.6	− 8.1	7.5	+ 7.1	+ 5.7	+ 5.4
30.0	25.0	11.0	8.0	2.5	℄	14.0	20.0	30.0

8.0	8.2	9.0	10.5	9.7	8.9	9.4	10.0	8.7	8.2
50.0	14.5	10.5	8.5	8.0	℄	8.5	10.5	15.0	34.0

+ 1.7	+ 2.5	− 5.7	− 4.4		− 4.2	− 4.7	− 5.6	+ 3.6	+ 1.6
30.0	15.5	9.0	1.0		℄	9.0	10.5	14.0	34.0

+ 6.5	+ 6.3	− 7.3	− 7.9		− 7.0	− 7.9	− 7.4	+ 6.0
30.0	25.0	12.0	9.5		℄	7.0	9.5	30.0

− 9.0	− 9.1	− 8.9	− 9.0		− 8.7	− 9.3	− 10.2
30.0	13.0	10.5	9.0		℄	6.0	30.0
29.9	12.9	10.4	8.9		0.1	6.1	30.1

+ 1.9	+ 2.0	− 4.0	− 4.9	− 4.0		− 3.4	− 4.2	− 3.5
30.0	25.0	13.0	11.0	8.5		℄	6.5	30.0
29.9	24.9	12.9	10.9	8.4		0.1	6.6	30.1

+ 2.6	+ 3.2	+ 5.1	− 6.6	− 8.4		− 5.4	− 5.8	+ 5.0	+ 4.7
30.0	21.0	13.0	11.0	8.0		℄	5.0	7.5	30.0
29.9	20.9	12.9	10.9	7.9		0.1	6.4	7.6	30.1

+ 4.7	+ 5.0	+ 8.7	− 8.8	− 7.2		− 6.9	− 6.7	− 7.7	+ 5.3	+ 5.0
30.0	26.0	14.0	13.0	10.0		℄	4.5	6.0	8.5	30.0
28.8	24.8	14.8	13.3	9.8		0.2	4.7	6.2	8.7	30.2

+ 7.6	+ 7.8	− 10.4	− 9.0		− 8.5	− 8.7	− 9.7	+ 7.3	+ 6.3
30.0	14.5	14.5	13.0		℄	3.5	4.5	9.0	30.0
29.8	12.3	14.3	12.8		0.2	3.7	4.7	9.2	30.2

+ 9.4	+ 9.5	− 17.0	− 12.2		− 11.9	− 12.0	− 13.4	+ 9.6	+ 8.2	+ 7.3
30.0	20.0	16.0	13.0		℄	3.5	4.0	14.0	25.0	30.0
29.8	22.8	14.8	12.8		0.2	2.7	3.7	10.2	15.2	30.2

− 5.6	− 4.7	− 5.0	− 4.6		− 4.6	− 4.9	+ 2.5
30.0	11.5	10.5	9.6		℄	14.0	30.0
29.8	11.3	10.3	9.3		0.2	10.2	30.2

		1297.01		
B.M.			2.56	1294.45
			4.5	1292.5
11+76.2		3.2 6 to Box Culvert		
12			5.1	1291.9
T.P	11.30	1304.37	3.94	1293.07
13			12.5	1291.9
14			8.2	1296.2
T.P	6.59	1305.38	5.58	1298.79
15			6.6	1298.8
16			6.0	1299.4
16+25			5.8	1299.6
17			10.0	1295.4
T.P.	5.25	1299.36	11.27	1294.11
18			5.3	1294.1
18+30.0	1X1 Stone Box		4.7	1294.7
19			5.2	1294.2
19+35			4.9	1294.5
	9.46	1304.79	4.03	1295.33
20			9.5	1295.3

West Road 15" Maple 25' RT Sta 11+02.0

Sta.	B.S.	H.I.	F.S.	Elev.
		1304.79 ✓		
21			6.7	1298.1 ✓
T.P.	7.42	1306.65 ✓	5.56	1299.23
22		(1308.34)	6.3	1300.4 ✓
B.M.	4.65	1308.34	2.96	1303.69
23			5.8	1302.5 ~~1300.9~~
24			4.4	1303.9 ~~1302.4~~
25			6.8	1301.5 ~~1300.0~~
	4.23	1303.63 ✓ ~~1301.94~~	8.94	1299.40 ✓ ~~1297.71~~
26			4.0	1299.6 ~~1297.7~~
27			4.8	1298.8 ~~1297.1~~
27+06			4.8	1298.8 ~~1297.1~~
28			4.4	1299.2 ~~1297.5~~
28+70			2.0	1301.6 ~~1299.9~~
T.P.	4.55	1305.01 ✓ ~~1303.32~~	3.17	1300.46 ✓ ~~1298.77~~
29			3.9	1301.1 ~~1299.4~~
30			5.5	1299.5 ~~1297.8~~
30+36.4	8" Corr iron pipe		5.2	1299.8 ~~1298.1~~

+3.6/~~27.0~~ 26.6 · +3.6/~~20.0~~ 19.6 · +4.4/~~8.0~~ 7.6 · +6.4/~~6.0~~ 5.6 · −8.0/~~4.0~~ 3.6 · −6.9/~~1.5~~ 1.1 · 6.7/~~¢~~ 0.4 · −7.0/~~11.0~~ 11.4 · −7.4/~~12.5~~ 12.9 · +4.3/~~17.5~~ 17.9 · +4.2/~~30.0~~ 30.4

+4.3/~~30.0~~ 29.6 · +4.3/~~22.0~~ 22.1 · +5.4/~~6.0~~ 5.6 · −7.4/~~2.0~~ 1.6 · 6.3/~~1.0~~ 0.6 · 6.3/~~¢~~ 0.4 · −6.4/~~13.0~~ 13.4 · −6.5/~~14.0~~ 14.4 · +5.4/~~15.5~~ 15.9 · +5.3/~~30.0~~ 30.4

Bent Spike E. Root 12" Maple 25' Lt Sta. 22+70

+4.8/~~30.0~~ 29.5 · +5.4/~~20.0~~ 19.5 · −6.0/~~7.0~~ 6.5 · −6.9/~~5.5~~ 5.0 · −6.3/~~3.0~~ 2.5 · 5.8/~~¢~~ 0.5 · −6.2/~~12.0~~ 12.5 · −6.4/~~13.5~~ 14.0 · −5.9/~~14.5~~ 15.0 · +5.4/~~30.0~~ 30.5

+3.3/~~30.0~~ 29.5 · +2.9/~~25.0~~ 24.5 · +4.0/~~9.0~~ 8.5 · −5.3/~~7.0~~ 6.5 · 4.4/~~¢~~ 0.5 · +4.2/~~4.0~~ 4.5 · −4.8/~~12.0~~ 12.5 · −5.1/~~13.5~~ 14.0 · +4.2/~~15.0~~ 15.5 · +3.3/~~30.0~~ 30.5

+5.8/~~30.0~~ 29.5 · +5.2/~~25.0~~ 24.5 · +5.2/~~11.0~~ 10.5 · −7.9/~~8.0~~ 7.5 · −7.3/~~5.5~~ 5.0 · 6.8/~~¢~~ 0.5 · −7.3/~~10.0~~ 10.5 · −7.7/~~11.5~~ 12.0 · +4.9/~~18.0~~ 18.5 · +3.8/~~30.0~~ 30.5

−4.5/~~30.0~~ 29.5 · −4.4/~~25.0~~ 24.5 · −4.2/~~10.0~~ 9.5 · −4.8/~~8.0~~ 7.5 · 4.0/~~¢~~ 0.5 · −4.3/~~7.5~~ 8.0 · −4.6/~~10.0~~ 10.5 · 0 4.0/~~12.0~~ 12.5 · +3.7/~~15.5~~ 16.0 · +2.4/~~19.0~~ 19.5 · +1.6/~~30.0~~ 30.5

+4.5/~~30.0~~ 29.5 · −5.6/~~11.0~~ 10.5 · −5.9/~~10.0~~ 9.5 · −5.3/~~8.0~~ 7.5 · 4.8/~~¢~~ 0.5 · −5.1/~~5.0~~ 5.5 · −6.1/~~9.0~~ 9.5 · −5.0/~~14.5~~ 14.0 · −5.6/~~30.0~~ 30.5

1298.1 3.8/~~100.0~~ 99.5 · 1297.0 4.9/~~50.0~~ 49.5 · 1295.7 6.2 − 1296.7 5.2/~~8.5~~ 8.0 · 1299.1 4.8/~~¢~~ 0.5 · 1296.2 −5.7 − 1295.5 6.4/~~8.0~~ 8.5 · 1290.5 7.4/~~50.0~~ 50.5 · 1299.1 7.8/~~100.0~~ 100.5 · 1292.2 9.7/~~200.0~~ 200.5 · −10.1/~~250.0~~ 250.5

+1.3/~~30.0~~ 29.4 · +2.4/~~17.0~~ 16.4 · −5.4/~~9.5~~ 8.9 · −4.8/~~6.5~~ 5.9 · 4.4/~~¢~~ 0.6 · −5.1/~~10.5~~ 11.1 · +2.4/~~18.0~~ 18.6 · +2.1/~~30.0~~ 30.6

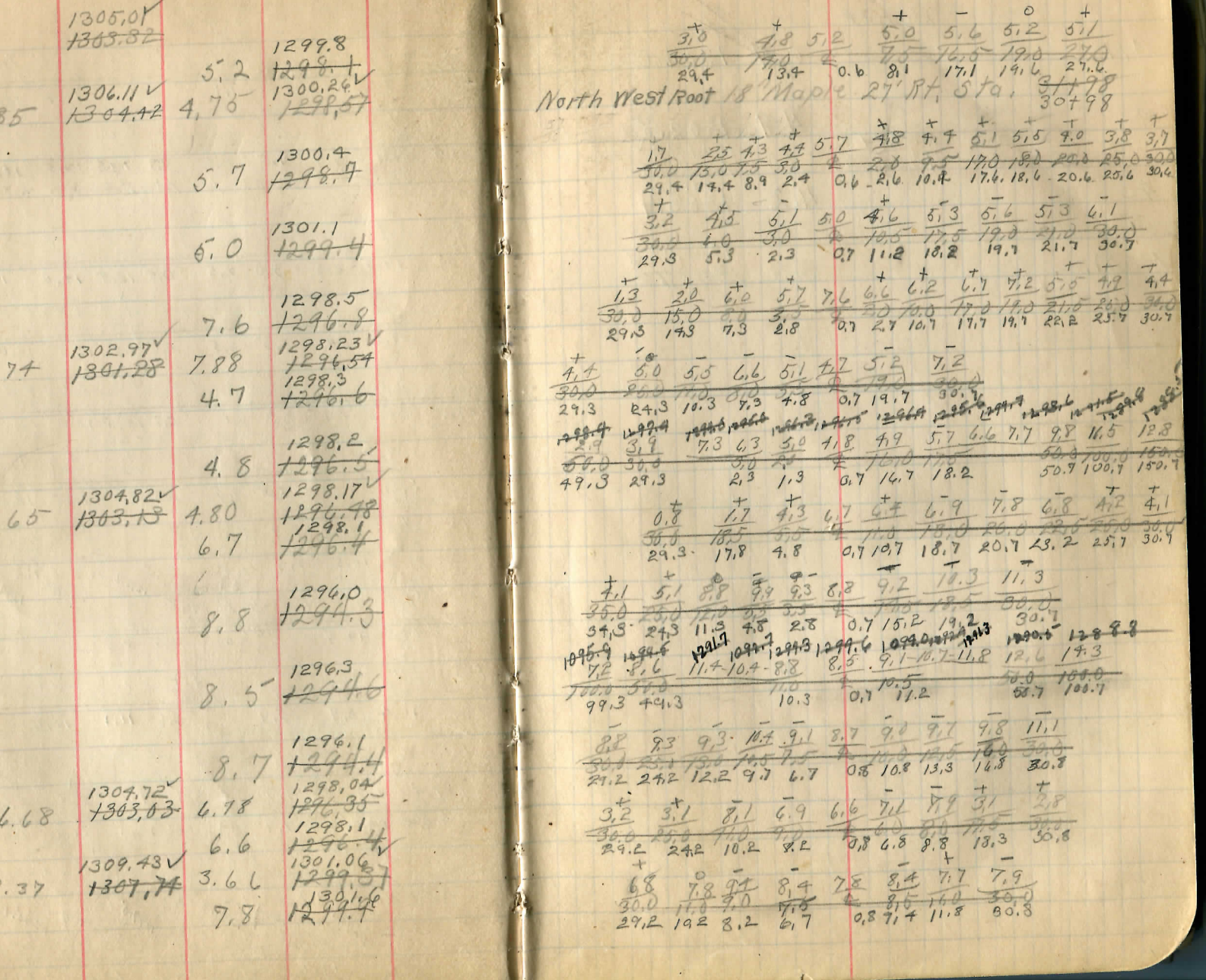
+1.4/~~30.0~~ 29.4 · +1.5/~~25.0~~ 24.4 · +3.5/~~10.0~~ 9.4 · −4.9/~~8.5~~ 7.9 · −4.2/~~5.5~~ 4.9 · 3.9/~~¢~~ 0.6 · −4.2/~~12.5~~ 13.1 · +3.2/~~21.0~~ 21.4 · +2.6/~~30.0~~ 30.6

+4.2/~~30.0~~ 29.4 · +5.0/~~10.5~~ 9.9 · −5.6/~~8.0~~ 7.4 · 5.5/~~¢~~ 0.6 · +5.4/~~10.0~~ 10.6 · −5.8/~~12.5~~ 13.1 · +5.1/~~15.0~~ 15.6 · 0 5.5/~~30.0~~ 30.6

1299.2 4.2/~~50.0~~ 49.6 · 1297.7 6.2 − 1297.8 5.5/~~4.5~~ ~~5.1~~ 3.9 · 5.2/~~¢~~ 0.6 · 1294.5 −5.8 1295.9 6.6/~~13.0~~ 13.6 · 1296.1 7.2/~~50.0~~ 50.6 · 1294.4 8.6/~~100.0~~ 100.6 · 1292.3 11.0/~~200.0~~ 200.6

		1305.01 ✓		
		~~1303.82~~		1299.8
31			5.2	~~1298.1~~
		1306.11 ✓		1300.24 ✓
B.M.	5.85	~~1304.42~~	4.76	~~1298.57~~
				1300.4
32			5.7	~~1298.7~~
				1301.1
33			6.0	~~1299.4~~
				1298.5
34			7.6	~~1296.8~~
		1302.97 ✓		1298.23 ✓
T.P.	4.74	~~1301.28~~	7.88	~~1296.54~~
35			4.7	1298.3 ~~1296.6~~
				1298.2
✓			4.8	~~1296.5~~
35+07		1304.82 ✓		1298.17 ✓
	6.65	~~1303.13~~	4.80	~~1296.48~~
				1298.1
36.			6.7	~~1296.4~~
				1296.0
37			8.8	~~1294.3~~
✓				1296.3
37+89			8.5	~~1294.6~~
				1296.1
38			8.7	~~1294.4~~
		1304.72 ✓		1298.04 ✓
	6.68	~~1303.03~~	6.98	~~1296.35~~
				1298.1
39			6.6	~~1296.4~~ ✓
		1309.43 ✓		1301.06 ✓
	8.37	~~1307.74~~	3.66	~~1299.37~~
				1301.6
40			7.8	~~1299.1~~

North West Root 18 Maple 27' Rt. Sta. 3+98
30+98



		1309.43 ✓		
		~~1307.74~~		
				1302.7
41			6.7	~~1301.0~~
				1304.5
42			4.9	1302.8 ✓
		1309.27 ✓		1304.43 ✓
	4.84	~~1307.58~~	5.00	~~1302.74~~
				1305.1
43			4.2	~~1303.4~~
				1305.41 ✓
B.M.			3.86	~~1303.72~~

+	+	+	−	−		−	+	+
4.1	4.5	6.4	7.8	7.3	6.7	7.2	6.5	5.5
~~30.0~~	~~29.0~~	~~11.5~~	~~8.5~~	~~7.0~~	~~2~~	~~9.0~~	~~11.0~~	~~36.0~~
29.2	29.2	10.7	7.7	6.2	0.5	9.8	11.8	30.8

+	+	−	−	−		−	−	−	−
3.5	3.9	5.3	6.1	5.2	4.9	6.6	5.1	5.0	5.0
~~30.0~~	~~22.0~~	~~10.5~~	~~9.5~~	~~7.0~~	~~X~~	~~9.0~~	~~11.0~~	~~25.0~~	~~30.0~~
29.2	21.2	9.7	8.7	6.7	0.8	10.3	11.8	25.8	30.8

	+	−	−		−	−
	3.4	4.6	5.1	4.2	4.8	5.3
	~~34.0~~	~~11.0~~	~~9.5~~	~~2.0~~	~~9.5~~	~~30.0~~
	29.1	11.1	8.6	0.9	10.4	30.9

R.P. Spike North West side trunk 10" Maple 28' Rt.
Sta. 43+20

Stopped June 21, 1929

B.M.	3.82	1309.23 ~~1307.54~~		1305.41 ~~1303.72~~
44			4.9	1304.3 ~~1302.6~~
45			6.6	1302.6 ~~1300.9~~
T.P.	4.34	1303.87 ~~1302.18~~	9.70	1299.53 ~~1297.84~~
46			4.9	1299.0 ~~1297.3~~
47			9.6	1294.3 ~~1292.6~~
T.P.	4.06	1296.92 ~~1295.23~~	11.01	1292.86 ~~1291.17~~
48			4.4	1292.5 ~~1290.8~~
48.08			4.7	1292.2 ~~1290.5~~
49			4.9	1292.0 ~~1290.3~~
49+45			4.0	1292.9 ~~1291.2~~
T.P.	2.91	1295.44 ~~1293.75~~	4.39	1292.53 ~~1290.84~~
50			5.5	1289.9 ~~1288.2~~
51			9.7	1285.7 ~~1284.1~~
52			13.6	1281.8 ~~1280.2~~
T.P.	0.05	1283.57 ~~1281.88~~	11.92	1283.52 ~~1281.83~~
53			9.6	1274.0 ~~1272.3~~
T.P.	3.25	1274.27 ~~1272.58~~	12.55	1271.02 ~~1269.33~~

June 23 1929. Cloudy 70° D. Parks R.H. Goodrich R. Hassel

B.P. spike North West Trunk 10" Maple 28' Rt. Sta. 43+20

+4.0 +4.4 +4.7 −6.2 −5.2 −4.9 −5.2 −6.3
30.0 25.0 12.5 9.0 7.0 ~ 8.0 30.0

+3.9 +4.6 −8.5 −7.3 −6.6 −7.0 −7.8 +1.9 +4.5
30.0 18.0 9.0 7.0 ~ 6.5 8.5 12.0 30.0

+2.3 +3.4 −5.2 −4.9 −5.3 −6.1 +2.3 +1.6 +1.9
30.0 16.0 11.0 ~ 6.0 8.0 15.0 25.0 30.0

+7.1 −9.8 −10.8 −10.3 −9.6 −10.1 −9.7 +8.1 +7.8 +7.9
30.0 16.5 12.0 ~~9.5~~ ~ 8.5 11.8 15.0 25.0 30.0

−5.1 −4.8 −5.5 −4.6 −4.4 −4.5 −5.1 −7.0
27.0 19.0 16.5 12.0 ~ 6.0 7.0 30.0

~~1290.7~~ ~~1289.~~ ~~1290.~~ ~~1291.~~ ~~1290.5~~ ~~1290.0~~ ~~1289.9~~ ~~1287.2~~
4.5 ~~6.9-5.7~~ 7.1 4.2 4.7 5.1 ~~5.2-6.5-7.0~~ 8.0 ~~11.8~~ 11.4
30.0 15.0 13.5 ~ 7.5 5.0 50.0 100.0

+1.9 +2.8 +4.6 −5.6 −5.1 −4.9 −5.0 +4.7
30.0 25.0 12.0 12.0 10.5 ~ 8.5 30.0

+2.0 +3.1 +4.7 −6.2 −5.6 −5.5 +5.4 +4.4 +3.7
30.0 25.0 18.5 14.5 14.0 ~ 14.0 16.0 30.0

+7.6 +9.2 −10.5 ○9.7 +9.3 −9.7 −10.4 +9.2 +8.0
30.0 18.5 17.5 13.5 6.0 ~ 2.5 3.5 30.0

+11.3 +12.2 −14.8 −13.7 −13.6 −15.0 +12.5 +11.9
30.0 21.0 17.0 14.0 ~ 2.0 3.6 30.0

+3.6 +5.8 +5.9 −8.7 +7.4 −7.6 −8.1 +4.6 +2.9
30.0 25.0 22.0 19.5 16.0 ~ 1.5 9.5 30.0

		1274.27 ~~1272.58~~		
54			4.1	1270.2 ~~1268.5~~
55			8.8	1265.5 ~~1263.8~~
	2,40	1265.37 ~~1263.68~~	11.30	1262.97 ~~1261.28~~
56			3.5	1261.9 ~~1260.2~~
B.M			3.49	1261.88 ~~1260.19~~
57			6.9	1259.5 ~~1257.8~~
58			8.6	1256.8 ~~1250.1~~
59			10.4	1255.0 ~~1253.3~~
	2,16.	1256.30 ~~1254.61~~	11.28	1254.14 ~~1252.45~~
60			4.1	1252.2 ~~1250.5~~
61			8.2	1248.1 ~~1246.4~~
62			10.7	1245.6 ~~1243.9~~
	3,17	1246.37 ~~1244.68~~	13.10	1243.20 ~~1241.51~~
63			2.6	1243.8 ~~1242.1~~
64			5.0	1241.4 ~~1239.7~~
B.M.			3.25	1243.12 ~~1241.43~~
65			8.6	1237.8 ~~1236.1~~

+ 1,2 / 30.0	+ 2,8 / 26.0	+ 4,8 / 19.0	+ 3,7 / 16.0	4,1 / ℄	− 4.5 / 1.0	+ 1,8 / 6.0	+ 0.3 / 30,0	
+ ~~7.8~~ / 30.0	+ 7.0 / 25.0	+ 7.4 / 24.0	− 9.8 / 17.5	8.8 / 15.5	8,8 / ℄	− 10.0 / 2.0	+ 7.3 / 2.5	+ 5,4 / 30.0
+ 0,1 / 30.0	+ 1.7 / 21.5	− 4.8 / 17.0	− 3.7 / 15.0	3,5 / ℄	− 4.2 / 2.0	+ 2.8 / 5.0	+ 1,9 / 27.0	

Spike S. W. side 12" H. cherry 30' Rt sta. 56+70

6.1 / 30.0	6.1 / 25.0	5.7 / 18.0	7.0 / 15.0	6.7 / 13.6	5,9 / ℄	− 7.2 / 3.0	+ 5.4 / 2.6	+ 5.5 / 25.0	+ 5.7 / 30.0
− 8.7 / 30.0	− 8.4 / 17.0	− 10.0 / 15.0	− 8.7 / 12.0		B.6 / ℄	− 9.0 / 1.0	− 10.2 / 2.6	+ 7.3 / 8.0	+ 3.4 / 30.0
− 10.8 / 30,0	− 10.4 / 17.0	− 12.3 / 15,5	− 10.9 / 13.0	10.4 / ℄	− 10.8 / 1.0	− 12.8 / 2.0	− 10.4 / 7.0	+ 6.4 / 30.0	
+ 3.4 / 30,0	+ 3.5 / 19.1	6.2 / 16.0	− 4.6 / 13.6	4.1 / ℄	− 4.3 / 1.5	6.3 / 3.0	+ 2.3 / 11.0	0.3 / 30,0	
5.9 / 30.0	6.3 / 25.0	9.6 / 16.5	8.6 / 14.5	8.2 / ℄	7.7 / 3.0	8.8 / 4.0	5.8 / 12.0	4.1 / 30.0	
9.7 / 30.0	10.6 / 19.0	12.0 / 15.5	10.9 / 12.0	10.7 / ℄	11.2 / 1.5	12.0 / 3.0	9.2 / 9.0	7.9 / 30.0	
2.2 / 30.0	2.2 / 17.0	4.3 / 15.0	3.1 / 13.0	2.6 / ℄	2.8 / 1.5	4.1 / 2.5	2.4 / 5.5	3.5 / 30.0	
2.4 / 30.0	5.1 / 16.5	4.4 / 14.5	5.1 / 10.5	5.0 / ℄	5.3 / 2.0	6.7 / 4.5	5.3 / 8.0	5.8 / 25.0	6.7 / 30.0

S. W. side trunk 24" pine 22' Rt. sta. 64+13

5.9 / 30.0	7.3 / 15.0	8.6 / ℄	8.0 / 5.0	7.3 / 8.0	8.1 / 10.0	6.6 / 13.0	7.0 / 25.0	8.4 / 30.0	

		1246.37 ✓		
		~~+244.68~~		1234.01 ✓
TP	6.08	1240.89 ✓	12.84	~~+232.32~~
		~~+238.40~~		1231.7
66			8.4	~~1230.0~~ ✓
		1235.51 ✓		1227.14 ✓
T.P.	8.35	~~+233.82~~	12.93	~~1226.47~~
6.6+88			11.2	1224.3
				~~+222.6~~
				1223.6
67			11.9	~~1221.9~~
		1225.65 ✓		1223.34 ✓
T.P.	2.31	~~+223.96~~	12.17	~~1221.65~~ ✓
T.P.			3.45	1222.20 ✓
				~~1220.61~~

1.5 / 35.0 — 3.0 / 18.5 — 10.3 / 8.5 — 7.7 / 5.5 — 8.7 / E — 8.6 / 8.5 — 10.9 / 11.5 — 4.8 / 15.0 — 6.0 / 25.0 — 6.5 / 30.0

+1.9 / 30.0 — +2.4 / 25.0 — −12.6 / 9.5 — −11.7 / 7.0 — 11.2 / E — −11.4 / 6.3 — −12.5 / 13.0 — +10.9 / 17.0 — +8.3 / 25.5 — +8.4 / 30.0

+8.5 / 30.0 — +8.5 / 25.0 — +9.6 / 16.0 — −12.8 / 8.0 — −12.3 / 6.0 — 11.2 / E — −12.7 / 15.0 — +11.7 / 17.0 — +9.4 / 27.0 — +10.2 / 30.0

N. E. Cor, North Headwall

T.P.	3.56	1225.76 ~~1224.07~~		1222.20 ~~1220.51~~
68			4.3	1221.5 ~~1219.8~~
68+30	✓ Corr. culvert		4.4	1221.4 ~~1219.7~~
69			5.9	1219.9 ~~1218.2~~
T.P.	10.13	1235.12 ~~1233.43~~	0.77	1224.99 ~~1223.30~~
70			12.0	1223.1 ~~1221.4~~
T.P.	8.17	1242.09 ~~1240.40~~	1.20	1233.92 ~~1232.23~~
71			10.5	1231.6 ~~1229.9~~
72			6.0	1236.1 ~~1234.4~~
T.P.	~~9.69~~	~~1242.95~~	~~7.14~~	~~1234.95~~ ~~1233.26~~
B.M.			~~5.99~~	~~1236.96~~
				1235.60

D. Parks
R. Goodrich

July 5, 1929 sun warm in afternoon F. Grau

− 6.5 / 30.0 - 25.0	− 5.9 / 18.0	− 6.5 / 16.5 14.5	− 5.1 / 11.5	4.3 / ℄	− 4.6 / 9.5	− 6.0 / 11.5	− 5.2 / 13.5	− 5.9 / 25.0	− 6.4 / 30.0	
~~1218.1~~ 11.6 / 100.0	~~1219.4~~ 9.6 / 50.0	~~1215.8~~ 8.7	~~1218.0~~ 5.6	~~1220.6~~ 3.5 / 10.9	~~1219.4~~ 4.7 / 10.0	~~1219.7~~ 4.4 / ℄	~~1219.3~~ 4.8 / 9.6	~~1220.5~~ 3.6 5.9 8.9 / 10.7	~~1215.6~~ 8.5 / 25.0	~~1212.9~~ 6.7 / 30.0
− 7.9 / 30.0	− 7.7 / 25.0	− 6.3 / 11.0	− 6.3 / 5.5	5.9 / ℄	0 5.9 / 5.6	− 6.3 / 6.5	+ 5.7 / 12.0	− 6.0 / 16.5	− 6.7 / 18.0	− 6.6 / 30.0
+ 10.8 / 32.5	+ 9.1 / 24.5	+ 10.1 / 16.0	+ 11.2 / 12.0	− 13.2 / 9.0	− 12.2 / 6.5	12.0 / ℄	+ 11.9 / 6.8	− 12.6 / 8.0 - 10.0	+ 9.8 / 14.5	+ 6.3 / 22.5
+ 4.8 / 25.0	+ 4.8 / 30.0									
+ 9.4 / 30.0	+ 9.4 / 9.5	− 11.2 / 7.0 6.0	− 10.8 / 5.0	10.5 / ℄	+ 10.2 / 8.0	− 11.5 / 10.0 11.0	+ 9.5 / 12.5	+ 8.1 / 17.0	+ 4.7 / 26.0	+ 4.7 / 30.0
0 6.0 / 30.0	0 6.0 / 25.0	+ 5.8 / 11.0	− 6.7 / 6.5	6.0 / ℄	− 6.2 / 9.0	− 7.0 / 12.0	+ 5.9 / 13.5	+ 4.6 / 26.0	+ 4.6 / 30	

E. rout 24" pipe 16' Lt. sta. 73+15

Corrected Elevation.

See Slope stake notes

		1241.59		1235.60
		~~1241.64~~		~~1238.65~~
B.M	5.99	~~1242.75~~		~~1236.96~~
73				1235.9
			5.7	~~1237.3~~
74				1231.7
			9.9	~~1233.1~~
		1233.02		1228.63
T.P.	4.49	~~1234.38~~	13.06	~~1229.89~~
75				1225.7
			7.9	~~1227.1~~
		1226.25		1220.06
T.P.	6.20	~~1227.61~~	13.02	~~1221.36~~
76				1218.5
			7.8	~~1219.5~~
77				1215.4
			10.9	~~1216.7~~
		1219.24		1213.92
T.P.	5.32	~~1220.60~~	12.33	~~1215.28~~
78			5.0	~~1215.6~~
			7.8	~~1212.8~~
V				1214.2
78+50	7.2			1214.2
			5.0	~~1215.2~~
		1226.76		1210.75
T.P.	10.01	~~1228.16~~	2.19	~~1218.11~~
79				1214.6
			12.2	~~1215.7~~
79+50				1217.3
			9.5	~~1218.6~~
80				1220.8
			6.0	~~1222.1~~
80+50				1221.7
			5.1	~~1223.0~~
81				1220.3
			6.5	~~1221.6~~

Sun. Hot Showers

D. Parks
R. Goodrich
F. Grau.

July 6, 1929

6.1 5.7 6.1 5.8 5.7 5.9 5.5 3.6 R.21
30.0 12.0 9.0 7.0 4 6.5 7.0 17.5 30.0

7.7 9.1 10.5 10.0 9.9 10.2 10.9 9.2 8.0 6.7 6.1
30.0 14.5 15.0 11.0 9.0 4 3.5 7.0 13.5 17.5 30.0

3.7 4.2 5.7 8.9 7.6 7.3 7.4 8.4 6.8 3.2 3.1 3.0
30.0 18.0 13.0 9.0 7.5 4 4.0 7.0 10.5 17.0 26.0 30.0

4.7 6.3 7.0 6.9 8.3 7.8 8.2 9.1 9.1 9.0
30.0 23.5 17.5 13.7 10.0-10.0 8.5 4 4.5 7.0 17.0 30.0

12.2 12.0 11.4 11.8 11.3 10.7 10.9 11.1 11.3 11.1 12.6 12.9
30.0 17.0 13.0 12.0 10.0 8.0 3.0 4 3.0 4.6 7.0 17.5 30.0

8.1 7.8 9.3 7.4 5.3 7.8 5.1 5.8 8.1 8.8 8.1 6.6
30.0 22.0 19.0 17.0 10.0 4 3.5 6.5 17.0 30.0 26.0 34.0

14.2 11.5 10.5 10.5 7.5 5.3 5.3 5.0 5.4 5.6 6.2 10.1 8.4 8.0
50.0 50.0 31.0 12.1 7.6 4 6.5 8.1 24.0 50.0

9.2 9.7 12.7 11.9 12.2 12.7 9.2 7.5 7.0
30.0 24.0 16.0 8.0 4 3.0 8.0 25.0 30.0

6.9 7.9 9.1 10.1 9.6 9.5 9.6 10.1 8.1 6.4 5.6 4.7
30.0 19.0 13.0 14.0 10.0 4 2.0 9.0 7.5 13.0 22.0 36.0

6.6 5.1 4.6 6.9 6.6 6.0 6.7 6.9 5.3 4.1 3.4
30.0 21.0 12.0 7.5 5.3 4 6.5 9.5 12.0 19.0 30.0

5.9 5.3 5.1 5.6 5.1 4.7 5.0 5.3 4.8 4.3
30.0 15.0 4.5 3.0 4 6.5 12.0 14.0 16.0 36.0

5.4 5.7 7.0 6.5 6.1 6.6 6.6 6.6 5.3
30.0 3.0 2.0 4 6.0 14.0 16.0 34.0

		1226.76 ~~1228.12~~		
82			10.9	1215.9 ~~1217.2~~
T.P	3.47	1217.61 ~~1218.97~~	12.62	1214.14 ~~1215.50~~
83			5.6	1212.0 ~~1213.4~~
84			12.3	1205.3 ~~1206.7~~
T.P	3.08	1208.03 ~~1209.39~~	12.66	1204.95 ~~1206.31~~
B.M			4.52	1203.51 ~~1204.87~~
85			4.9	1203.1 ~~1204.5~~
85+23.5			4.9	1203.1 ~~1204.5~~
86			5.2	1202.8 ~~1204.2~~
T.P	6.67	1210.95 ~~1212.37~~	3.75	1204.28 ~~1205.64~~
87			6.6	1204.4 ~~1205.7~~
88			5.3	1205.7 ~~1207.0~~
89			3.7	1207.3 ~~1208.6~~
89+50			3.7	1207.3 ~~1208.6~~
90			4.3	1206.7 ~~1208.0~~
90+50			4.8	1206.2 ~~1207.5~~

+7.8 +7.8 +7.4 +9.3 −11.0 10.9 +10.3 +9.9 +10.3 11.1 +9.6 +8.4
30.0 25.0 13.0 3.0 1.0 ℄ 1.0 8.0 13.0 15.0 16.0 18.0 30.0

+1.7 +1.7 +2.5 +4.8 −7.1 −5.8 5.6 −5.9 −7.5 +4.3 +3.2
30.0 23.0 17.0 5.0 3.0 2.0 ℄ 12.0 14.0 18.0 30.0

+9.2 +9.4 +9.3 +7.2 +8.4 12.3 +12.1 +12.6 −13.0 +12.1 +9.6
30.0 25.0 14.0 8.5 4.5 2.0 ℄ 6.6 11.0 13.0 15.0 17.0 30.0

(W.)
E root 24" Catalpa 25' Rt. Sta 84+70

−7.5 −7.5 −6.2 −5.3 −5.6 −5.3 4.9 +7.8 −6.3 −6.7 −5.9
30.0 26.0 15.0 12.0 12.0 6.0 ℄ 8.0 15.0 17.0 30.0

~~1199.4~~ ~~1199.3~~ ~~1201.1~~ ~~1203.0~~ ~~1203.0~~ ~~1204.3~~ ~~1204.5~~ ~~1204.5~~ ~~1206.2~~ ~~1208.0~~ ~~1201.9~~ ~~1202.4~~

12.0 16.1 8.3 8.6 6.4 4.5 5.1 4.9 4.9 4.2 6.4 8.7 7.5 6.6
30.0 100.0 30 11.15 10.0 ℄ 6.0 7.65 30.0 50.0

+3.3 +2.8 +2.9 −5.3 −6.1 −5.6 5.2 −5.2 −5.9 +6.0 +4.6 +2.7
30.0 25.0 15.0 14.5 9.5 1.5 ℄ 10.0 12.0 14.0 16.0 21.0 30.0

−7.8 −7.8 −6.6 −7.9 −7.0 6.6 −6.8 −7.7 −6.9 +6.4
30.0 25.0 15.5 5.0 2.5 ℄ 11.0 13.0 17.0 30.0

−6.4 +1.5 +4.9 −5.8 5.3 +5.0 +5.3 −6.1 +4.9 +3.4
30.0 15.0 9.5 6.0 ℄ 6.5 15.5 16.0 17.0 19.0 30.0

−4.2 −4.2 −3.9 −4.6 −4.0 3.7 +3.6 −4.3 +3.7 +2.1
30.0 25.0 9.0 7.0 3.5 ℄ 13.0 17.0 18.0 30.0

+3.0 +3.0 −3.9 −4.6 −4.0 3.7 −4.0 −4.7 −3.9 +2.3
30.0 25.0 9.5 8.0 4.5 ℄ 12.0 14.5 15.5 30.0

−4.5 −4.5 −5.1 −5.4 −4.5 4.3 −4.7 −5.1 +4.2 +3.0
30.0 25.0 11.0 10.0 6.5 ℄ 10.0 13.0 14.0 30.0

−5.3 −5.3 −5.4 −5.7 −4.8 +4.6 −4.8 −5.1 −5.7 +4.6 +3.1 +3.4
30.0 25.0 14.0 14.0 11.5 7.0 ℄ 4.0 7.0 8.0 25.0 30.0

		1210.95 ~~+212.31~~		
91			5.1	1205.9 ~~+207.2~~
		1208.84		1205.75
T.P.	3.09	~~1210.20~~	5.20	~~+206.11~~
92			3.8.	1205.0 ~~+206.4~~
93			6.1	1202.7 ~~+204.1~~
94			8.7	1200.1 ~~+201.5~~
95			9.0	1199.8 ~~+201.2~~
95+18.9			9.1	1199.7 1201.1
96			9.2	1199.6 ~~+201.0~~
		1208.87		1199.91
T.P.	8.96	~~+210.23~~	8.93	~~+201.27~~
B.M.			6.20	1202.67 ~~+204.03~~
97			7.4	1201.5 ~~+202.8~~
98			6.3	1202.6 ~~+203.9~~
99			8.9	1200.0 ~~+201.3~~
100			10.2	1198.7 ~~+200.0~~
		1198.50		1196.44
T.P.	2.06	~~+199.86~~	12.43	~~+197.80~~
101			3.0	1195.5 ~~+196.9~~

+ 4.6 30.0 | ○ 5.1 25.0 | − 5.3 17.0 | − 3.7 12.0 | − 3.3 9.0 | 5.1 ℄ | − 6.5 6.5 | − 6.2 8.6 | + 5.0 11.0 | + 3.9 30.0

− 7.7 30.0 | − 4.0 11.0 | − 4.6 9.0 | − 4.3 6.0 | − 3.8 ℄ | − 7.3 7.0 | − 5.7 20 10.0 | + 3.7 12.5 | + 2.7 26.0 | + 2.5 30.0

+ 5.1 30.0 | + 5.3 12.0 | − 7.3 6.5 | − 4.5 7.0 | 6.1 ℄ | − 6.6 7.5 | − 8.0 10.0 | − 7.5 11.0 | + 5.5 13.5 | + 3.1 30.0

− 9.0 30.0 | ○ 8.7 8.0 | − 9.2 6.0 | − 8.7 ℄ | − 8.8 8.0 | − 9.6 9.0-11.0 | + 8.6 14.0 | + 6.7 30.0

− 11.3 30.0 | − 10.7 18.0 | − 9.7 13.0 | − 10.2 11.5 | − 9.7 8.5 | 9.0 6.15 ℄ | − 9.3 11.0 | − 10.8 13.0 15.0 | − 9.4 16.0 | − 9.7 25.0 | − 9.7 30.0

~~+16.3~~ 13.9 50.0 | ~~+17.6~~ 11.6 | ~~1199.9~~ ~~1201.7~~ 10.5 | 8.3 10.8 | ~~1201.0~~ 9.2 9.0 | 9.1 ℄ | ~~1201.1~~ 9.0 7.5 | ~~1201.2~~ 7.9 10.1 | ~~1201.4~~ 10.3 12.0 | ~~1199.9~~ ~~1198.2~~ | ~~1199.6~~ 10.6 50.0 | ~~1200~~ 10.2 100.0

○ 9.2 30.0 | − 9.6 13.0 | − 10.1 11.0 | 9.2 ℄ | − 9.7 7.5 | − 10.1 12.5 | − 9.5 13.0 | + 7.6 25.0 | + 7.1 30.0

W. root 30" Maple 30' Rt Sta 96+50

+ 6.2 30.0 | + 6.6 19.0 | − 7.7 15.6 | − 8.9 10.5 | − 8.3 8.6 | 7.4 ℄ | − 8.0 7.0 | − 8.5 9.0 | + 6.9 12.0 | + 6.2 15.0 | + 5.7 25.0 | + 5.7 30.0

+ 5.4 30.0 | + 5.6 26.0 | + 5.8 13.0 | − 6.4 12.5 | − 7.3 9.0 | 7.0 9.0 ℄ | − 6.3 ℄ | − 6.7 8.0 | − 7.3 10.0 | + 6.0 12.5 | + 4.8 16.0 | + 3.6 25.0 | + 3.5 30.0

+ 7.4 30.0 | + 7.6 25.0 | + 8.7 11.5 | − 9.4 8.0 | − 9.0 5.0 | 8.9 ℄ | + 8.8 9.0 | − 9.4 12.0 | + 8.4 14.5 | + 7.9 30.0

8.4 30.0 | 10.1 10.0 | 11.5 8.0 | 10.2 ℄ | 10.6 8.0 | 11.2 11.0 | 9.8 14.0 | 10.2 30.0

0.6 30.0 | 1.3 25.0 | 2.6 15.0 | 4.6 12.0 | 3.4 9.0 | 3.0 ℄ | 3.5 6.0 | 4.1 8.0 | 2.3 11.5 | 1.2 30.0

		1198.50 ~~1199.86~~		
102+[illegible]			5.3	1193.2 ~~1194.6~~
102+20.9			5.3	1193.2 ~~1194.6~~
103			5.0	1193.5 ~~1194.9~~
104			2.3	1196.2 ~~1197.6~~
T.P.	4.54	1201.68 ~~1203.04~~	1.36	1197.14 ~~1198.50~~
105			4.4	1197.3 ~~1198.6~~
106			5.2	1196.5 ~~1197.8~~
107			5.9	1195.8 ~~1197.1~~
107+44.7			6.4	1195.3 ~~1196.6~~
108			6.1	1195.6 ~~1196.9~~
109			5.3	1196.4 ~~1197.7~~
110			5.7	1196.0 ~~1197.3~~
111			7.8	1193.9 ~~1195.2~~
111+86.1			8.4	1193.3 ~~1194.6~~

−7.0/30.0 −6.0/20.5 −6.9/17.5 −5.4/13.0 5.3/℄ −6.5/6.5 −7.8/12.5 −8.8/13.0 −7.5/14.5 −6.9/30.0

1187.9 1188.8 1189.9 1190.1 1190.6 1192.8 1195.2 1191.9 1194.6 1194.6 1195.2 1192.2 1191.0 1195.1

12.0/30.0 11.1/20.0 10.0/10.0 9.8/50.0 9.3-7.1-4.7/14.1 5.2/12.0 5.3/℄ 5.3/5.0 4.7-7.2 8.9/8.4 6.8/50.0

+4.8/30.0 −5.6/20.0 −6.3/18.0 16.0 −5.5/14.0 5.0/℄ −5.3/6.0 +4.5/8.0 +3.6/18.0 +3.5/25.0 +3.2/30.0

−3.8/30.0 −3.2/25.0 −3.4/23.0 −4.8/20.0 −3.6/16.5 −2.8/12.0 2.3/℄ +2.0/4.0 −3.2/5.0-6.0 +1.8/9.0 +0.5/30.0

−5.3/30.0 −5.7/25.0 −4.9/20.0 −6.0/18.0 15.0 −5.1/13.0 4.4/℄ −4.6/5.0 −5.1/9.0 +4.1/15.0 +3.1/30.0

−5.7/30.0 −5.8/25.0 −5.4/17.0 −6.4/15.0 −5.8/11.0 5.2/℄ −5.3/4.0 −5.9/9.0 +4.9/13.0 +3.8/30.0

−7.4/30.0 −7.2/20.0 −6.5/16.5 −7.0/15.5 −6.2/10.0 5.9/℄ 0 5.9/4.0 −6.9/5.5 −6.2/9.0 +4.8/30.0

1191.1 1193.5 1194.5 1196.2 1196.6 1196.4 1195.9 1192.2 1198.9

12.9/100.0 9.5/30.0 8.5 6.8/12.4 6.4/℄ 6.6/4.0 7.3/4.0 5.8/9.0 4.1/50.0

+3.0/30.0 +3.8/25.0 +5.5/8.0 −6.5/5.0 6.1/℄ +5.8/5.0 −6.7/15.0 −6.7/14.0 −7.1/25.0 −7.1/30.0

+6.0/30.0 +5.7/15.5 −6.1/14.5 5.3/℄ −5.6/4.0 +4.7/6.0 +3.4/30.0

+5.6/30.0 +5.5/19.5 −7.1/17.0 +5.6/7.0 5.7/℄ −6.0/2.0 −6.6/4.5 +5.1/9.0 +3.4/30.0

1194.4 1194.9 1193.5 1195.2 1195.0 1196.0 1197.1

8.6/30.0 8.1/20.0 8.5/17.0 7.8/℄ 8.0/4.0 7.0/8.0 5.9/30.0

1195.7 flow

1192.7

9.9/30.0 9.4/20.0 8.3/16.0 10.3 8.8/11.0 8.4/℄ 7.9-9.3/7.9 6.3/12.0 5.8/30.0

		1201.68 ~~1203.14~~ 1196.68		1192.66 ~~1194.01~~ 1192.9
T.P	3.98	~~1197.99~~	9.03	~~1194.3~~
112			3.7	
B.M			6.93	1195.0 ~~1191.86~~
113			5.6	1191.0 ~~1192.4~~
114			7.4	1189.2 ~~1190.6~~
T.P.			7.63	1189.00 ~~1190.36~~

~~1192.6~~

+ 4.7 / 30.0	+ 4.7 / 25.0	+ 3.7 / 15.0	− 5.7 / 13.0	− 4.2 / 10.0	3.7 / 2	+ 3.2 / 7.0	+ 2.2 / 18.0	+ 2.6 / 18.0	+ 1.7 / 30.0

W. root 12" Maple 25' Rt. Sta. 112+30

− 6.4 / 30.0	− 5.8 / 12.0	− 7.5 / 11.0 8.5	− 6.2 / 6.5	5.6 / 2	− 5.8 / 5.0	− 6.6 / 7.0	+ 4.5 / 12.5	+ 3.1 / 30.0
+ 7.3 / 30.0	− 7.9 / 13.0	− 9.2 / 11.88.3	− 7.8 / 7.0	7.4 / 2	− 7.7 / 5.5	− 9.0 / 7.5	+ 5.8 / 14.0	+ 4.9 / 30.0

Top of side stake at sta 115

		1192.35		1189.00
T.P.	3.35	~~1173.71~~		~~1186.35~~
				1187.3
115			5.1	~~1188.6~~
				1185.4
116			7.0	~~1186.7~~
		1187.72		1182.54
T.P.	5.18	~~1189.08~~	9.81	~~1183.90~~
				1183.3
117			4.4	~~1184.1~~
				1181.7
118			6.0	~~1183.1~~
		1184.23		1181.27
T.P.	2.96	~~1185.59~~	6.45	~~1182.63~~
118+52.9			3.2	1181.0 ~~1182.7~~
				1179.3
119			4.9	~~1180.7~~
				1176.8
120.			7.4	~~1178.2~~
				1173.5
121			10.7	~~1174.9~~
		1175.50		1173.09
T.P.	2.41	~~1176.86~~	11.14	~~1174.45~~
				1169.9
122			5.6	~~1171.3~~
				1166.7
123			8.8	~~1168.1~~
				1164.1
124			11.4	~~1165.5~~
		1168.99		1162.99
T.P.	6.00	~~1170.35~~	12.51	~~1164.35~~
B.M			5.34	1163.65 ✓ ~~1160.01~~

Sun Hot 70° — D. Parks, R. Goodrich, F. Grau

July 8, 1929

Top of side stake sta. 115

4.4	4.9	6.9	5.7	5.1	6.4	7.0	4.3	3.4			
30.0	12.0	11.0-8.0	7.0	℄	6.0	7.0-8.0	11.0	30.0			
5.8	6.5	9.0	7.5	7.0	7.0	8.7	7.6	5.5	5.9		
30.0	15.0	12.0-10.0	9.0	℄	7.0	10.0	12.0	14.5	30.0		
2.3	4.7	5.3	6.0	4.9	4.4	4.9	6.0	3.0	2.7		
30.0	19.5	15.0	10.0	8.5-6.5	5.0	℄	7.0	9.0-10.0	16.0	30.0	
5.7	6.6	7.5	6.6			6.0	6.2	7.2	6.5	6.2	7.0 7.5
30.0	8.5	9.5	5.0			℄	7.5	8.5-10.5	12.0	17.0	12.0 30.0
9.3	2.9	6.8	8.5	9.6-2.0	3.0	3.4	3.2	3.1	1.9-7.6-6.8	5.6	4.2
30.0	10.0	25.0	12.15		10.6	7.5	℄	7.9	11.75	20.0	75.0
6.5	5.2	5.4	5.3	4.8	5.2	6.4	5.2	5.0	4.2	3.2	3.2
30.0	16.0	12.0	7.0	℄	8.0	10.0-12.0	14.5	18.0	20.0	25.0	30.0
6.7	6.4	7.2	8.4	7.8	7.4	7.8	9.3	5.9	5.2	4.7	
30.0	13.0	9.0	7.5	5.0	℄	8.5	11.0	16.0	19.0	30.0	
9.5	9.8	11.9	10.9		10.7	10.4	10.7	13.1	9.4	7.9	
30.0	7.0	5.0	3.0		℄	3.0	8.0	12.0	17.0	30.0	
3.1	4.3	7.0	6.0	5.6	5.4	5.9	7.6		3.2	2.2	
30.0	11.0	6.0-5.0	3.8	℄	7.0	9.5	11.5-13.5		20.0	30.0	
6.8	6.7	8.3	10.0	9.0	8.8	8.8	9.7	8.3	6.9		
30.0	17.0	9.0	6.0-5.0	2.8	℄	12.5	14.0-16.0	19.0	30.0		
10.4	10.6	11.3	12.0	11.5	11.4	11.3	10.5	11.9	10.9	10.7	
30.0	18.5	19.5	8.0	4.0	℄	10.0	14.0-17.0	26.0	22.5	30.0	

E. root 18" Maple 46' Lt Sta 124+68

	1168,99 ~~1172.35~~		
125		5.7	1163.3 ~~1164.7~~
125+12.65		7.6	1161.4 ~~1162.8~~

					−		+	+			
					7.3 / 30.0	5.7 / 4	4.7 / 19.0	4.4 / 30.0			
~~1159.?~~	~~1157.8~~	~~1160.3~~	~~1160.8~~	~~1161.5~~	~~1162.6~~	~~1162.8~~	~~1164.2~~	~~1166.3~~	~~1167.0~~	~~1168.?~~	~~1169.5~~
10.6 / 300.0	10.6 / 250.0	10.1 / 200.0	9.6 / 150.0	8.9 / 100.0	7.8 / 50.0	7.6 / 4	6.2 / 1.0	4.1 / 50.0	3.4 / 100.0	2.3 / 150.0	0.9 / 200.0

Culverts

B.M.	2.98	1167.99	1165.01	
				1158.90
				1160.10

May 16, 1930 D. Parks, F. Ashcraft, C. Rand.
E. root 18" Maple Left sta 124+68

9.09	3.59	C 5.50	stake 37' N.W.
7.89	1.39	C 4.50	stake 37' S.E.

B.M	6.87	1171.88		1165.01	
124					1166.60
123					1168.60
	11.77	1181.59	2.06	1169.82	
122					1171.90
121					1175.40
120					1178.70
T.P.			2.20	1179.39	

E. root 18" Maple Left sta. 124+68

5.28	5.32	0.0 / 20.0	7.07	F1.8 / 21.0
3.28	1.74	C1.5 / 24.0	2.90	C0.4 / 21.0
9.69	7.90	C1.8 / 23.5	7.22	C2.6 / 24.5
6.19	5.16	C1.0 / 22.0	4.34	C1.8 / 23.5
2.89	2.20	C0.7 / 22.0	0.83	C2.1 / 25.0

Slope hub Lt. sta. 120+00 T.P. is punk in the ground 0.09 lower then Elev. given

T.P.	7.80	1187.19		1179.39	
119					1181.40
118					1183.20
T.P.	7.05	1191.87	2.37	1184.82	[illegible]
117					1185.10
116					1187.20
115					1189.20
T.P.	8.84	1198.29	2.42	1189.45	
114					1191.00
113					1192.80
B.M			1.11	1197.18	
	1.11	1197.06		1197.06	record
			2.80		

Void

Cloudy warm June 17 1930 D. Parks, T. Snyder

T.P. Hub has been Hit by a Tracktor & 1150.09 low

Slope hub Lt sta. 120+00

5.79	6.82	F1.0 / 20.0		3.86	F0.1 / 20.0
3.99	3.88	C0.1 / 20.0		5.10	F1.1 / 20.5
4.77	4.65	C2.1 / 22.0		4.88	C1.9 / 23.0
4.67	3.86	C0.8 / 22.0		3.65	C1.0 / 23.0
2.67	2.42	C0.3 / 21.0		1.68	C1.0 / 22.0
7.29	7.58	F0.3 / 20.0		4.97	C2.3 / 24.5
5.49	6.22	F0.7 / 20.0		3.74	C1.8 / 23.5

W. root 12" Maple Rt. sta. 112+30

Void

	2.08	1199.14		1197.06	
113					1192.80
114					1191.00
115					1189.20
116					1187.20
117	3.58	1190.46	12.24	1186.88	
117					1185.10
118					1183.20
119					1181.40
120					1178.70
	2.65	1199.71		1197.06	
111+35	Pipe	Culvert			
112					1194.60
111					1196.20
	4.46	1202.48	1.69	1198.02	
110					1197.80
109					1198.30
108					1197.80
107+44.7	Pipe	Culvert			
107					1197.40
106					1198.10
	4.71	1202.92	4.27	1198.21	
105					1198.80

Cloudy, Warm June 17, 1930 D. Parks, T. Snyder 51
rain from 12:45 till 2:00

W. root 12" Maple Rt. sta 112+30

		F0.9 / 20.0	4.71	C1.6 / 23.5
6.34	7.19			
		F0.4 / 20.0	5.96	C2.2 / 24.5
8.14	8.56			
		C0.1 / 21.0	9.07	C0.9 / 22.0
9.94	9.82			
		C0.7 / 22.0	11.04	C0.9 / 23.0
11.94	11.26			
		C2.0 / 22.0	3.58	C1.8 / 23.0
5.36	3.35			
		0.0 / 20.0	8.48	F1.2 / 20.5
7.26	7.23			
		F1.1 / 20.0	9.22	F0.2 / 20.0
9.06	10.18			
		C0.4 / 22.0	9.66	C2.1 / 25.0
11.76	11.15			

Stake 35' Lt C2.0 — Stake 30' Rt

1192.53 7.18 5.18 — 1193.36 6.35 2.35 C4.0

		F1.1 / 21.0	3.29	C1.8 / 23.0
5.11	6.20			
		F1.3 / 18.0	2.69	C0.8 / 22.0
3.57	4.77			
		F1.0 / 18.5	3.20	C1.5 / 23.0
4.68	5.64			
		F0.9 / 18.0	3.02	C1.2 / 22.0
4.18	5.12			
		F1.7 / 23.0	3.92	C0.8 / 18.0
4.68	6.37			

Stake 30' Lt. — Stake 30' Rt

1193.88 8.60 6.10 C 2'6" — 1194.63 7.85 2.85 C5.0

		F1.3 / 20.0	4.64	C0.4 / 21.0
5.08	6.36			
		F0.3 / 20.5	3.72	C0.7 / 22.0
4.38	4.64			
		F0.7 / 19.5	3.47	C0.7 / 22.0
4.12	4.78			

		1202.92			
T. P.			3.47	1199.45	
T. P.	2.47	1201.92		1199.45	
104					1197.80
103					1196.60
102					1195.60
101					1197.70
T P	8.54	1208.96	1.50	1200.42	
100					1199.80
99					1201.90
98					1203.50
97					1203.00
96					1202.00
95					1201.60
	3.91	1206.01	6.86	1202.10	
B. M.			1.90	1204.11	
94	1.98	1205.93		1204.03	
94					1202.50
	8.21	1211.26	2.88	1203.05	
93					1204.50
92					1206.50
91					1207.50
90+50					1208.00
	5.54	1213.58	3.22	1208.04	

Slope hub 22.0' Rt. Sta. 105+00

Cloudy Warm Showers
June, 18, 1930 D. Parks, T. Snyder

Slope hub 22.0' Rt. Sta. 105+00

4.12	6.34	F2.2 / 17.5	2.86	C1.3 / 23.0
6.32	8.13	F1.8 / 18.5	5.64	C0.7 / 23.0
6.32	8.44	F2.1 / 19.0	9.85	F3.5 / 21.5
4.22	3.85	C0.4 / 21.5	3.52	C0.7 / 22.0
9.16	7.14	C2.0 / 23.0	8.54	C0.6 / 23.0
7.06	6.20	C0.9 / 22.0	6.59	C0.6 / 21.5
5.46	9.18	C1.3 / 23.0	1.99	C3.5 / 26.5
5.96	4.99	C1.0 / 22.0	4.21	C1.8 / 23.5
6.96	7.78	F0.8 / 20.0	6.63	C0.3 / 21.0
7.46	9.20	F1.7 / 18.0	8.26	F0.8 / 20.0
3.43	4.39	F1.0 / 17.0	3.53	F0.1 / 21.0
6.76	5.87	C0.9 / 22.0	4.22	C2.5 / 24.0
4.76	5.31	F0.5 / 20.5	3.99	C0.8 / 22.5
3.76	4.05	F0.3 / 20.5	2.60	C1.2 / 22.0
3.26	3.83	F0.6 / 19.5	1.97	C1.3 / 23.0

1213.58

90

1208.50

T.P.

2.89 1210.67

5.08 5.79 $\frac{F\,0.7}{2\,2.0}$ 4.60 $\frac{C\,0.5}{2\,2.0}$

R.P. spike E. side 18" Maple

	3.06	1213.75		1210.69	
89+50					1208.70
89					1208.50
88					1207.50
87					1206.50
	4.19	1209.52	8.42	1205.33	
86					1205.50
85					1206.60
T. P.	1.90	1211.20	0.22	1209.30	
B.M.			6.24	1204.96	
	4.24	1211.11		1204.87	record
T.P	11.66	1220.87	1.90	1209.21	
84					1209.00
83					1213.50
	7.71	1226.50	2.06	1218.81	
82					1218.00
81					1222.00
80+50					1223.00
	2.34	1226.89	1.95	1224.55	
80					1222.00
79+50					1220.30
	0.28	1220.93	6.24	1220.65	
79					1218.40
78					1216.50
	8.52	1227.98	1.47	1219.46	

R.P. (spike) E side 18" Maple

5.05	4.41	C 0.6 / 21.5	1.53	C 0.5 / 21.0
5.25	5.47	F 0.2 / 21.0	4.28	C 1.0 / 23.0
6.25	5.92	C 0.3 / 21.5	5.85	C 0.4 / 20.0
7.25	8.95	F 1.7 / 20.0	7.96	F 0.7 / 20.0
4.02	2.80	C 1.2 / 23.0	4.71	F 0.7 / 20.0
3.02	4.72	F 4.7 / 20.0	5.30	F 2.3 / 19.0

B.M. E. root 24" Catalpa Rt. sta. 84+70

11.87	10.86	C 1.0 / 22.0	12.93	F 1.4 / 20.0
7.37	3.73	C 3.6 / 28.8	5.45	C 1.9 / 24.0
8.50	6.03	C 2.5 / 25.0	7.19	C 1.3 / 23.0
4.50	3.79	C 0.7 / 22.5	3.95	C 0.6 / 22.5
3.50	3.69	F 0.2 / 21.0	2.99	C 0.5 / 22.0
4.89	3.89	C 1.0 / 23.0	2.34	C 2.6 / 25.0
6.59	5.92	C 0.7 / 23.0	3.27	C 3.3 / 26.0
2.53	3.22	F 0.7 / 20.0	0.28	C 2.3 / 24.0
4.43	8.13	F 3.7 / 23.5	8.57	F 4.1 / 24.0

	B.S.	H.I.	F.S.	Elev	Grade Elev	Grade Rod	Rod Read		Rod	
		1227.98								
77					1217.30	10.48	12.24	F 1.8 / 18.0	12.99	F 2.5 / 20.5
76					1221.30	6.68	5.03	C 1.7 / 22.0	4.52	C 2.2 / 26.0
	11.11	1237.45	1.64	1226.34						
75					1227.30	10.15	6.58	C 3.6 / 26.0	5.92	C 4.2 / 28.0
74					1233.30	4.15	2.31	C 1.8 / 23.0	0.56	C 3.6 / 26.5
	5.49	1242.38	0.56	1236.89						
B.M.			5.43	1236.95		E. root 24" pine Left sta 73+16				
	5.43	~~1242.39~~ 1241.03		~~1236.96~~ 1235.60	record Corrected	Elevation				
73					1236.90	5.49	5.29	C 0.2 / 22.0	2.21	C 3.3 / 26.5
72					1234.50	7.89	4.77	C 3.1 / 21.0	3.60	C 4.3 / 22.5
71					1230.00	12.39	8.47	C 3.9 / 23.0	3.94	C 8.5 / 21.5
73			5.2	~~1237.2~~						
72			4.9	~~1237.5~~						
71			9.5	~~1232.9~~						
	1.34	1229.76 ~~1231.12~~	12.61	1228.42 ~~1229.78~~						
70			6.5	~~1224.7~~	1224.					
69			9.8	~~1221.4~~	1220.30					
68+30			8.7	~~1222.5~~	122					
68			8.4	~~1222.8~~	1220.30					
67			6.2	~~1225.0~~	1224.30					
	12.02	1240.57 ~~1241.93~~	1.21	1228.55 ~~1229.91~~						
66	0.01	[illegible]	8.7	~~1233.2~~	1230.30	11.11	1.10	C 6.7 / 50.0	8.96	[illegible] 1.0
65			2.6	~~1239.3~~	1236.00	10.24	2.00	C [illegible] / 25.0	8.36	21.0
	7.05	1247.23 ~~1248.59~~	6.39	1240.18 ~~1241.54~~						

		1247.23 ~~1248.57~~								
			5.6	1243.0 1243.12						
B.M.			4.11	~~1244.43~~						
				1241.43	record					
	4.81	1246.24								
64					1240.10					
63					1242.50					
62			1.90		1244.74					

R.P. spike S.W. side 24" Hemlock Rt. 64+13
1243.12 Corrected elevation

6.14	5.06	C. 1.1 21.5	6.65		FO.5 20.0
3.74			4.75		F 1.0 20.5
1.50	1.90	F.0.4 ~~18.5~~	C 1.5 0.0.00	00	C 1.5 24.0

72					
71					
70	9.69	1232.06			1224.00
			0.20	1222.37	
69					1220.30
68	1.54	1222.57			1220.30
			12.70	1221.03	
					1224.30
+67.88					
	5.34	1233.73	13.05	1228.39	1224.72
66					1230.30
	0.01	1241.44		1241.43	record
65					1236.00
B.M.	4.81	1246.24		1241.43	- record
64					

8.06	8.43	F 0.4 T 9.0	2.85	C 5.2 T 8.5
2.27	5.82	F 8.6 T 1.0	4.81	F 2.6 T 1.0
2.27	4.25	F 2.0 T 0.0	3.49	F 1.2 T 8.0
9.43	8.61	C 0.8 F 2.0	10.85	F 1.4 T 2.5
9.01	10.86	C 1.72 T 3.0	10.50	F 1.5 T 9.5
11.14	4.10	C 6.1 T 0.0	8.96	C 2.2 T 4.0
10.24	8.00	C 2.2 T 5.0	8.36	C 1.9 T 4.0

Notes run from Bottom up.

BM	0.32	1319.75			1319.43
1				1314.95	
2				1312.70	
T.P.			8.34	1311.41	
3	1.62	1313.03		1309.70	
4				1307.10	
5				1305.10	
6				1303.50	
T.P			9.96	1303.07	
7	1.81	1304.88		1301.90	
8				1300.30	
9				1298.55	
10				1295.95	
			10.54	1294.34	
11	1.97	1296.31		1293.55	
BM			1.81	1294.50	
12				1293.45	

4.80	3.26	C 1.5 / 23.0	3.32	C 1.5 / 23.0
7.25	5.86	C 1.4 / 23.0	6.39	C 0.9 / 22.0
3.33	1.08	C 2.2 / 23.5	1.54	C 1.8 / 22.5
5.93	6.62	F 0.7 / 21.0	6.01	F 0.1 / 20.5
7.93	8.60	F 0.7 / 20.0	9.23	F 1.3 / 18.5
9.53	8.67	C 0.9 / 22.0	9.62	F 0.1 / 21.0
2.98	0.88	C 2.1 / 24.0	2.42	C 0.6 / 21.5
4.58	3.36	C 1.2 / 22.5	2.68	C 1.9 / 23.5
6.33	5.35	C 1.0 / 22.5	4.21	C 2.1 / 23.5
8.93	8.33	C 0.6 / 19.5	5.33	C 3.6 / 26.0
2.76	4.28	F 1.5 / 20.0	3.23	F 0.5 / 20.0
2.86	4.88	F 2.0 / 19.5	5.24	F 2.4 / 19.5

BM	7.09	1301.54		1294.45	record					
13					1295.20	6.34	2.93	C 3.4 / 26.5	8.09	F 1.6 / 24.0
14					1297.20	4.34	0.65	C 3.7 / 27.5	2.73	C 1.6 / 24.0
15					1299.20	2.34	2.31	C 0.9 / 21.5	2.69	F 0.3 / 20.5
T.P.	2.02	1302.78	0.78	1300.76						
16					1299.20	3.58	1.77	C 1.8 / 24.5	2.73	C 0.9 / 22.5
17					1297.20	5.58	2.78	C 2.8 / 26.0	6.51	F 0.9 / 19.0
T.P.	8.63	1303.57	7.84	1294.94						
18					1295.45	8.12	9.02	F 0.9 / 18.5	10.12	F 2.0 / 20.5
19					1295.20	8.37	9.61	F 1.3 / 20.0	10.67	F 1.3 / 20.0
20					1296.40	7.17	5.58	C 1.6 / 24.0	4.30	C 2.9 / 25.5
21					1298.80	8.51	6.04	C 2.5 / 25.0	5.77 2.78	C 2.0 / 24.5
	8.32	1307.31	4.58	1298.99						
22					1301.00 record	6.31	5.05	C 1.3 / 23.5	5.81	C 0.5 / 22.0
BM			3.72	1303.59	1303.69					
23					1302.20	5.11	3.95	C 1.2 / 20.5	4.89	C 0.3 / 19.5
E.M.	5.13	1308.82		1303.69	record	Void				
24					1302.70	6.12	3.21	C 2.9 / 22.5	4.06	C 2.1 / 21.5

		1308 82							
25					1300.70	8.12	5.51	C2.6 / 23.0	4.86	C3.3 / 24.0
26					1298.40	10.42	9.43	C1.0 / 20.5	7.08	C3.3 / 23.5
27					1298.00	10.82	10.01	C0.8 / 20.0	10.62	C0.2 / 20.0
28		01d			1298.80	10.02	9.02	C3.4 / 23.0	7.82	C2.7 / 23.0
T.P.	6.52	1306.06	9.28	1299.54						
29					1299.40	6.66	2.45	C4.2 / 24.5	3.90	C2.7 / 22.0
30					1298.90	7.16	5.55	C1.6 / 21.0	6.30	C0.8 / 20.5
31					1299.20 / 1298.54	6.86	5.00	C1.8 / 21.5	6.14	C0.7 / 20.5
B.M.			5.81	(1300.25)	record					
32					1300.00					
33					1300.20					
34					1299.30					
35					1298.00					
36					1297.00					

July 1 1930 — David R. Parks
Showers in forenoon — D.T. Snyder
Warm wind in Afternoon

B.M. 22	1308.07	4.38		1303.69	
			7.0	1300.6	
23			5.6	1302.5	
24			4.1	1304.1	
25			6.4	1301.7	
26			8.5	1299.6	
27			9.3	1298.8	
28			8.8	1299.3	
29			6.9	1301.2	
T.P.	3.03	1304.31	6.79	1301.28	
30			4.6	1299.71	
			4.04	1300.27	
	4.04	1302.61		1298.57	record
31					1299.20
30					1298.90
29					1299.40
	8.19	1306.43	4.37	1298.24	
28					1298.80
27					1298.00
26					1298.40
25					1300.70
24					1302.70
23					1302.20

Bent spike E. Root 12" Maple Left sta 22170

B.M. N.W. Root 18" Maple Right sta 31+98 (record 1298.57)

		C 0,2 / 21,5		F 1,0 / 20,5
3,41	3,24		4,39	
3,71	3,83	F 0,1 / 21,0	4,52	F 0,8 / 20,0
3,21	0,68	C 2,5 / 24,5	2,12	C 1,1 / 22,0
		C 1,7 / 23,0		C 1,0 / 23,0
7,68	5,89		6,64	
8,43	9,32	F 0,9 / 20,0	9,89	F 1,5 / 20,0
8,03	8,78	F 0,8 / 20,0	6,40	C 1,6 / 23,5
5,73	4,84	C 0,9 / 23,0	4,16	C 1,6 / 24,0
3,73	2,57	C 1,2 / 22,5	3,36	C 0,4 / 21,5
4,23	4,65	F 0,3 / 20,5	5,56	F 1,3 / 19,5

B.M.	6.01	1304.58		1298.57	
32					1300.00
33					1300.20
34					1299.30
35					1298.00
T.P.	7.79	1303.63	8.74	1295.84	
36					1297.00
37					1296.10
38					1295.70
	5.77	1305.98	3.62	1300.01	
39					1297.80
40					1300.00
41					1301.60
42					1303.00
	4.18	1307.68	2.48	1303.50	
43					1303.60
B.M.			3.98	1303.70	
	3.98	1307.70		1303.72	record
44					1302.80
45					1301.10
46					1297.70
	2.38	1299.85	10.23	1297.47	
47					1294.30
48					1291.90
49					1291.00

N.W. root 18" Maple right sta. 30+98

4.58	1.91	C2.7 / 26.5	4.00	C0.6 / 20.5
4.38	4.08	C0.3 / 22.0	5.67	F1.3 / 20.5
5.28	1.33	C4.0 / 25.5	6.16	F0.9 / 20.0
6.58	8.34	F1.8 / 17.0	8.70	F2.1 / 19.0
6.63	1.57	C5.1 / 25.5	8.20	F1.6 / 20.5
7.53	5.88	C1.7 / 23.0	10.60	F3.1 / 20.5
7.93	9.57	F1.7 / 19.0	11.15	F3.2 / 20.0
8.18	6.48	C1.7 / 22.0	5.97	C2.2 / 26.0
5.98	4.97	C1.0 / 23.0	5.92	C0.1 / 21.0
4.38	2.76	C1.6 / 23.5	4.16	C0.2 / 22.0
2.98	2.20	C0.8 / 22.5	3.26	F0.3 / 21.0
4.08	3.82	C0.3 / 21.0	5.14	F1.1 / 20.0

R.P. spike, N.W. side 10" Maple Right 43+20

4.90	4.39	C0.5 / 22.0	5.73	F0.8 / 20.0
6.60	4.33	C2.3 / 24.5	4.61	C2.0 / 24.0
10.00	7.71	C2.3 / 24.0	7.02	C3.0 / 26.0
5.55	6.89	F1.3 / 19.0	5.27	C0.3 / 21.5
7.95	9.32	F1.4 / 19.5	10.41	F2.5 / 20.5
8.85	8.95	F0.1 / 21.0	9.00	F0.2 / 24.5

		1299.85			
	4.62	1295.47	9.00	1290.85	
50					1289.00
T.P.			9.82	1285.65	

6.47	5.78	C 0.7 / 22.0		5.14	C 1.3 / 23.0		

Slope Hub right sta 51

	0.51	1284.16		1285.65	
51					1285.00
52					1280.60
53					1275.40
	0.88	1274.11	12.93	1273.23	
54					1270.00
55					1266.30
56					1261.80
	0.25	1261.42	12.74	1261.17	
57					1258.40
58					1256.30
59					1253.70
60					1251.00
	0.63	1254.60	7.45	1253.97	
61					1247.80
62			10.2		
63			12.3		
	2.92	1245.44	12.88	1242.52	
B.M.			3.95	1241.49	
				1241.43	record
T.P	1.64	1287.29		1285.65	
	0.13	1276.97	10.45	1276.84	
	3.05	1269.37	10.65	1266.32	
B.M.			9.11	1260.26	
				1260.19	record

July 2 1930 D. R. Parks
cloudy T. Snyder

Slope Hub right sta. 51+00

		F0.2		C0.7
1.16	1.34	19.5	0.51	22.0
		C1.3		C1.2
5.46	4.38	23.5	4.50	23.5
		F0.8		C3.9
10.76	11.59	20.0	6.84	26.0
		F2.1		C2.4
4.11	6.22	19.5	1.71	24.5
		F2.5		C1.0
8.81	11.32	18.0	7.79	23.0
		F0.3		C0.1
12.31	12.61	19.0	12.26	22.0
		F0.3		F0.2
3.02	3.31	21.0	3.19	21.5
		F0.8		C3.4
5.12	5.94	19.0	1.68	25.0
		F0.4		C2.6
7.72	8.11	20.5	5.14	24.5
		C0.4		C3.0
10.42	10.07	22.0	7.44	26.0
		F0.5		C2.9
6.80	7.33	20.0	3.91	24.5

S. W. side 24" pine Rt. sta. 64+13

Slope Hub right sta 51+00

Spike S.W. side wild Cherry Rt., sta. 56+70

Tile drain

(B.M.)	10.03	1251.46	1241.43	
62+50				1241.50
62				1242.70
61+50				1244.25
61				1245.80
60+50				1247.10

S. W. side 24" Pine Right sta 64+13

9.94	7.58	$\frac{C2.38}{20} = C2'4\frac{9}{16}"$
8.74	5.57	$\frac{C3.19}{20} = C3'2\frac{1}{4}"$
7.21	2.84	$\frac{C4.37}{20} = C4'4\frac{7}{16}"$
5.66	1.74	$\frac{C3.92}{20} = C3'11"$
4.06	0.00	$\frac{C4.06}{20} = C4'\frac{3}{4}"$

B.M. 57+75	2.77	1262.96		1260.19
T.P. 48+08	10.76	1296.41		1285.65
B.M.	4.07	1307.79		1303.72
	3.61	1299.88	11.52	1296.27
37+89				
	5.24	1302.67	2.55	1297.33
35+07				

S.W. side Wild Cherry Right, sta ~~56~~+70

1253.45 9.51 6.51 C3'0" Stake 30' Left

1254.95 8.01 2.51 C5'6" Stake 30' Right

Slope Hub right sta. 57+00

1288.76 7.65 4.65 C3'0" Stake 30' Left

1287.29 9.12 6.62 C2'6" Stake 30' Right

R.P. spike N.W. side 10" Maple Right 43+20

1292.28 7.60 4.60 C3'0" Stake 30' Left

1290.77 9.11 6.11 C3'0" Stake 30' Right

1294.20 8.47 4.47 C4'0" Stake 30' Left

1292.84 9.83 6.83 C3'0" Stake 30' Right

B.M	5.35	1303.92	1298.57
30+36.4			
B.M.	3.94	1302.51	1298.57
27+06			
B.M.	0.94	1304.63	1303.69
18+30			

(30+98)
N.W. Root 18" Maple Right Sta 31+98

1296.67 7.25 3.25 C4'0" Stake 30' Left

1295.84 8.08 5.08 C2'6" Stake 30' Right

(30+98)
N.W. Root 18" Maple Right Sta. 31+98

1295.48 7.03 4.53 C2'6" Stake 30' Left

1294.64 7.87 4.87 C3'0" Stake 30' Right

Bent spike E. root 12" Maple Left Sta 22+70

1292.63 12.00 8.00 C4'0" Stake 30' Left

1291.88 12.75 10.25 C2'6" Stake 30' Right

July 10, 1930 D. Parks, C. Rand, T. Snyder

B.M.	4.66	1169.67		1165.01	
125					1164.70
124					1164.60
123					1168.60
	9.94	1178.54	1.07	1168.60	
122					1171.90
121					1175.40
120	10.53	1186.03	3.04	1175.50	
120					1178.70
119					1181.40
	10.34	1192.82	3.55	1182.48	
118					1183.20
117					1185.10
116					1187.20
115					1189.20
114					1191.02
	7.80	1198.81	1.81	1191.01	
113					1192.80
B.M.			1.74	1197.07	
	1.74	1198.80		1197.06	record
112					1194.60
111					1196.20
110					1197.80
T.P.			1.00	1197.80	

Finish Grade

E. root 18" Maple Left, Sta. 124+68

4.97	4.94	0.0
3.07		
1.07		
6.64		
3.14		
7.33		
4.63		
9.62		
7.72		
5.62		
3.62		
1.82		
6.01		

W. root 12" Maple 25' Rt sta 112+30

(Plans shows 1179.06) (Book shows 1197.06)

4.20		
2.60		
1.00		

finish Grade stake Rt, sta 110

July 11, 1930 D. Parks, E. Belding, T. Snyder

Warm West Wind

T.P.	4.98	1202.78		1197.80	
109				1198.30	finish Grade stake Rt, sta 110 4,48
108				1197.80	4,98
107				1197.40	5,38
	5,45	1202,84	5.39	1197.39	
106				1198,10	4,74
105				1198.80	4,04
104				1197.80	5,04
103				1195.60	7,24
102				1195.60	7,24
101				1197.70	5,14
	8,53	1206,20	5.17	1197.67	
100				1199.80	6,40
99				1201,90	4,30
98				1203,50	2,70
97				1203,00	3,20
B.M			2,15	1204,05	W. Root 30" Maple Right sta 96+50
	2,15	1206,18		1204.03	record
96					1202.00 4.18
95					1201,50 4,68
	6,54	1208.03	4,69	1201,49	
94				1202,50	5,53
93				1204,50	3,53
	8.39	1212,89	3,53	1204,50	finish Grade stake Lt, sta, 93
92				1206,50	6,39

		1212.89			
91				1207.50	
90+50				1208.00	
90				1208.50	
	3.86	1212.87	3.88	1209.01	
89+50				1208.70	
89				1208.50	
88				1207.50	
87				1206.50	
	3.80	1210.30	6.37	1206.50	
86				1205.50	
85				1206.50	
B.M			5.41	1204.89	
				1204.87	record

1208.00	4.89	1207.00	5.89
1208.50	4.39	1207.50	5.39
1209.00	3.89	1208.00	4.89
1209.20	3.67	1208.20	4.67
1209.00	3.87	1208.00	4.87
5.37			
6.37			
4.88			
3.80			

(W.) E. root 24" Catalpa Right Sta 84+70

July 12, 1930 D. Parks, T. Snyder, E. Belding
Fair 80°

B.M.	7.48	1212.35		1204.87	
84					1209.00
	8.34	1220.17	0.52	1211.83	
83					1213.50
82					1218.00
	8.15	1226.10	2.22	1217.95	
81					1222.00
80+50					1223.00
80					1222.00
79+50					1220.80
79					1218.40
	5.85	1223.95	8.00	1218.10	
78					1216.50
77					1217.50
76					1221.30
	7.92	1231.68	0.19	1223.76	
75					1227.30
	8.36	1239.48	0.56	1231.12	
74					1233.30
B.M.			2.55	1236.93	
	4.43	1241.39		1236.96	record
73					1236.90

E. root 24" Catalpa Right Sta 84+70

3.35				
6.67				
2.17				
1221.50	4.60	1222.60	3.60	
1222.50	3.60	1223.60	2.60	
1221.50	4.60	1222.50	3.60	
1219.80	6.30	1220.80	5.30	
1217.90	8.20	1218.90	7.20	
7.45				
6.45				
2.65	Stake on Lt 1.65 C1.0		Stake on Rt 1.65 C1.0	
4.38				
6.18				

E. root 24" Pine Left Sta. 73+15

	Stake on Lt		
4.49	5.49 F1.0		

B.M.	1.80	1243.23		1241.43		S. W. side 24" pine Rt. sta 64+13
65					1236.00	7.23
	1.51	1236.27	8.47	1234.76		
66					1230.30	5.97
	0.47	1228.61	8.13	1228.14		
67					1224.30	4.31
68					1220.30	8.31
69					1220.30	8.31
70					1224.00	4.61
	7.58	1235.61	0.58	1228.03		
71					1230.00	5.61
72					1234.50	1.11

3.11 F 2.0 2.61 F 1.5

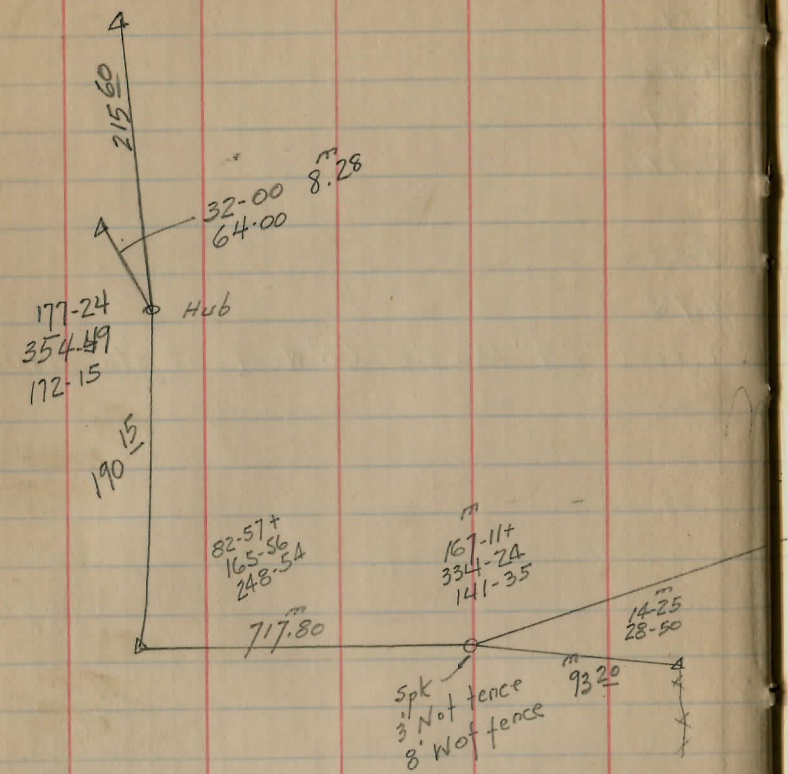
B.M.	5.85	1247.28		1241.43		S.W. Side 24" pine Right Sta. 64+13
64					1240.10	7.18
63					1242.50	4.78
62					1244.70	2.58
	12.32	1259.55	0.25	1247.03		
61					1247.80	11.75
60					1251.05	8.55
59					1253.70	5.85
58					1256.30	3.25
57					1258.40	1.15
	9.91	1269.19	0.27	1259.28		
B.M.			8.97	1260.22		Spike, S.W. side Wild Cherry Rt. sta 56+70
	8.97	1269.16		1260.19	record	
56					1261.80	7.36
55					1265.30	3.86
	12.36	1280.37	1.15	1268.01		
54					1270.00	10.37
53					1275.40	4.97
	10.88	1290.50	0.75	1279.62		
52					1280.50	10.00
51					1285.00	5.50
50					1289.00	1.50
T.P.	9.16	1298.16	1.50	1289.00		Finish Grade Stake Rt. sta 50
49					1291.00	7.16
48					1291.90	6.26

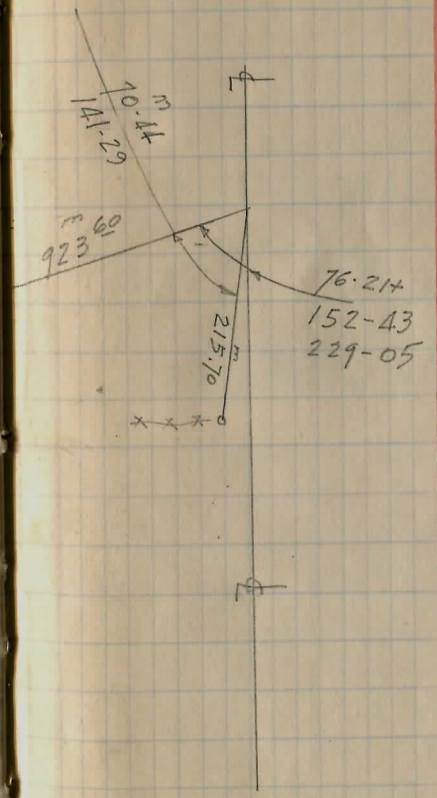
		1298.16				
47					1294.30	3.86
46					1297.70	0.46
	8.83	1306.56	0.43	1297.73		
45					1301.10	5.46
44					1302.80	3.76
43					1303.60	2.96
B.M.			2.87	1303.69		R.R. Spike, N.W. Side 10" Maple Rt., 43+20
				1303.72	record	

B.M	4.37	1308.09		1303.72		P.P. Spike N.W. side 10" Maple Rt. 43+20
42					1303.00	5.09
41					1301.60	6.49
40					1300.00	8.09
39					1297.80	10.29
	3.96	1301.79	10.24	1297.83		
38					1296.70	6.09
37					1296.10	5.69
36					1297.00	4.79
35					1298.00	3.79
34					1299.30	2.49
33					1300.20	1.59
32					1300.00	1.79
T.P.	3.98	1303.98	1.79	1300.00		finish Grade stake Rt. sta. 32
31					1299.20	4.78
B.M			5.38	1298.60		N.W. root 18" Maple right sta 31+98 (30+98)
	5.38	1303.95		1298.57	record	
30					1298.90	5.05
29					1299.40	4.55
28					1298.80	5.15
27					1298.00	5.95 Lt
	8.66	1305.76	7.85	1296.10		
27					1298.00	7.76 Rt
26					1298.40	7.36
25					1300.70	5.06

		1306.76				
24					1302.70	3.06
23					1302.20	3.56
B.M.			3.73	1302.03		Bent spike E. root 12" Maple Lt. 22+70
	3.73	1307.42		1303.69	record	
22					1301.00	6.42
	2.10	1303.11	6.41	1301.01		
21	2.10			1298.80	1298.80	4.31
20					1296.70	6.71
19	6.71			1296.50	1295.20	7.91
18					1295.45	7.66
17				1295.20	1297.20	5.91
	5.53	1302.73	5.91	1297.20		
16					1299.20	3.53
15					1299.20	3.53
14					1297.20	5.53
13					1295.20	7.53
12					1293.45	9.28
	7.23	1300.27	9.69	1293.04		
11					1293.55	6.72 B.M. at 11+02 Has been ruined
10					1295.75	4.32
9					1298.55	1.72
8	9.99	1302.52	1.74	1298.53		
8					1300.30	8.22
7					1301.90	6.62
6	7.27	1310.69	5.10	1303.42		

		1310.69				
6					1303.50	7.19
5					1305.10	5.59
4					1307.10	3.59
3					1309.70	0.99
	11.43	1321.13	0.99	1309.70		
2					1312.70	8.43
1					1314.95	6.18
B.M			1.67	1319.46		E. root 24" Maple 60' West of sta 0+00
				1319.43	record	


215.60
32-00
64.00
8.28
177-24
354-49
172-15
Hub
190.15
82-57+
165-56
248-54
717.80
167-11+
334-24
141-35
14-25
28-50
93.20
Spk
3' N of fence
8' W of fence


10.44
141-29
923.60
76.21+
152-43
229-05
215.70

EDWARDS SHEET METAL WORKS, INC.

Brakeman Rd culverts

11+75	3x3 stone & conc 28.5'	28.5
18+30	24"x 40'	Rust End
27+06	15"x 36'	Rust Ends
30+36	15"x 36'	Good N. Cleaned
35+07	15"x 44'	Rust Bent W End
37+89	18"x 40'	Rust-W. End Bent
48+08	15"x 40'	Rust - needs clean Rusted
57+75	15"x 48' 30° skew	
78+04	4x4x35 stone & conc	
85+23	~~3x3~~ 5x35 x 34 stone & conc	
95+19	3x3x33 " "	Stone sliping & 9' W End
102+21	3.5x3x34 - OK " "	
107+45	15"x 40' - Rusted	
111+35	15"x 36' - Rusted	
118+53	2'8"x3'x 30' Stone & conc	¼ Full of silt
125+12.65	4'x3'x 49.6' conc 45° skew	Headwall cracked East End; needs cleaning

EDWARDS SHEET METAL WORKS, INC.
FREDERICKTOWN, OHIO
PHONE MYRA 4-5581
H. E. BIEFNES
W. M. JAMES

CORRUGATED METAL PIPE

WINDOW WELLS STRUCTURAL STEEL BRIDGES

MEETS STATE AND FEDERAL REGULATIONS

18+30 Not too good

27+06 " " "

30+36 " " "

35+07 OK

37+89 W end rusted
Not too bad

48+08 W end bent in
E end rusted
Need to cut

57+75 Not bad

68+04 3½ x 4 x 21.5
OK

15' or less paint 200' ea ~~side~~ side

QUICK DELIVERIES BY TRUCK

EDWARDS SHEET METAL WORKS, INC.
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CORRUGATED METAL PIPE

WINDOW WELLS STRUCTURAL STEEL BRIDGES

MEETS STATE AND FEDERAL REGULATIONS

78+04 OK 16' part

85+23 OK

95+19 OK 15.5' part

102+21 OK 14.5' part

107+45 not too good

111+35 " " "
15'- part

118+53 OK 15'- part

#22
1955

WILLIAM R. McGARRY
1256 Perkinswood Boulevard, S. E.
Warren, Ohio
Telephone: WArren 36965

11+75 3 x 3 x 28.5 STONE BOX

SHORT END EAST LONGER WEST
North FROZEN STONE SHOWING IN
CAPSTONE SETTLED. PAVEMENT SHOWS
WEAKNESS. LOTS MUD CLEAR OUTLET NE

18+30 24" COR IP x 40
BOTTOM WEST END RUSTED THRU
SHOULD HAVE BEEN SKEW NW - SE
CLEAR BOTTOM ROCKS →

27+06
15" x 36' COR. IP
RUSTED W END - CLEAR →

30+36 15" x 36' COR IP CLEAR
RUSTED BOTH ENDS →

35+67 15" x 44' COR IP CLEAR →
RUSTY SIDES EAST END

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37+89 18"x40' COR. I.P. BOTTOM RUSTED OUT ON WEST END MUDDED UP 1/4 →

48+08 15"x40' COR. I.P. RUSTY →
EAST END UNDERCUT, W. END BATTERED -
RUSTY & ALDER TREE UNDER · OVER & AROUND

57+75 15"x48' SKEW COR. I.P. BE NW RUSTY
FLOWS N.W. ACROSS ROAD. NATURAL FLOW ↖
OBSTRUCTED BY WILLERS. H_2O POCKETS TOLL
DEEP TO OVERFLOW N ALONG ROAD DITCH

65+04 CONC SLAB TOP ON STONE WALLS
LOOKS OK BUT TOO DAMN SHORT. 4x4x21.5 O to O
Hdg FLUSH TO PAVEMENT. INSUFFICIENT SAFETY
- Spring FED CREEK DEEP OFF ROAD ⇐

78+04 5' WIDE x 3 x 35 CONC TOP - WALL - WINGS
OK ←

WHERE CURVES ? ???

815+23 ± 3x3x34 FILTHY CESS POOL - NEED
SANITARY ENGINEER FIRST. PROBABLY NEEDS
REBUILDING. CLEAN OUTLET F/O NW ↖
(JUNA?)

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Warren, Ohio
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118+53 2.8' WIDE 1.5 FOOT CLEARANCE TO MOD
SLABS FALLEN IN NEAR CENTER
PROBLY SPRINGED FLOW WEST

125+126.5

STOP MARK 125+12.6
MINUS 9.5
125+03.1

TR475

75APR

WILLIAM R. McGARRY
1256 Perkinswood Boulevard, S. E.
Warren, Ohio
Telephone: WArren 36965

249' N.S.D. over POT 15+00

270' N.S.D. over POT 24+00

351' " " POT 43

288' " POT 49+50

396' " 64+50

186' " 75+0

204' (Bad Horizontal 80+0
NEED SIGNS TOO

Hgwy OK. & Trees Trimmed 90+08!
NEED SIGNS

Zanesville OH