

6.89  
 337.65  
 318.80  
 20.85  
 15.80  
 5.05  
 78.28

14  
 14 2 1/2  
 14 6 2/3  
 14 1 1/3  
 14 2 3/4  
 37 1/4

26  
 159

	Aug 13	14	15	17	19	20	21	22	24	25	Sept 1
	Thu	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue
W D Montgomery							1/2	1/2	1/2	1	1/2
W D Keller											
Harry Kilgore			1/2								
William Smucker						1/2	1/2	1/2	1		
William Downing						1/2	1/2	1/2	1	1/2	
Emery Smucker			1/2								
Arthur Raabek			1/2								
Henry Zimmer											
Harry Tyson											
Tom Hamphill										1/2	

Miles  
 Dinners

60 Stations on Aug 13  
 80 Stations on Aug 14  
 53 Stations  
 71 Stations  
 52  
 25

80 Miles  
 250 Miles  
 200 Miles  
 200 Miles  
 38 Miles  
 80 Miles  
 250 Miles  
 200 Miles  
 20 Miles

Common station  
 46 Station  
 12 Station + Dutch

INDEXED ON MAP  
 9/1/9

8.45  
 480  
 45  
 525  
 138  
 4500  
 578  
 828  
 5449.50

422  
 185  
 916.60  
 1002.41

Waste Water  
 Top Con-crete  
 State Leaking

203  
 264.4

at roadway  
 concrete well

edge of pavement

1+00

Water level

3+00

4+00

5+00

6

6+00

7+00

8+00

9+00

10+00

11+00

12+00

13

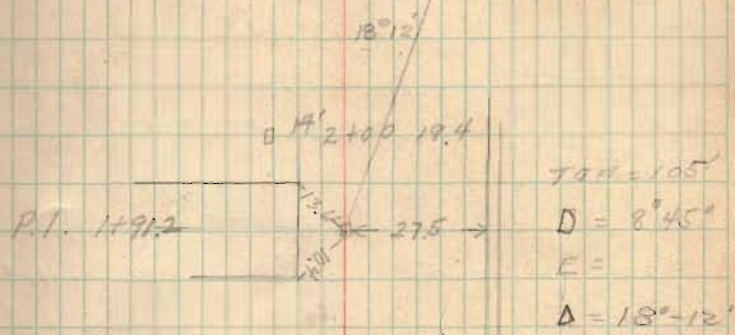
on road  
 entrance

5.08	99.41		
6.78	98.66		
6.66	98.18	98.78	C 1.15
9.24	95.20		
6.53	99.91	99.91	C 2.23
5.40	99.04	99.11	
5.22	99.22	99.20	Grade
5.08	99.36		C 1.6
5.10	99.30		
4.95	99.49		C 2.4
3.72 0.3.21	3.90	99.31	99.2
4.45	98.76		F 0.47
4.74	98.97		F 0.73
4.29	98.92		F 1.23
4.31	98.90		F 1.30
3.91	99.30		C 1.8
4.05			
3.78		99.20	

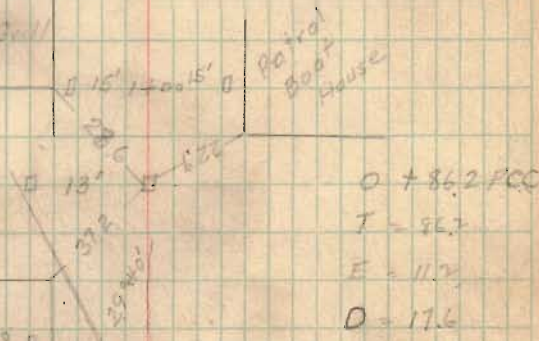
13 WE Burdick  
 99.01  
 96.60  
 5.80

95.20  
 49.20

2  
 98.91  
 95.60  
 20



Lake Side  
 Soda Grill



INDEXED ON MAP  
 9/19

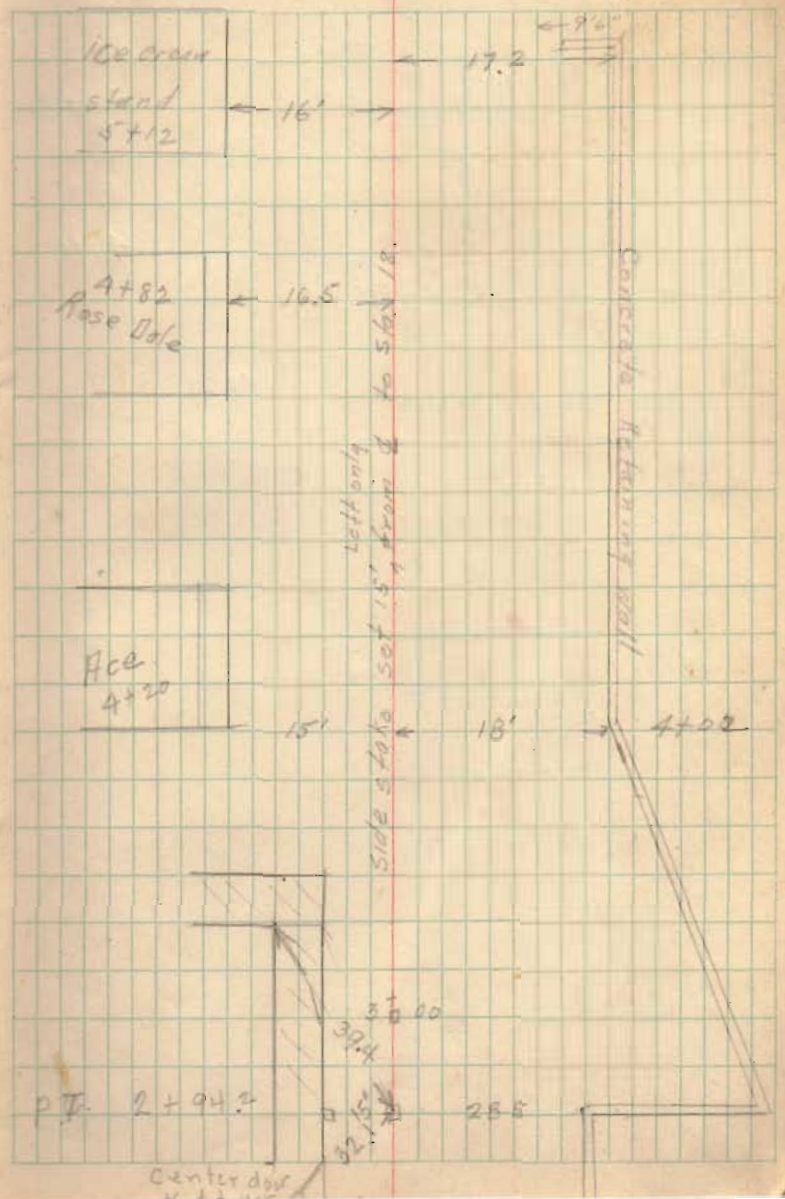
INDEXED ON MAP

9119

0286

14+00		375	99.21		
15+00		386	99.10		
16+00		792	95.14		
17+00		376			
18+00		268	00.28	9920	C 1.08
19+00		200	00.96		C 1.76
20+00		329	99.68		C 0.48
21	413 03.21	377	99.83		C 0.63
22		451	99.30		C 0.10
23		408	99.73		C 0.53
24		459	99.22		Grade
25		495	98.86		F 0.34
26		495	98.86		F 0.34
27		520	98.61		F 0.59
28	478 03.39	427	99.12		F 0.08
29		392	99.47		C 0.27
30		478	98.61		F 0.59
31		823	95.16		
32		459	98.80		F 0.40
33		436	99.03		F 0.17
34		417	99.12		F 0.08

55v  
0464



0464

34	569	9895	F. 26
35	591	9872	F. 29
35	1204	9260	9920 9.60
36	1221	9243	8.77
37	955	9509	9.11
TP 38	570	9894	

459  
63.52

39 99.20

40 430

41

42

43

44

45 438 99.14

645  
05.59

INDEXED ON MAP

9119

Mary Bell  
8+29 ← 16.8 →

8+00 19.4

Sweet  
Maria  
7+64 ← 15.9 →

Lookout  
7+32 ← 16.1 →

7+00 18.0

Ocala  
6+30 ← 17.0 →

Middletons  
6+31 ← 17.1 →

6+00 17

Wood Retaining Wall

11+00 18.7

Middlebas 10+78	17.5
--------------------	------

The Middleton 10+18.	← 17.4 →
----------------------------	----------

10+00 19.1

Clarks #4 9+81	18.0
-------------------	------

Clarks 9+28	← 19.7 →
----------------	----------

19+00 18.8

9+75	← 16.2 →
------	----------

Wood Retaining Wall

INDEXED ON MAP

9/19

15+00 19.8

Edwardia

14+30 ← 16.7 →

14+00 20.3

13+00 19.6

12+00 19.4

Wood retaining wall

Joe Gray	←	21.3
4+75		

Catherine		17.6
11+19		

INDEXED ON MAP

9/19

16+65  
0+86  
26+51

18 20+00 20.6

18 19+00 21.7

18 18+00 20.5

Slide surface 18' x 18' x 34' x 100'

Wood Restaurant

17+55

Park  
Landing  
17+27

E Stephenson St  
16+65

INDEXED ON MAP  
9/19

16+19

Park  
Restaurant

19' 16+00 20

Wood Restaurant

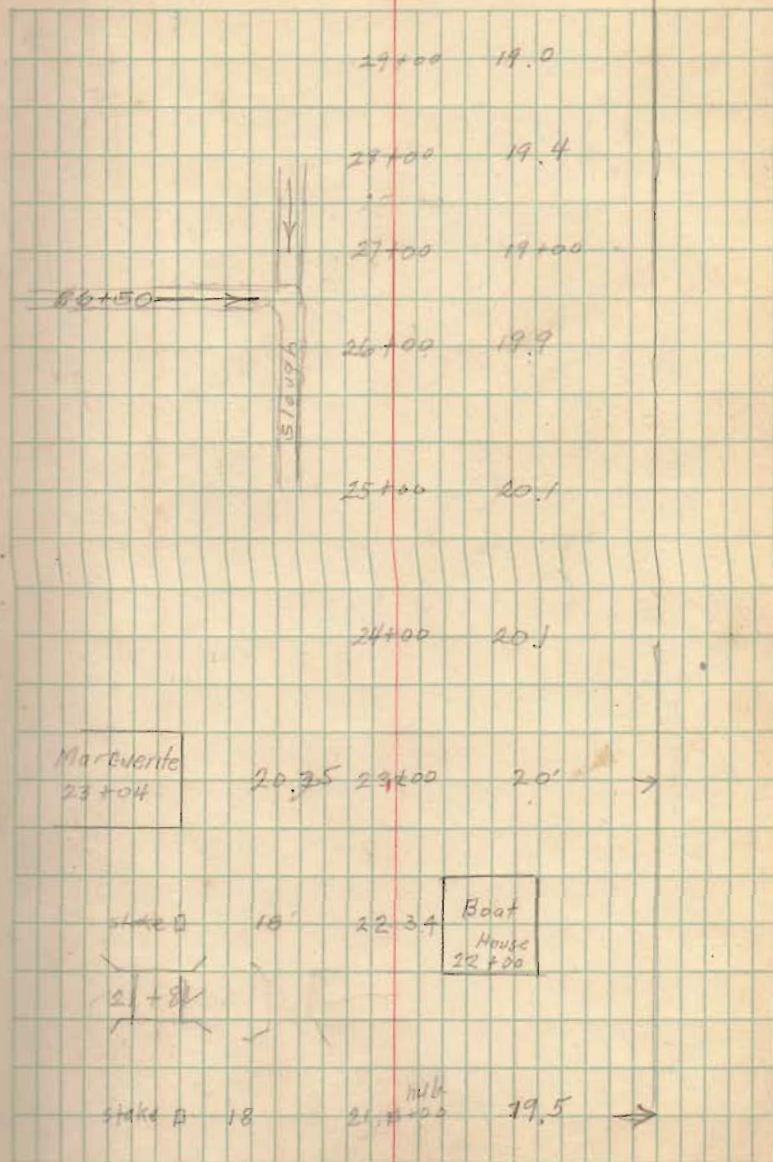
$$\begin{array}{r} 21+81 \\ + 66 \\ \hline 22+47 \end{array}$$

INDEXED ON MAP

9/19

30+50 18.7 →

8





692 30

5° 36'

$$\begin{array}{r} 16.46 \\ 5.6 \\ \hline 11.86 \\ 5 \\ \hline 6.40 \end{array}$$

1.40  
37.00  
53.0

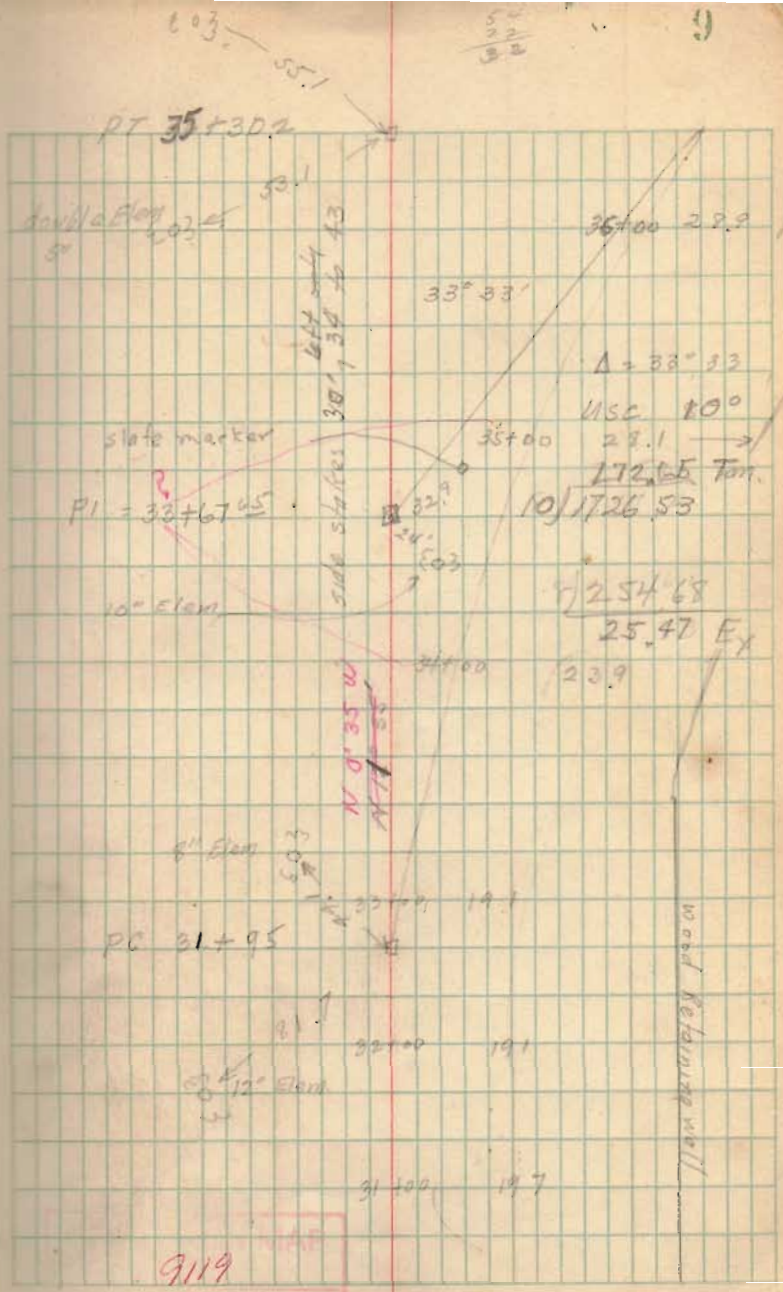
32+95

$$\begin{array}{r} 32+95 \\ 1.7265 \\ \hline 33,6765 \end{array}$$

$$\begin{array}{r} 248 \\ 346 \\ \hline 594 \\ 78 \\ \hline 672 \end{array}$$

38° 24.8  
2.66  
30.8

$$\begin{array}{r} 1657.2 \\ 1731.5 \\ 1724.4 \\ \hline 7.1 \\ 2.13 \\ \hline 1726.53 \end{array}$$

$$\begin{array}{r} 262.5 \\ 253.9 \\ \hline 26 \\ 3 \\ \hline 78 \\ 253.9 \\ \hline 2826.9 \end{array}$$


43700 27.4

42400 26.5

41100 26.3

40400 26.1

39100 25.3

38400 24.5

INDEXED ON MAP

9119

37400 25'



Wood Saffroning Well

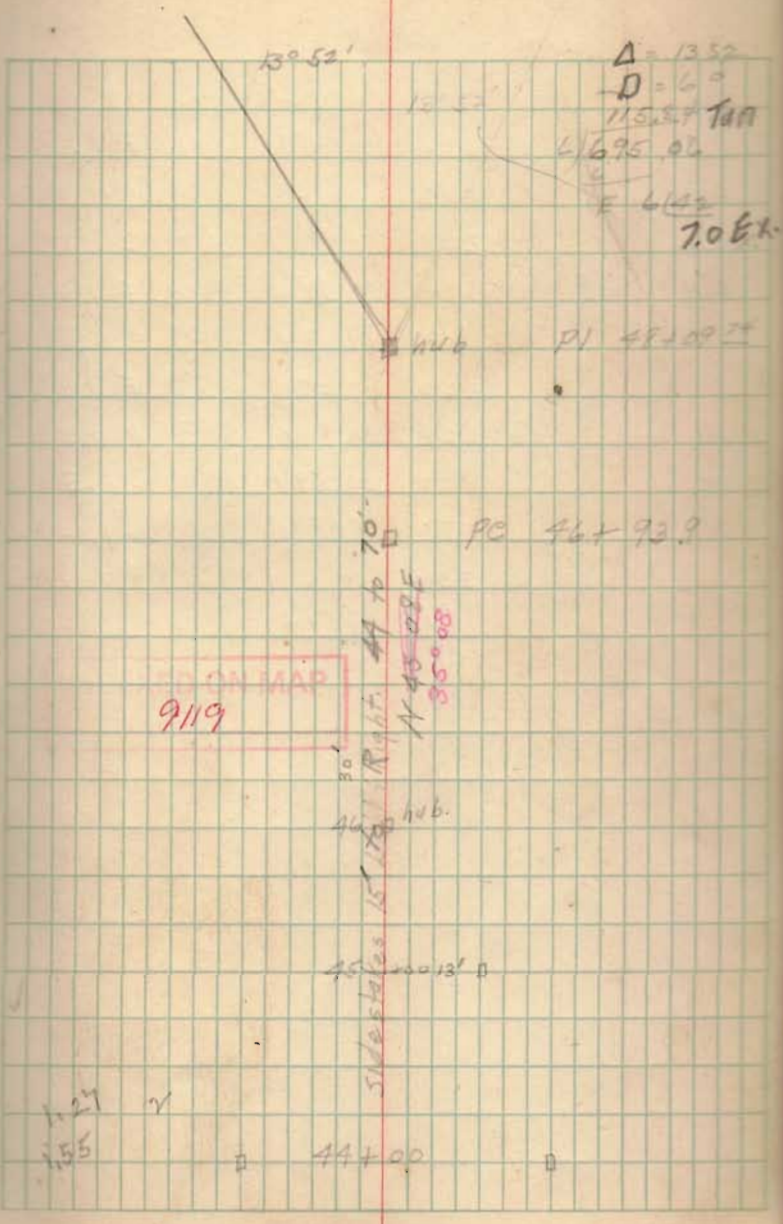
6.1  
46 475  
1 1384  
48. 0974

1.8  
108  
20  
  
18  
22  
72  
  
36  
33  
33  
  
208  
66  
98 28

05.59

44	747	98.12 ✓		F 1.08
45	905	96.54 ✓	9920	F 3.66
46	487	00.72 ✓		C 1.51
47	748	98.11 ✓		F 1.09
48	533	00.26 ✓		C 1.06
49	507	00.52 ✓		C 1.31
40	524 05.98 ✓	10.80 95.14 ✓		
50	45 75 640	99.59 ✓	9920	C 0.35 ✓
51	570	00.29 ✓	9920	C 1.02 ✓
52	645	99.53 ✓	9920	C 0.33 ✓
53	674	99.24 ✓	9920	C 0.04 ✓
54	671	99.27 ✓	9920	C 0.07 ✓
55	573 05.00	751 97.49 ✓	9920	F 1.71
56	731	97.69 ✓	9920	F 1.51
57	707	97.93 ✓	9920	F 1.47
58	626 04.19	654 97.85 ✓	9920	F 1.85
59	547	98.72 ✓	9920	F 0.48 ✓

10 Stake 30 49+24 P.T. 11



0419

60	565	98.54	✓	99.20	F. 6.64	
61	620	97.99	✓	99.20	F 1.21	
62	405	00.14	✓	99.20	C 0.94	
63	228	01.91	✓	99.20	C 2.71	
64	<sup>359</sup> 05.49	690	98.59	✓	99.20	F 0.61
65		692	98.67	✓	99.20	F 0.53
66		822	97.27	✓	99.20	F 1.93
67		668	98.81	✓	99.20	F 0.39
68		490	00.59	✓	99.20	C 1.39
69		500	00.49	✓	99.20	C 1.29
70	<sup>124</sup> 01.73	311	96.62	✓	99.20	F 0.58
		661	95.14			

□ hub 60+00

Eggs

Makan

56+49

H. 6

55+30

Road. 87

Lake Side  
East land  
63+16

59

12

□ stake

H'

INDEXED ON MAP

9/19

137  
45

9° 17'

1 0

8 17

2 42

1 33 ✓

2 40

2 42

2 43

1 38

2 43 ✓

9 15

1237

9 15

21 47

4 16

4 16

X 12° E

9 15

21 47

INDEXED ON MAP

9119

13

50' 70+100 15'

12° 32'

13' 66+100 P T

63+100 PGC

9° 15'

62' 15' PC

N 21° 16' E

30 61+100 15'

Δ = 21' 47"

Δ' = 2°

Δ'' = 19.47"

INDIAN LAKE

Township Road

Hub 80+00

Aprax 60'	Res
	78+75

Aprax 60'	Residence
	77+25

Talon

73+61

44.9

72+06.7

70.2

40'

45'

30'

0

Δ =

N 81° W

45' 71+00

20' 0

INDEXED ON MAP

9/19

Sampson Vulture traps 6' from 22.06 to 60'

old stand

P.I.

This line on Section 414 E

Talon State Land

STATE LAND

M.E.

□ hole

90 + 00

section N 10 E

94 + 92 x

FOX

x 92 + 89 1/2

x 82 + 38 1/2

INDEXED ON MAP

919

Angle with head,  $33^\circ$  Lt ahead.

Reef ditch	463	1	
	10863		
12500 Br floor	260	101.03	
13200	370	199.93	
91200	440	199.23	
Channel	920	94.43	(9573) water
Top Post North side of ditch			
BM	038	109.25	

Cross Sect 191+85

57	33	31	33	53
27	13	00	12	23

Cross Sect. 92+31

30	27	26	13	00	14	25	20	28
50	75	75	27	24	33	74	74	54

Hub 100+00

FOX  
 $\times \frac{95+615}{\text{Van Horn}}$

5 7" I<sup>r</sup>  
 2 7" I<sup>s</sup>  
 12.8 Roadway

Beam Bridge  
 on Piling.

92+16.8

skew 3' Leftahoy

Black Hawk

91+99.6 →

INDEXED ON MAP

9119



hub 110 + 00

Van horn 908 + 91.1  
\* Fox \*

□

curl

x

Fox

sec. line

x

Resident  
slaps

Approx. 100'

INDEXED ON MAP

9119

20 07

750  
150  
150  
150  
150  
150  
5250

51 31 6 45

45. 13

460 89  
93.18

46 34  
6 45  
39.54

46 50  
9.4

56 6.7

45 13  
14 20  
30.43

240 03

2 01

563

43 163

3065

40 8423

140  
86 57  
98 53

251 23  
111 43  
1137 49

14 30

60  
840  
20  
870  
56.3

97 57  
35 23  
52 29

261  
60 2  
435  
49 7.8  
480  
178

60 18'

2# 29

2 50 | 6073.1

320  
1073  
1000  
770  
500  
2700  
2250  
450

5 1 W  
36 57  
29 57

60 55 4  
60 37 9  
17.6  
5.2 8

60 37 8

2512

60 33.08  
5024  
101 90  
100 42  
14 280  
12 560  
17200  
7584

124.057

1000  
437  
56.3

Road North

P.T.

Road West  
P.I. 113. + 94.93

Bolt

(586.57) E

Grave Yard

112 + 374

P.C. 111 + 437

Hub.

249.61 + 262  
29 | 7209.65  
588  
140  
116  
249  
232  
176  
174  
35

T = 251.23  
Δ = 93.03  
□ = 24.18  
E.L. = 108.9

INDEXED ON MAP  
9119

hub  
□ 120 + 00

Vertice Castle

PT 115 + 26.9 □

INDEXED ON MAP

9119

17.44  
4.09  
13.35

125.965  
- 29  
125.936

14.2  
31.75

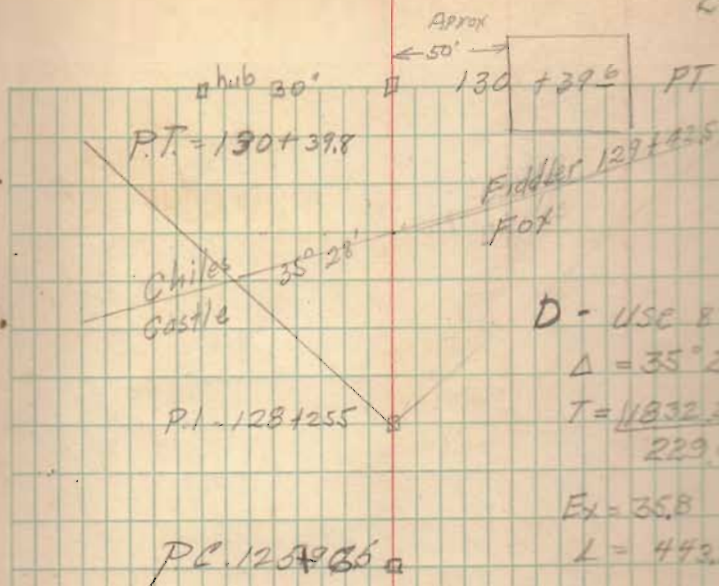
128.4255  
2.29  
125.965

666  
4662  
4.433  
835.466  
37  
34  
32  
24  
76

$$L = \frac{100A}{D}$$

L =

125.965  
4.433  
130.398



D - USE 80

$\Delta = 35^\circ 28'$

T = 11832.26

229.03

E = 35.8

L = 443.33

hub 125 + 965 30° hub hub

AV 57 35 E

50' Army Resident  
135 + SD

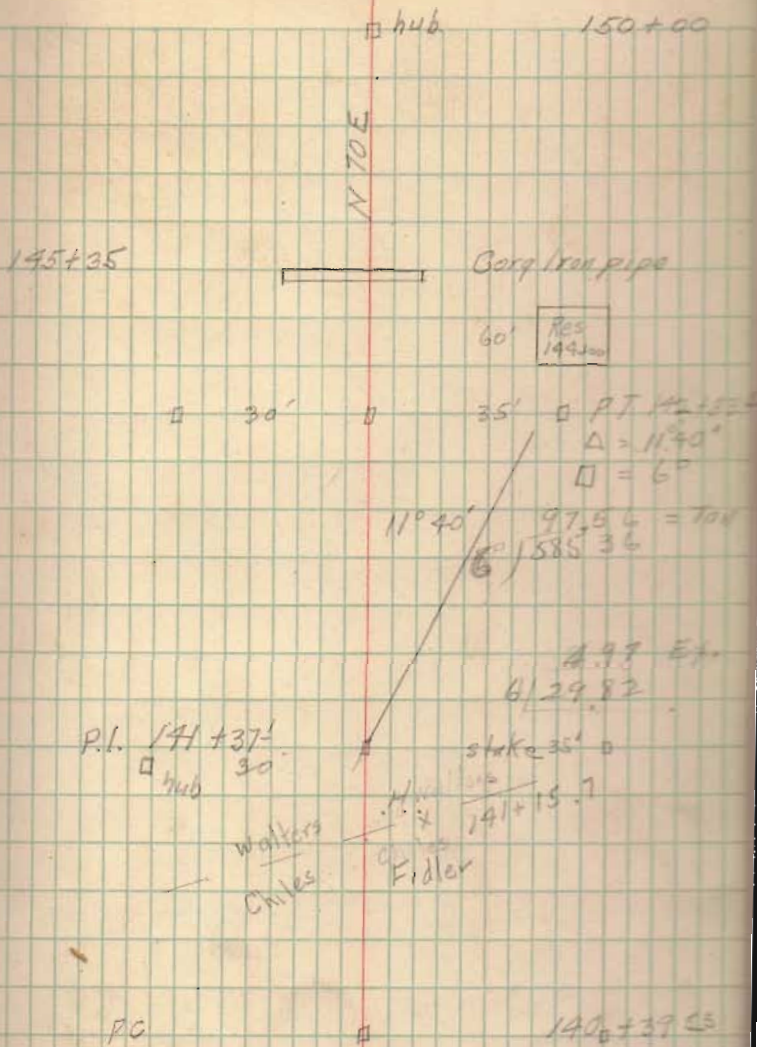
Res  
133 + 0

70 Acres

Map No. 1  
211

INDEXED ON MAP  
9119

140 + 34  
 97  
 141. 271



INDEXED ON MAP  
 9119

158 747  
2,036  
100 982

INDEXED ON MAP

9119

chub

158 + 947

157+65 Lane

Rhoades

Lane

LIAN

Anderson

151 + 95

walters

$$\begin{array}{r} 160,982 \\ 2,035 \\ \hline 163,017 \end{array}$$

$$\begin{array}{r} 160,982 \\ 2,035 \\ \hline 158,947 \\ 158,946 \end{array}$$

$$\begin{array}{r} 160,982 \\ 2,035 \\ \hline 158,947 \\ 158,946 \end{array}$$

INDEXED ON MAP  
9119

hub P.T. 163 + 025

$$\begin{array}{r} 40 \\ 25,2252 \\ 225 \\ \hline 120 \end{array}$$

N 10° 15' E

10° 9'

use 2.5  

$$\begin{array}{r} 25 \overline{) 508.84} \quad 20.354 \\ \underline{50} \\ 88 \\ \underline{70} \\ 184 \\ \underline{175} \\ 90 \end{array}$$

$\Delta = 10^\circ 09'$

$D = 2.5$

$T = 203.54$

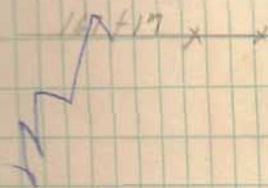
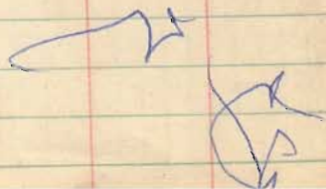
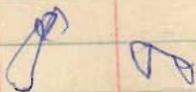
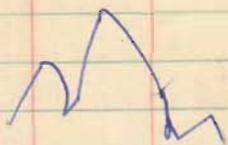
PI = 160 + 982

PC = 158 + 946



Bar 17  
170+00

160' 0 646



gate

x 165+06  
x  
Anderson

INDEXED ON MAP

9119

hub  
180 + 00

Res  
176 + 50

80'

175 + 28  
x x x

175 + 92  
x x

Res  
171 + 25

50'

INDEXED ON MAP

9119

hub 190 fad

Henderson

x 185 + 71 Land line  
x

INDEXED ON MAP

9119

(80° 50')  
N 62° 30' E

street 190+55

street 196+82

street 195+05

street 193+31

hub  
193+00

Chippewa Park

Harmons

Public Road  
192+01/3

Walters

S  
N 63° 05' E

192+41<sup>±</sup>

INDEXED ON MAP

9119

267+53  
Cemetery

Island View Road  
206+00

N 62° 30' E

203+75 Street

PT 202+89

Street 202

17° 12'

$\Delta = 17' 12''$

$\theta = 10^\circ$

10 | 866.53

86.65 Tail

201+53

PT

30.1

to NE Corner

10 | 65.3

65.3 Ex.

Res.

201+00

PC

200+66.3

INDEXED ON MAP

919

B.M.	5.18		
Sta 208	105.18	442	101.36
Sta 208+55		572	99.46
208+70		575	99.43
208+89		575	99.43
209		595	99.23
210		690	98.28
211		585	99.33

## Cross Section 209.

22	16	0	16	34
10.8	6.75	5.95	6.7	10.2

## Cross Section 4' south of Center

Regring at Sta 209 running West

00	15	16	35	48	54
6.1	6.0	11.6	12.8	11.4	5.6

## Cross Section at 208+46

30	22	00	18	27
11.7	7.2	5.6	5.9	9.9

2' of water soil blue clay.

Present  $\theta = 14^\circ$ 

Bottom IR	7.85	97.33
Top Water	10.85	94.33

Place present Bridge at Rt Angle

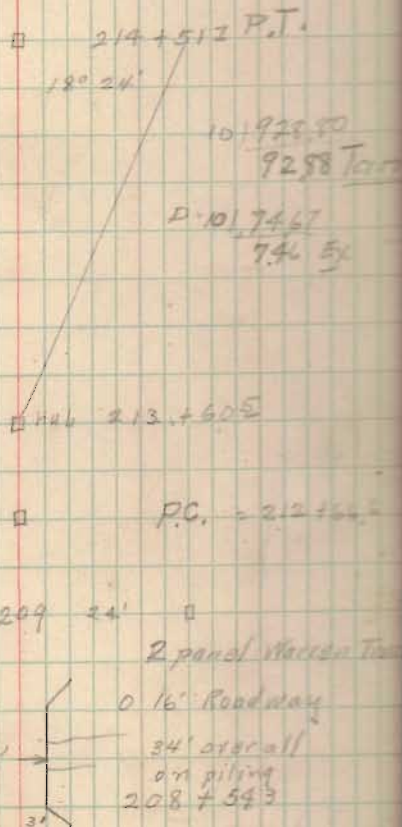
old House 2.77 too

Bar 1 2.15 too ← 60 Apr 4

INDEXED ON MAP

9/1/19

N 81 E



Present Bridge

2 panel Pratt Truss Riveted

32.2' from inside to inside of shoe

10" shoes 12" Risers

Truss 8" channels  $\frac{1}{2}$ " plate 14 $\frac{1}{2}$ " wide

Joist 6" 8" Lines including channels

hub 230

N 82 E

Lines

Lane

Harman

0° 1' Sprawl

222+73

School  
House

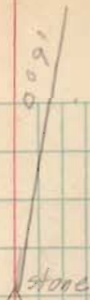
220+100

220+082

hub, 220+100

9119

x Carpenter  
x Lines



Angle.

238+922

Road

232+80 Avondale Road

INDEXED ON MAP

9119



P. No. 250

Poo  
249+00

100.0000

241 + 47.5

x x

INDEXED ON MAR  
9119

Resd.

Hub  
# 258+00

Fish.

Patrick  
x  
Carpenterx 255+00 x  
Newland.

Hoped

Res.

255+15

N 79 E

?

Sassafras Point

252+

INDEXED ON MAP

9119

278+00 70'

Resd

273+81

Resd 43'

273+46

Start

273+60

Turkey Foot Pass

270+00 hub

N 85

Line

268+32

INDEXED ON MAP

9119

270  
750  
10.00

197  
28124  
25521

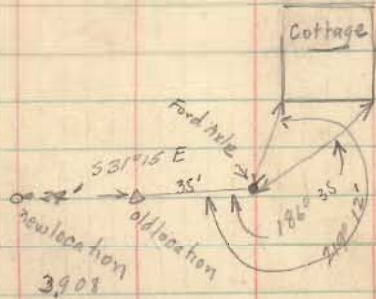
281+72  
282+26  
288

14.20  
- 4.50  
9.70  
2935  
14.37

75  
450  
20  
45  
5535  
25  
27825  
22200  
25085

28124.35'  
10186  
621

5  
12  
85  
40  
197  
150  
145  
135  
100  
100



1013.057 old Elev

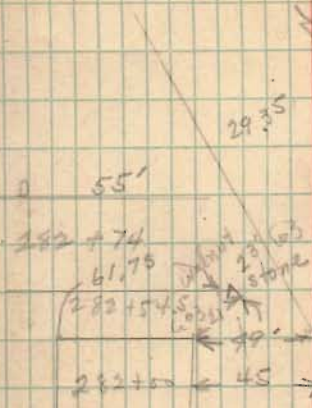
HI 1016.965 5085  
3870

1013.095 New elev.

INDEXED ON MAP  
9119

#hub 283+23+75 FT

N 51° 45' E



A = 29°35'  
B = 15°  
T = 100°36'

803  
383

#hub P1 282+26

127  
281+72 x 10  
maxine 100  
20

#hub 281+24.35 PC

Bartrand  
x Line x  
maxine

71.4  
279+236

296 150  
388 136 2  
8 26/9.25

5.27.108 (1.2.9)  
8  
1350  
224  
7350

15  
12/1825

100.26  
15/1513  
15  
2630  
2420  
24

Angle 285+26.5

23' 603  
stone

24° 57'

 $\Delta = 24^{\circ} 57'$  $D = 7$  $T = 14084$ 

14084

9) 1267.6

14

36

76

72

44

P.I. 296 + 70.6

9' stone

P.C. 295 + 283

Knotts

292 + 72

Warick

51'

291 + 75

I beam Rr

← 16' →

6" I channels

291 + 59

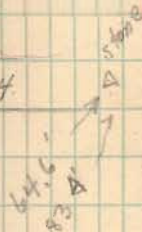
on piling

INDEXED ON MAP

9119

Food 2994 + 14

Res  
Kacey ← 70 Approx →  
298 + 50



PT = 298 + 167

9119

MAP

45

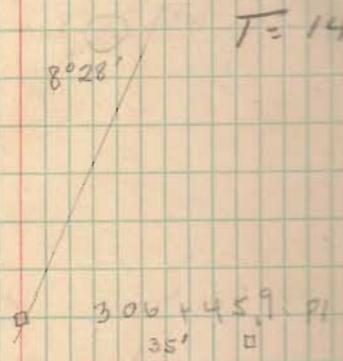
8-3 40  
2  
10-6

Tos  
30-10

42574  
48  
=5213

PT Δ 307 + 842 141.38  
3) 424.15  
15.

D = 3  
T = 141.3



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9119

305 + 05 PG



$$\begin{array}{r}
 14 \\
 15 \\
 6.66 \\
 1.822 \\
 \hline
 6) 1093.3 \\
 \underline{6} \\
 49 \\
 13 \\
 \hline
 3154 \\
 10222 \\
 \hline
 9139 \\
 \hline
 6) 54837 \\
 \underline{36} \\
 188 \\
 \underline{18} \\
 8 \\
 \underline{6} \\
 23 \\
 \underline{18} \\
 57
 \end{array}$$

10

$$\begin{array}{r}
 31352.5 \\
 31254 \\
 \hline
 0.983
 \end{array}$$

$$\square 314+36 \quad PTD = 10.5$$

$$\frac{D=60}{T} = 91.39$$

$$\begin{array}{r}
 1625 \\
 10925 \\
 \hline
 8) 54837 \\
 \underline{40} \\
 148 \\
 \underline{112} \\
 367 \\
 \underline{328} \\
 39
 \end{array}$$

10° 56'

$$\square 35 \quad \square 313+525 \quad P1$$

$$\square 312+54 \quad PC$$

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A733E

~~317157~~

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15224  
8/1217.7 43

P.T. 324 + 327

□

$\Delta = 24$

$D = 8$

$T = 15224$

N 82° 30' E

240 00'

P.I. 322 + 84

45'

□

P.C.

321 + 3176

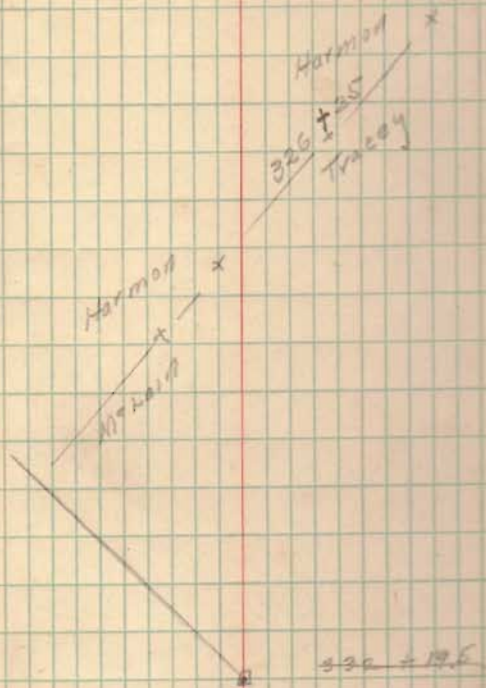
□

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Pos  
326+50

41



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9119

~~330 + 50  
19.6~~

~~80' Approx~~ → ~~80' Approx~~

~~Pos  
326+50~~

← 19° 20' 33.7" + 63.7  
County line 45

333 + 27.5 P.H

A = 21.30

T = 108.78

D = 10°

21° 30'

332 + 19.5 P.I

P.C.

331 + 10.9 P.C

← 50 ft. Res →  
329 + 10

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## Levels on McCormick Ditch

W. R. Montgomery  
Wm. Douking  
99.27  
Wm Smucker

stat #54

5.32  
104.59

0	12.22	92.37	89.77	2.60	
1	8.91	95.68	89.83	5.85	
Flow at file	14.82	89.77			
19	8.91	95.68			
2	<sup>407</sup> 104.75	363	96.12	89.49	7.63
3	<sup>99</sup>	395	95.80	89.35	6.45
4		406	<sup>95</sup> 96.69	89.29	7.48
5		341	<sup>96</sup> 97.34	89.07	7.27
6		403	<sup>95</sup> 96.72	88.93	7.79
7		388	<sup>95</sup> 96.87	88.79	7.08
8	<sup>177</sup> 97.64	194	<sup>5</sup> 96.70	88.65	7.05
9		271	<sup>4</sup> 95.93	88.51	6.42
10		351	<sup>4</sup> 95.13	88.37	5.76
11		412	<sup>3</sup> 94.52	88.23	5.19
12		620	92.44	88.09	3.55
Present D.		944	<sup>2</sup> 88.20		
13 Ditch		99.93	<sup>1</sup> 88.71	87.95	
14 Ditch		9.80	<sup>1</sup> 88.84	87.81	

13.07  
13.07  
12.32

1.4  
1.4  
5.6  
14  
1.4  
1.4  
5.8  
5.6

89.77

89.84

1.4

1.4

5.8

174 46

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				Elev	
Sta 54				99.27	
	8.17 0.544				
	5.63 100.08	10.99	94.45		
0		8.56	91.52	89.77	1.75
Flow of Tile		10.07	90.01		
1		7.53	92.55	89.63	2.92
2		6.03	94.05	89.49	4.56
3		6.46	93.62	89.35	4.27
4		7.66	92.42	89.21	3.21
5	8.20 100.02				
5		6.61	93.81	89.07	4.74
6		7.67	92.75	88.93	3.82
7		6.65	93.74	88.79	4.95
8		7.27	93.15	88.65	4.50
9		8.12	92.30	88.51	3.79
10		9.36	91.06	88.37	2.69
11		10.50	89.92	88.23	1.69
12		10.81	89.61	88.09	1.52
		6.77	92.63		

70.01  
29.73  
39.28

857  
970  
1,827  
238

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9/19

I.C.H. 232

	1930	E.K. Bridge	Hugh Baier	Dwight Gossard	B.O. Downing	Chas. Downing	Ross Antrim	Iran Wickersham
Thurs	17	1	1	1				
Frid	18	1	1	1	1	1	1	
Sat	19	1	1	1	1	1		
Mon	21				1	1		
Tu	22							

Lunch

Paid By

Livery

Stakes

Sec

Work

50 Bridge

60 "

Apr 1-23-1930  
500 2x1 @ 3¢ 15.00  
Logan Co. Co.

Sec# H  
" "  
Sec# "  
" "

INDEXED ON MAP

9119