K&E

LEVEL BOOK

3/3

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.
NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

Dewey Rd #54 A B & C
Fords Corners South Road
Montville & Thompson Twps
Page 1-7 #78

BURROWS
T.H. #60 Montville Thompson Twp Line Rd
Pg 8
Page 15-26

Hart Road Sec B
T.H. 63 Page 29
Hart Road Sec A Page 32
X Sections " 63
Center Road - Thompson T.H. 97 Page 75
Sherman
Montle - Thompn Twp Line Rd. 51 —
Slope stakes Hart Rd Pg 71
Cut Sts 37+43 " " Pg 72

LEGGETT ROAD CH 26 & T.H. 61 Pg. 34-36
SIDLEY ROAD T.H. 58 Pg 74
UNDER ROAD T.H. 56 Pg 76
BURROWS RD T.H. 60 DRAINAGE Pg. 8
BURROWS-DEWEY INT. - X-S - 27
BURROWS 1982 ALIGNMENT 28
135

Please return to the
County Surveyors Office
Chardon, Ohio

T.H. #54

Fords Corners South Road

Montville & Thompson Twps

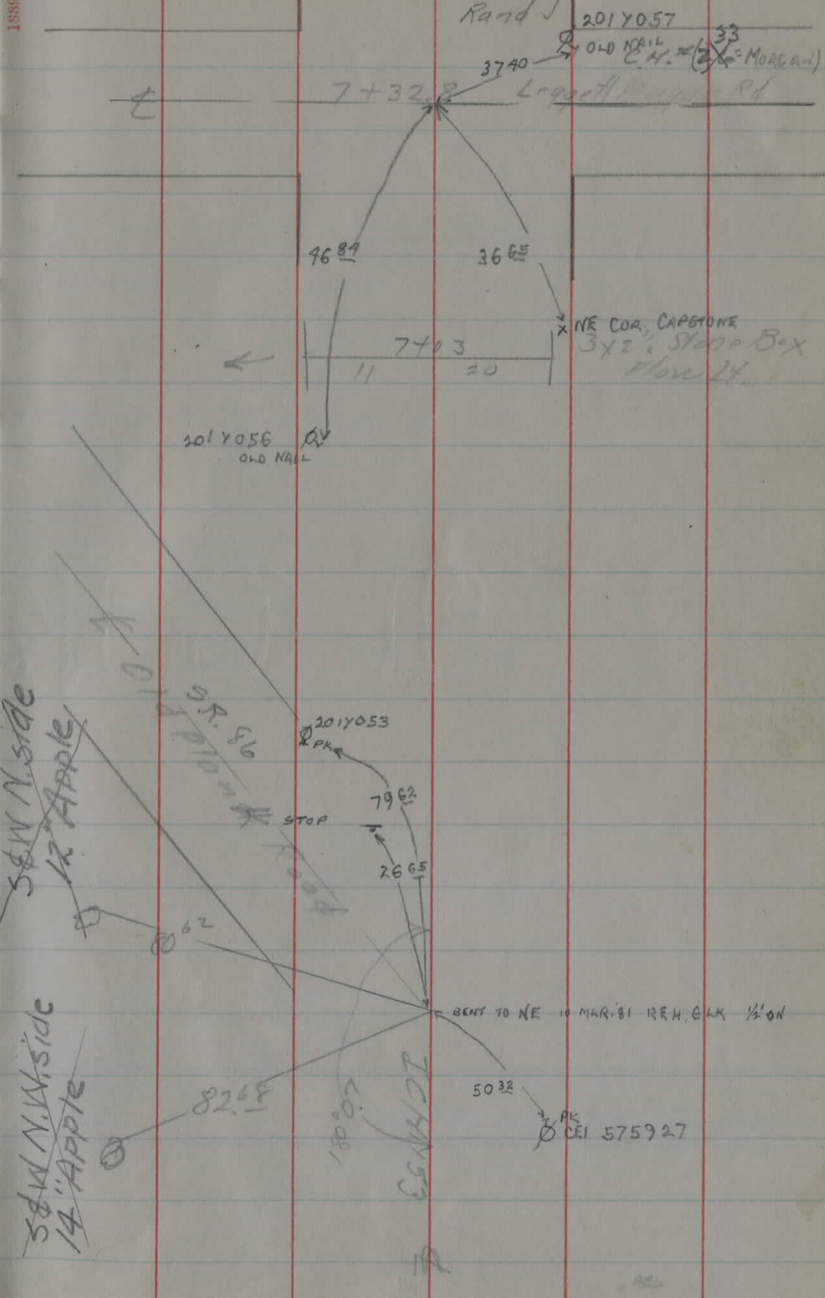
Note: Sidestakes set 30' Rt or East

Sta 0+00 Beginning of Imp Pipe Found

Note Sta 0+00 = Sta 321+2042 Old Plank Road

6/14/34

Richey
Pomeroy
Rand



8" Cor I P Clv. ← Flow Lt.

22+20
1.5 15

Prop. Line 20+00 → 25.3
pipe

2½ x 1 Stone
Box Clv. Flow Lt. ←

16+83
5.0 15.6

Sta 13+00 POT

Spike Set

Set
8" Maple
20" Svg. Mar.
SPK. & BC

48.97
49.58

3/4" REBAR SET 11 Mar. '81 REH GLK

BC
Set
Maple
30" E. RT.

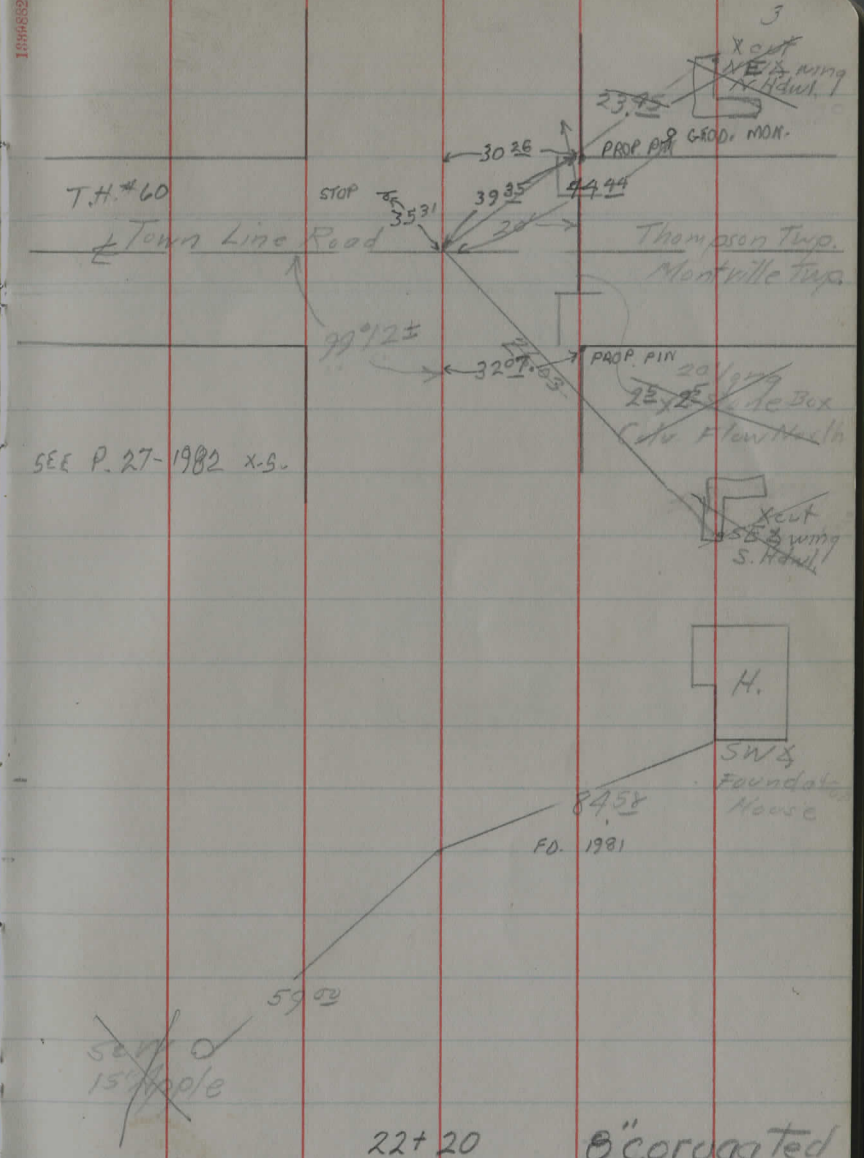
38.11

.585 miles
5280 | 3090.65

Sta 30+89.13 POT — Pipe Set

9065
52
8913

Sta 25+28.78 POT — Pipe Set



Sta 43+80 ± PI Dd Lt 1°09' Pipe Set

Fd. 5-15-74
G. Paine

Oswald Hyte

Prop Line

Tacked Hub

30.80

178°51'

FD. MAR 81 RSH GLK J.V.

41.42

Tacked Hub

40.50

Tacked Hub

2.5 x 1 Stone Box Culv. Fl. Lt.

40+21
8.5 8

Oberson

30.07

39+82 Prop Line
PIN SCHOOL PROP

Eaton

1.5 x 1.5 Stone Box Culv. Fl. Lt.

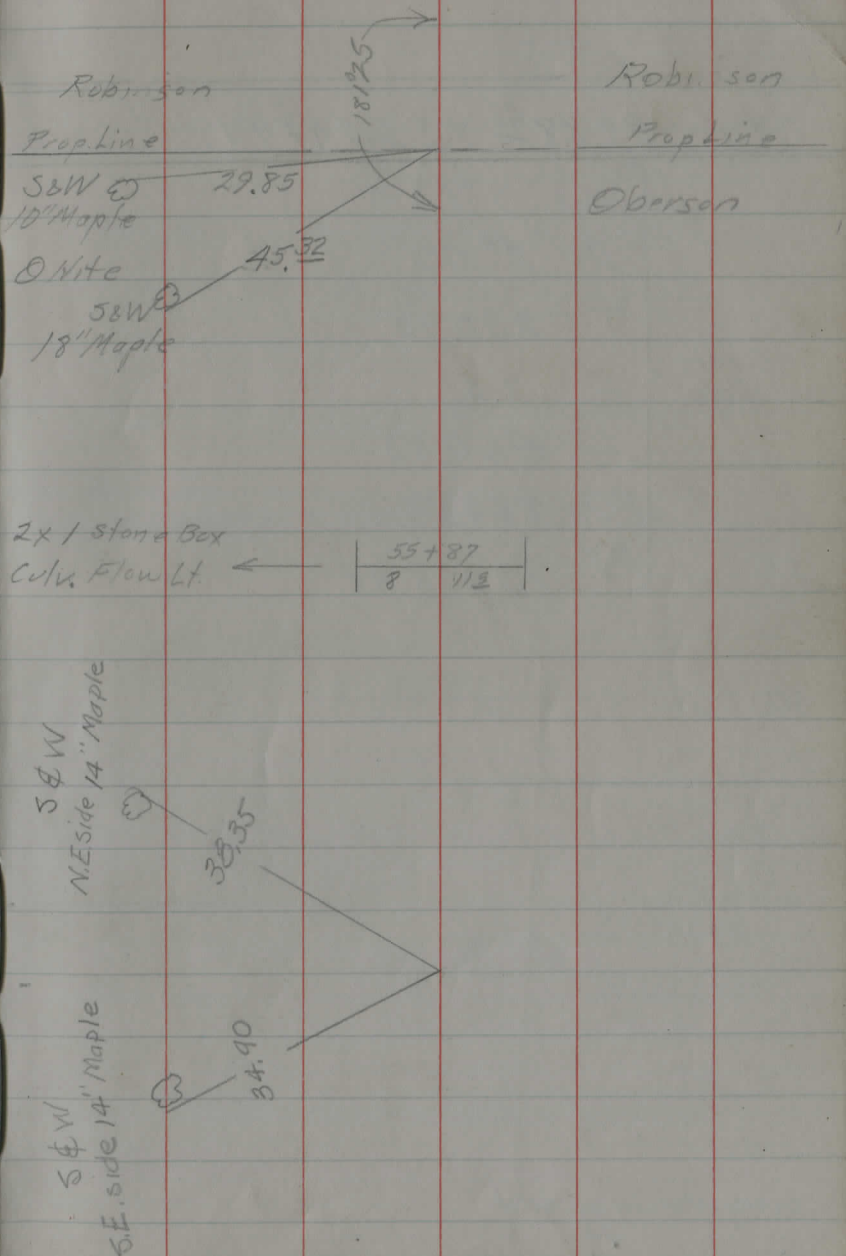
33+15
4 13

Sta 59+76.80 PI Del Rt 1°25' | Pipe Set

Fd. 5-15-74
G. Paine

58+97.40 Corr. Sta.

Sta 52+92.46 P.O.T. | Pipe Set



Sta 90+88.45 PI Def Rt 9°13' Pipe Set

Curve Data
- Δ = 9°13'
- D = 2°00'
- T = 230.90
- E = 9.3
- L = 460.83
- PC = 88+57.55 > Sta No set
- PT = 93+18.38

85 set

80 set

75 set

Every Station up to 71

S&W 6
18" Maple

75°

S&W
12" Apple

51.87

9°13'

86+82 — Prop Line?

1x1 Wood Box
Culv. Flow Rt. — 89+16 / 6 / 6 →

3x2 Stone Box
Culv. Flow Rt — 77+93 / 12 / 12 →

Prop Line 77+06 — Robinson

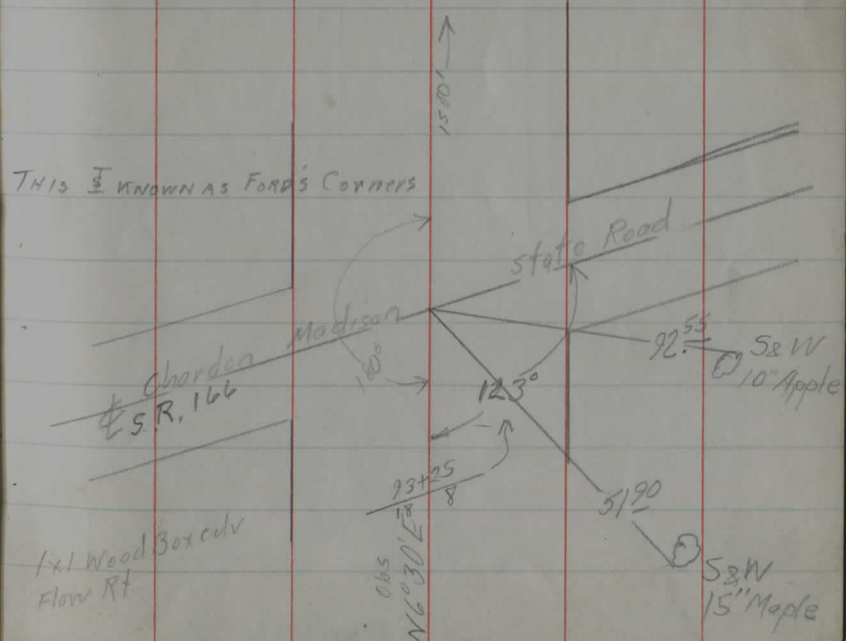
77+06 — Robinson

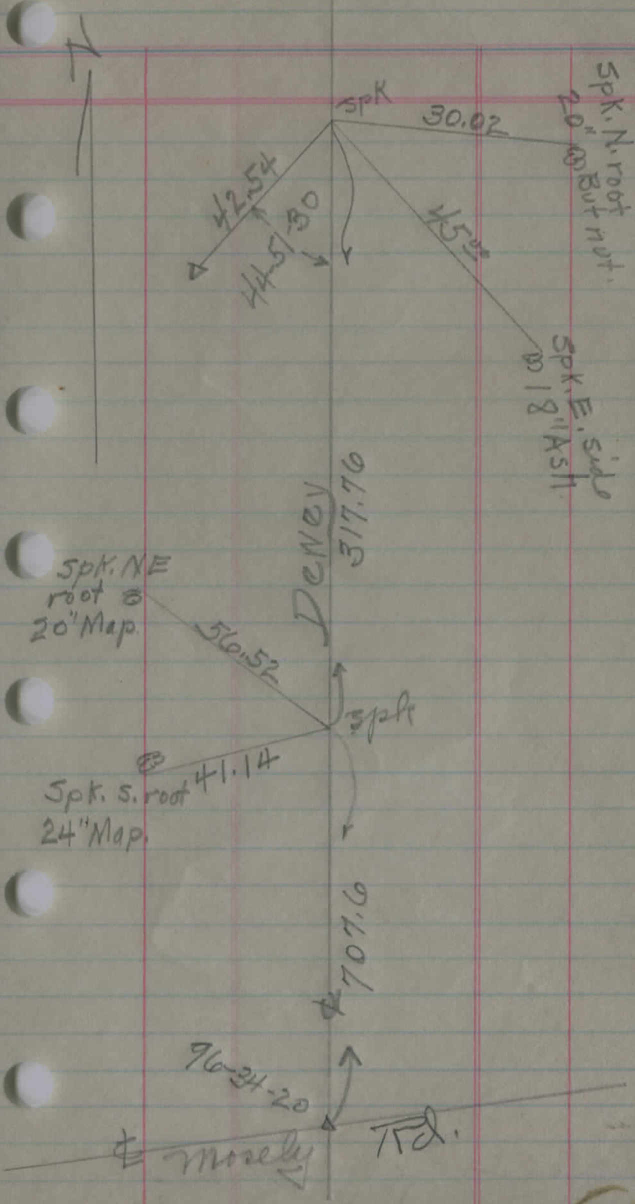
1.776 miles
5280) 9378.40

1.776
.585 Montville
1.191 Thompson

Sta 93 + 78 40 End of Imp   Spike Set

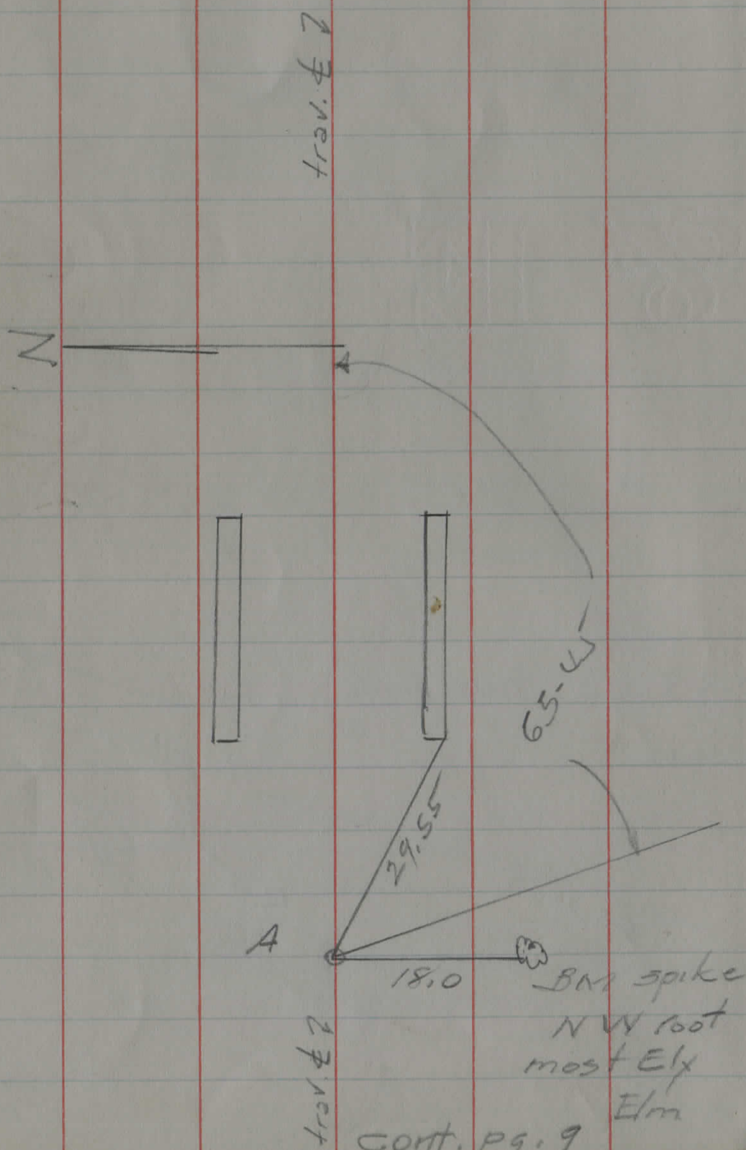
1339882





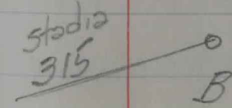
Spk
30.02
Spk. N. root
20" But nut.
42.54
44-57-30
Spk. E. side
18" Ash.
Dewey
317.76
Spk. NE
root
20" Map.
56.52
Spk
41.14
Spk. S. root
24" Map.
707.6
96-34-20
Mosely
Rd.

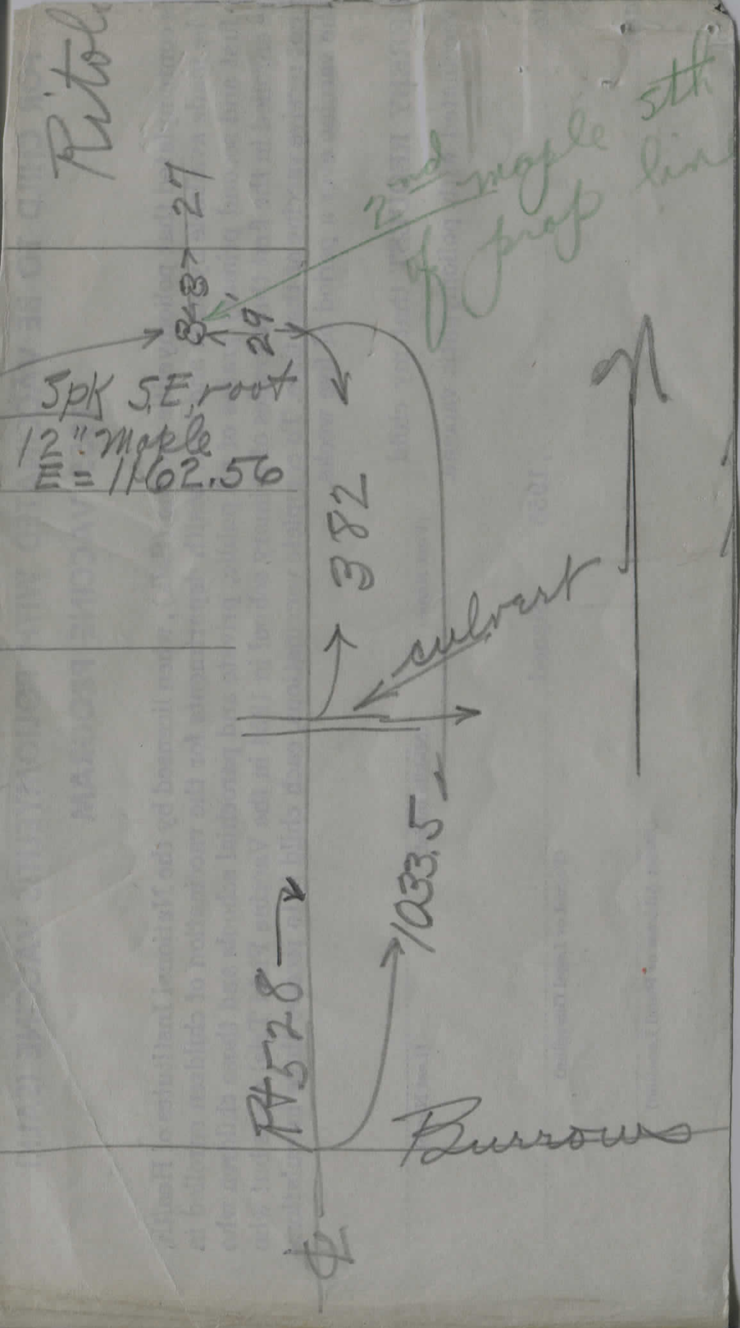
T.H. 60 Sec C.   Elv's outlet from bridge between 5 & on Burrows Rd
#60 Sec. C

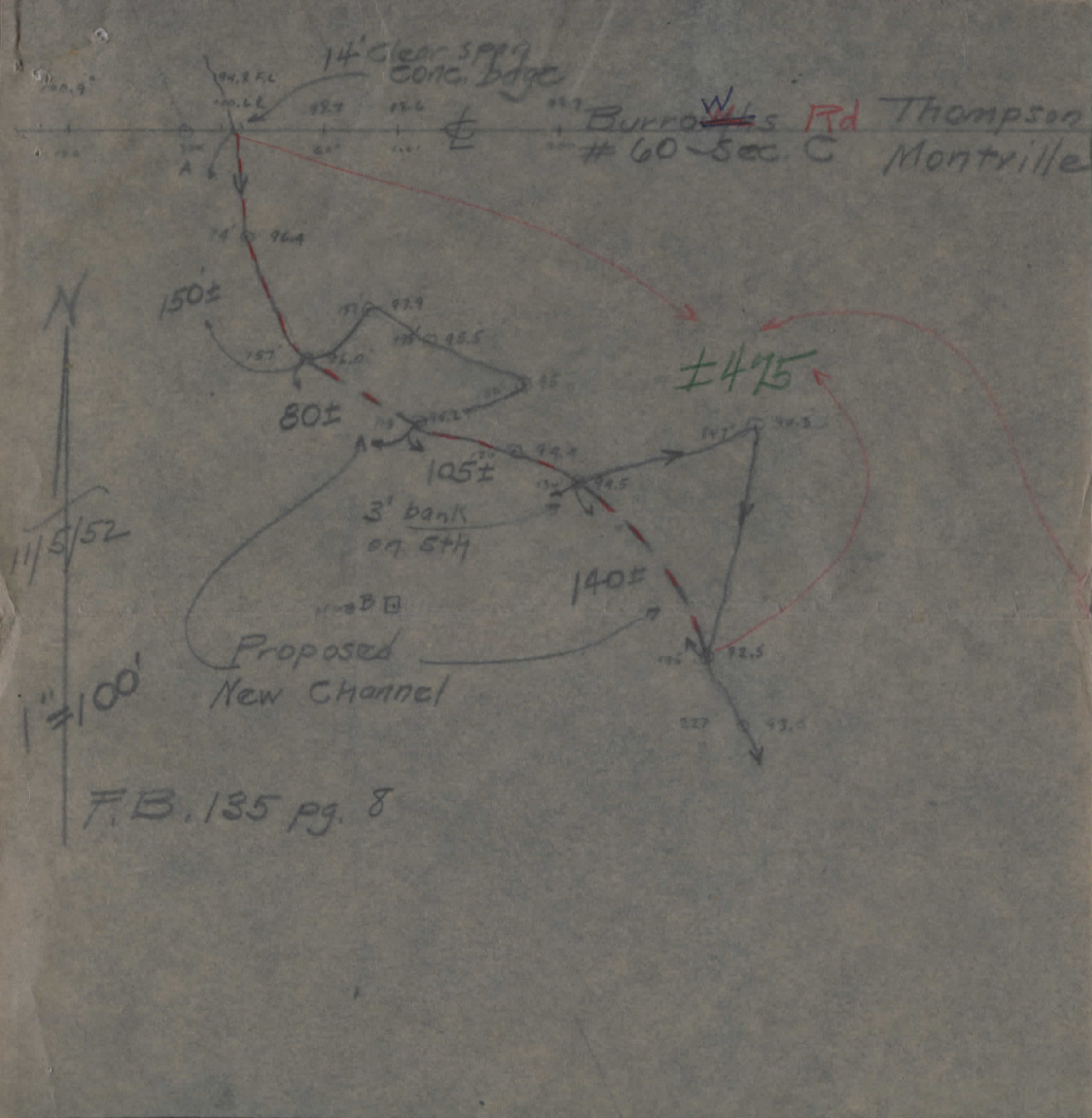


cont. pg. 9

528 & Sidley Rd   11-5-'52   STA ± 48+70




Ritola
2nd maple 5th of prop line
27
29
Spk S.E. root
12" maple
E = 1162.56
382
culvert
1033.5
528
Burrows


14' Clear Span Conc. Bdge
Burrows Rd Thompson
#60 - Sec. C Montville
W
N
150±
80±
105±
140±
±475
3' bank on Sth
Proposed New Channel
11/5/52
1" = 100'
F.B. 135 pg. 8

Cont. from pg. 8

Set on	BS on	Ang	Stadia	Rod		
A	℄ E					
BM	5.72	105.72		100		Sd W in NW root most Ely Elm (Same as ref)
		0-0		5.1	100.6	℄ Bridge Slab
				4.4	101.3	Top N. Curb
				6.4	99.3	Top opening N.
				10.9	94.8	N Floline ± 2.2 H_2O
				4.3	101.4	Top S Curb
				6.3	99.4	Top opening S.
				10.9	94.8	S Floline
		0-0		7.0	98.7	60' E of Bridge
		0.0		7.1	98.6	100' E " "
		0-0		7.0	98.7	200 E " " UP East
		180-0		4.8	100.9	100 W " "
		59-36	74'	9.3	96.4	F.L. 0.5 H_2O
		61-20	157'	9.7	96.0	Chan'l at N-S Fence
		43-40	157	7.8	97.9	Lev E & N.E.
		40-15	196	10.2	95.5	Chan'l
TP	8.19	110.29	3.62	102.10		
B	A	54-36	156'	15.3	95.0	Chan'l E. End H'shoe bend

cont. pg. 10

110.29 cont. from pg. 9

ANG	STA	RL	
31-41	113.'	15.1	95.2
61-49	120.	15.9	94.4
80-10	134	15.8	94.5
87.55	247	16.	94.3
122-54	195'	17.8	92.5
132-50	227'	17.3	93.0

Clear Span 14'

Between Curbs inside 14.5'

Footer extends ± 6" into stream on E. abutment

Chan' W. end A shoe bend

" Bends SEly

" " Ely 3' bank SW, 1' N.E.

" " S

" S

" S

	+	HI	4-30-53 —	Elv
BM	3.35	104.75		101.4
Top Sta 1			4.62	100.13
2			5.15	99.60
3			5.18	99.57
4			6.00	98.75
5			6.65	98.10

SETTING STAKES FOR BLASTING, OTHERWISE NG.

1335882

11

S. CURB TOP

	drive	road
	2.03	6.65
	1.5	
	1.47	
	.65	

T.H. #60 BURROWS

℄ Location Thompson Mont ville Twp Line Road

5/3/37 Richey Marks Strong

15

sidestakes set 20' Rt Sta 0 to 30

(5)

4

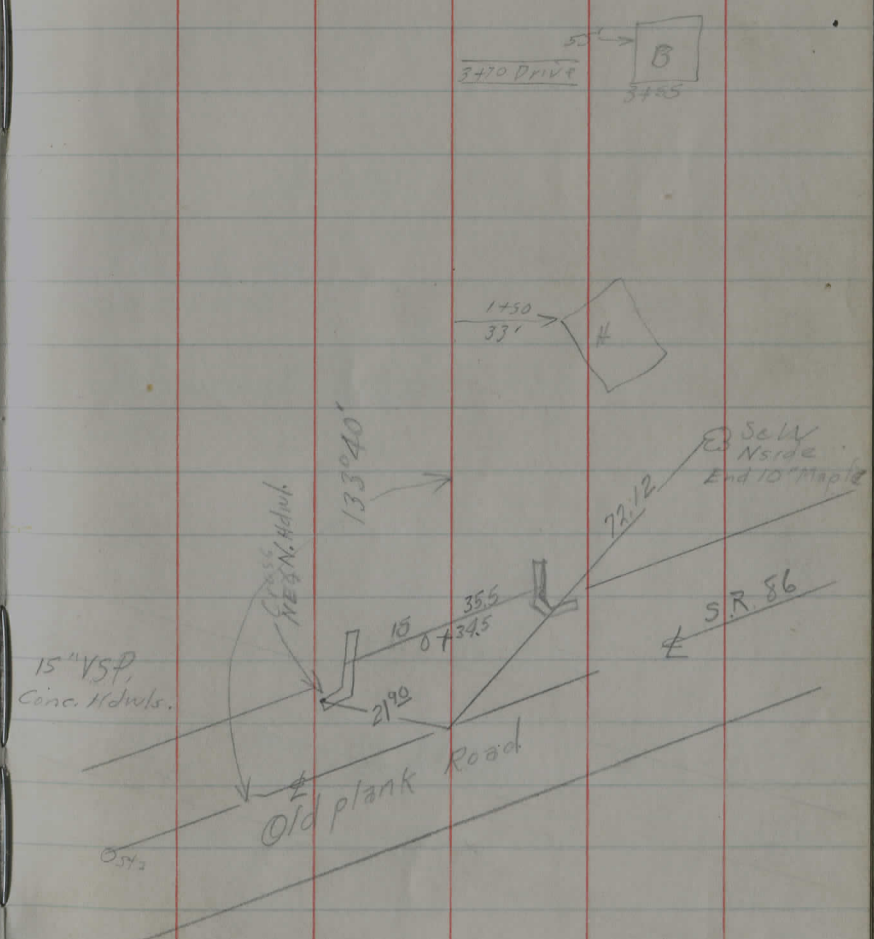
(3)

2

(1)

Sta 0+00 Beginning of Project

Pipe set in spike hole



14

13

Bigelow

13+12 P.L.

Barnum

12

11

Wood Box Culv. N.G.

12" Culv. required

10

Sheldon

P.L.

9+97

9+52

Hunter

9

8

7

3x1½ Stone

Box Fl. At

OK.

6+30

10 9

6

5

23

22

21

20

19

18

17

16

15

14

1982 ALIGNMENT
SEE P. 29

Sheldon

18 +30 Pl.
x

Bigelow

32

Sta 32 to end sidestakes 30' Rt.

31

Sta 30+75 76 POT Pipe fd

30

Sta 30+75 76 = Sta 30+89 13 on N&S Road.

29

Sta 0 to 30 sidestakes 20' Rt

28

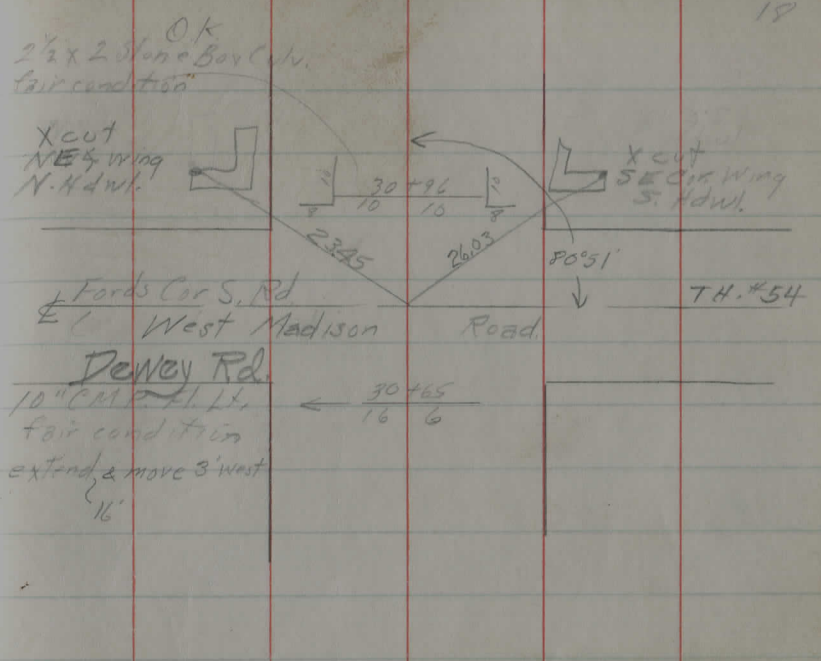
27

26

25

24

23



41

40

39

38

37

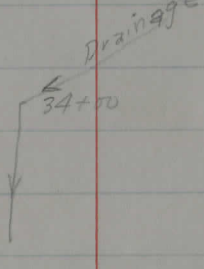
36

35

34

33

32



50

49

48

Sta 47+10.00 PI Def Lt. 0°07 Pipe Set

47

46

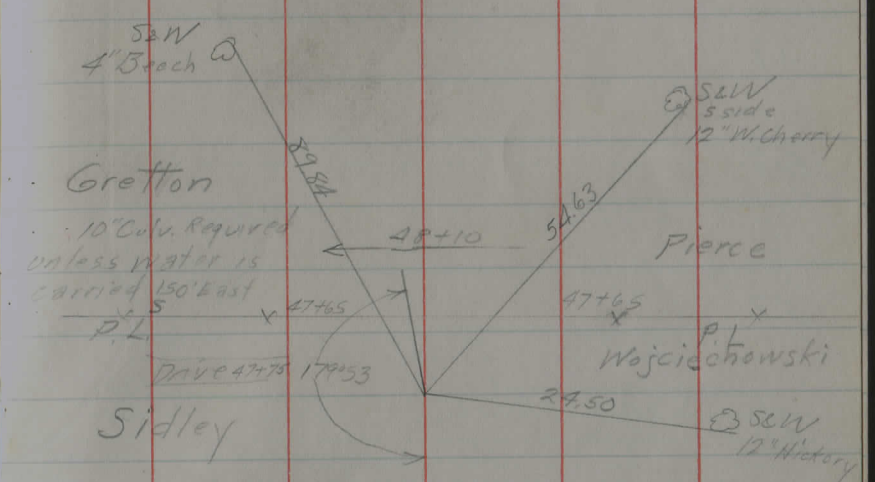
45

44

43

42

41



59

58

57

56

55

54

53

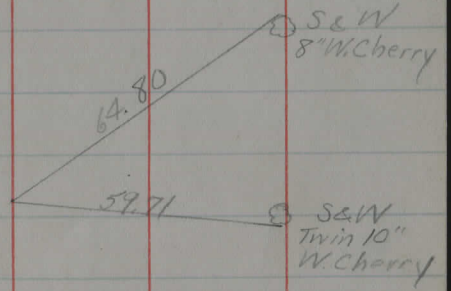
52

51

Sta 50+63.82 POT

Pipe Set

50



68

67

66

65

Sta 64+31 35 POT Pipe Set

64 68 45

63

62

61

60

59

H ← 150'
67+85

3x3 Stone Box culv 30° skew
Drive 67+25
Build new 30" Pipe

67+30
19.7 1.5
13.0
18.7

Spk S.W. side 24" Map

Fd. 7-29-44

10" CMP Flt.
Fair condition
Build new 15"

29.09
25.10
50.25

63+75
11.0 4.5

64+23 Drive

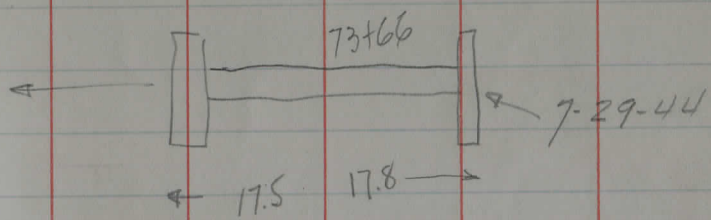
50 → H
64+28

S&W twin 12" pine

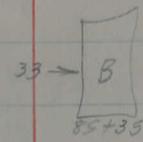
S&W 18" Maple

77
76
75
74
73
72
71
70
69
68

2½ x 2½ Stone Box Culv. Conc. Slab & Hdwls. fair condition OK



86

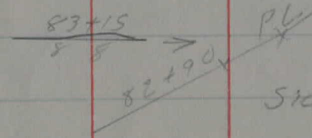


85

Jaxon C.

84

12" CMP
Poor condition
Build new 12"

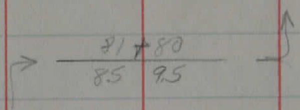


Sidley

83

82

2 x 2½ Stone Box
Culv. Fl. Rt
O.K.



28' pipe
30° = 24.24
20° = 26.29

81

80

79

78

77

1.67 miles

5280) 8835
5280
35550
31680
36700

"Viewed" Gretter Hill & Tinline Rd,
June 23rd - 37 - Stone, Griffin,
Gse Leggett, Webster, Warner & Fiedler
+ contribution from Co. Com.
$100.00 + culverting & railing

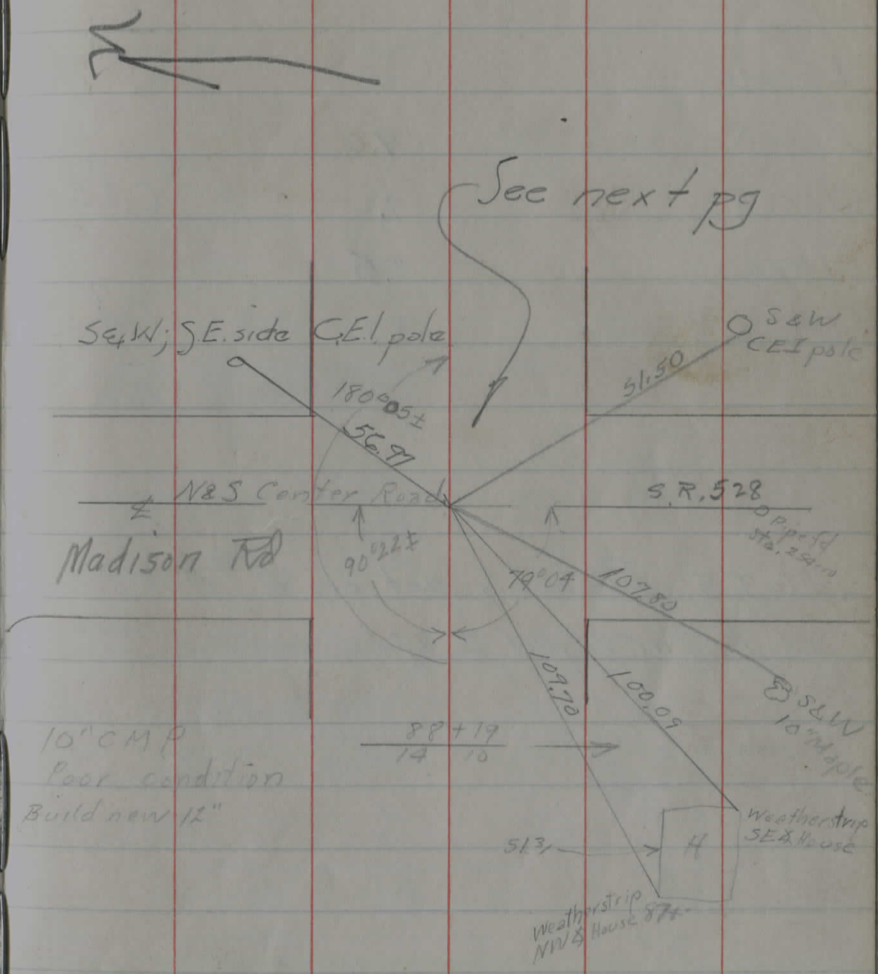
Sta 88 + 34.40 End of project Pipe Set

Fd 6/17/40

88

87

86



Culvert at Sta 81+83

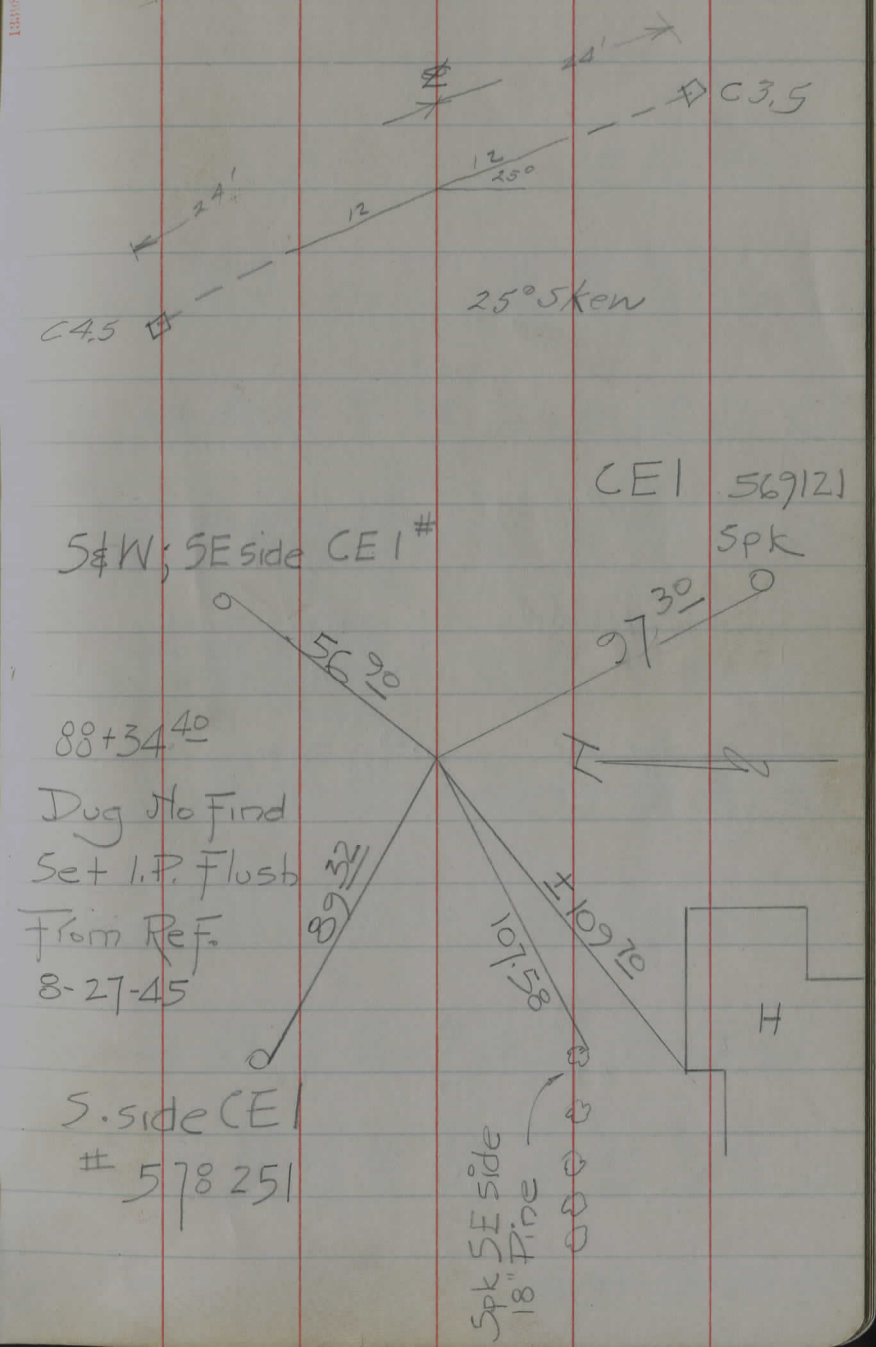
℄ Grade	4.8		
Flow R	8.0		
Stake R	9.2	5.7 ℄	C 3.5
Flow L	8.5		
Stake L	8.3	3.8	C 4.5

NOTE: Probably not on ℄ #528
as resurveyed ± 1940

9.2'
5.7
3.4

4.8
3.5
8.3

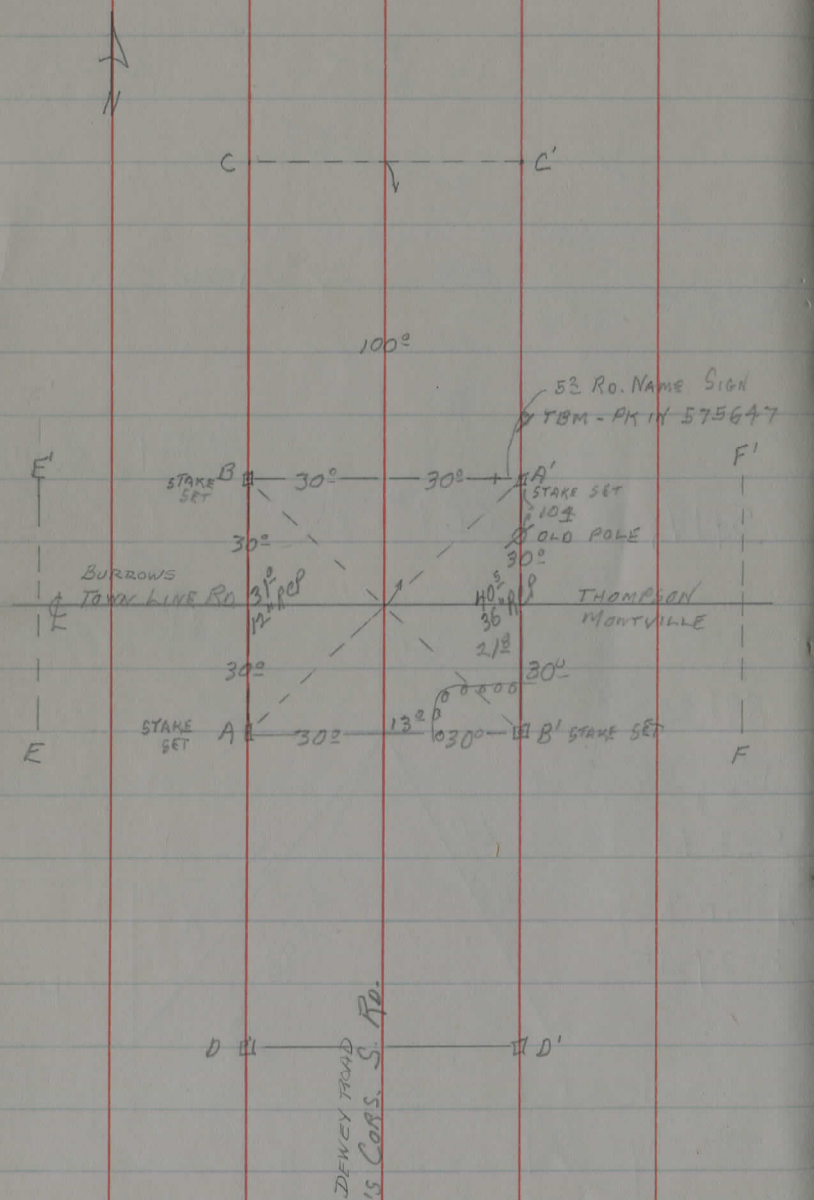
8.3
3.8
4.5



R.E. HERSHBERGER
D.W. SEWELL

BURROWS - DEWEY INT.

12 APRIL 1982
P.C., BREEZY, 30-40°



27

STA.	B.S.	H.I.	F.S.	ELEV.	
TBM	5.22	105.22		100.00	ASSUMED

A-A'	100.42	99.5	97.91	99.3	99.92	98.4	95.14	97.9	98.6	
	4.8	5.7	7.31	5.9		6.8	10.08	7.3	6.6	
	38.8	24.7	19.4	17.5	5.3	24.3	29.2	35.5	39.3	
B-B'	100.4	99.2	95.86	99.8	99.9	98.6	98.1	96.54	97.9	98.2
	4.8	6.0	9.36	5.4		6.6	7.1	8.68	7.5	7.0
	45.8	39.0	31.5	26.6		19.6	23.2	23.7	28.5	46.0
B'-A'	98.2	97.1	96.6	97.9	98.3	97.5	97.7	95.0	97.9	98.5
		8.1	8.6	7.3	6.9	7.7	7.5	10.2	7.3	6.7
	30.0	15.9	12.8	9.7		14.3	16.6	22.0	25.5	30.0
C-C'	96.2	95.8	95.3	95.5	95.8	95.6	95.7	93.7	96.0	96.1
	9.0	9.4	9.9	9.7	9.4	9.6	9.5	11.5	9.2	9.1
	30.0	16.4	14.6	9.4		10.4	16.2	19.4	23.0	30.0
A-B	100.4	99.6	98.4	98.9	99.0	100.1	100.0	99.5	97.8	99.4	100.4
		5.6	6.8	6.3	6.2		5.2	5.7	7.4	5.8	
	30.0	15.4	13.5	10.6	7.5	5.1	10.3	14.1	17.0	20.0	30.0
D-D'	100.5	100.2	98.9	99.4	100.2	99.8	99.7	98.6	101.1	101.3
	4.7	5.0	6.3	5.8		5.4	5.5	6.6	4.1	3.9
	30.0	16.8	13.7	10.6	5.0	11.3	13.8	17.5	23.5	30.0
A-B'	100.4	99.3	97.9	98.7	99.0	99.2	98.6	98.3	97.0	97.7	98.2
		5.9	7.3	6.5	6.2	6.0	6.6	6.9	8.2	7.5	
	30.0	15.0	12.0	10.2	6.6		11.7	13.0	15.3	17.0	30.0
E-E'	100.1	99.9	97.9	97.7		97.8	97.9	97.5	98.3	98.0
	5.1	5.3	7.8	7.5		7.4	7.3	7.7	6.9	7.2
	30.0	12.6	9.4	5.0		3.8	11.6	13.4	16.6	30.0
B-A'	100.4	97.8	96.0	99.2	99.5	99.4	99.4	98.7	96.2	98.6	98.5
	30.0	5.4	9.2	6.0	5.7	5.3	5.8	6.5	9.0	6.6	
		24.5	20.0	15.0	9.1	2.0	13.0	22.5	26.4	27.0	30.0
F-F'	102.9	100.9	98.2	99.2	99.4	99.6	99.1	98.9	97.7	99.0	99.2
	2.3	4.3	7.0	6.0	5.8	5.6	6.1	6.3	7.5	6.2	6.0
	30.0	15.4	9.8	7.9	5.5	3.0	10.8	13.2	20.2	27.0	30.0

REH
GLK
DWS

BURROWS RD.

5 APR. 1982
16°, WNDY, M.C.

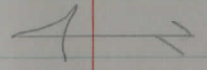
28

℄ DEWEY

PK SE FACE WOOD FENCE POST — 25.76

PK E FACE 6.8" WILD APPLE — 25.47

SPIKE SET O.T.



SPIKE SET O.T. 0+87.27

0.86 ℄

T.H.#63

Hart Road Sec B

sidestakes set 25' Lt. of ℄

5

4

3

2

1

Sta 0 +00 Beginning of Project Bolt Set

3/ 1938 E.G.R. M.B.R. 29.

S. 84 30 E.

82°30'

(Clay St.)

65.95

Baldwins Cor N. Road.

CH. .37

PI Sta 62+58 Baldwin Cor Imp

36.60

22.12

14

13

12

11

10

9

8

7

6

5

11+97

9+77 PL(?)

Build new 15"
10" CMP
Poor condition
16' long

6+31

23

Build new 15"
10"CMP
16' long
Good condition

← 21+97

22

21

20+57

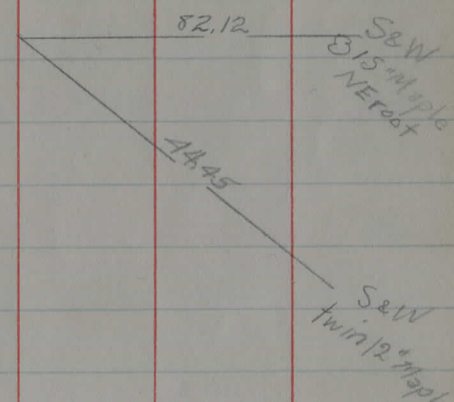
20

19

18

Sta 17+75.00 POT

Spike Set



17

16

15

14

32

31

30

29

28

27

26

25

24

23

26 + 70
x

.714 miles
5280 | 3770.35

Sta 37+70.55 End of Project Pipe Fd.

37

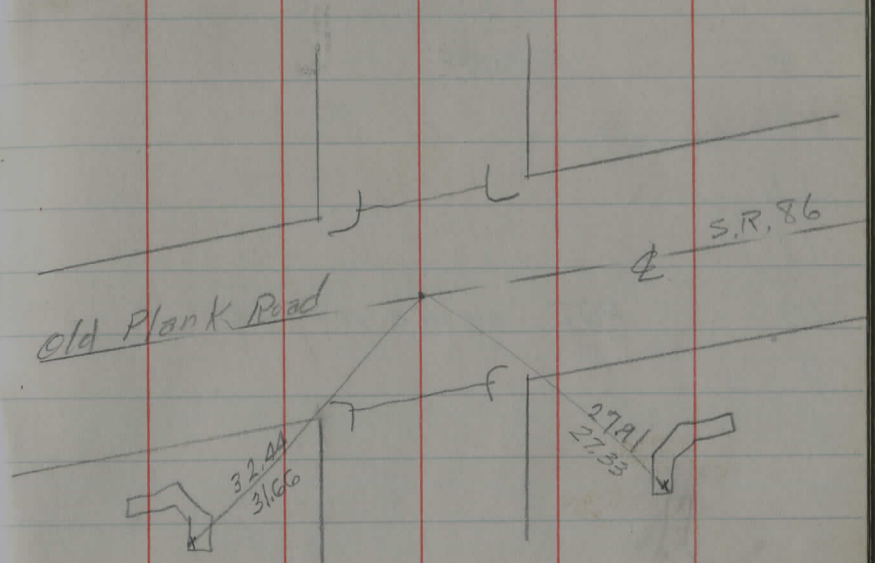
36

35

34

33

32



12" Culv. Req'd 34+85

LEGGET ROAD, Montville Twp

T.H. 61 & C.H. #26

SECTION A.

14 P.O.T.

13

12

11

10 P.O.T. spike set on ℄

9

8

7

6

5

4

3

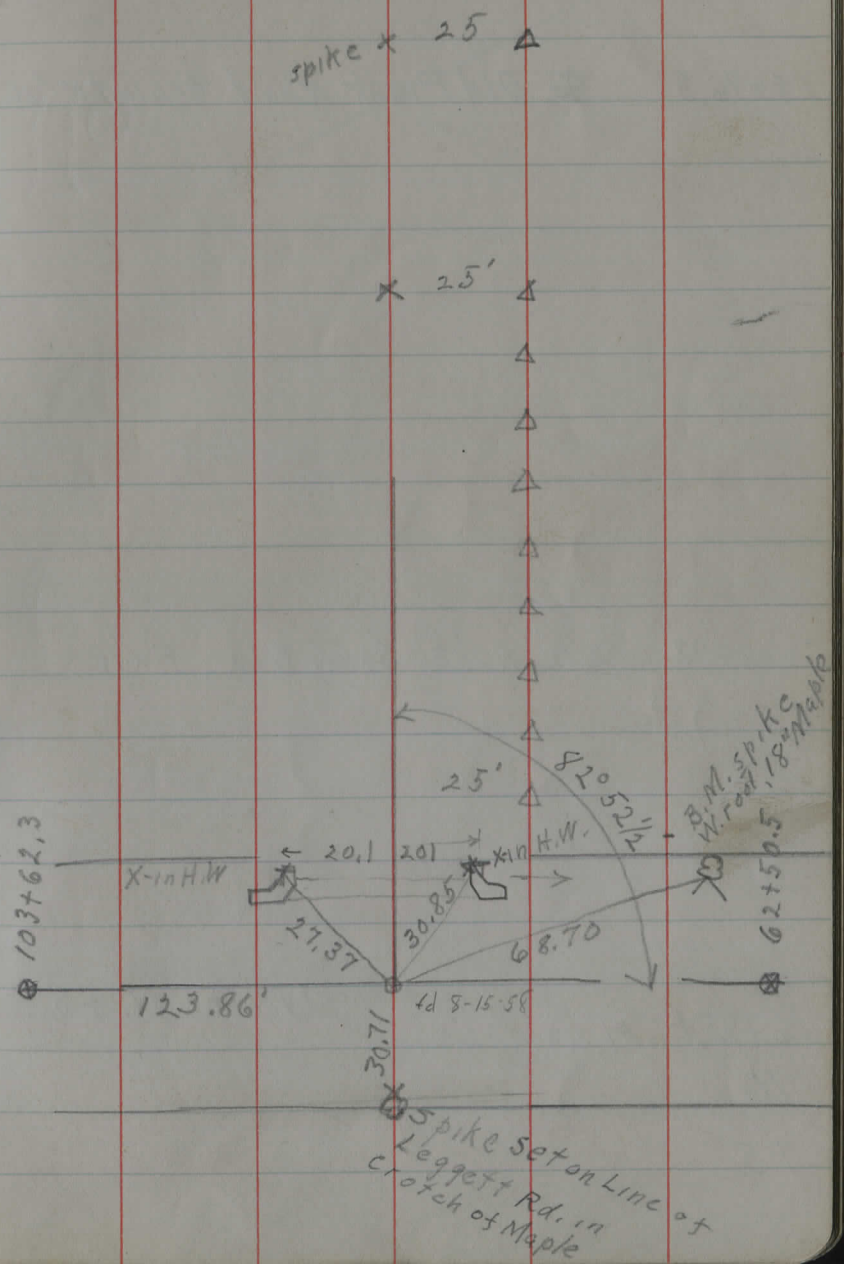
2

1

0+19 12" V.it. Pipe Culvert

0+00, Pipe set on ℄ Leggett Rd. (T.H. 61)
+ ℄ Baldwin Cor. N. Rd. (C.H. 37) sta. 102+38.44

Apr. 25, 1938, Fair, 65°±
W.C. Marks, E. Richards, H. Fowler



.548 miles
5280 | 28965

28+96.5 ℄ Old Plank Road. BEGIN CH. #26

19+88 2½' X 2' ± Stone Box, Fair

19

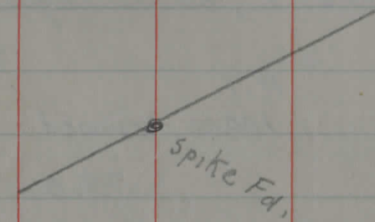
18

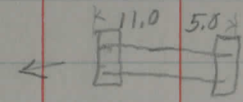
17

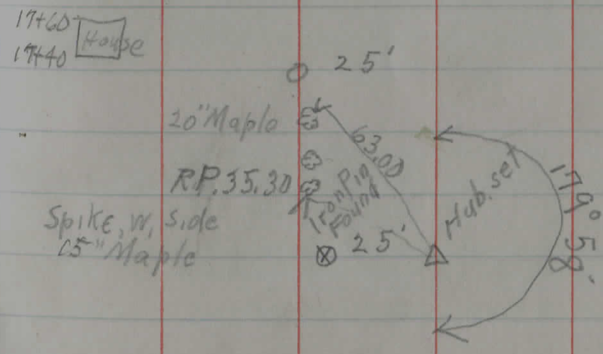
16+95.4 P.I. Δ = 0°02'R. Property Line N. & S.

16

15







Leggett Rd., Montville Twp.

19+88 Culvert, 30" Corrugated Iron Pipe

June 17, 1938 W.C. Marks E. Richards G. Dietz.

28' Long

Stake ○ 20' × 20' ○ Stake

100' Left Stream Bed.

100' Right " "

℄ Road

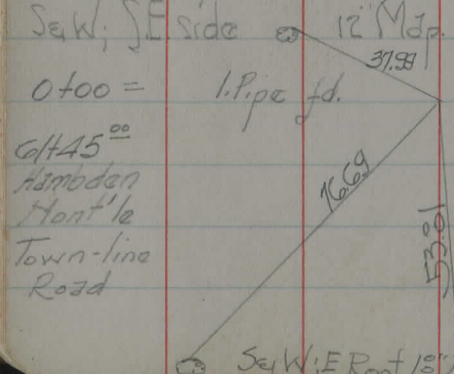
H.I. 100.00' Assumed.			
	9.0	91.0	
	6.8	93.2	
	4.9	95.1	Grade 91.5
	7.10		91.4
	6.90		91.6

8.60	Cut 1'6"	Hub. 20' Left
8.40	Cut 1'6"	Hub. 20' Right

6/4/40 3:30 P.M. Pomeroy - Richards - Hosford.

HART ROAD Sec-A-

S 80 - 30 E



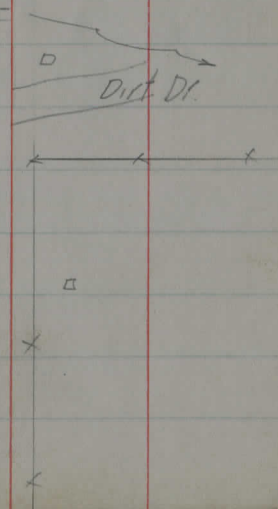
H

S

38

Begin low small trees	17-15'	+46	22.5'
10" Map			
P.L.	22.5	+42	
□		3+0	
□		2+0	
1+67 2.1'x1.6' x 20.6' Stone box culvert O.K. clean out	17.4 R'dway 11.7	8.9'	
10" Map	24'	+37	
15" Map	24'	+07	15' R'dway 14' of silt & gravel
E edge H □		1+00	
13" Map	24'	+91	
Dirt Dr.		+88	
W edge House	± 100	+79	
13" Map	24'	+57	
12" Map	24'	+30	
Dirt Dr.		+10	
±22' Ext.			Hamden - Mont'le Town-line Road
			R'dway

17 to
16 to
15 to
14 to
+56 Field Dr
+49.5 Applox. P.L. ?
+45 Field Dr.
13 to
12 to
Applox P.L. 26' +75
11 to
10 to
9 to
Jct. at 85.5 15" x 17.9 Corr. I.P. Culv. Pipe O.K.
11.6 6.3
7 to
+35 Dirt Dr.
+32 24
10' Ap. 27' +24
Dirt Dr. 6 to
W House ± 80' 5+73
End small trees 19' 4+72



+85.10

4/21/'50 = Opening outlet ditch (with dynamite) to south = ± 1000 ft, to get level grade }

40

12" Wal. 24' +65

+55 15.5' 10"x31.5 Corr OK Dirt Dr.

E. House +46

14" Hick 25' +31 E. Barn

+13 36' W. Barn

W. House ± 110' 12" Hick 23.5' +06

22+0

+46

10"x13.5 Corr. OK Gr. Dr. ±200' H

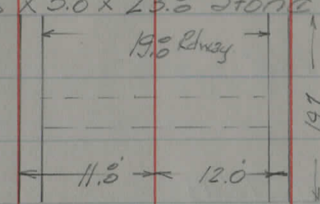
23.5' +31 13'

21+0

20+99 23' 11" Ap.

20+13.5 3.6' x 5.0' x 23.8 Stone Box Culvt

Cond. - O.K. except top header stones Farmer claims Culvt too small



X See → = pg 48

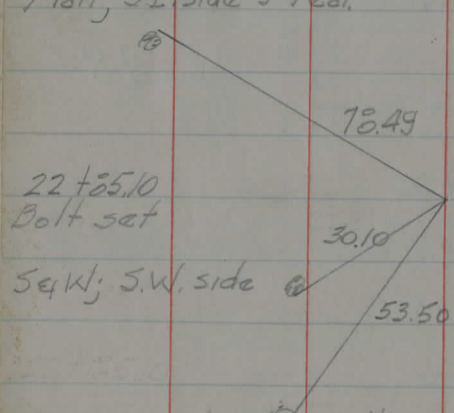
26' +86

10" Ap. 22' +72 Field Dr.

Field Dr. +42

19+0

18+0



P.L.

+30

33+0

plank field Dr. 9' + 94
No Good

32+0 30'

31+0

+98 28' E 4" Maple

+50 28' E 4" Maple

30+0 30'

29+0

30" Elm E 23' + 84
P.L.

+60

28+0

+24 30' P.L.

27+0

26+0

25+0

24+0

16'x16' Cart + planks

Gl. Dr. 11' 23+0

Bolt

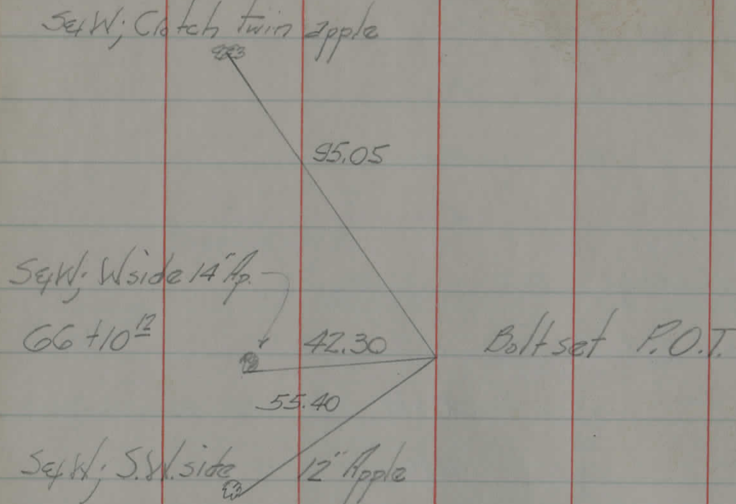
Wood Milk Sd. 6' 461

Buggy axle
38.68
46 + 24.81
92.95
Bolt set P.O.T.

S & W; W side tree stub

Spk. Set

51+0
End Os. Hedge 30' 50+0
49+0
48+0
47+0
Begin Os. hedge 28.5'
Approx. P.L.
Dirt Dr.
16 x 16 Conc. Culv.
7' 46+74
45+0
44+0
30' 43+0
+34 31'
42+0
41+0
40+0
39+0
38+0
37+0
36+0
35+0
34+0 30'



Begin low small fruit trees 25' 16' +94

66+0 □

<16'> 65+0 □

<16'> +32

22' +10

~~Grape Vine Post~~ 22' 64+0 □

63+0 □

62+0 □

61+0 □

60+0 □

59+0 □

□ 58+0

□ 57+0

+97 26' 40" Elm Begin 30' brush

□ 56+0

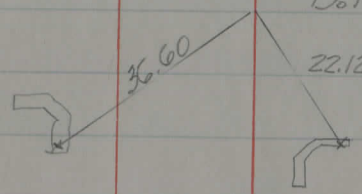
□ 55+0

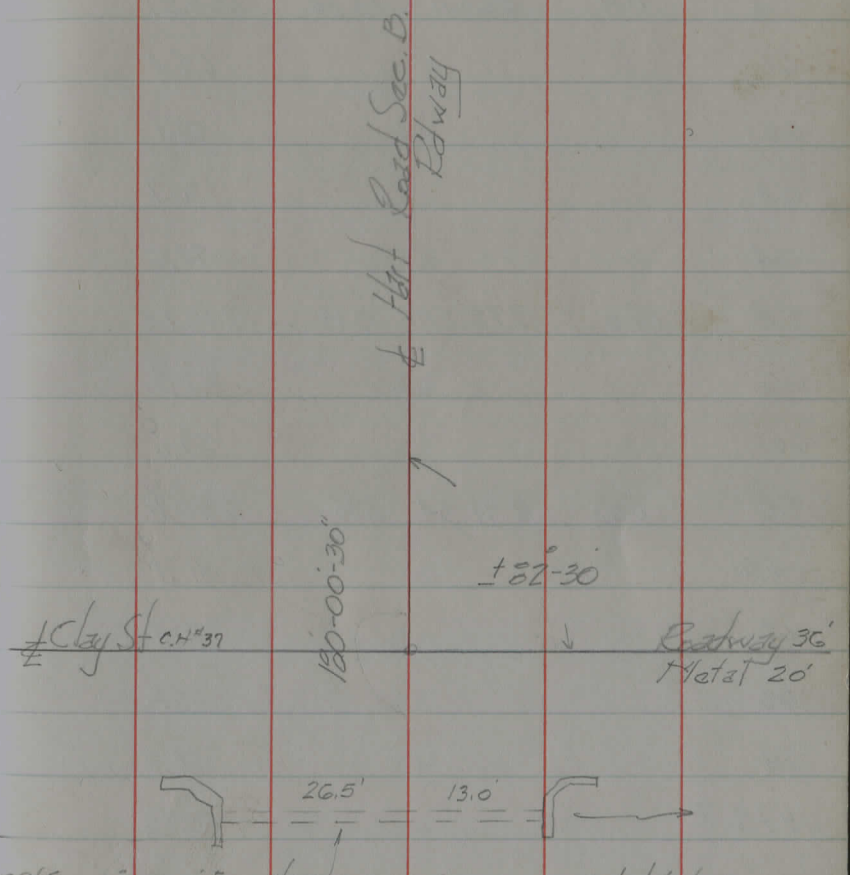
□ 54+0

□ 53+0

52+0 □

69 + 70 78
= 0 + 00 Sec. B
= 61 + 84 55
Clay St.





6/7/40 Fair - 91° Pomeroy - Richards - Hosford

Profile Hart Road Sec "A"

	+	H.I.	-	E
T.P.	0.14	1265.11	13.24	1264.97
61				65.4
62				60.1
63				70.7
64				74.6
T.P.	0.06	1278.21	13.19	1278.15
65				82.8
66				89.6
T.P.	0.63	1291.34	1.95	1290.71
+50				91.1
67				90.7
68				89.2
69				89.3
69+70 78				87.8
B.M. Set			1.16	1291.50
T.P.	12.22	1292.66	1.01	1280.44
B.M. Fd	2.81	1281.45		1278.64

N S

12.8
10.1
7.5
3.6
8.5
1.7
1.6
2.0
3.5
3.4

3.4/100 6.7 F.L. 4.9 8.3/100

Bent Spk S.W. Root 32" Map ± 130' N of Intersection Sta 54+50 L 40' Clay St. 12" Evergreen N.E. Root ± 180' N of Antisdale House. 2nd tree back from Road

	+	H.I.	−	E		H	℄	S
44				31.8			5.8	
45				33.5			4.1	
46				35.5			2.1	
T.P.	0.26	1237.62	12.28	1237.36				
47				38.2			11.4	
48				41.2			8.4	
49				43.9			5.7	
50				45.6			4.0	
51				46.6			3.0	
T.P.	2.46	1249.64	10.83	1247.18	stk 52+0			
52				47.6			10.4	
53				48.9			9.1	
54				50.3			7.7	
55				52.1			5.9	
56				54.9			3.1	
B.M. Set	0.68	1258.01	7.78	1257.33		Spk H Root 40" Elm Sta. 56+97 Rt. 26'		
57				56.5			8.6	
58				58.2			6.9	
59				59.9			5.2	
60				62.3			2.8	
		1265.11						

	+	H.I.	−	E			H	E	S	
28				20.7				3.5		
T.P.	3.64	1224.18	6.76	1220.54						
29				20.6				6.7		
30				21.1				6.2		
31				21.6				5.7		
32				22.6				4.7		
33				23.4				3.9		
34				23.9				3.4		
T.P.	3.30	1227.30	6.41	1224.00		Hub 34+85 Lt				
35				24.4				6.0		
36				24.6				5.8		
37				24.8				5.6		wooded pasture
38				25.6				4.8	6.3/30 7.3/100 8.0/200 9.6/300 10.4/400	
BM Set			3.85	1226.56		Spk S. side 10" Elm 39+75 Rt 29'				
39				26.2				4.2		
40				27.1			Hay field 9.0/200 7.8/100 6.1/30	3.3		
T.P.	1.60	1230.41	8.01	1228.81	Stk 41+0	10.6/300				
41				27.9				9.7		
42				29.0		11.3/400		8.6		
43				30.1		11.6/500		7.5		
		1231.62								

	+	H.I.	−	E	
T.P.	0.00	1219.47	0.95	1219.47	Stk 13+0
13				18.1	
14				19.1	
15				17.2	
16				14.3	
17				1209.9	
T.P.	13.06	1220.42	4.18	1207.36	
18				06.7	
19				04.9	
20				05.1	
20+13.5				05.5	
21				08.3	
T.P.	0.05	1211.54	12.69	1211.49	
BM Set			6.54	1217.64	
22				17.6	
23				18.8	
24				19.5	
25				19.6	
26				19.6	
27				20.1	
		1224.18			

2.3
1.3
3.2
6.1
10.5

4.8
6.6
6.4

10.9 12.2 7.4 6.0 7.6 12.7 11.9 12.4 12.0
100 F.L. Top op. 3.2 Top op. F.L. 100 200 300

Spk N. Root 12" Walnut 21+77 Lt 30'

9.6
5.4
4.7
4.6
4.6
4.1

	+	H.I.	−	E	
T.P.			7.80	1213.26	
0-100				15.2	
B.M. Set			2.69	1218.37	
0 to	on curve			16.4	
1				17.4	
+67				13.7	
T.P.	7.69	1221.06	5.10	1213.37	
2				13.3	
3				14.1	
4				14.7	
5				14.0	
6				13.3	
7				13.8	
T.P.	5.59	1218.47	6.59	1212.88	Stk 8
8				12.3	
+85.5				12.4	
9				12.4	
10				13.1	
11				14.4	
12				16.3	
		1219.47			

A	E	S
Hub ±200' So of 0 to E side		
	5.9	
Ref Sq W; H Root 24" Maple	0 − 53.81	
	4.6	
	6.6	
10.6 F.L.	7.6	10.4 F.L. 11.9 100
	5.2	
	4.4	
	3.8	
	4.4	
	5.1	
	5.7	
	7.2	
9.2 F.L.	7.0	9.3 F.L. 10.1 100
	7.0	
	6.3	
	5.1	
	3.2	

6/8/40 Pomeroy Richards
Fair 85°

Check Levels to SH475

B.M.			2.61	1189.67	(1189.61)
T.P.	0.93	1192.28	10.13	1191.35	
T.P.	3.90	1201.48	8.07	1197.58	
B.M.			0.57	1205.11	
T.P.	5.74	1205.65	2.70	1199.91	
B.M.	2.27	1202.61	-5.73	1200.34	
T.P.	2.61	1206.12	2.73	1203.51	
T.P.	1.17	1206.29	2.50	1205.12	
T.P.	0.66	1213.92		1213.26	

x in S.E. ∠ Culvt Headwall SW quadrant of intersection U.S. Route #6 and Hamilton Twp Line Road

Spk. in E root 24" Elm in P.L. ±35 Lt. from ℄ on Survey Sta 25+61 L 3

Spk. in E root 15" Maple 2nd South of Drive ℄ Lt 33± from

6/17/40 Pomeroy & Co. T.H. #60

RANDOM TRAVERSE MONTVILLE

180° 12'
360° 24'
179° 48'

65+00 7' Spk 7'

45±70 Bridge 8 7.5'

42+0 6' Spk 10' P.O.T.

22+00 6' 10' Spk. P.O.T.

Middlefield Madison Road

SH 74C SR 52°

Pipe fd.

See pg. 25

Sq W. NE side 18" Map. 51

THOMPSON TOWN LINE

117.50

Sq W. SW side 30" Map

Pipe fd

Co. Line ℄ 30°° 30.30

114+57.35

89-35
179-10

Sq W. N.E. Foot 13" Elm 37.25

Pipe fd Co. line road ℄ Leggett-Holgen Rd.

62.65

91+37 35 179-54 359-48 9' Spk 6'

95+50 12' Spk 1' P.O.T.

82±50 Culvt 6' 10'

T.H. 58 787±77 Approx side Rd

507-00 E

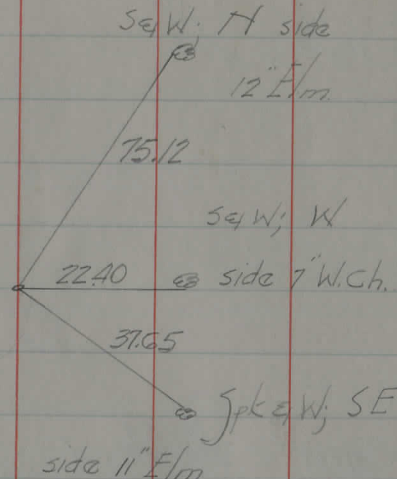
75+35 80 7' Spk 7' P.O.T.

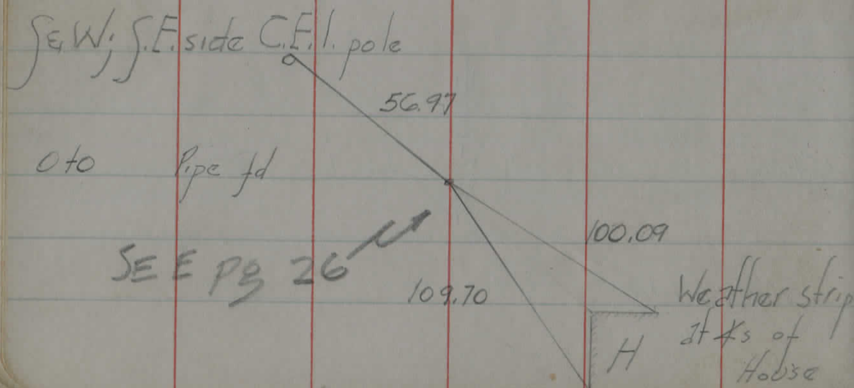
12+25 Bridge 4 10'

Mont'le - Thom'n Town Line

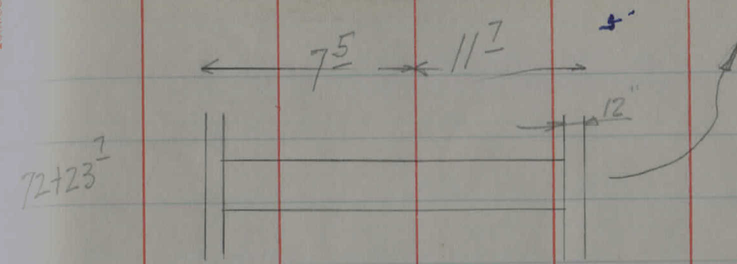
Reference ??

65+00 P.O.T. Bolt set





SEE pg 26

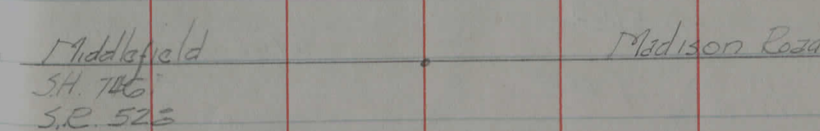


20"x24" Stone culvt

N hdwl falling out at top

both hdwls raised with conc. cap

Note: This point (65+00) computed from random traverse BUT NOT CHECKED



		+99	21'	6" Map
Elm clamp		+92		
		+81	22'	3-6" Elms

82+54 3'x1.5'x18' Stone Box Culvt. Good Cond.

Swampy

5.5' 12.5

82+0

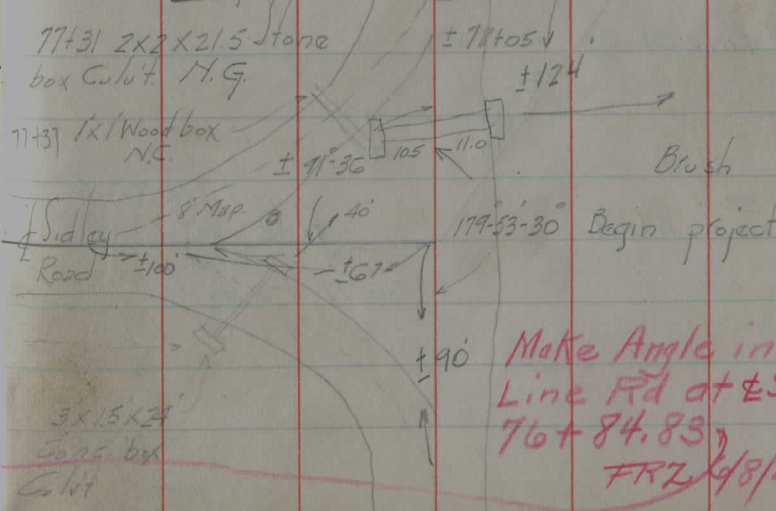
81+0

80+0 7' brush

	15" Map	21'	+74
Begin brush	6" Wh. wood	28'	79+08
	8" Ap.	26'	+95
	12" W.Ch.	23'	+85
	8" Map.	26.5'	78+77

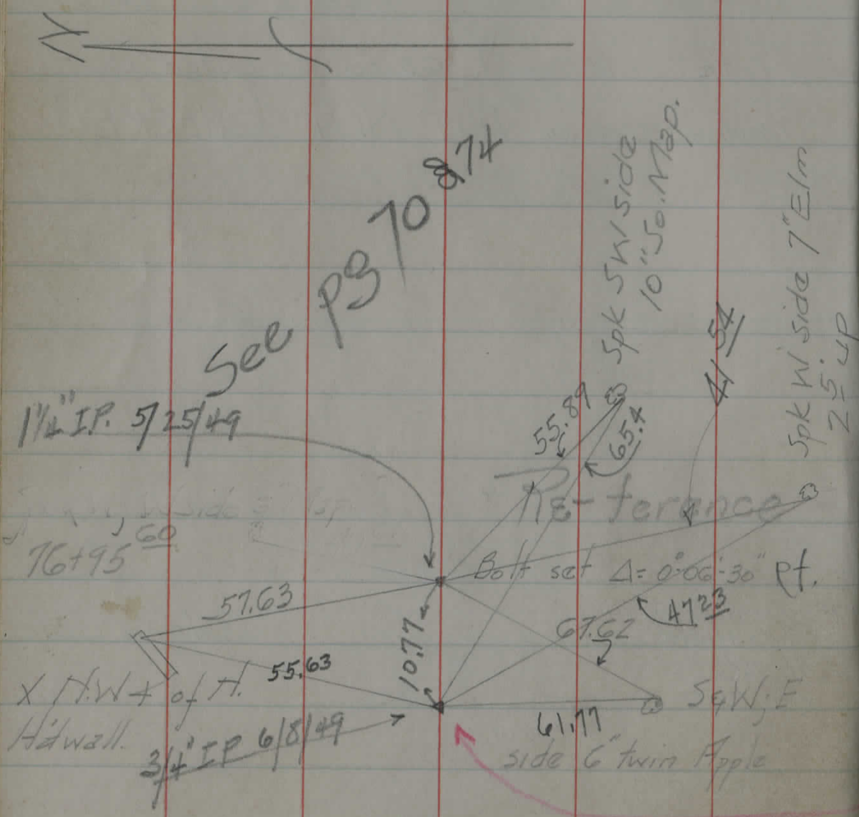
77+31 2x2x21.5 Stone box Culvt. N.G.

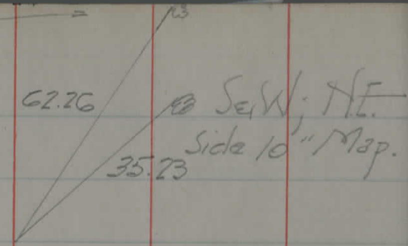
77+37 1'x1' Wood box N.C.



Make Angle in Twp Line Rd at ℄ Sidley 76+84.83

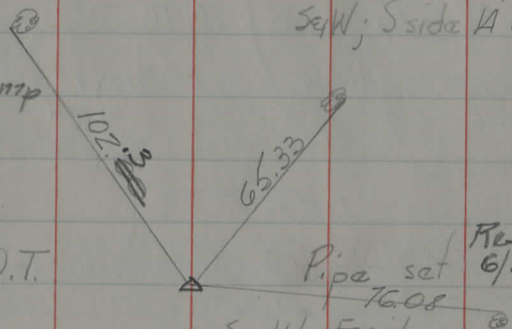
FRZ 6/8/49





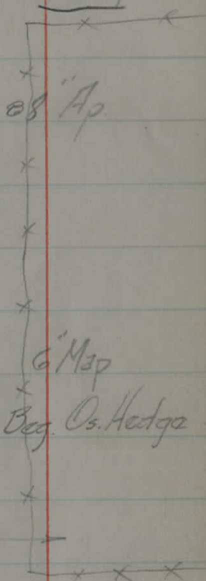
91+70.00 P.O.T. Bolt set.

Fd 6-15-52 Pom-Mel
3" down



15+50.00 P.O.T.

			+98	20'	10" Map.
					+67
			91+0		
			90+54	21	8" Ap.
	10" Map.	25.5	+70		
	2-6" Ash	25.5'	+65		
	2-6" W.Ch.	25.5'	+56		
			+34	19'	6" Map
			89+0	22'	Beg. Os. Hedge
+99	12"X16.5 C.I.P.	7.0'	Pipe O.K. 9.5'		
			+79	22'	
			88+0		
			87+0		
			+40	18'	24" Ap.
			+30	18'	12" W.Ch.
			86+0	26'	14" Ap.
			85+0		
	14" Ap.	26'	+11		
			84+0		
			83+0		

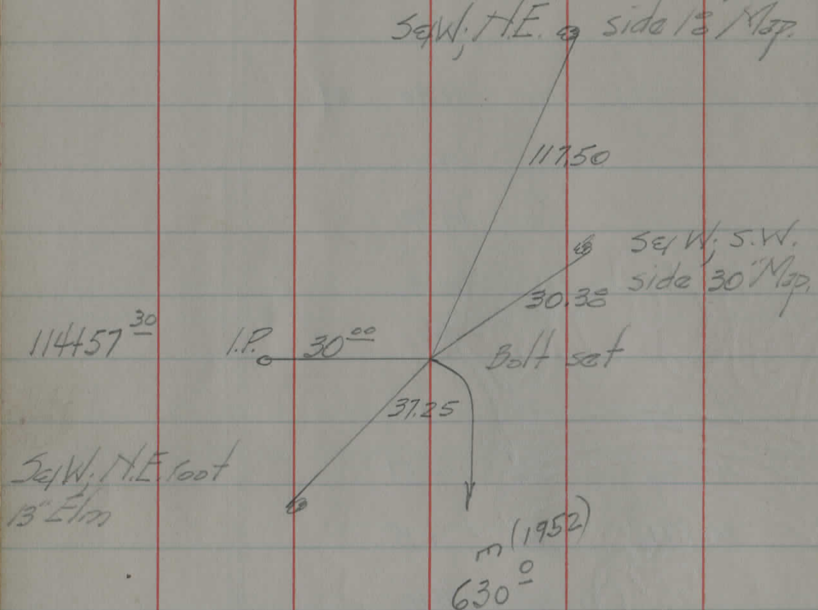


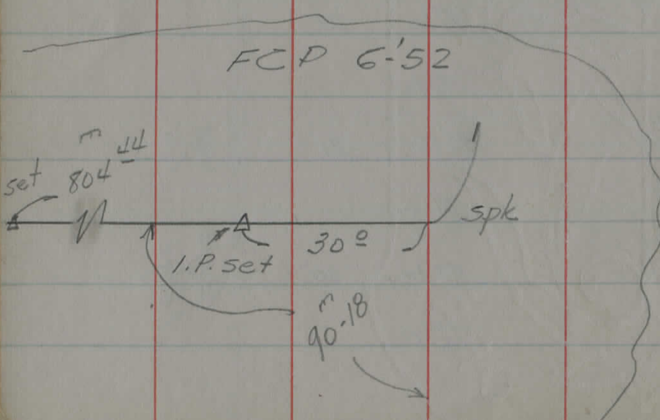
		+70	22	End OS Hedge
		106 to		
		105 to		
13" Elm	25'	+20		
		104 to		
		103 to	23'	
		102 to		
		101 to		
		100 to		
		99 to	22'	
14" Map	26'	+73		
18" Map	26'	+37		
24" Map	26'	+15		
		98 to		
6" Ap.	16'	+92		
		97 to	22'	
		96 to		
		95 to	21'	
		94 to		
End brush		93 to	20'	
		92 to		

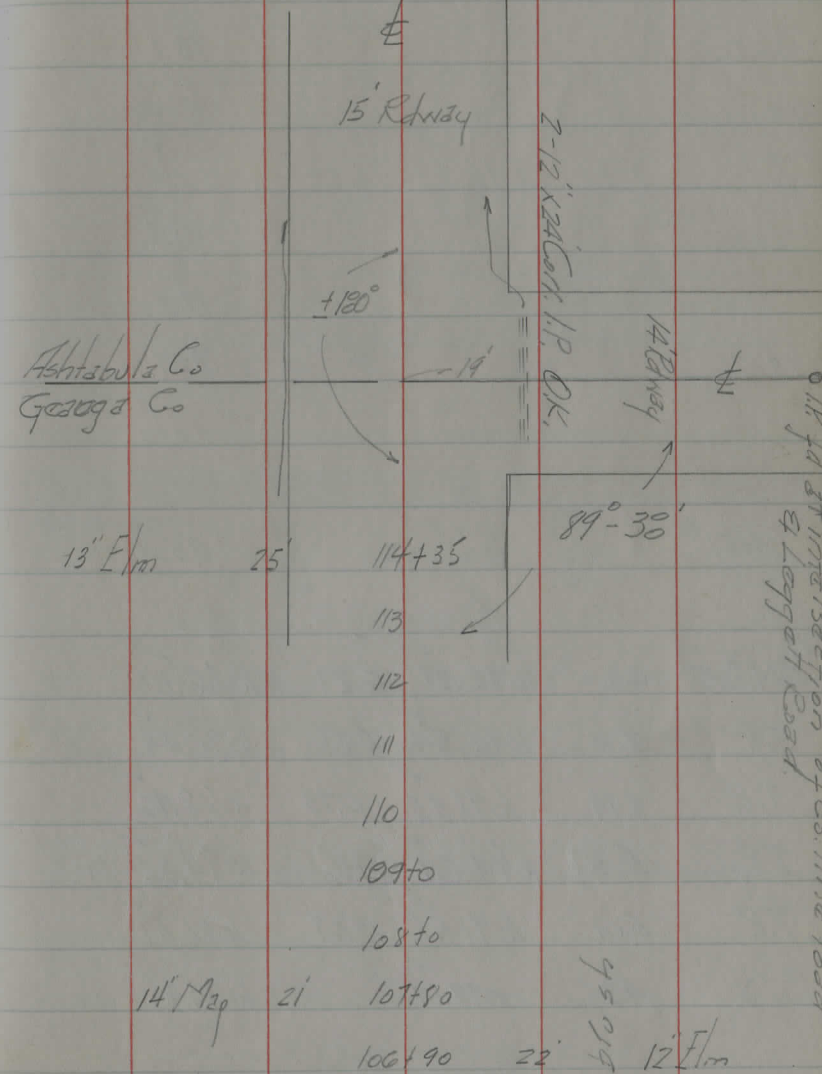
Osage tree row

Osage Hedge

55


Se/W; N.E. side 13" Map.
117.50
Se/W; S.W. side 30" Map.
30.38
114457 30
I.P.
30 00
Bolt set
37.25
Se/W; N.E. root 13" Elm
m (1952)
630°


FCP 6-'52
set
804 m 44
spk
30°
I.P. set
90°-18 m


℄
15' Rdway
2-12"x24" Corr. I.P. O.K.
+180°
19'
Ashtabula Co
Geauga Co
14' Rdway
℄
I.P. fd at line section of Co. line road & Leggett Road
89°-30'
13" Elm
25'
114+35
113
112
111
110
109+0
108+0
14" Map
21'
107+80
106+90
22'
12" Elm

6/27/40 Pomeroy - Richards - Hosford

Levels Melville - Thompson Twp line.

108+0				95.9
109+0				94.4
110+0				93.1
111+0				91.00
T.P.	7.71	1098.79	1.29	1091.08
112+0				88.8
113+0				87.2
114+0				85.9
114+57 30				85.4
Set B.M. # 5	6.10	1092.37	6.27	1086.27
T.P.	2.10	1092.54	8.51	1090.44
T.P.	9.99	1098.95	0.73	1088.96
T.P.	5.37	1089.69	7.16	1084.32
T.P.	5.01	1091.48	12.67	1086.47
B.M.	4.24	1099.14		1094.90

H H S

1.1/30 1.7/10 7.0/6+7 3.0/5 2.9 3.3/7 3.7/10 1.5/14 2.6/30

3.2/30 3.3/11 5.5/6.5+7 4.6/5 4.4 4.6/6.5 5.5/9+10 3.6/13 3.3/17 3.8/30

4.5/30 4.7/11 6.9/7+8 6.0/6 5.7 6.1/7.5 6.9/10+11 5.2/13 4.6/17 4.5/30

6.3/30 6.6/17 7.2/11 8.5/8.5 7.9/6 7.8 7.9/9 8.5/10+11 6.5/14 6.0/19 6.1/30

2.3/30 2.5/13 4.7/9+10 3.7/6 3.6 3.7/9 4.9/11+12 2.6/15 2.3/30

4.9/30 5.1/12 6.7/9+10 5.2/6 5.2 5.2/8 6.2/10+11 5.0/13.5 4.5/30

6.7/30 6.5/11 7.3/9+10 6.9/8 6.5 6.3/7 7.0/9+10 6.3/12 6.4/30

9.0
6
F.L.

Profile East

8.2 7.0 8.35
100
F.L.
W

Profile S.

6.9
100

Spk. W Root 30" Maple 30.38' SE of intersection Melville - Thomp. Twp line Road & Co. Line.

Large Rock ± 40' N.W. of 45" Asp. ± 100' S of track.

Spike N. Root 24" Asp. Stump. ± 1300' W of Co line - Leggett Road intersection

T.P.	10.51	1128.78	1.33	1118.27
97+0				15.7
98+0				13.2
99+0				10.8
T.P.	10.55	1119.60		1109.05
7/1/40				
T.P.			1.72	1109.05
100+0				08.3
101+0				05.6
102+0				04.1
T.P.	7.05	1110.77	1.28	1103.72
103+0				1102.8
B.M. #4			2.64	1102.36
104+0				1101.7
105+0				1100.6
106+0				1099.5
107+0				1097.7
T.P.	7.83	1105.00 1098.79	1.62	1097.17

N ℄ S

1.4/30 2.0/16 5.3/10 11 4.0/7 3.9 4.4/7 4.9/8 9 2.7/12 1.8/21 30

4.3/30 4.0/19 6.1/12 8.1/9 10 6.9/7 6.4 6.9/7 7.7/9 10 5.3/13 4.2/21 30

8.1/30 7.7/12 10.3/8 9 9.0/5 8.8 9.3/9 10.1/10 11 8.1/14 7.0/20 30

Hub Sta 99+55 rt. Side Rd.

0.9/30 1.9/11 4.3/6.5+7 2.9/3.5 2.5 2.9/9 3.5/11 2.1/14 1.6/19 2.6/30

4.1/30 4.4/9 6.1/6 5.2/4 5.2 5.2/8 5.8/9.5+10 4.8/12 3.2/20 3.2/30

6.7/30 6.7/8 7.4/6+7 6.9/5 6.7 6.9/8 7.3/9 6.6/12 5.8/20 5.8/30

Top Sh. Sta 103

2.6/30 2.3/8 2.9/6 2.4/5 2.2 2.5/8 2.8/9 2.3/10.5 2.1/20 2.1/30

Vert. Spike S. side 13" ℄ Tp 25' Rt Sta 104+20

3.8/30 3.5/25 3.6/11 4.3/9 3.6/7.5 3.3 3.6/6.5 4.2/8 3.3/10 3.0/21 3.0/30

5.0/30 4.5/10 5.5/8+9 4.6/6.5 4.4 4.8/6 5.3/7+8 4.3/10 4.5/21 5.0/30

5.5/30 5.6/12 7.2/8+9 5.6/6 5.5 5.8/5.5 6.5/7+8 5.4/11 5.4/19 5.4/30

6.1/30 6.5/12 8.2/7+8 7.4/5 7.3 7.7/6 8.2/8 6.6/11 6.4/20 6.8/30

88+99	Culvt			20.3
89+0				20.3
90+0				23.2
T.P.	0.64	1125.62	11.71	1124.98
91+0				32.0
B.M. #3			2.45	1134.24
92+0				31.9
93+0				28.9
T.P.	9.52	1136.69	1.61	1127.17
94+0				25.9
95+0				21.0
96+0				18.4
		1128.78		

H E S

7.8 F.L. 5.3 8.9 F.L. 9.7/23 9.8/30 Fall ok

4.1/30 5.9/21 6.1/13 7.2/9/11 5.6/7 5.3 5.6/5 5.8/7 7.7/15 9.5/23/30

+3. +2.2/16 3.3/8 2.6/7 2.4 2.8/7 3.9/9/10 0.6/13 +0.6/20/30

2.5/13/30 5.4/7/8 5.0/5 4.7 5.2/8 5.8/9.5 3.0/13 2.7/20 30/30

Ref. Point S&W; N.E. side 10" Map Sta 91+98 Rt 20'

3.6/30 3.7/13 5.9/10 5.1/8 4.8 5.3/6 5.9/7.5/8 4.3/10 3.3/20 3.5/30

5.6/30 5.8/16 9.2/9.5/10 8.3/8 7.8 8.3/6 8.9/8/9 6.6/12 5.2/20 5.7/30

0.6/30 0.4/16 4.0/9/9.5 3.3/8 2.9 3.5/6 4.2/8/9 1.9/12 0.6/20 1.3/30

3.4/30 4.8/16 8.4/9.5/10 7.7/8 7.8 8.8/6 8.8/7.5/8 5.6/12 4.2/21 5.1/30

7.6/30 8.1/18 8.8/15 11.7/10 10.6/8 10.4 10.9/7 11.8/8.5/9 9.4/12 8.9/20/30

	+	H.I.	−	
BM Z			3.22	1108.33
82+0				06.45
+54	Colot.			06.95
83+0				08.25
T.P.	1.37	1111.55	11.96	1110.18
84+0		ok to here		16.0
T.P.	0.30	1122.14	12.87	1121.84
85+0				27.4
+50				31.5
86+0				27.8
87+0				25.0
T.P.	10.57	1134.71	1.45	1124.14
88+0				23.1
		1125.62		

Hob 83+46 Lt

1

Spk S.W. Root 34" W.Ch. St 2.81+78 Lt 32'

6.6	5.7	5.2	5.1	4.8	5.0	6.3	5.8	5.7	4.7	4.9
30	14.5	5.5		4	13	15 16	17	23	26	30

8.0	9.15	7.45	5.0	4.6	5.05	7.6	9.0	9.4	Fall ok.
30	FL.	top op.	Hdwl		Hdwl	top op	FL	30	

7.3	4.0	3.3	3.3	3.7	4.0	4.1	6.5	
30	10	4		9.5	11	17	30	

+1.0	+0.8	3.7	8.2	7.2	7.1	7.6	1.3	0.7	1.8
30	24	15	8 9	6		7	14	17	30

+0.2	8.3	7.4	7.3	7.4	7.6	4.5	1.2	+0.6	
25 30	12	9		2.5	3.5	7	12	20 30	

+0.4	+0.8	3.7	3.2	3.0	3.2	3.5	1.0	0.2	
30	25	13	10	5		5	9	16 30	

1.9	2.2	7.7	7.1	6.8	6.9	7.9	5.7	4.3	5.6
30	23	12	10	3	4	6	8	12	30

6.5	9.5	10.5	9.7	9.7	10.2	9.9	11.7	14.6	
30	15	11 12	9		6	7	14	26 30	

+4.3	+5.2	3.8	2.5	2.5	3.9	3.5	0.9	3.5	5.5	
30	18	10 11	8		5	6 7	9	30	30	

	+	H.I.	−	E	
T.P.	12.66	1122.83	1.05	1110.17	
BM #2			2.91	1108.31	(1108.33)
T.P.	1.47	1111.22	12.95	1109.75	
T.P.	7.72	1122.70	6.21	1114.98	
B.M. #1	7.65	1121.19	7.65	1113.54	
76+95 Co				1112.2	
77+0				12.2	
77+31	Co.L.t			11.8	
T.P.	6.05	1121.19	8.71	1115.14	
78+0				13.55	
79+0				22.15	
80+0				13.05	
T.P.	13.13	1123.85	0.83	1110.72	
81+0				08.85	
		1111.55			

H E S

X on N.W. ℄ of N. Hdwl 57.63' N of Sta. 76+95.6

19.6 24.8 crown

3.9 7.7 9.0 1.6 +3.6
200 100 100 1.60

Profile W

9.4 8.9 10.7 10.0 9.0 9.0 9.5 9.7 9.2 10.0
30 28 12 7 5 8.5 9.5 12 20
21 10.5 30

11.7. 12.6 7.8 9.4 8.1 12.6 12.8 13.0
F.L. F.L. top Hdwl top Hdwl F.L. 30 50

10.2 10.5 10.9 10.3 10.2 10.3 10.8 9.5 9.3 11.3 12.9
30 19 17 15 E Branch N 10.5 12 19 25 30
18 8

+7.1 +6.3 1.9 1.7 2.0 +5.3 +4.5
30 23 8 6 17 30

CC 8.5 11.7 11.0 10.8 11.1 11.4 10.0 11.3 12.6
30 16 9.5 7.5 5 6 9 20 30
10 7

+2.3 +2.3 3.5 3.0 2.7 3.2 3.8 0.7 1.5
30 19 7 5.5 10 11 17 30
8 12

stk S. 30'			7.35		
stk N. 30'			3.35		
R.R.			4.6		
100' S. of Culvt			9.0		
50' S of Culvt.			8.3		
Plank F.L. N. Culvt.			7.4		
B.M.	2.87	1116.41		1113.54	
Culvt. at Sta. 77+31					
B.M.			4.23	1094.88	(1094.90)
		1099.16		95	
T.P.	3.44	1100.16	2.65	1096.72	
		98		92	
T.P.	5.73	1194.37	6.85	1093.64	
		1099		90	
T.P.	8.61	1100.49	0.85	1091.88	
		91		87	
T.P.	3.16	1092.13	10.04	1188.97	
		98 ✓		97 ✓	
T.P.	0.57	1099.01	11.46	1088.47	
		08 ✓		08 ✓	
T.P.	0.43	1102.90	12.57	1089.77	
		21 ✓		19 ✓	
T.P.	1.44	1122.04	12.00	1110.60	
		1 ✓		8 ✓	
T.P.	3.31	1132.60	7.24	1127.29	
BM 3			1.26	1134.27	(1134.24)
T.P.	11.39	1135.53	8.85	1124.14	
T.P.	11.16	1132.99	1.00	1121.83	
		1122.83			

Cut. 1.5'
Cut. 5'

Hub 20' S of blued fence post

HART ROAD
CROSS SECTIONS

9/19/40 Pomeroy - Richards - Hosford
Fair - 92°

7				12.7
6				13.3
5				14.1
4				14.6
3				1214.1
T.P.	5.50	1216.93	7.12	1213.43
2				13.2
1				1214.5
0+0				1216.0
B.M. # 1	2.18	1220.55		1218.37

H S

			6.0	6.6	6.9	6.1	6.2	6.6	7.3	6.7	6.6
			20	16.5	12	8		7	8	11	30
			30								
		5.3		5.9	5.3	5.6	5.9	6.0	5.6		
		30		12	8		8	10	22		
									30		
			4.9	5.4	5.7	4.9	4.8	5.0	6.0	5.6	5.1
			30	12	9	7		7.5	8.5	10.5	22
					10						30
4.8	5.2	5.7	5.4	4.9	5.2	4.5	4.3	4.4	5.3	4.9	4.3
30	20	18	17.5	12.5	10	8		6.5	8	11	21
		19			11				7		30
			5.1	5.6	5.1	4.8	5.0	5.7	5.0	4.9	
			30	10	7		6.5	8	13	30	
								9			
			8.3	8.6	7.4	7.4	7.5	8.4			
			30	15	8		5	9			
								30			
			4.6	4.5	6.3	6.1	6.2	7.0	7.3		
			30	25	9		5	9	30		
					11						
				3.4	3.7	4.1	4.0	4.2			
				30	20		15	30			

Sta 0 - 53.01

63

17				10.1	
T.P.	2.38	1216.40 ✓	8.84	1214.02 ✓	
16				14.4	
15				17.2	
14				19.1	
13				18.36	
12				16.6	
11				14.6	
10				13.1	
9				12.5	
T.P.	11.35	1222.86 ✓	7.42	1211.51 ✓	
8				11.2	
		1216.93			

A S

4.4 / 30	5.2 / 14	7.8 / 9 / 10	6.6 / 7	6.3	6.3 / 7	6.8 / 8	6.2 / 10	3.6 / 30
7.5 / 30	8.2 / 13	9.9 / 9 / 11	8.9 / 6.5	8.5	8.6 / 7	9.2 / 8	8.4 / 11	7.0 / 30
5.6 / 30	5.9 / 14	6.9 / 10 / 11	6.0 / 7	5.7	6.1 / 7	6.5 / 8	5.8 / 11	5.1 / 30
4.1 / 30	4.5 / 13	5.1 / 11	4.4 / 10	3.8	4.0 / 7	4.7 / 9	4.4 / 10	4.0 / 30
4.8 / 30	5.1 / 13	5.6 / 10 / 11	4.9 / 8	4.5	4.9 / 6	5.9 / 9 / 10	4.4 / 13	4.3 / 30
5.8 / 30	6.3 / 14	7.3 / 10 / 12	6.4 / 8	6.3	6.6 / 6	7.2 / 8 / 9	5.6 / 13	5.2 / 30
8.1 / 30	8.8 / 14	9.3 / 10	8.5 / 8	8.3	8.5 / 6.5	9.2 / 8 / 9	8.1 / 12	7.2 / 30
10.2 / 30	10.7 / 10	9.9 / 8	9.8	10.0 / 6	10.9 / 7.5 / 10	10.4 / 12	9.7 / 30	
11.4 / 30	11.3 / 13	11.7 / 11	10.5 / 9	10.4	10.4 / 4	12.1 / 9	11.6 / 11	11.5 / 30
6.7 / 30	6.9 / 20	7.1 / 18	7.4 / 11	6.7 / 9	7.7	7.1 / 6	7.9 / 8 / 9.5	7.5 / 10	7.1 / 30

26				19.6	
25				19.5	
24				1219.5	
T.P.	5.26	1224.64	1.19	1219.38	
23				18.9	
22				1214.5	
BM 2. Moon		1220.57	2.93	1217.61	(1217.64)
T.P.	13.19	1220.54	1.89	1207.35	
21				OBR	
20				05.0	
19				1205.0	
T.R	3.01	1209.24	10.17	1206.23	
18				01.8	
		1216.40			

17 5

5.4	5.8	6.4	5.5	5.0	5.1	6.1	6.8	6.3	6.0			
30	13	14	8		6	9	14	20	30			
4.7	5.5	6.3	5.1	5.1	5.3	6.0	6.4	6.9	6.1	5.8	5.7	
30	13	10	7		8	10	13	14	16	22	30	
4.6	5.6	6.3	5.2	5.1	5.4	6.3	6.9	6.4	5.9			
30	14	10	6		8	11	15	17	30			
		11										
1.0	1.6	3.7	2.3	1.7	2.1	3.0	3.1	1.9				
30	16	9	5		9	14	17	21				
		13						30				
2.4	4.2	6.9	8.5	6.4	6.1	6.2	7.9	6.6	4.2	3.6		
30	17	14	9	5		8	11	14	17.5	30		
			10				12					
4.6	2.6	2.0	1.1	1.0	0.9	1.9	+0.4	+	1.6	+3.8	+4.0	
30	15	8	7		7	11	16		20	24	30	
						14						
9.0	8.7	4.1	4.3	4.2	4.4	4.0	6.3	6.1				
26	20	8	7		8	9	13	15				
30								30				
5.7	5.4	5.2	4.4	4.2	4.4	6.0	5.6	5.7				
30	17	10	8		7	12	14	30				
11.3	11.0	10.4	9.8	9.7	9.6	10.9	11.4	11.8				
30	18	9	6		5	10	13					

36				24.61
T.P.	7.12	1231.51	3.38	1224.39
35				24.4
34				1224.0
33				23.3
32				22.6
31				21.7
30				1221.1
T.P.	6.49	1227.77	3.36	1221.28
29				20.6
28				1220.6
27				1220.1
		1224.64		

A S

7.9	8.1	8.6	7.0	6.9	7.0	8.3	7.6	7.9
30	14	11	5		7	11	14	30
3.5	4.0	4.8	3.5	3.4	3.6	4.7	3.5	3.3
30	12	9 10	6		8	11	14	30
4.8	4.9	5.3	4.0	3.8	4.0	5.3	4.8	4.0
30	12	8	6		8	11	14	30
4.9	5.1	5.5	4.5	4.3	4.5	5.8	5.4	4.9
30	12	8 9	6		7	10	13	30
5.3	5.2	6.4	5.3	5.2	5.3	6.4	5.6	4.6
30	13	9	6		7	11	14	30
6.0	6.4	7.5	6.4	6.1	6.2	7.4	6.8	5.8
30	12	8 9	6		8	11	13	30
7.6	7.7	8.1	6.8	6.7	6.8	8.2	7.6	7.2
30	12	9	6		8	11	14	30
5.0	4.8	5.1	4.0	4.0	4.2	5.7	5.2	5.4
30	13	10	7		7	10	13	30
4.3	4.8	5.3	4.2	4.0	4.1	5.8	4.8	4.4
30	15	11	8		7	10	14	18 30
4.8	5.2	6.1	4.6	4.5	4.6	6.1	5.9	5.0	4.2
30	14	10 11	7		6	9	13	16	30

H6				35.4	
H5				33.3	
H4				31.7	
H3				1230.0	
T.P.	10.29	1239.72	2.02	1229.4/3	
H2				1229.0	
H1				27.9	
H0				1227.1	
BM# 3		1231.45	4.89	1226.62	(1226.56)
39				26.3	
38				25.6	
37				1225.0	
		1231.51			

H E S

2.4/30 3.3/11 5.2/8 5.5/6 4.3/4 4.3 4.3/9 5.0/11 13 3.4/16 3.2/30

4.3/30 5.7/11 7.2/8 7.1/7 6.5/6 6.4 6.2/9 7.0/11 7.1/13 5.5/15 30

6.9/30 7.9/12 8.6/10 9.0/7 8.2/5 8.0 7.9/8 8.9/10 8.6/13 7.4/15 7.0/30

9.3/30 10.0/11 10.6/8 9.8/6 9.7 9.8/8 10.3/10 10.2/12 9.2/13 8.9/30

3.2/11 30 3.1/9 2.7/7 2.6 2.5/6 3.4/8 2.9/12 2.8/30

4.3/13 30 4.9/10 3.8/7 3.6 3.6/6 4.5/10 4.1/13 3.8/30

5.2/30 5.4/13 5.8/10 4.5/6 4.4 4.5/7 5.8/10 5.1/12 5.4/30

7.4/30 6.7/13 6.6/9 5.4/6 5.2 5.5/7 6.7/9 11 7.0/30

8.0/30 7.7/14 7.6/10 6.2/6 5.9 6.2/6 7.5/9 7.6/11 7.1/12 7.4/30

8.5/30 8.3/15 4.2/10 6.7/7 6.5 6.9/7 8.4/10 8.0/13 8.2/30

56				54.7	
55				52.0	
54				50.2	
53				48.7	
52				47.4	
T.P.	12.11	1259.14	2.02	1247.03	
51				46.6	
50				45.5	
49				43.8	
48				1241.	
7/20/40 T.P.	10.71	1249.05	1.38	1238.34	Hub in Rt. ditch
47				38.2	
		1239.72			

4.3	4.2	4.9	5.8	4.5	4.4	4.5	5.5	3.2	
30	20	10	7	4		9	11	16	
			8				12	30	
5.9	6.4	7.8	8.0	7.2	7.1	7.1	7.6	6.0	
30	14	10	7	4		11	13	17	
								30	
7.4	8.2	9.6	9.7	9.1	8.9	9.0	10.0	8.8	9.2
30	14	11	6	5		9	12	16	30
							13		
	10.2	10.8	11.2	10.7	10.4	10.5	11.7	11.2	11.8
	30	7	5	4		9	13	16	30
							15		
		11.7	12.7	11.8	11.7	11.7	13.2	12.9	13.5
		30	6	3		10	13	16	30
							15		
	2.7	3.2	3.6	2.6	2.5	2.7	4.1	3.7	4.4
	30	10	6	3		10	12	15	30
							13		
	2.4	2.9	4.4	4.6	3.6	3.6	3.9	4.8	4.2	4.5
	28	13	10	7	5		11	12	14	30
								13		
	2.8	3.8	5.3	6.8	5.4	5.3	5.5	6.0	5.3	5.2
	30	14	11	7	4		9	11	14	30
				9				12		
	5.0	5.2	7.4	7.3	8.0	8.0	8.1	8.9	7.1	7.0
	30	16	11	6	5		9	11	15	30
				7				12		
+1.5	+0.7	0.9	2.6	2.0	1.5	1.7	2.4	0.9	0.3
30	17	11	8	7		8	11	15	30

G5				1282.6	
	13.25	1294.67	0.04	1281.39	
G4				74.3	
G3				1270.5	
	12.79	1281.43	1.49	1268.44	
G2				1268.0	
G1				65.2	
G0				62.3	
59				59.8	
58				1258.0	
T.R.	11.94	1269.93	1.21	1257.99	
57				56.50	
3M# Δ		1259.20	1.87	1257.27	(1257.33)
		1259.14			

14 15 65

9.5	9.6	12.7	12.3	12.0	12.1	13.3	11.9	14.4	9.7	8.8
30	14	9	7.5		7	8.5	72	16	21	30
						9.5				
6.9	7.4	8.2	7.6	7.1	6.8	7.6	7.2	7.8		
30	11	8	7		8	11	13.5	30		
		9								
12.0	11.7	11.9	10.8	10.9	10.6	11.7	11.4	11.6		
30	11	8	6		9	12	15	30		
						13.5				
3.2	3.0	3.2	2.0	1.9	1.9	3.3	3.0	3.9		
30	11	8	4		8	13	15	30		
2.3	3.3	5.6	4.7	4.7	7.8	5.9	3.8	3.7		
30	13	7	4		10	12	17	30		
						13				
5.8	6.5	8.7	7.7	7.6	7.7	8.9	7.9	8.0		
30	10	5	3		9	13	16	30		
						14				
11.0	11.3	10.1	10.1	10.1	11.5	11.2	12.1			
11	6	4			10	13	16	30		
30						14				
12.6	12.8	13.4	11.9	11.9	12.1	13.2	12.6	12.0		
30	9	6	3		10	13	16	30		
						14				
3.4	3.7	4.1	2.8	2.7	2.7	3.8	3.4	2.7		
30	9	7	4		10	13	16	30		
						14				

1291.56

N S

	3.25	1291.38	(1291.50) ✓
69		1289.1	
68		1284.0	
67		90.6	
66		89.6	
+50		86.9	
	1297.64		

4.3	4.1	6.6	5.5	5.2	5.5	5.5	6.8	6.3	5.9	6.6		
30	23	17 18	13	6		4	5	8	18	30		

6.9	6.8	7.0	6.0	5.6	5.7	7.3	7.0	7.7	
30	17	14 15	11		3	7 8 0	9	30	

5.0	5.1	4.3	3.9	5.2	4.3	4.0	4.2	5.2	4.1	2.8	2.1
30	23	20	15	11 12	10		4	6 8	10	16	30

3.1	3.3	5.8	5.3	5.0	5.5	6.4	5.1	3.0	2.6
30	15	9.5	8		6	8 11	14	20	30

4.3	4.4	8.5	8.0	7.7	7.8	8.9	8.1	7.5	3.0	2.5	
30	16	9	8		7	9 10.5	12	15	23	30	

P.L. H line Henning

℄ Sidley Rd

± 3'

± 12'

Pipe (fd)

90°-30'

± 172.78

30' Pipe (fd)

Spk (set) ℄ of trav. Rd

1°-43'

35.26'

± 460'

353.95

356.5

87°-40'

175.37

R.R. Spike (fd)

76°-35'

Bolt (fd) (Sta 76+95.60)

11.00

℄ (ours)

℄ (ours) Twp line Rd.

101°-45'

203.30'

Note: If intersection were at 77+00 it would fit occup. better.

Sidley Rd. ℄ Mtville - Thomp. Twp Line Rd

Intersection

6/5/40 Pomeroy - Richards Hosford

See pg 74

8/20/40	Pom	Rich	Hos		
BM	4.13	1295.63		1291.50	G
69					1288.60
BM	4.60	1296.10		1291.50	
68					89.56
67	Hart Road slopes for new grades set on stakes 2' offset				88.86
66					86.26
50					84.25
65					82.0
T.P.	0.97	1286.99	10.08	1286.02	
64					77.5
T.P.	0.72	1276.70	11.01	1275.98	
63					73.0
62					68.32
T.P.	2.03	1269.88	8.85	67.85	
BM.			12.54	1257.34	1257.33

	H				S	71
C 17.5	7.0 / 21	C	7.03 / 4.03 / 3.00	7.03	7.03 / 5.53 / C1.50 / 6.9 / 21	C 18.5
F 16	8.2 / 19	F	7.04 / 6.54 / 0.50 / G 6.54 / .25 / 6.30	7.04	7.04 / 6.54 / F0.50 / 8.5 / 19.5	F 16.5
C 20.5	6.30 / 23	C	7.24 / 5.24 / 2.0	7.24	7.24 / 2.24 / C5.0 / 3.40 / 26.5	C 23
C 25.5	5.02 / 28	C	9.84 / 3.84 / C6.0	9.84	9.84 / 2.84 / C7.0 / 4.15 / 29.5	C 27
C 27	5.90 / 24.5	C	11.85 / 4.35 / 7.5	11.85	11.85 / 2.35 / C9.5 / 3.67 / 32	C 30
C 23	11.30 / 25	C	14.10 / 10.10 / 4.0	14.10	14.10 / 9.10 / C5.0 / 11.0 / 25.5	C 23
F 19	12.50 / 20	F	11.00 / 9.50 / 1.5 / 9.50 / .25 / 9.75	11.50	11.50 / 9.50 / F2.0 / 12.80 / 21	F 19.5
F 19	7.05 / 21	F	5.70 / 3.70 / 2.0 / 3.70 / .25 / 3.95	5.20	5.20 / 3.70 / F1.5 / 6.70 / 20.5	F 18.5
F 17	10.20 / 18	F	8.88 / 8.38 / 0.5 / 8.38 / .25 / 8.63	8.38	8.38 / 8.38 / G / 9.80 / 17.5	F 17

8/29/40 Pom-Rich.

	+	H.I.	−	E	G
B.M.	3.27	1229.83		1226.56	
Ground N. end pipe			6.5	23.33	22.33
" S. " "			6.2	23.63	22.03
1+0 Ground			6.35	23.48	21.56
2+0 "			7.5	22.33	21.10
3+0 "			9.2	20.63	20.63
℄ Road			4.6	25.23	
T.P. Ground 3+0	3.90	24.53		20.63	
4+0			4.50		
5+0 Good channel			6.20		

37+43

℄

4' off

5.5
C 2'-0"

℄

0+0

4' off

4.8
C 3'-0"

1+0
8.27
4.77
C 3'-6"

2+0
8.73
6.23
C 2'-6"

3+0
9.2
7.7
C 1'-6"

Culvt Sta. 37+43 HART RD.

39+75

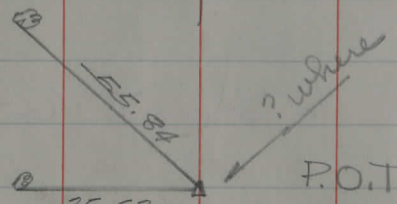
0+0 to 3+0 = −0.466 % Grade

Stakes set on 5' offset to W

3-27-42
Pomeroy
Richards

THOMPSON - MONTVILLE
TOWNSHIP LINE ROAD

S & W; NW root 10" Map.



S & W; W side 12
11" Map.

P.O.T. Boat spk
set ± on line

Tomers Drive

0 to ℄ Middlefield ▲ Madison SR# 528

See pg 52 for ref.

△ 85+50 Reset from ref. 73

See P3 70

Sta. 76+95 60 1' down

℄ Sidley Road

Δ = 0-06-30 R

Boat spk fd. See ref. Pg. 53

75+26 00 P.O.T. Spk set

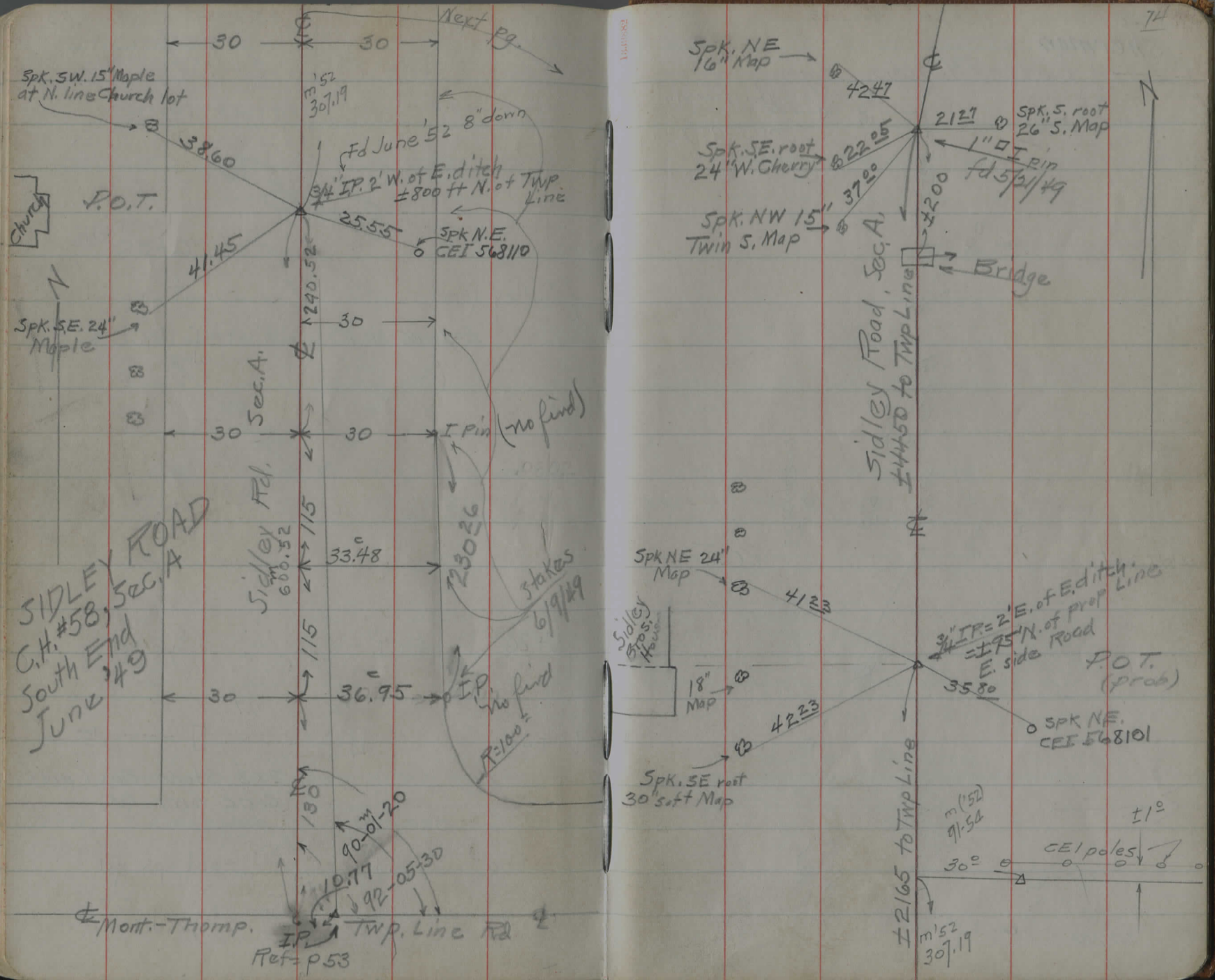
7.0 11.7

72+23

2'x2' Stone Box Culvt
Conc. hwls. O.K.

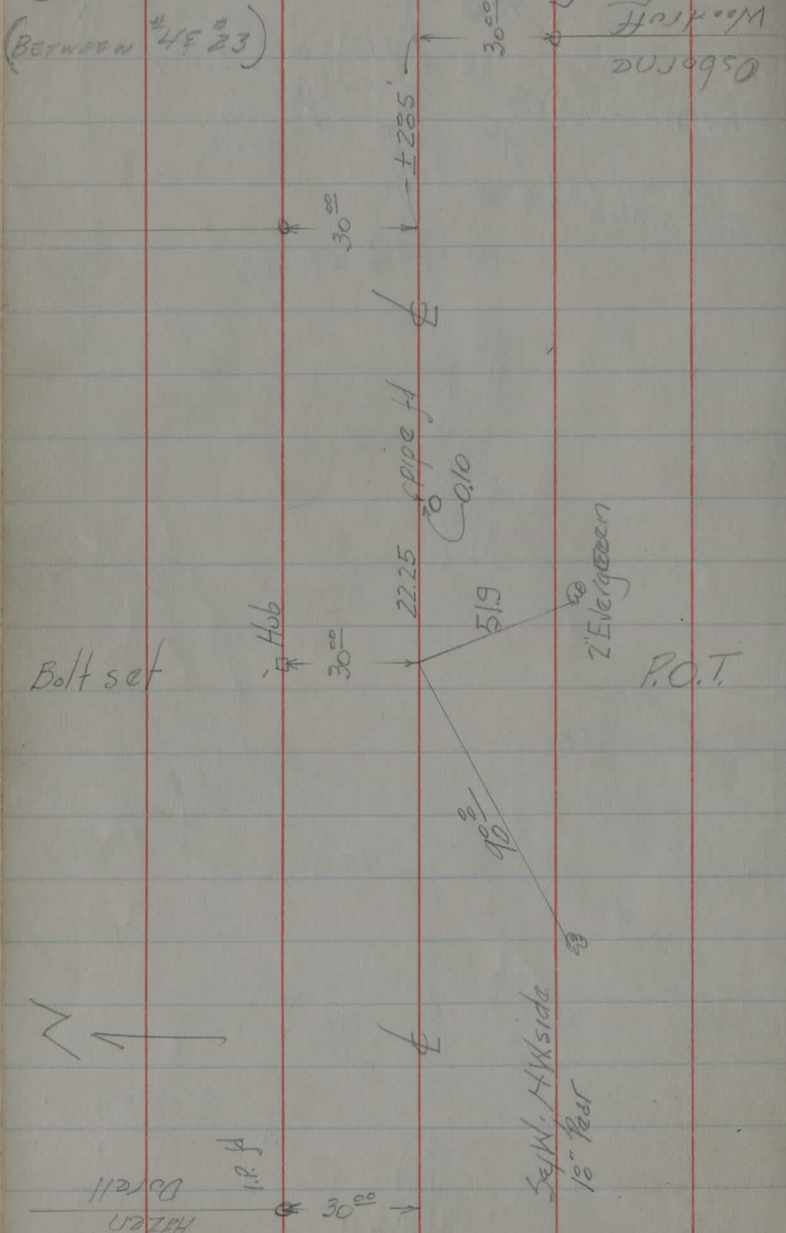
65±00 P.O.T. Boat spk fd

See ref. pg. 52


Next pg.
30
30
Spk. SW. 15" Maple at N. line Church lot
m'52 307.19
Fd June '52 8" down
38.60
3/4" IP. 2' W. of E. ditch ±800 ft N. of Twp Line
Church
P.O.T.
25.55
Spk N.E. CEI 568110
41.45
240.52
Spk. SE. 24" Maple
N
30
Sec. A.
30
30
I Pin (no find)
SIDLEY ROAD
C.H. #58, Sec. A
South End
June '49
Sidley Rd.
600.52
115
33.48
230.26
stakes 6/9/49
115
30
36.95
I.P. no find
R=100±
130
90-01-20
10.77
92-05-30
℄ Mont.-Thomp.
I.P.
Twp. Line Rd ℄
Ref = p 53
Spk. NE 16" Map
42.47
21.27
Spk. S. root 26" S. Map
Spk. SE. root 24" W. Cherry
22.05
1" ⊡ I pin
fd 5/31/49
37°
±200
Spk. NW 15" Twin S. Map
Bridge
Sidley Road, Sec. A.
to Twp Line
Spk NE 24" Map
41.23
Sidley Bros. House
3/4" IP = 2' E. of E. ditch = ±15' N. of prop. line E. side Road
P.O.T. (prob.)
18" Map
35.80
Spk NE. CEI 568101
42.23
Spk. SE root 30" soft Map
±2165 to Twp Line
m'52 91.54
±1°
30°
CEI poles
m'52 307.19

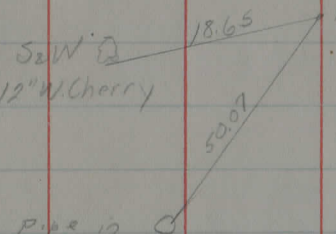
6/5/40 Pomeroy - Richards - Hosford

Sherman
~~Center~~ Road - Munson Highway #97
(Between #4 & #23)

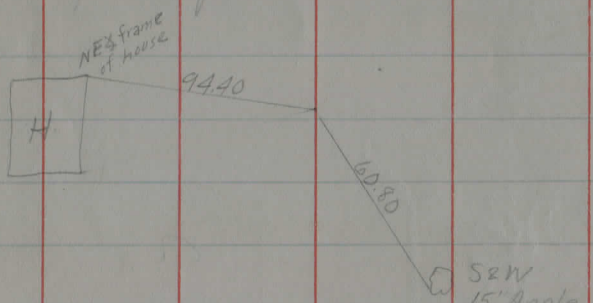


References to PI on Underledge Rd

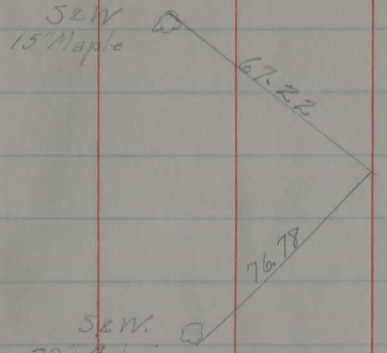
2000' N of Tillotsons Cor. Rd



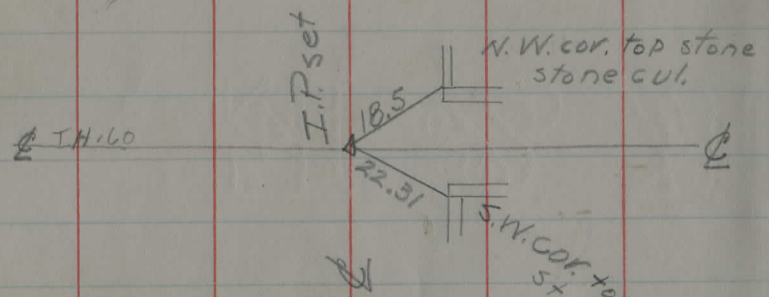
3000' N. of Tillotsons Cor. Rd.
in front of house.

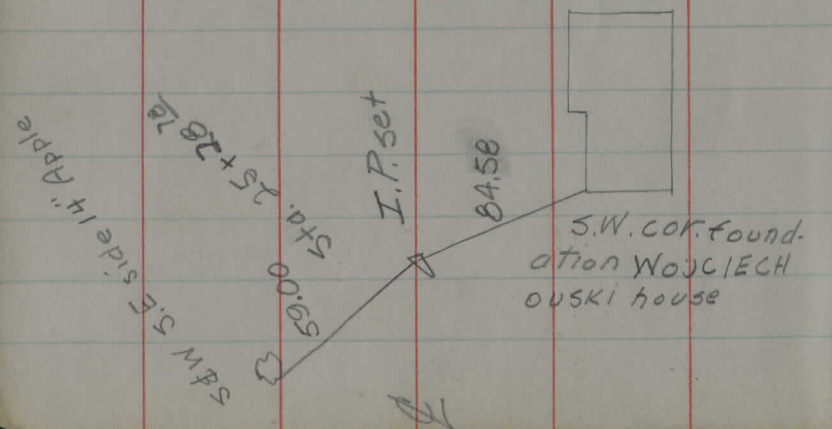


3550' N of Tillotsons Cor Rd
800' S of Kenneys House.



T.H. 54 DEWEY Rd





25 × 30 = 750

~~12 — 60~~

~~6 — 120~~

3 — 240

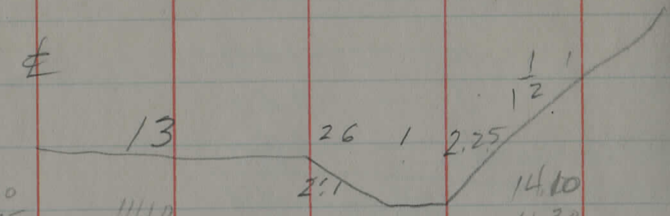
1 — 480

750

78 30

67 50

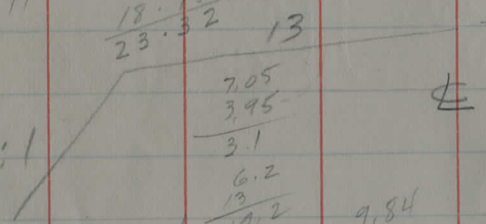
115+25 115+50 1198.72



14.10
10.95
3.15
1.57
4.72
18.75
23.47

14.10
11.05
3.05
1.52
4.57
18.75
23.32

14.10
11.30
2.80
1.40
4.2
18.75
22.95



7.05
3.95
3.1
6.2
13
19.2

6.50
4.15
2.35
1.18
3.53
18.75

9.84
4.14
5.7
2.9
8.6
18.75
27.35

9.84
3.02
4.8
2.4
7.2
18.75
25.95

7.24
5.80
1.44
.72
2.16
18.75
20.91

11.85
3.67
8.2
4.1
12.3
18.75

11.85
5.95
5.9
2.95
8.85
18.75
27.6

23.00
18.75
4.25

21.00
18.75
2.25
2/3
.75
1.50

7.24
1.50
5.74

18.75 = G

3.85
8.85
7.35
1.50
8.85

5.50
3.45
2.05
21.8

5.50
3.36
2.14
1.07
3.21
18.75
21.96

7.0
6.9
1

8.3
6.3
2.0

7.24
6.30
.94
.47
1.41
18.75
20.16

8.5
6.3
2.2

8.2
6.3
1.9

38
13

4.4
1.3

5.74
.24

1.5
1.25
.63
1.87
16.50
18.37

7.24
3.40
3.84
1.92
5.76
18.75
24.51

12.80
7.75
3.05
6.10
13.

12.50
9.75
2.75

5.00
13
18

9.80
8.63
1.17
2.34
13.
15

6.65
3.70
3.
6
13
19

6.70
3.95
2.75
5.5
13
6

10.30
8.63
1.67
3.34
13

10.00
8.63
1.37
2.74
13

10.20
8.63
1.57
3.14
13
16.14

6250.50
65.95
6184.55

90-22
31 +
18 15

89-38

31 23
27 80
343

74.80
85
159.80

29.83
22.03
7.80

79+50
78+70

7600
64.20
7535.80
159.80
7695.60

15735
113
114 51.35
6 30
108 27.35

29
3
87

1.54

2224
1249
1475

76+95.6
5 10
8205.6

10.91

(92-05
184-11)
8/11/40

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

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY.

R.

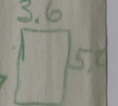
4/8/50.

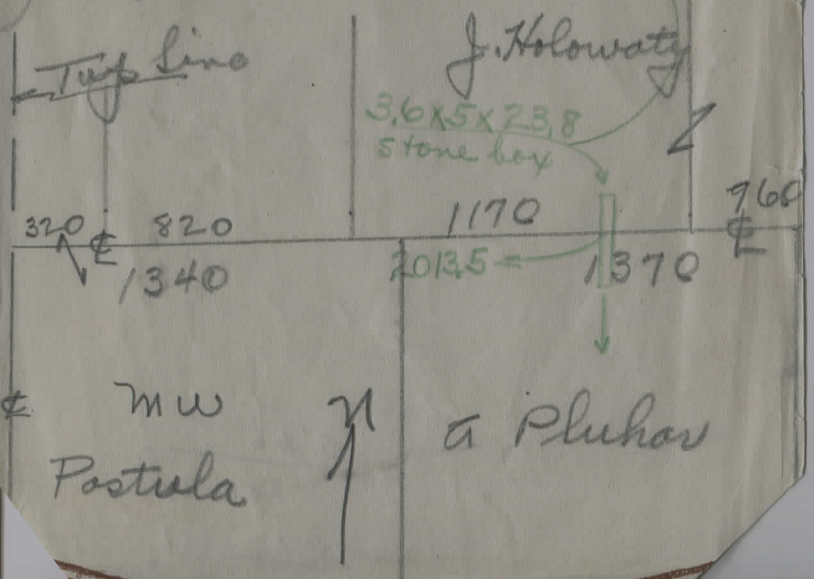
West End Hart Rd

± 3 ft span.

3rd hse E of Kibl Rd

per Mont Trustees





(Welcker survey)

I.R. 150' I.R. 30'

150.0'

30'

740.12 md.
739.52 Deed

County Records

P survey

30'

182'

30'

Survey does not agree with intersection by ±2.60 ft

5/8" steel Pin set

A·O Measures 27.86
A-O References 27.83
Co. Engr.

2 sets Co-ordinates given for Point "O" from Pts. A & B in Co. Engr. Records

O

27.26

A

B

31.66

B-O Measures 31.80'
B-O. References 31.66
Co. Engr.

80°36'30" OBS

488.70 md.
488.62 Deed

30'

100'

(J. Hadden survey)

℄ Plank Rd

(P survey)
These iron Pipes are Not referenced in descriptions and survey does not Agree with Clay St. intersection by nearly 7 feet

I.P. fd

I.P. fd

I.P. fd

I.P. fd

℄ Hart Rd.

℄ Clay St.

Mon. Box
I.P. used

5/8" steel Pin set

N 65.95' Mon.

Mon. Box
I.P. used.

F.B. # 135, Pg. 29

TR 63 Sec. "B"

Rec'd 1/13/82 from J.P. Russell
R.S. # 5549