K & E

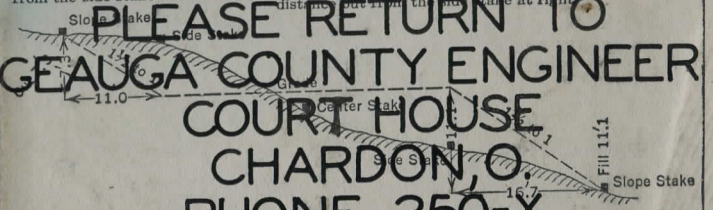
FIELD BOOK

F 360

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
	Distance out from Side or Shoulder Stake										
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

KEUFFEL & ESSER CO., N. Y.

For Curve Tables see end of book.

Book 162

East King Street Pgs 1 to 4

Huntington Street " 6 to 7

Maple AVE " 9 to 10

Chardon Ave Taylor Wells " 12 to 13

Line Data Wells Street CH 28 " 15 to 17

Parkman-Farmington " 19 to 55

Hobart Road (Random line 56-59

" " (Final) 60-

Hobart Road (Profile) 65

OWEN ROAD T.H. 219 70 & 15

LEVELS AT PAGES ON

WELLS ST. 71, 72

Bradford Rd F 213 Ditch levels Pg 77

Bradford Rd. & levels E & W. from Cone s/ab bridge Pg. 78-79

EAST KING St.

Side stakes set at 25' unless otherwise noted

5+25

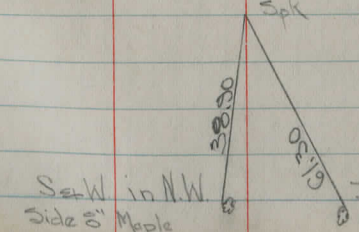
4+49 3'x1'x21.6 Stone Culvert

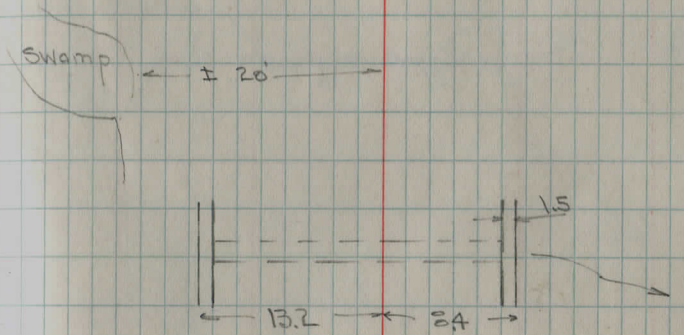
0+33.5

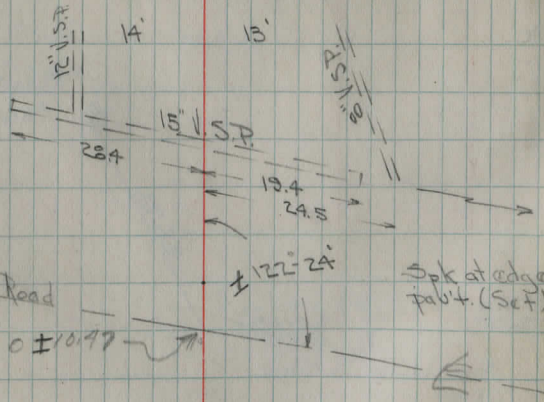
0+13

0+0

0±10.47







13+34

13+28.5 End approach slab

13+09.75

13+04

12+96

12+91.5 Begin Conc. approach slab

12+04

±11+70

Set W. in SE Side 20" Elm

80.70

11+08.43

32.87

Set W in S. side 14" Apple

11' 16' 13+45 2

±Moffat Ave

33'

M.H @ 2'

sidestake

8' 13'

C.B 9.6'

±35'

Mon. Deisings 166.5

SW Cor. (deed=165.0

Spike (Set) P.O.T

16+0

16+98

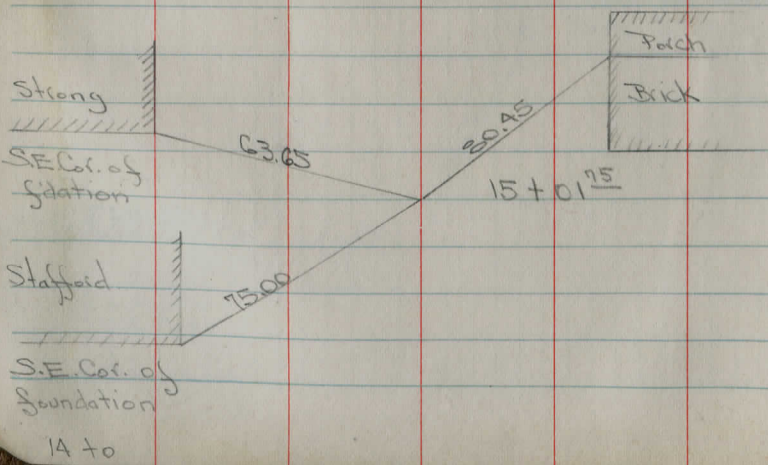
16+0

15+38

15+32.5

15+10

15+06

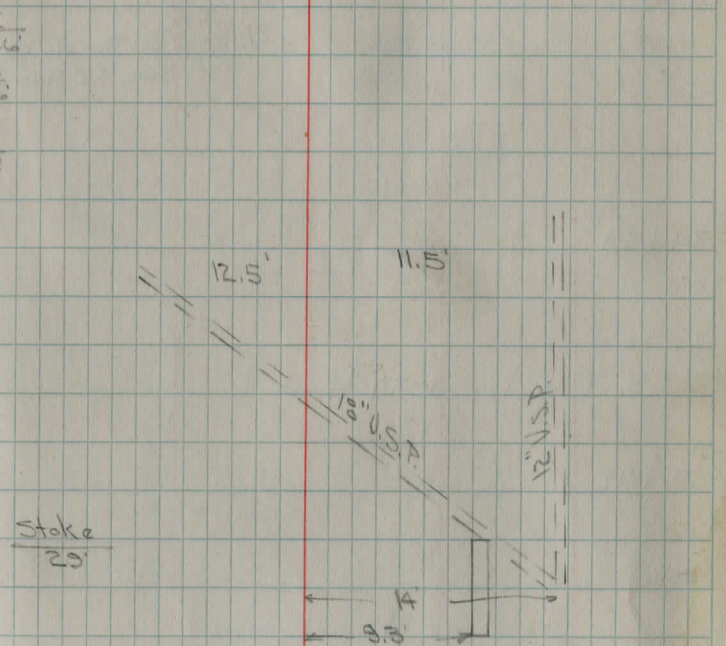


14+0

Stk 26'

Stk 26'

Stk 26'

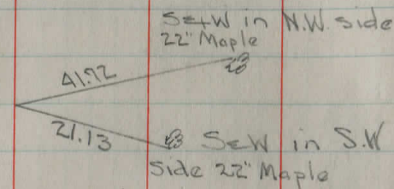


Spk. (Set) Δ = 1°-01' Lt

Stake 26'

25+32.12

24+89.30



24+59.5

20 to

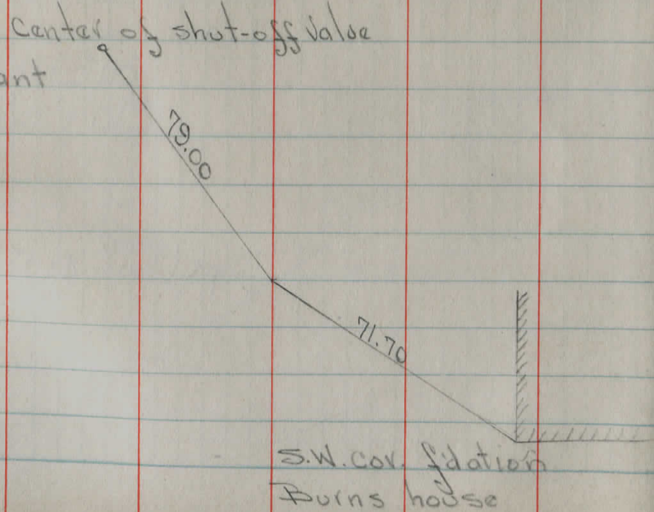
C.E.I poles ±9.7 W. of ℄

19+72

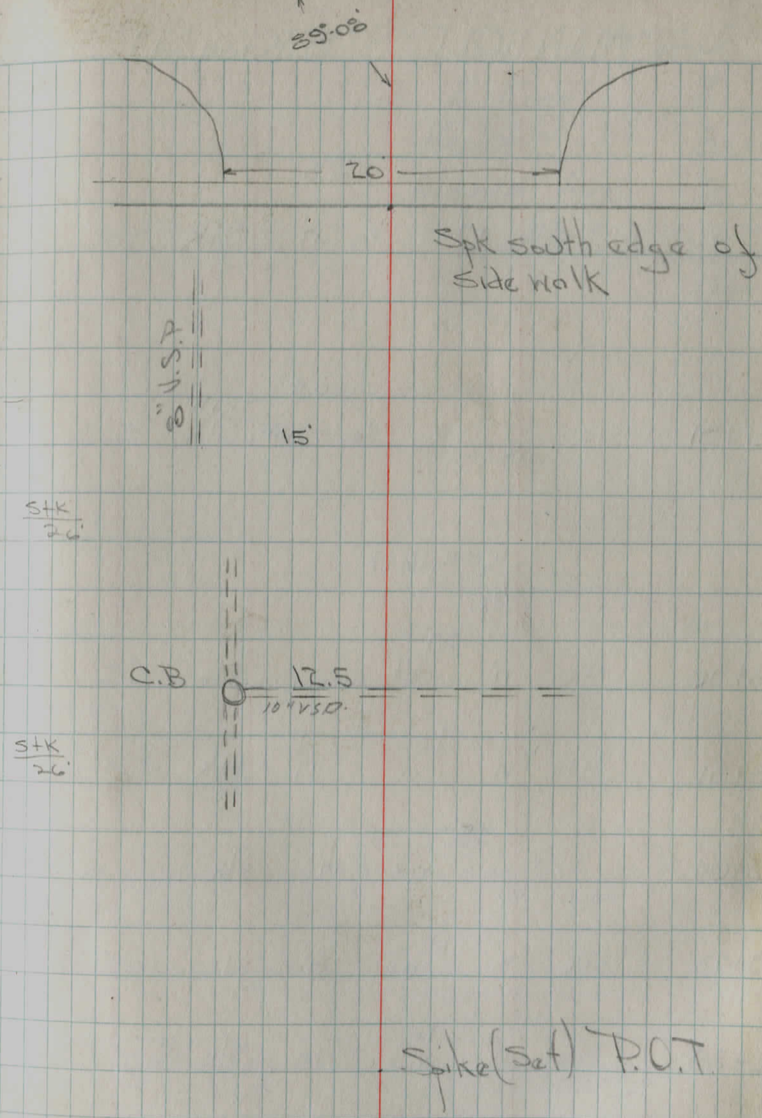
19 to

H₂O Hydrant

18+23.65



℄ South — Hambden



MANHOLES (E. King St)

23+63	stk 17'	2.3 ↓ 0	17'	stk
21+91	stk 17'	0.5 ↓ 0	17'	stk
18+90	stk 17'	H_2O Hydrant 19.5' 0		
15+91	stk 17'	1.0 ↓ 0	17'	stk
13+04		1.5 ↓ 0	17'	stk
9+73	stk 17'	1.5 ↓ 0	17'	stk
6+39	stk 17'	1.0 ↓ 0	17'	stk
3+19.5	stk 17'	1.0 ↓ 0	17'	stk

	Total
E. King	8
Hunt.	3
Maple Ave	2
Chrdin Ave	1
	14

½" Below ground

5" Below ground

5" Below ground

½" Below ground

Flush with Conc. Apron end of Moffat Ave

3" Below ground

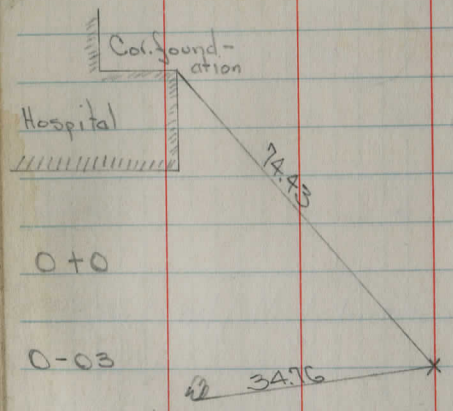
2" Below ground

3" Below ground

Huntington Street

4+26

4+10



0+0

0-03

S & W in S. Side 20" Maple

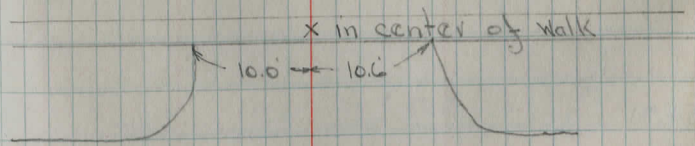
0-41 30

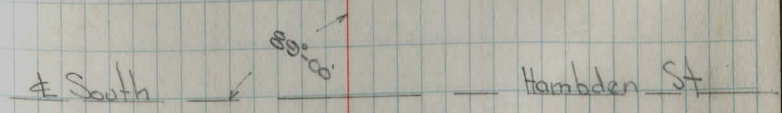
Stakes set at 25 unless otherwise noted

± Goodrich Court

C.B. 13'

North edge of walk





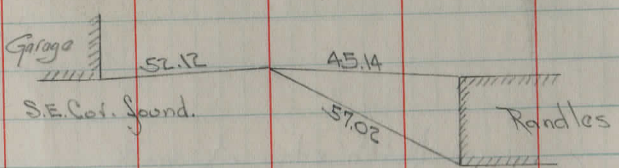
℄ North — Hambden St.

8+69 62

8+39 65

7+05

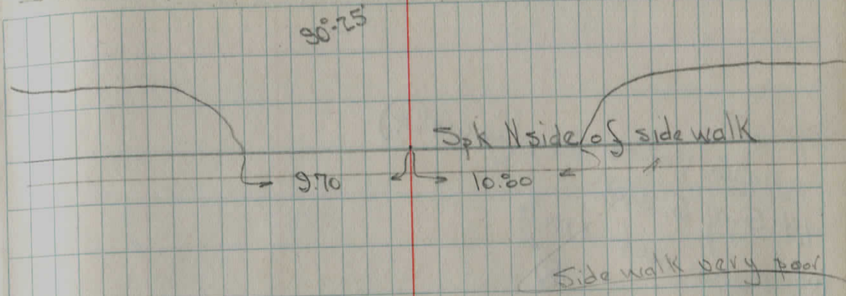
6+60 76



3/2 26

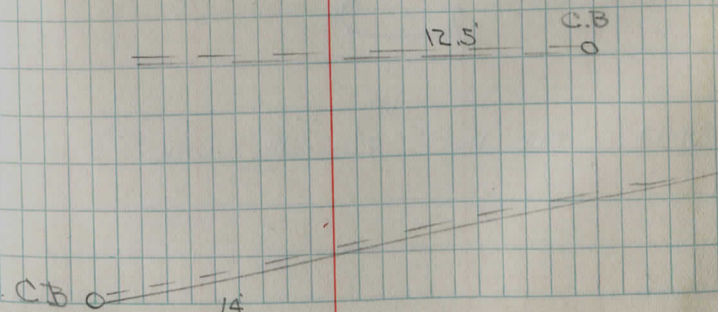
5+51

4+46



Stk

Spk (set)



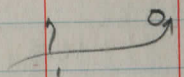
M.H. (Huntington St)

Water Valve box (in walk)
1.4 S. of S. end
W. turnout curb

6+98 ○ 24' stk 35' stk

6" Below ground

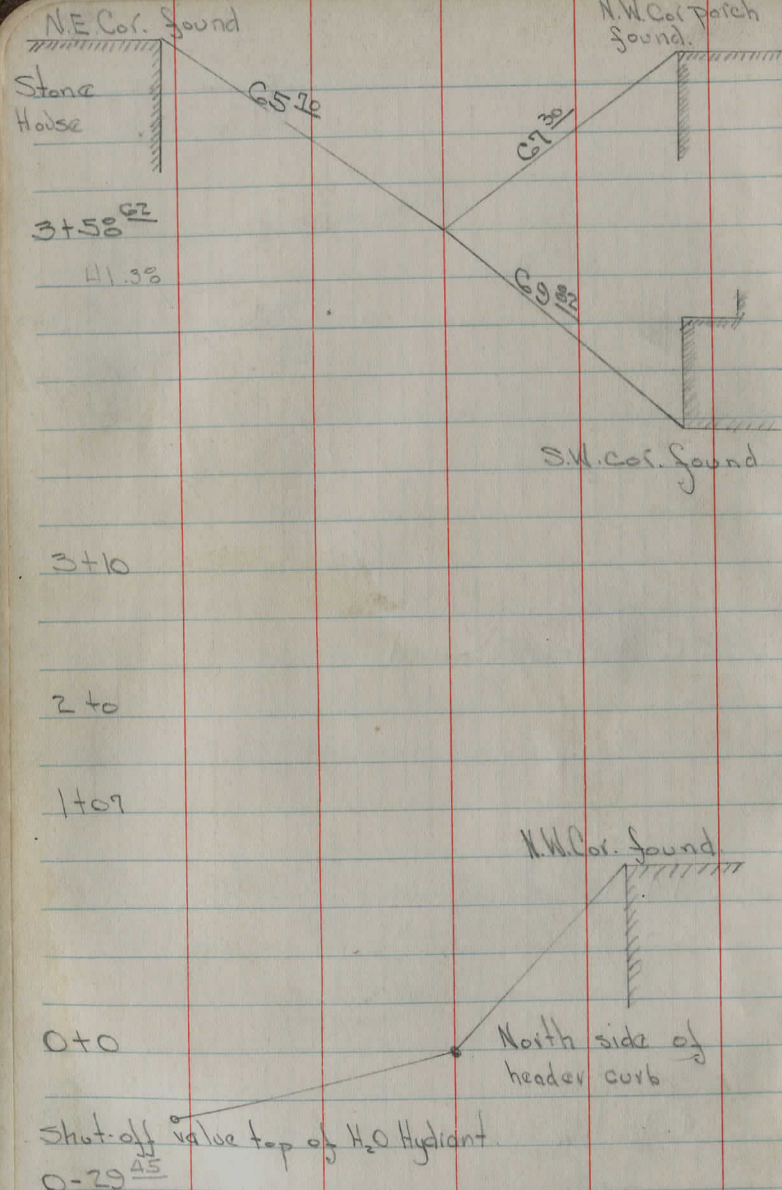
5+23 stk 15' 0.6 ○↑ 15' stk



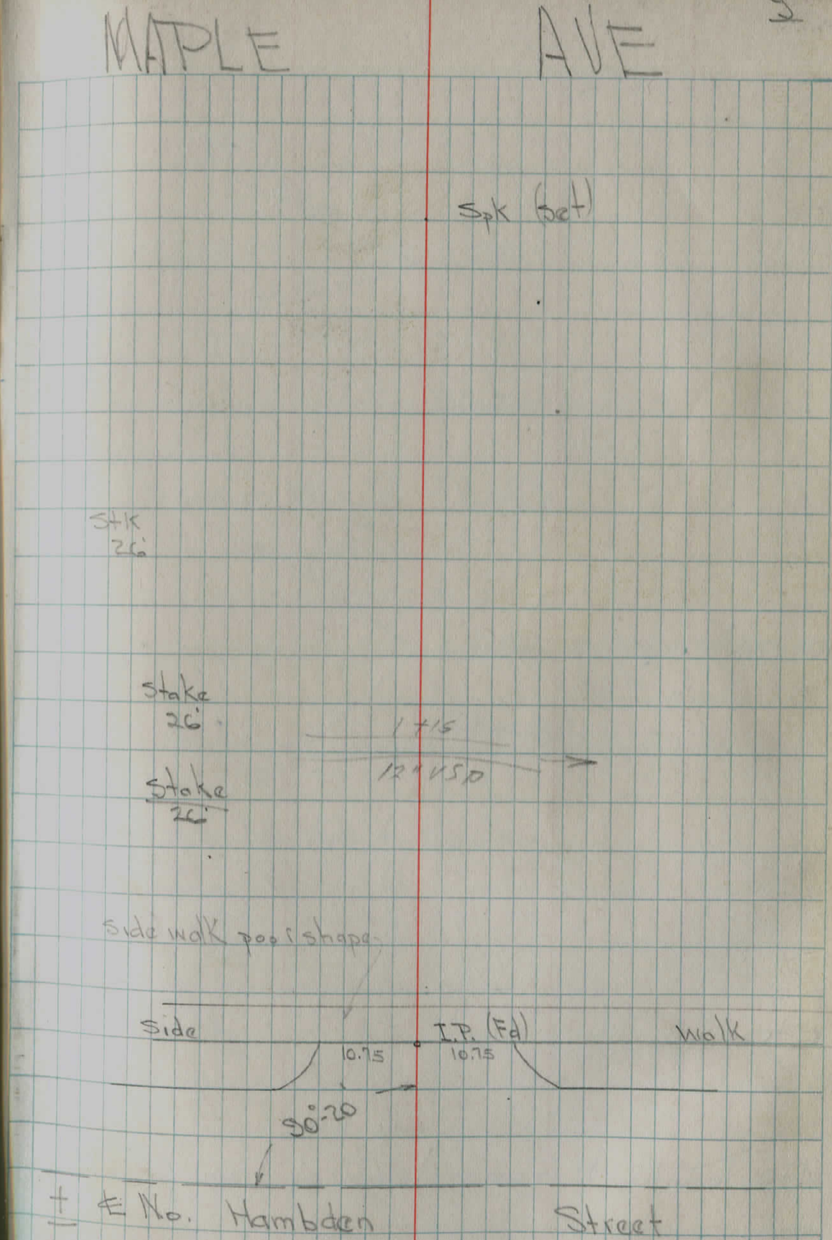
± 1.4" Below ground

2+47 stk 15' 1.5' ○↑ 17' stk

4" Below ground



Stakes set at 25' unless otherwise noted

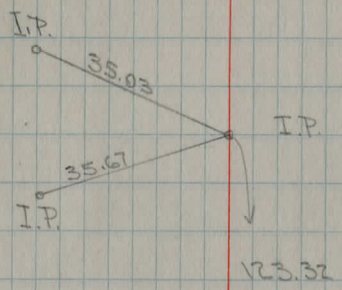


10 +24 28

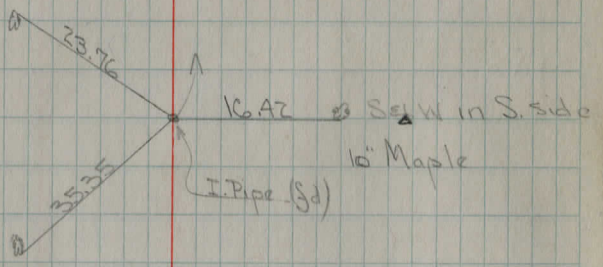
6 to

4 to to 6 to ℄ is on east edge of traveled road

4 to



S ℄ W in NE. side 4" Wild Ch.



S ℄ W in SE. side 4" Wild Ch.

Last stk

Stk
26

MANHOLES (Maple Ave)

4+32.5	stk	17'	0	17'	stk
2+07.5	stk	17' (0.5)	0	17	stk

5" down.

3" Below ground

CHARDON AVE

6+38

6+16

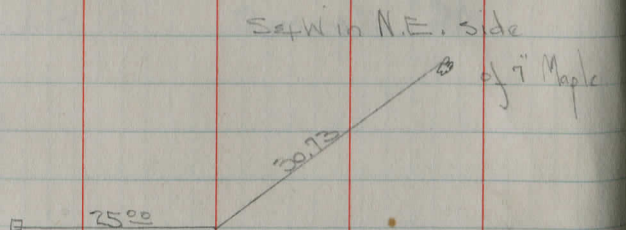
6+0

5+10

4+82

4+10

3+43



0+0

Conc. Mon at dor.
of Catholic parsonage

Stakes set at 20'

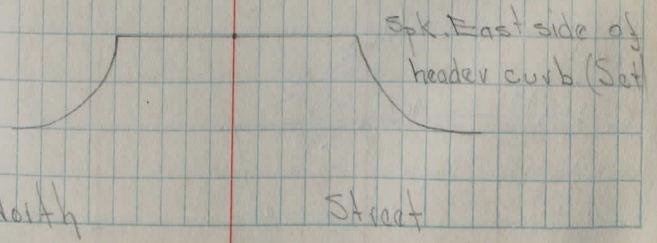
C.B 12.5

Approx. P.C. of Curve
S+K

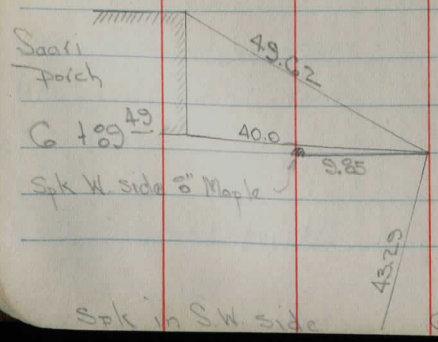
C.B 15.5
S+K

14.5 C.B.

14.5' C.B



North Street



Stk in 9.5 → 0

← Prolongation of tang. to west

Pipe (fd)

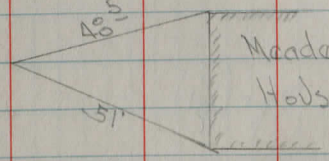
P.I. of Curve

M.H. Chaddon Ave

℄

5/20/39

2+81.5 Stk 20



℄

Stk 17' ← 9.5' → 0

Prolongation of tang

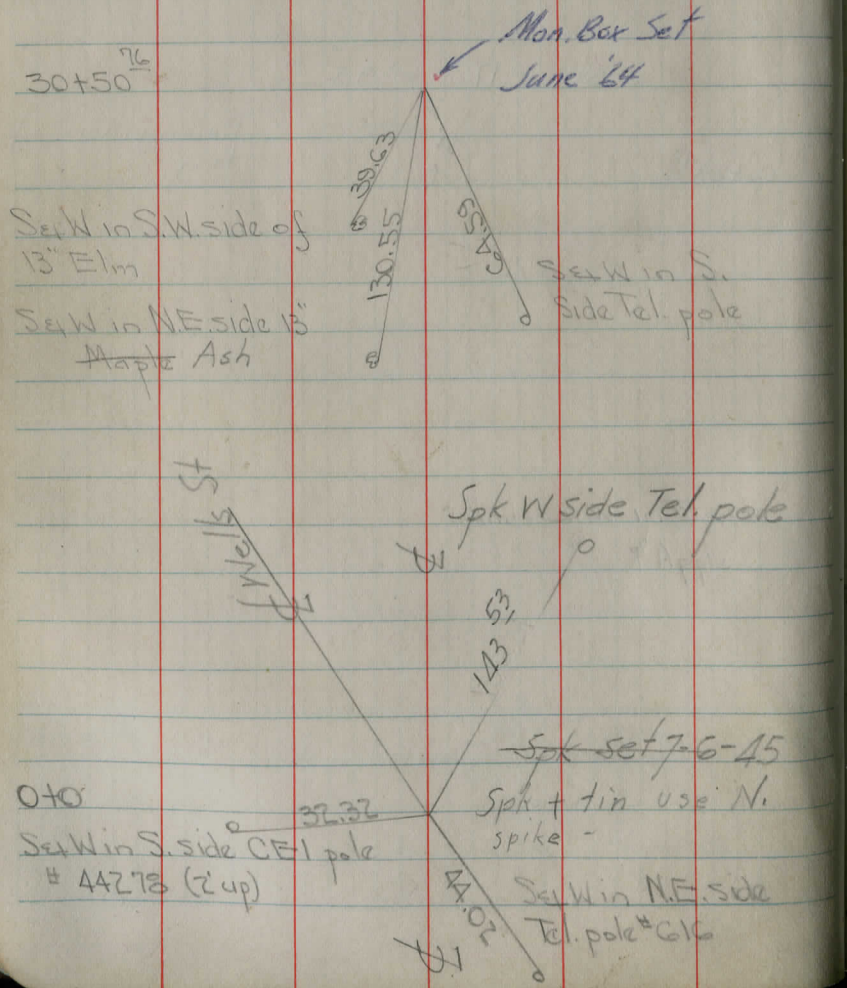
24'

6+89.49

3" Below ground

WELLS STREET

5/24/39 Pomeroy Clause Willman



P.O.T. ▲ Iron pipe (fd) 1' down

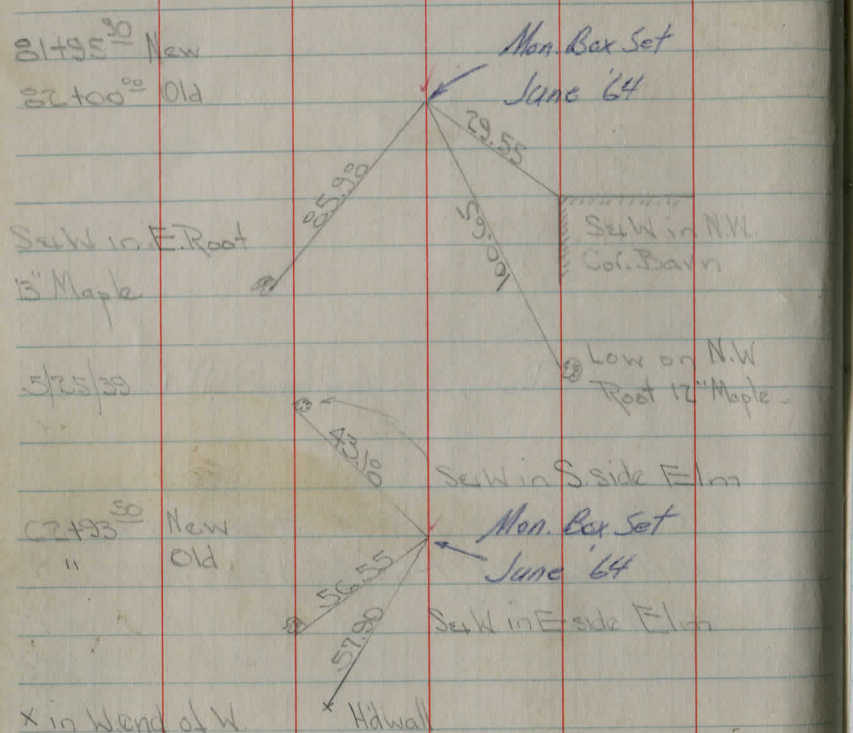
Note: Spikes set from ref. at all points (7-6-45) except 102+96 24

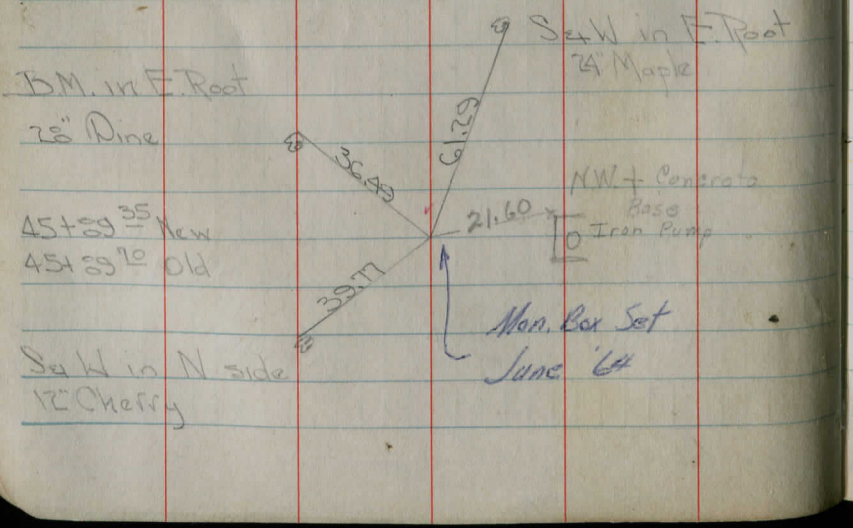
Iron pin (fd) 2' down ▲

2' Post

Davidson

Burton

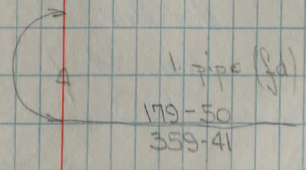


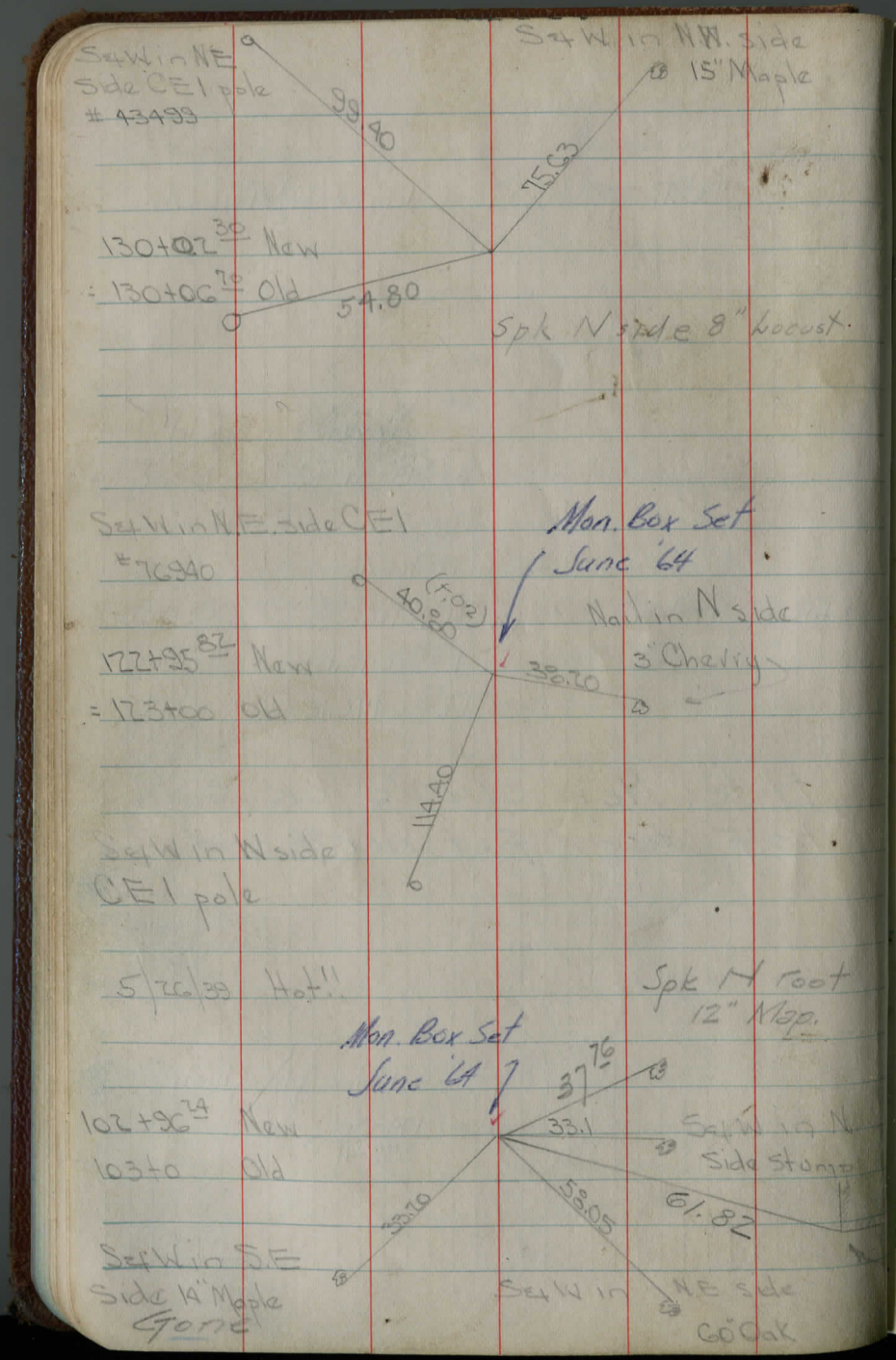


P.O.T. ∆ 1 pipe (fd) 1' down

	New	Old
	Δ = 19°-51' Rt	19°-50' Rt
	D = 8°	12°
	T = 125.45	83.48
1 Pipe (fd) 2' down	P.C. = 61+68.05	62+10.02
	L = 248.13	1 65.28
	P.T. = 64+16.18	63+75.30

Note: New curve OK south half doesn't fit north end





130+74.00 ℄

Sedge Cone Road

1. pipe (fd) 3" down

124	-	6"
123	-	1'-0"
122	-	1'-6"
121	-	1'
120	-	6"

To Far West For ctr. trav. Rd.

1. pipe (fd) flush

181-26

Spk Set South end of tin 8-11-45

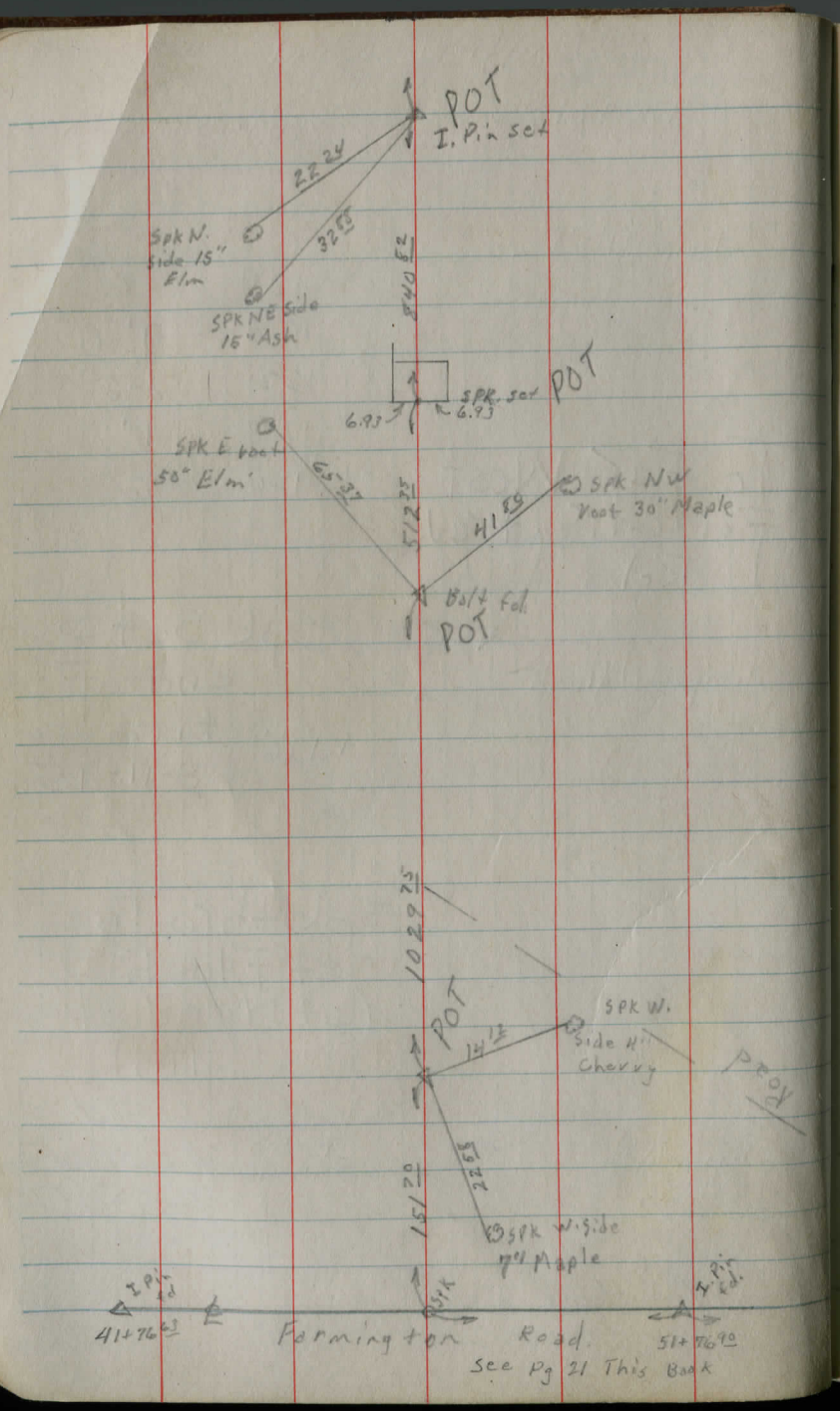
Spk thru tin Set Flush (at N end of tin)

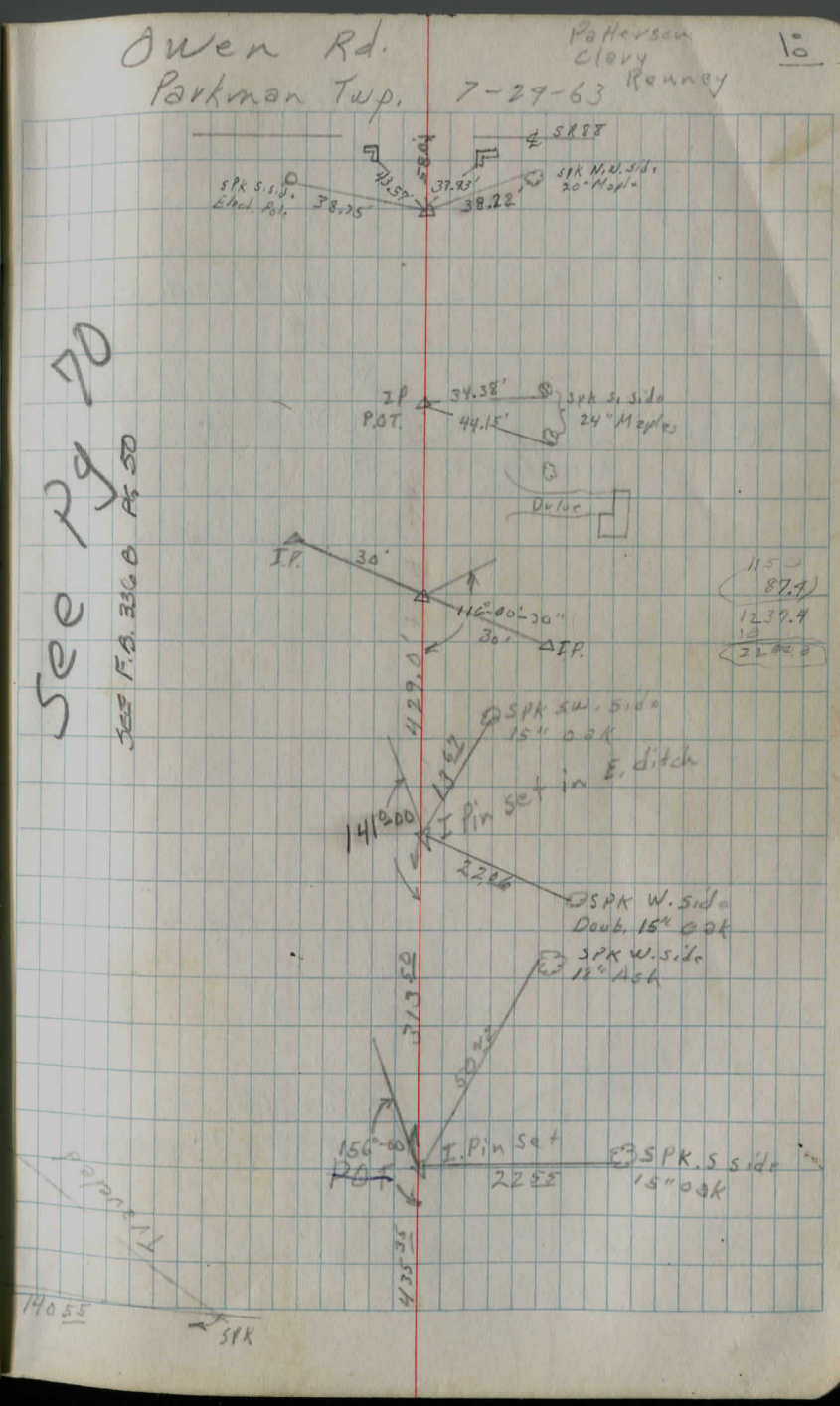
1. pipe (fd) 2" down

179-53
358-46

1. P. Fd ℄ ref 7-6-45

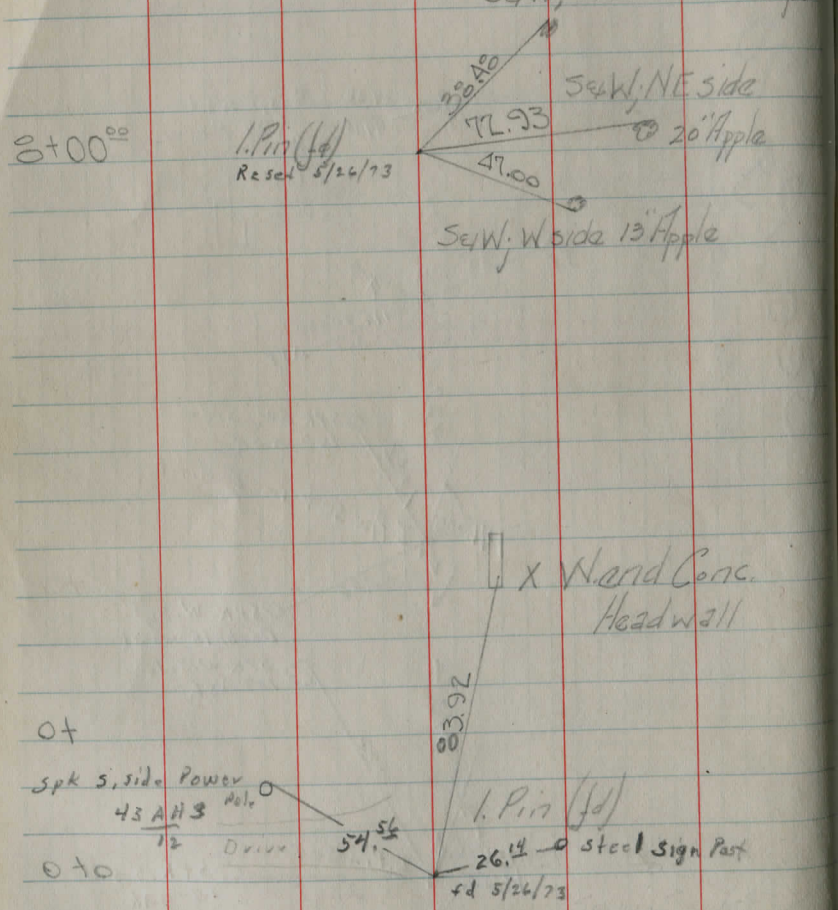
S. W. & House Foundation


POT
I. Pin set
22.24
32.85
Spk N. side 15" Elm
Spk NE side 16" Ash
Spk E root 50" Elm
65.27
41.85
Spk NW root 30" Maple
Bolt Fd.
POT
SPK. set
6.93
6.93
POT
102.75
POT
14.12
Spk W. side 11" Cherry
Prop.
151.20
22.65
Spk W. side 9" Maple
I Pin Fd.
Fd. Spk
I Pin Fd.
41+76.63
Farmington Road.
51+76.90
See Pg 21 This Book

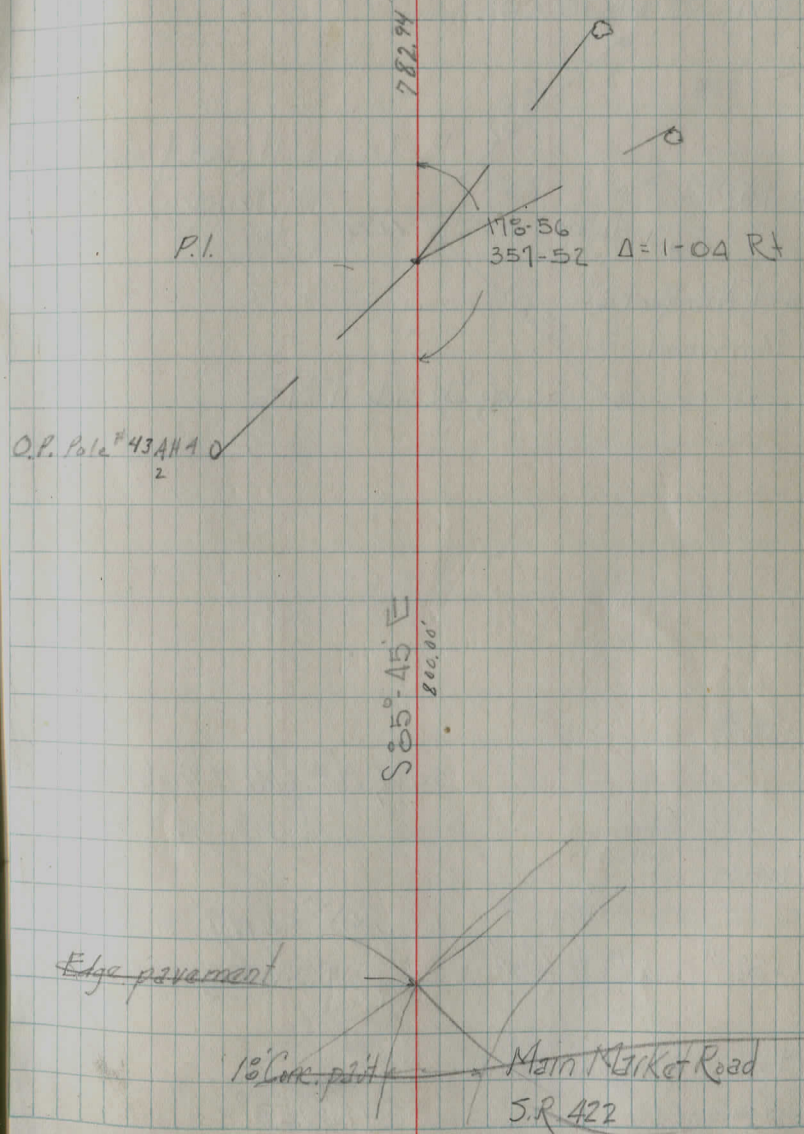

Owen Rd.
Parkman Twp. 7-29-63
Patterson
Clary
Rooney
10
SR 88
Spk S.S.D. Ehod. Pol.
38.75'
43.59'
37.25'
38.22
Spk N.W. S.S. 20" N. pole
See Pg 70
See F.B. 336 @ Pg 50
IP
P.O.T.
34.38'
44.15'
Spk S. side 24" Maple
Dwlgs
IP.
30'
116°00'30"
30'
IP.
115
87.4
1239.4
22.84
112.10
Spk SW. side 15" oak
141°30'
I Pin set in E. ditch
22.86
Spk W. side Doub. 15" Oak
Spk W. side 12" Ash
313.52
50.43
156°-00
I. Pin set
22.55
Spk S. side 15" oak
435.35
140.55
Spk

11/13/39 P.M.
Pomeroy
Clause
Snow squalls

Parkman – Farmington



County Highway #10



Set W; SE. side 15" Map.

1+36

40.02

Iron bolt (set from references)

29+92.64

41.32

ed "73"

Set W; NE. Root 6" Ironwood

45.02

Set W; SW. side 11" Map.

17.06

Set W; NE. side 12" Triple Oak

Pomeroy Richards Clause Farr - Warm

11/15/39

51.14

Set W; SE. side 12" Triple Oak

15+02.94

I Bolt (set)

41.90

38.22

Note: Plumb 6 for all references.

Set W; SE. Side 6" Oak

177°-35'

355-10'

P.I. Δ = 2°-25' Lt

140.20'

179°-29'

358°-59'

P.I. Δ = 0°-30'-30" Lt

I. Pipe fd 4/25/73

Drive

64.32

66.67

Spk S.S. side Power Pole # 43 AH 4/6

Spk, N.S.d. 18" Oak

Bolt fd 10-25-42
& reref.

Bent spk. & Wash.
NW side
12" Map

53.64

Spike
Set W; E. side 14" Hickory

Stump
2.5 Up

23 10

60° 00'

51 + 76 90 I Bolt (set from ref.)

75.29

Spk. & W E root
32" Maple

50 + 56

23 37

X N.W. & Conc. Headwall
SE ∠

29.97

31.61

41 + 76 63 I. Bolt (set)
I Pin fd. "73"
Fd 08/31/92

32.10

Set W. W side light pole

47 to 53 incl staked
30' both sides
8-10-43

Spk. S. side Power Pole #43 AG 5

107.63'

Power Rd

178-38
359-16

P.I Δ = 1°-22' Lt
fd 4/25/73
Fd 08/31/92

Sign Post & 25.25

93.02'

Spk. S. side Power Pole #43 AG 3
6

Approx. ℄ Side Road (Abandoned)

120.27'

P.I. Δ = 1°-38' Rt

178°-22'
356°-44'

43 AG 4
11
Elect Pole

Sq Wj; S.W. Root 13" Map

70.83
00.06
00.30

Sq Wj; NE side 13" Map

69+09.38 1. Bolt (set)

41.45

29.50

Bent Sq Kl; N.Kl. side 21" Map

57+93 Approx ℄ Side Road. (New location)

1713.74

180° 12'
0° 24'

P.I. Δ = 0° 12' Rt

± 152°-00

± 200'

Spike, W. Side 28" Map.

4 21

36 23

20°-10'

80

96+95 19 1. Bolt (Set) Spike, W. Root

fd. "73"

43.70

20" Map.

26.33

18

Spike, N.W. Root 18" Map.

86+18

85+92 Appln. to Side Road Closed by Order of Trustees.

85+42

Spike, N.E. side 20 Map.

39.88

80+23 12 steps III Drive 67.60 1. Bolt (set)

fd "73"

Spike, E side 30" Map.

41.17

Spike, N.W. side 24" Map.

77+40

P.I. Δ = 0°-27'-30" Rt. 179°-32'-30"

Hobart Road

± 90°

179°-15'

358-30'

P.I. Δ = 0°-45' Lt

73.15 Δ 1.8.

139 + 97 95

Sq W; side 6" Twin Elm.

Spikes, side Twin Elm

67.72

26.03

Sq W; W side Lft Pole

Metal fence post set in Conc.

24.60

139 + 72 45

30.00

1 Bolt (set)

I.P. "73"

Sq W; SW. Root 4 Oak

1 Bolt (set)

40.02

122 + 30 14

27.70

td. "73"

36.45

Sq W; E. side 10" Wal.

Metal fence post

156.

Sq W; N.W. side 10" Wal.

± 161-35

P.I. Δ = ± 18° 25' Lt

E = ± 13.5'

Approx. County

± 91-40

End Project

Line

Spike S.S.T. O.P. Pole

#43 AE

11

61.24

179°-56'

359-53

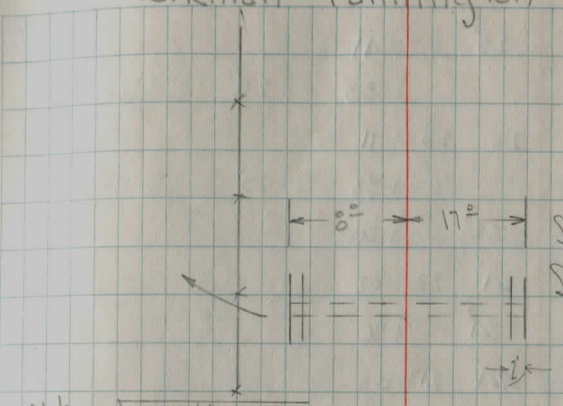
P.I. Δ = 0°-03'-30" Lt

11/22/35 Pomeroy Richards Clause
Foggy- 38°

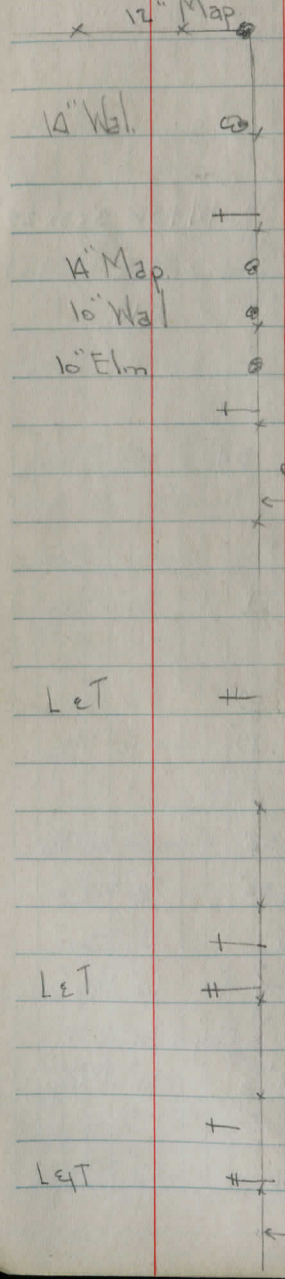
Topography

			7+21	26'	16" Map
			±7+15		Appior P.L.
L&T	++	21'	7+79		
			7+22	34'	6" Map
L&T	++	21'	5+97		
			5+75	±42'	Garage
			5+25	18'	House drain
L&T	++	20'	4+12		Inn
			3+95	±75'	
			3+13	±55'	Gas Sta.
			2+80	16'	Dirt 6" V.S.P.
L&T	++	22	2+41		
			2+50	22'	Comm. Sign
L&T	++	22'	1+07		
			0+86	18'	12" Enc. V.S.P.
			0+82	17'	Road Sign
Comm. Sign	21'	Road Sign	11'	0+36	
Gravel	Wood box		13'	0+22	
	M.B		13'	0+10	

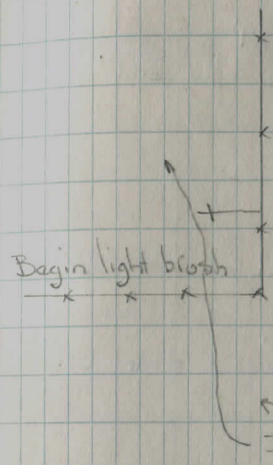
Parkman · Farmington Road



			14+03		
			13+81	34'	14" Elm
		24'	13+74		
L&T	++	24'	13+32		
			13+17	31'	14" Map
		26'	13+65		
			12+57	29'	6" Apple
			12+58	29'	16" Map.
LT	++	24'	12+52		
			11+18	32'	6" W.Ch
			11+90	32'	6" W.Ch
			11+56	25'	9" Elm
			11+30	28'	14" Map (dead)
			10+0		Begin brush
			10+0	28'	14" Map
LT	++	26'	9+63		
			9+15	26'	12" Map



25'
+41
+33 25' 6" Oak
28' 23 +11
+52 29' 10" Map.
22' +20
24' 22 +02
24' +76
24' 21 +03
21' +61
20 +06
+
+59 32' 12" Oak
+52
22' +13
23' 17 +12
+
+65 33' 6" Oak
26 +60
25' 15 +20



+38 ± 50'
25' 21 +0
+
26' 26 +55
26+0 3.5 x 1.5 x 2'
12' 9' Stone Box
Poor
± 70 End brush P.L.
+45 29' 6" Map
+34 30' 8" Map
Dirt +26
+21 29' 6" Map.
M.B. 13' 25 +03
+06 27' 14" Ash
+77 26 9" Ash
16" Ap. 27' +71
+62 28' 29' 6" Map 9" Elm
+28 28' 6" Elm
Dirt
H
+16
± 250' 24 +10
14" Apple 25 +91 25' 6" Map
23' +80

N S

			38+01	27'	
			+96		Dirt
13" Wal.		34'	+66		
		28'	37 +59		
		34'	36 +83		
	Osage Hedge		35 +92	27.5'	L&T
11" Map.		26'	34 +14		
		33'	+80	28'	L&T
15" Elm		30'	33 +57		
		27'			
		24'	32 +24		
			+13	24'	
			31 +71	27'	L&T
10" Map.		31'	+41		
15" Map		31'	+30		
		25'	30 +19		
			+87	25'	L&T
11" Map.		30'	+52		
Unused	Dirt		+30		
12" Map.		30'	+10		
1" Map		31'	29 +06		
		25'			
			+82		Dirt Dr.
			+		
			+71	12	M.B.
12" Ap.		27'	28 +11	27'	L&T

Woods

N S

Sta. 42+05 Conc Slab Top Bridge

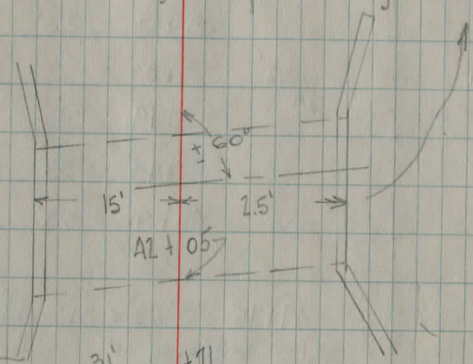
Stone Abut's & Wings. Pipe railings. Exc. cond.

Span 14'

Length 18.5'

Height 4.5

Roadway 14.5'



L&T		31'	+71	
End	+50'		+65	
Light brush			41 +07	31'
		28'	+80	
			40 +14	29'
		Dirt 40'	+99	Dirt Plank over
L&T		36.5'	+91	
			+76	12' M.B.
			+63	21' 4" Map.
			+24	13' M.B
		28.5'	+19	H
			39 +11	± 90°
			38 +05	28' T&L

N S

P.L Side Road

12"×6' Corr. I.P.

End of brush

Left

brush

light

6' Wal.

Pasture Dr.

Left

Left

Left

Left

		45+56		
14'	29	45+45	29	53 3' Oak
	28'	+12		
		50+11		
	32'	49+81	30'	43 14" Map
	29'	+93		
		+74	33'	P.L.
		+45	33'	2-10" Pig Hick
	18'	48+40	33'	13" W. Ch.
		+70		
		+48		
		+11	31'	22" Elm
	31'	47+09		
		+77	27'	22" Elm
		46+32		
	32'	+54		
	33'	45+36		
		44+32	34	RR Map
	31'	43+51		
	28'	42+33		

47+75 3'×3'×3' Stone Box Culvt.
Roadway 20' Part sidewalls
12' 19'

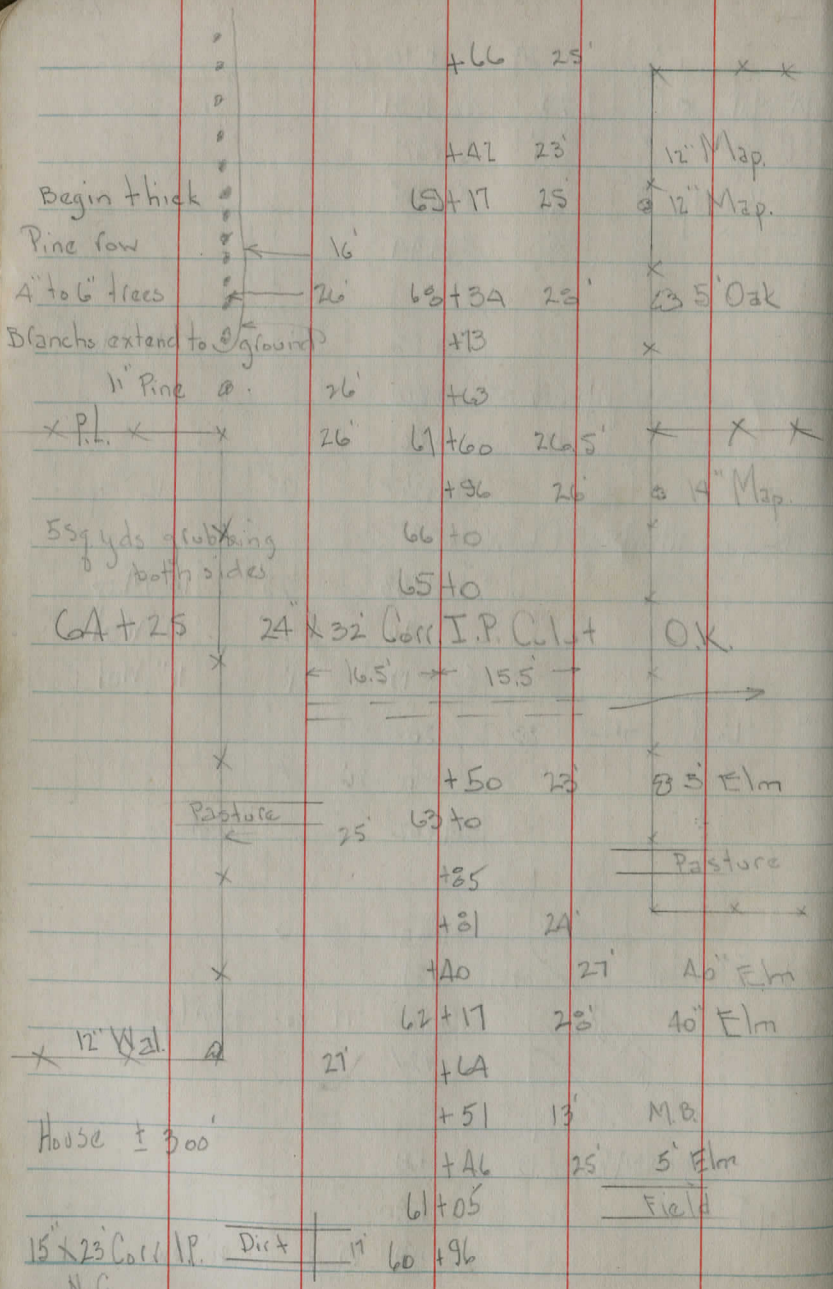
N S

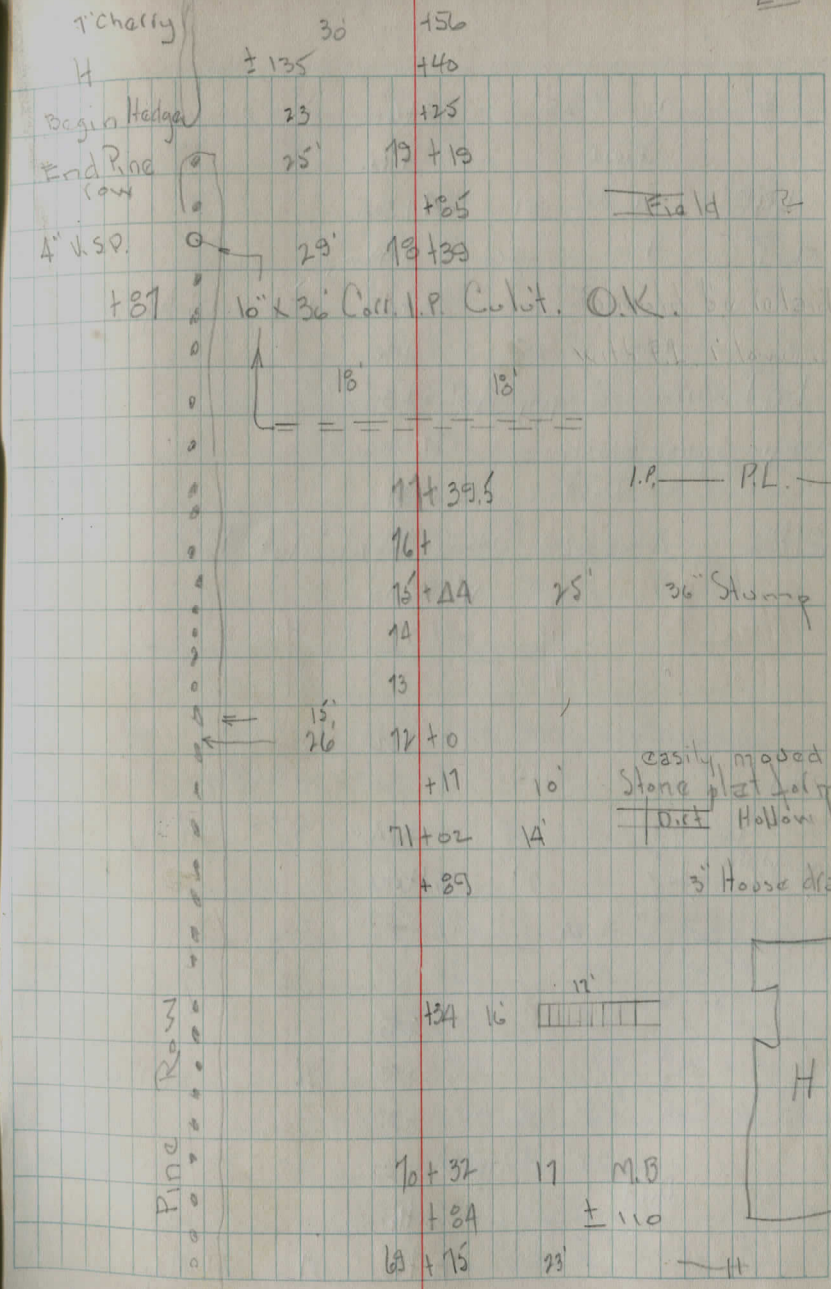
20

	24'	+70		
	29	60+31		
	27'	+62		
	26'	59+25		
	30'	58+74		
		57+0		
		+80	20'	14" Map ✓
33' Guywire	28'	+80		
	25'	+66		
		56+52	25'	12" Map ✓
Began 11/24/39 Cloudy - 38°				
		+63	23'	10" Map ✓
		+46	23'	12" Wal ✓
		55+19	21'	11" Wal ✓
	33'	50		
		+10	26'	
		54+02		Pasture
		+95		
	32.5'	+81		✓
		52+28	17'	12" Map
		+22		
	13'	+99		
	32	+90		
		50+19	27'	20" Oak

Side Road

M.B.


+66 25'
+42 23'
12" Map.
Begin thick
69+17 25'
12" Map.
Pine row
16'
4" to 6" trees
26'
68+34 28'
35' Oak
Branches extend to ground
+13
11" Pine
26'
+63
P.L.
26'
67+60 26.5'
+96 26'
14" Map.
55 sq yds grubbing both sides
66+0
65+0
6A+25
24" x 32" Corr. I.P. Clst
O.K.
16.5'
15.5'
+50 23'
35' Elm
Pasture
25'
63+0
Pasture
+85
+81 24'
+40 27'
40" Elm
62+17 28'
40" Elm
12" W.M.
21'
+6A
+51 13'
M.B.
House ± 300'
+46 25'
5' Elm
Field
61+05
15" x 23' Corr. I.P.
Dirt
11'
60+96
N.G.


1" cherry
H
30'
+56
± 135
+40
Begin Hedge
23
+25
End Pine row
25'
19 +19
+85
Fig 14
4" W.SP.
29'
18+39
+87
16" x 36" Corr. I.P. Clst. O.K.
18'
18'
17+39.5
I.P. P.L.
16+
15'+A4
25'
36" Stump
14
13
15'
26'
12+0
+17
10'
easily moved Stone flat top
Dirt
Hollow log
71+02
14'
+89
3" House drain
12'
+34 16'
Pine
H
70+32
17
M.B
±110
69+75
23'

	+	25'	85+60			
	Field		+70			
Left	+	27'	84+38			
P.L.?	+	26'	+99			
			83+48	25'	13" Apple	
	+	25	+40			
Left	+	26 Guy	19.5' +38			
Begin sparse blush			82+0			
	Dirt		+94			
81+58	4'x2'x2.5' Stone Box Cult. Fair					
		12' → 13'				
			+32			
Hedge →						
			+24	36'	12" Mag.	
Conc. Station		27'	81+00			
	24'					
Pine Row						
			+95			
Begin Curve			+53	26'	24" Mag.	
		25	+33			
	Sign	MB 18' 16'	+29			
	Dirt		80+10			
			79+90	27'	24" Mag	

		93+0	34'	22" Pine	
Left	+ 26'	+47			
	Dirt	+20	34'	14" Mag	
	+ 23'	92+01			
		+41	31'	13" Mag	
		91+11	31'	12" Mag.	
		+79	31'	13" Mag.	
Left	+ 26'	+31			
		90+06	32'	26" W. Ch.	
	Field	89+80			
		+90	33'	18" Mag	
	+ 25'	+80			

Note: Check profile to find low spot

88+40	16'x32.5 Conc. I.P. O.K.				
		16' → 16.5			
Left	+ 27	88+36			
		+70	33'	24" Pine	
		87+38	29'	28" Elm	
		+95	29'	6" Apple	
		+54	29'	12" Mag.	
Left	+ 26'	+38			
		86+25	29'	12" Mag	
85+92	Approx. E. Side Rd P.L.				

N S

+47 26 12" Ash

97 +11 25' 18" Map.

+95 26'

+89 25' 14" Map.

24' +82

+55 28' 14" Stump

+41 25' 12" Map.

Left 26' +27

96 +16 25' 13" Map

+87 ±75

+87 25' 12" Map

+55 13' 2 M.B.

+39 15' Gravel 6"x27' N.S.P.

24' +24

95 +15 25'

Left 26' +37

94 +26 34' 24" Pine

+93 34' 11" Map.

M.B. 11' +80

H ± 130' +78

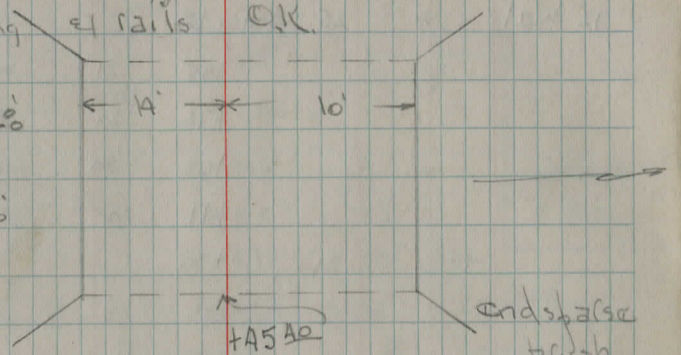
+64 34 18" Pine

23' +60

93 +35 34 24" Pine

Steel I Beam Bridge. Conc. Abut's & Wings. Wood flooring & rails O.K.

Span 24'
Length 28'
Roadway 23'
Height 0'



+40 25' 12" Map

Left 23' 102 +03

24' +63

12" Sycamore 31' +19

12" Sycamore 30' 101 +14

+97 28' 6" Elm

+66 22' 12" Map.

+48 31' 36" Ash

+37 31 12" Ash

Left 24' +11

24' +01

100+0 19'

99+0

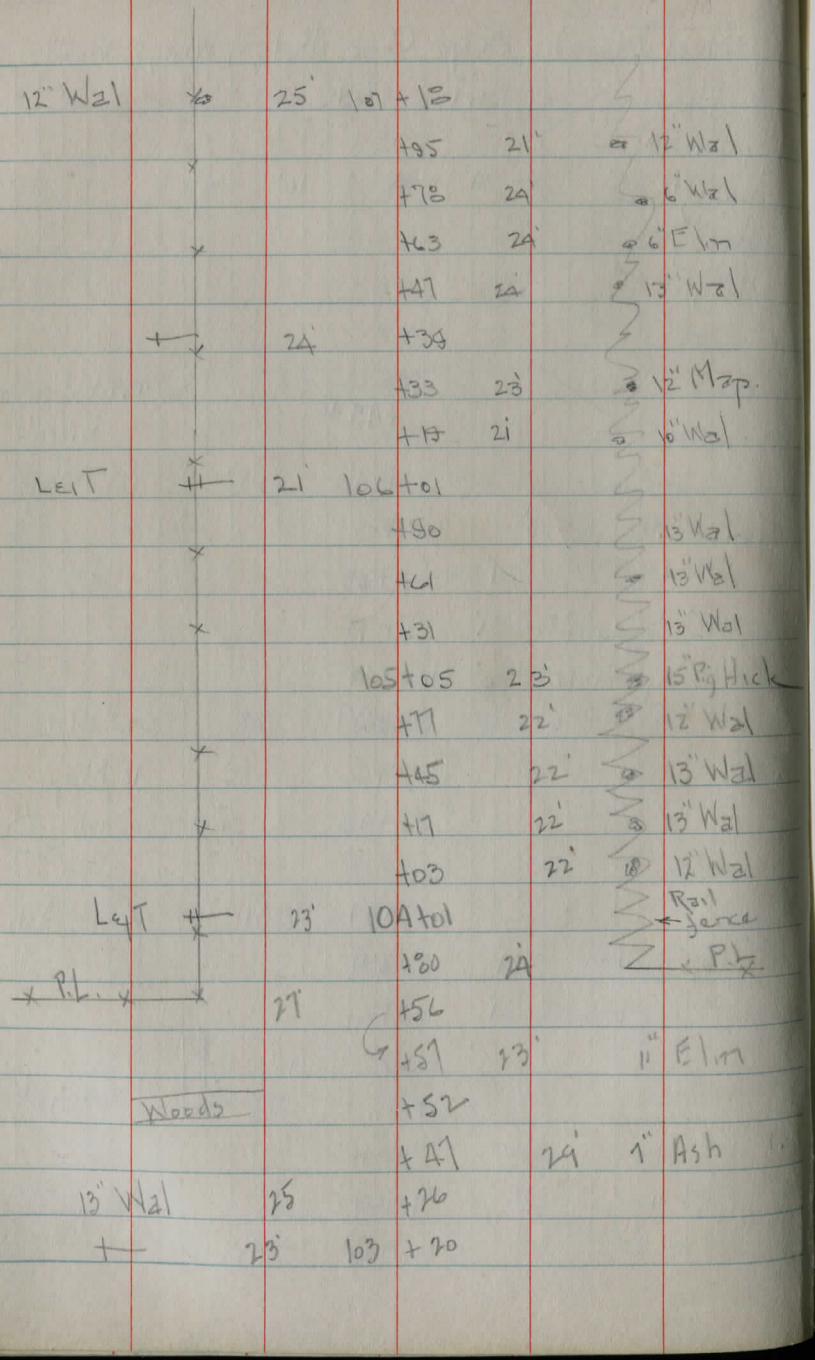
23' +40

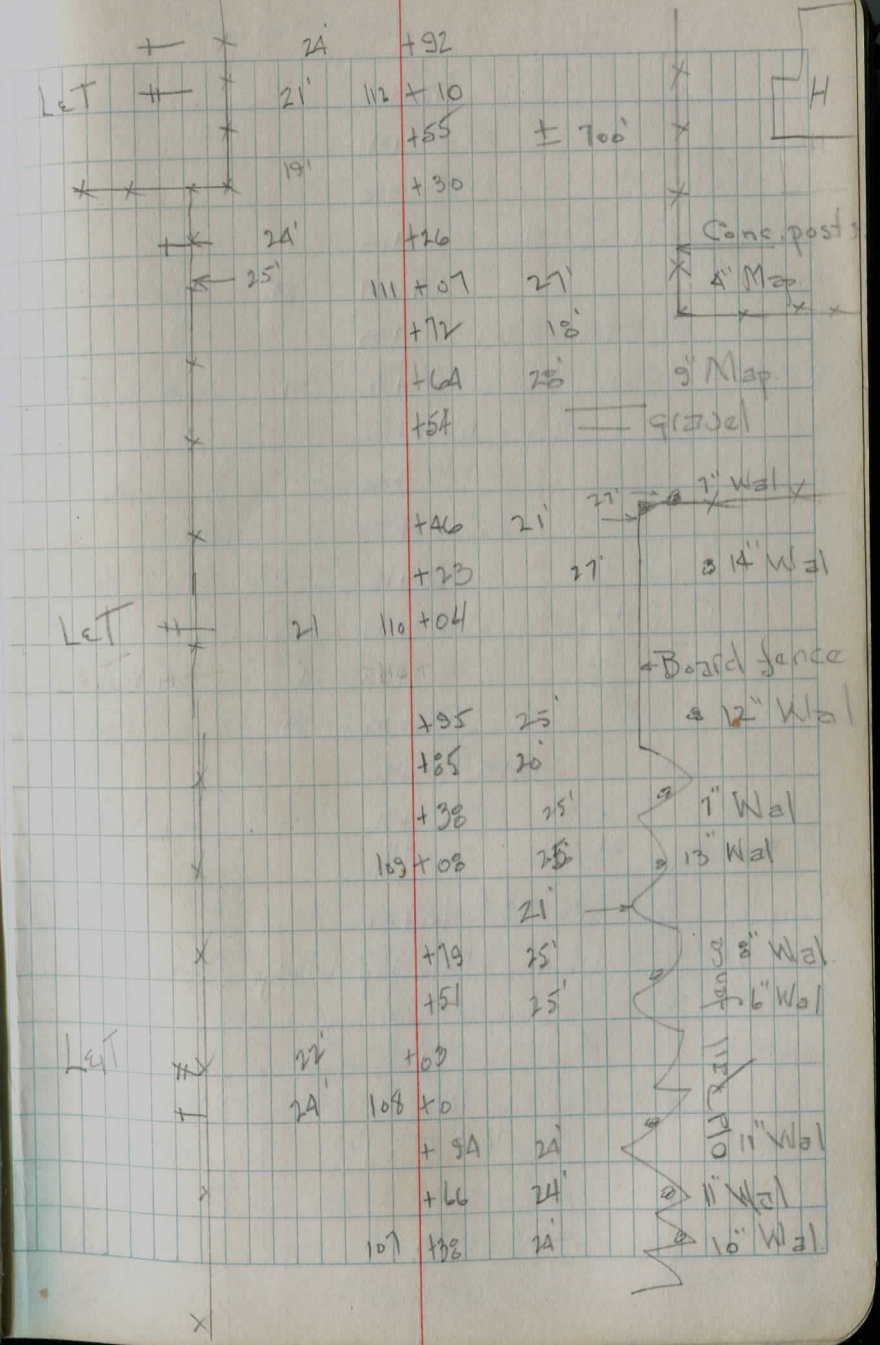
Left 26' 98 +31

97 +93 31'

8'x3' Spring box.

Begin shapes brush


12" Wal
25'
107 +18
+95 21' 12" Wal
+78 24' 6" Wal
+63 24' 6" Elm
+47 24' 13" Wal
+39
24'
+33 23' 12" Map.
+19 21' 16" Wal
Left
21'
106 +01
+90 13" Wal
+61 13" Wal
+31 13" Wal
105 +05 23' 15" Pig Hick
+77 22' 12" Wal
+45 22' 13" Wal
+17 22' 13" Wal
+03 22' 12" Wal
Left
23'
104 +01
Rail fence
+80 24'
P.L.
27'
+56
+37 23' 11" Elm
Woods
+52
+41 24' 1" Ash
13" Wal
25'
+26
23'
103 +20


24'
+92
Left
21'
112 +10
+55
± 700'
19'
+30
24'
+26
Conc. posts
25'
4" Map
111 +07 27'
+72 18'
+64 25' 9" Map
+54
gravel
7" Wal
+46 21'
27'
+23 27' 14" Wal
Left
21
110 +04
Board fence
+95 25' 12" Wal
+85 20'
+38 25' 7" Wal
109 +08 25' 13" Wal
21'
+79 25' 9 8" Wal
+51 25' 6" Wal
Left
22'
+03
24'
108 +0
+ 84 24' 11" Wal
+66 24' 11" Wal
107 +48 24' 16" Wal

118 +0

25' +91

LeT 22' +90

16" x 16' Corr. I.P. Gravel 23' +09

O.K

117 +07 25

22" Elm 34' +95

+75 31' 12" Wal

M.B. 11' +65

+46 31' 10" Wal

25' +23

116 +18 28' 7" Wal

LeT 22' +94

+55 29' 9" Wal

115 +24 29' 7" Wal

24.5' +56

+31 28' 12" Wal

LeT 21' +11

Span = 10'

Length = 22'

Height = 3'

Roadway = 23.5'

21' 114 +02

Conc. Slab Top Bridge. Temporary Wooden railings O.K.

12.2' 13.3'

Conc. fence Post

113 +83 ±

Began 11/25/39

Fair - 30°

N 5

Metal fence posts

Thick Pines

LeT 25' +56

16" Elm 27' +49

24 126 +35

17' 17'

125 +82.5 18" x 34' Corr. I.P. Cubt. O.K

LeT 23' +76

25 124 +60

123 +0

LeT 23' +95

25' +91

+64 32' 38" Oak

D.H

+51

P.L. 28' 122 +38.14 P.L.

+93 34' 10" Wal

+61 34' 5" Wal

28' +24

LeT 29' 121 +23

+80 33' 6' Wal

120 +61 32' 5" Wal

25' +55

+50 31' 6' Wal

LeT 23 +49

119 +17 31' 6' Wal

136+10.5 12" x 36.5' Corr. I.P. Culvt O.K.

18' 18.5'

136+10 20 4" House drain

135+10 to 136+10 Bushes trees

Let 25' 135+85

27'

134+96 16' Gravel 12 x 16 Corr I.P N.G.

Let 25' +90

+50 13' 3x3' Wood M stand

But used little

133+35

24' 132+99

Let 24' +86

23' 131+29

Wooden gate post 22' +36

Plank x over Gravel 14' +24

Wooden Gate post 22' +14

Let 25' 130+13

22' 129+59

Begin Sparse Locust brush ±15'

Let 23' +32

P.I.? I.P. 20' +05

24' 128+01

127+0

± 12' Traffic board (slag)

Let

County 24.5' 139+72.45 Line (Approx

30'

138+89 16" x 32' Corr. I.P. Culvt. O.K.

15' 17'

31' 20' 138+13

Let 25 +81

137+29 28'

+79 25' 17" Pine

+60 24' 12" Pines

+56 12' M.B

+51 25 12" Pine

136+31 ± 100'

11/27/39 Partly cloudy Temp: 38°
Pomeroy
Richards
Clause

CROSS SECTIONS

Sta.	+	H.I.	−	E	Remarks
3+0				1079.33	
2+0				79.83	
1+0				78.93	
0+86	F.L. Culv.		9.26		
	Profile S.R. 422 S.E.				
T.P.	9.14	1084.73	5.95	1075.59	
	Profile S.R. 422		W	1077.24	
BM 1			6.19	1075.35	
T.P.	0.42	1081.54	12.56	1081.12	
T.P.	0.20	1093.68	12.17	1093.48	
T.P.	6.74	1105.65	0.15	1098.91	
T.P.	13.10	1099.06	5.26	1085.96	
B.M.			10.50	1080.72	
T.P.	0.05	1091.22	1.78	1091.17	
B.M.	2.58	1092.95		1090.37	

79.7	79.9	78.3	78.9		78.7	78.7	79.5	79.6
5.5	4.8	6.4	5.8	5.4	6.0	6.5	5.2	5.1
30	19	17 16	9		12	14 16	19	30
81.1	81.9	79.6			79.7	79.1	80.8	81.0
3.6	2.8	5.2	4.5		5.5	5.6	3.9	3.7
30	20	14 15			11	12	19	30
80.0	80.6	80.1	78.0	78.2		78.2	77.8	76.5	78.6
4.7	4.1	4.6	6.7	6.5	5.8	6.5	6.9	8.7	6.1
30	23	20	15 16	14		10	11 15	20	25

5.6 SE
0+0 150

74.14 75.70
7.40 6.35 4.30
West 200 100 0+0

Set W. S. Root 30" Elm N side S.R. 422 ± 300' W of intersection with C. Hwy. 0/8 Sta 931 ± 30

Set W. N. Root 30" Elm opposite Community hall.

X in Stone fdation S.W. cor. Town Hall 4' underground

Sta.	+	H.I.	−	E	
11+00				50.00	
10+00				63.48	
B.M. #2			3.69	1064.09	
9+60				65.38	
T.P.	0.30	1067.78	9.75	1067.48	
9+00				67.43	
8+00				70.03	
7+00				71.73	
6+00				74.03	
T.P.	0.35	1077.23	8.35	1076.38	Sta. 5+00
5+00				76.23	
+25	F.L. House drain		8.40		
4+00				1078.13	
		1084.73			

					N		S		E
					57.4	58.0	57.6	58.7	
					10.4	9.8	10.2	9.4	8.9
					30	18	14 16	11	
					66.8	65.6	62.4	63.2	
					1.0	2.2	5.4	4.6	4.3
					30	22	13 15	11	
Spike N. Root 14" Maple. Sta 10+00 28' Right					72.3	64.6	65.0		
					+4.5	3.2	2.8	2.4	
					27 30	13 14	11		
					68.2	68.6	66.8	67.1	
					9.0	8.6	10.4	10.1	9.8
					30	18	13 15	10	
					69.3	69.9	68.9	69.8	
					7.9	7.3	8.3	7.4	7.2
					30	18	13 15	9 11	
					71.4	71.6	70.7	71.6	71.4
					5.8	5.6	6.5	5.6	5.0
					30	18	12 15	10	9
					77.2	76.7	73.5	74.0	73.8
					0.0	0.5	3.7	3.2	3.4
					30	21	14	12	9
					78.6	78.0	78.5	76.1	75.9
					6.1	6.7	9.0	8.6	8.8
					30	20	15 16	10	9
					80.3	80.6	77.6	77.8	
					4.4	4.1	7.1	6.9	6.6
					30	20	14 15	9	

					S		E		
					58.4	58.0	59.7	60.0	
					9.4	9.8	8.1	7.8	
					10	12 15	18	30	
					63.3	62.0	63.6	63.4	
					4.5	5.8	4.2	4.4	
					12	12 16	21	30	
					67.0	66.1	65.8		
					3.0	3.6	0.8	1.7	2.0
					11	13 14	20	23	30
					67.3	66.5	67.7	67.2	
					9.9	10.7	9.5	10.0	
					11	14 15	18	29	30
					69.7	69.0	71.3	72.1	
					7.5	8.2	5.9	5.1	
					11 12	14 16	19	30	
					71.3	70.8	71.5	72.1	
					5.9	6.4	5.7	5.1	
					12	15 16	17	30	
					73.7	72.9	73.8	73.2	
					3.5	4.3	3.4	4.0	
					12	14 15	18	30	
					75.5	74.7	75.3	75.2	
					9.0	10.0	9.2	9.5	
					12 13	16 17	18	30	
					77.3	77.1	78.2	78.3	
					6.3	7.6	6.5	6.4	
					13	16 18	19	30	

Sta.	+	H.I.	−	E
19+0				26.50
		✓		✓
T.P.	0.14	1034.30	13.11	1034.16
18+0				34.87
17+0				42.82
		✓		✓
T.P.	0.04	1047.27	10.22	1047.23
16+0				47.35
15+0				47.75
+56	Culvert			47.95
14+0				49.05
13+0				52.15
		✓		✓
T.P.	2.25	1057.45	12.58	1055.20
12+0				55.68
		1067.18 ✓		

N 4 5

25.3 10.6 8.4 7.8 8.4 9.5 8.7
37 12 8 15 19 30

33.4 21.7 13.7 13.3 12.4 12.5 13.3 13.5
60 30 13 8 14 18 30
Bottom Slope

4.0 1.9 5.2 4.8 5.0 4.45 4.8 5.4 +1.2 +6.3
30 19 13 11 10 15 17 30 43
14

2.5 1.9 10.4 10.1 10.2 10.5 3.7 +1.6
30 26 10 13 15 30 40

11.2 9.7 10.8 10.4 10.1 9.7 10.1 10.5 6.8 6.9
30 19 13 11 8 13 17 25 30
15 18

1041.0

17.2 16.7 16.3 13.05 8.3 9.7 9.5 9.7 7.9 12.82 16.4 15.9 14.6
30 17 FL. Top Hdwl 16 14.5 Hdwl Top FL. 25 30
Op. 8 17 Op.

7.9 8.2 9.1 10.0 9.1 8.7 8.4 8.7 12.1 12.4
30 27 17 17 13 8 13 21 30
15

+1.8 5.9 5.7 5.3 5.4 6.0 4.4 5.4 5.3
28 13 11 11 15 18 24 30
30 16

57.4 57.0 56.7 55.0 55.6 55.4 54.6 55.0 54.4

10.4 10.5 11.1 12.8 12.2 12.1 12.4 13.2 12.8 13.4
30 22 18 13 11 11 13 16 30
14

Sta.	+	H.I.	−	Elev.
27+0				89.01
26+0		Culvert		87.11
B.M. #3			4.26	987.85
25+0				88.11
T.P.	2.89	992.11	12.27	989.22
24+0				990.99
23+0				991.49
T.P.	0.26	1001.49	11.71	1001.23
22+0				1004.94
T.P.	0.86	1012.94	12.11	1012.08
21+0				12.29 End Sheet
20+0				19.69
T.P.	0.16	1024.19	10.27	1024.03
		1034.30		

N E 5 38

8.5 7.2 3.7 3.1 3.2 3.4 2.6 +4.8 +5.0
30 25 12 10 11 12 13 25 30

983.2

8.3 8.1 7.6 8.6 8.7 7.5 5.2 5.0 5.1 7.4 8.9 8.8 7.9 7.4
30 24 22 20 FL. 13 Top op. 9.5 9 Hdwl Top op. FL. 15 16 30

Spike N. Root 8" Maple Sta 25+34, 30' Right

6.8 6.2 4.5 4.0 4.6 5.3 5.9 5.5 1.6 +0.4
30 16.5 10.5 11.5 14 15 15.5 16.5 17 18 22 25 30

13.9 11.2 11.7 11.0 10.5 10.9 11.3 11.6 12.4
30 14 15 10 11 14 18.5 30

+1.1 +1.4 5.0 4.5 4.0 4.7 5.1 4.7 3.9 +1.9
30 23 12 14 11 12 13 14 19 27 30

5.5 5.1 9.0 8.7 8.0 8.5 9.9 8.8 4.8 4.9
30 19 12 13 10 12 14 15 17 25 30

Hub 21+0 Right Began 11/28/39 Fair 40°

11.6 10.7 12.9 12.7 12.3 11.9 12.5 13.8 8.1 8.2
30 19 13 14 10 8 13 15 16 26 30

19.5 8.9 6.1 4.8 4.5 5.0 6.1 5.9 6.6 5.9 3.8 +0.5
43 21 13 9 13 15 16.5 18 19 20 22 30

Station	+	H.I.	−	E	
35+0				71.28	
T.P.	0.95	974.28	12.13	973.33	34+55
34+0				75.46	
33+0				79.36	
32+0				83.66	
T.P.	0.36	985.46	11.82	985.10	
31+0				88.12	
30+0				91.82	
29+0				92.42	
28+0				91.92	
T.P.	6.82	996.92	2.01	990.10	
		992.11			

N		E		S					
+3.5	2.1	2.6	4.7	3.3	3.0	3.6	4.5	3.5	4.4
30	23	18	13 15	11.5		11	13 15	17	30
2.2	3.6	10.6	10.4	10.0	10.6	11.2	9.8	12.3	
30	27	13 17	12		11	14 15	18	30	
+5.6	6.8	6.5	6.1	6.7	7.6	6.3	8.7		
30	13	11		12	14.5 15.5	18.5	30		
+7.0	+6.6	2.4	2.1	1.8	2.5	3.3	0.8	2.2	
30	25	11 12	10.5		13	14 16	20	30	
2.6	2.8	9.6	9.3	8.8	9.5	9.9	8.2	8.7	9.2
30	23	13 14	11.5		13	14.5 15.5	18 20	22	30
1.6	1.8	5.8	5.6	5.1	5.7	6.3	5.8	6.6	
30	22	14 15	13		10.5	15 16	17	30	
3.2	4.3	5.8	5.0	4.5	4.9	5.8	6.2	6.0	6.5
26 30	20	14 15	12		10	16	17 18	19	30
		0.3	5.8	6.0	5.0	5.5	5.7	2.3	2.1
		25 30	16	13		11	14	22	30

Sta.	+	H.I.	−	E
T.P.	8.75	954.65	5.66	945.90
43+0				45.86
+23.5	East end bridge		6.5	45.06
+05	West end bridge		6.4	45.16
42+0				45.26
41+0				45.66
40+0				47.06
39+0				49.16
T.P.	1.68	951.56	12.66	949.88
38+0				53.14
37+0				59.24
T.P.	0.40	962.54	12.14	962.14
36+0	Old R.R. Fill			966.08
		974.28		

N E S 40.

5.1 7.8 8.1 6.2 5.7 6.2 6.9 12.2 creek
30 24 21 15.5 7 15 30 ±40
22

938.7
12.9
F.L.

Top opening 8.06

12.2 11.4 9.9 6.7 6.2 6.3 6.4 7.0 7.2 6.8 9.4 10.7 9.7 10.1
27.5 26 18 17 12 3 4 6 7.5 19 23 24 30
29.5

7.9 6.8 5.9 7.0 6.6
18 14.5 15.5 20
30 30

6.0 5.7 5.8 4.8 4.5 4.9 6.0 5.8 6.1
30 20 17 9 13 18 22 30
20

3.3 3.1 3.5 2.8 2.4 3.0 3.6 3.1 2.1
30 18 14 12 13.5 16.5 21 30
15 18.5

1.2 2.6 8.4 11.0 10.0 9.4 9.9 10.5 10.3 10.8
30 24.5 17 13 12 12 17 21 30
14

0.6 0.9 5.5 3.6 3.3 4.0 4.7 3.9 3.5 4.3
30 20.5 13 11 13 15.5 23 26 30
14 21.5

+7.1 7.3 9.5 8.7 8.2 8.9 9.5 8.9 7.6
30 21 12 10 11.5 14 19 30
13 17

Sta.	+	H.I.	−	E
+	Profile side Road			
T.P.	9.66	976.17	0.25	966.51
50+0				962.76
T.P.	12.13	966.76	0.05	954.63
49+0				953.23
48+0				46.83
47+75	Culvert			46.03
T.P.	9.10	954.63	5.12	945.53
47+0				45.55
46+0				47.85
		End sheet		
45+0				50.15
B.M. #4			7.14	947.51
44+0				48.95
I.				
		954.65		

+1.6 3.6 5.8 9.2 8.6 12.1 7.7
100 50 30 11 F.L. West F.L. East

+?

+3.4 +3.2 4.6 4.0 4.5 5.6 2.6 3.5
30 25 12 13 15 23 30
13 18

Hub 49+20 Lt Began 11/29/39 Fair 40°

51.0 56.6

+6.0 +6.0 .4 2.2 1.6 1.4 2.4 2.0 2.4 +2.4 +2.0
30 27 17.5 15 13.5 13 18 20 26.5 30
14 21
39.7

14.9 13.3 9.4 8.8 7.6 8.3 13.1 14.4
30 23 16.5 7 13.5 23 30
936.6

17.5 18.0 15.4 12.0 9.0 8.6 9.2 12.2 15.4 16.3 8.5
30 F.L. T.O. Hdwl 6.3 12.5 Hdwl 7.0. F.L. 30

9.1 11.4 14.7 13.5 10.1 9.7 9.1 9.7 14.5 12.4
30 26 20 18.5 12.5 8.5 13 22 30
24

5.5 4.8 4.7 7.9 9.0 7.3 6.8 7.4 8.2 4.4 4.8
29 28 22 16 14 12 13.5 16 24 30
18

+4.5 4.7 5.0 4.6 4.5 5.1 5.0 +0.8 +0.1
30 17 16 13.5 12 16 2.5 30

Hub 6/Foot R2 4/Spike 34 Rt. Sta 44+32

+4.1 5.8 6.4 5.8 5.1 6.6 7.2 4.7 7.7
30.5 16 14.5 13 11 14.5 19 30
15.5

Sta.	+	H.I.	−	E
58+0				46.87
T.P.	0.19	952.67	12.84	952.48
57+0				55.92
56+0				62.12
T.P.	1.09	965.32	12.62	964.23
55+0				66.15
54+0				69.45
53+0				72.55
+	Profile Side Road			72.95
52+0				74.85
T.P.	2.20	976.85	1.52	974.65
51+0				71.77
		976.17		

72 Nos 4 5 42

+1.4 +0.7 6.6 8.9 6.3 5.8 6.7 8.5 3.2 4.3
30 26 15 11 9 10.5 13 23 30
12 14

2.5 10.1 9.8 9.4 10.2 10.5 6.3 7.7
30 12 10.5 11 13.5 21 30
14

+2.9 +2.8 4.6 3.5 3.2 4.0 4.4 3.7 0.9 2.5
30 23 11 10 12 14 16 23 30
14

9.1 8.3 9.2 11.7 11.1 10.7 11.5 12.1 11.3 12.4
30 28 21 11 9.5 11 13 17 30
14 14

5.9 5.5 6.4 8.2 7.8 7.4 8.2 8.5 8.3 9.1
30 26 19 14 11 11 14 18
15

4.0 3.6 5.1 5.0 4.3 5.2 5.0 6.0 5.7 6.0
30 24 17 15 10 10.5 14 16 24
15 30

+2.4 1.4 3.8 3.9
100 50 21

+2.0 +1.5 2.5 2.3 2.0 2.8 2.9 2.3 +0.2 0.3
30 22 14 12 9 12 14 19 30
15 13

+3.8 +3.6 4.0 4.7 4.4 4.9 +1.7
30 24 14 12 11 23
15 30

Sta.	+	H.I.	−	E
65+0				16.31
+25	Culvert			15.71
64+0				15.01
63+0				16.61
T.P.	2.99	920.61	10.69	917.62
62+0				18.31
BM #5			9.99	912.32
61+0				22.01
T.P.	0.62	928.31	12.45	927.69
60+0				28.14
59+0				37.44
T.P.	0.04	940.14	12.57	940.10
		952.67		

6.2 6.3 4.9 4.3 5.1 7.1 7.5
30 18 13 10 17 25 30

912.3

7.3 8.0 8.3 5.5 4.9 5.9 8.90 9.6
50 30 F.L. 10 11.5 F.L. 30

6.8 6.7 5.5 4.8 5.8 7.3 7.6
30 17.5 12 11.5 18 26 30

5.3 5.0 4.0 4.8 5.3 6.3 6.6
30 11 11 16 19 30

9.4 10.2 10.3 10.9 10.5 10.0 10.9 14.3
31 29 21 15 19 11 12 30

Spike S.W. Root 5' Elm Sta. 61+46; 25' Right

5.0 6.2 7.7 6.5 6.3 7.5 8.0 8.1
30 18 15 16 13 13 16 17 30

6.6 14.7 12.7 12.0 13.0 13.5 8.8 9.0
30 12 14 11 11 13 14 24 30

4.3 3.7

+4.5 +4.0 5.9 3.2 2.7 3.5 5.4+ 1.6 +1.0
30 27 11 14 8 11 14 15 26 30

Bank badly washed

Sta	+	H.I.	−	Elev.
T.P.	1.04	933.31	12.03	932.27
73+0				33.60
72+0				35.20
71+20				37.50
70+0				41.20
69+0				40.90
T.P.	3.70	944.30	0.86	940.60
68+0		End shot		35.06
T.P.	10.63	941.46	0.55	930.83
67+0				27.08
T.P.	11.38	931.38	0.61	920.00
66+0				20.01
-		920.61		

9.0 7.5 11.8 11.4 10.7 11.0 12.0 10.6 9.6
30 25 16 12 12 15 18 30
16

9.3 9.1 9.4 9.0 8.5 8.8 9.7 7.4 6.4
30 25 17 12 11 13.5 17
14.5

6.1 4.1 7.6 6.5 6.5 6.6 7.8 5.3 3.9
30 24 14 7 11 13 18 30
16 14

43.6 44.1 40.5 41.1 40.8 44.7 45.0

0.7 0.2 3.8 3.1 3.2 3.5 +0.4 +0.7
30 22 12 11 13 27 30
24 16

43.0 43.9 39.9 40.0 40.1 40.5 44.1

1.3 0.4 4.4 4.3 3.4 3.6 3.8 0.2
30 24 17 14 11 13 21
30

1.9 1.0 7.7 6.9 6.4 6.7 7.0 0.6 0.1
30 25 16 14 12 14 26 30
17 15

0.9 0.5 5.8 5.2 4.3 4.6 5.1 +2.5 +1.5
30 25 16 15.5 10 13 24 26
18 12 14 30

1.7 1.3 1.9 1.3 0.6 0.9 1.1 2.3 1.1 +0.9 +2.4 +1.9
30 26 17 12 10 13 14 16 19 23 27
15 30

Sta	+	H.I.	-	E
85				28.04
19+0				27.24
T.P.	6.18	933.64		926.46
18+39	F.L. 4"	Farm tile	8.80	
T.P.	4.81	931.27	6.85	926.46
18+0				26.61
+87	Culvert			26.71
17+0				27.21
16+0				28.21
15+0				29.71
14+0				31.61
		933.31		

+0.8 +0.3 4.7 4.6 4.9 5.1 0.3 0.0
30 24 15 13 15 22 30

5.1 5.6 6.5 6.0 5.4 6.1 6.7 6.4 6.6
30 24 15 11 12 16 20 30

8.8 8.3 9.8 8.0 6.7 7.5 8.7 8.6
30 24 19 16 12 14 30
21 17

923.96

5.8 4.8 8.0 9.7 7.3 6.6 7.4 9.35 9.1 8.6
30 25 22 F.L. 13 12 F.L. 27 30
18 18

7.8 7.1 6.1 6.8 6.7 8.3 8.5
17 12.5 11 16 18 30
30 17

6.8 5.8 5.1 5.6 6.6 6.9
18 12 10 16 30
30

3.6 4.6 5.2 4.3 3.6 4.2 5.1 4.5
30 25 17 12 11 16 30
17

0.7 2.6 2.8 2.4 1.7 2.2 3.0 1.8 1.3
23 17 15 13 12.5 15 22 30
16 16
30

Sta	+	H.I.	−	E
80+00				910.57
80+50				910.67
81+00				911.47
81+50				913.07
T.P.	3.78	918.37	10.81	914.59
82+00				15.80
82+50				18.60
82+75				20.90
83+00	Culvert			22.20
B.M. #6	4.12	925.40	11.52	921.12
83+00				24.54
		932.64		

7.1 8.4 9.1 8.4 7.8 8.7 9.4 9.2 9.5
30 17.5 15 17 14 12 15 16 17 30

5.7 7.6 8.6 8.0 7.7 8.5 8.2 8.6
30 17.5 14.5 16.5 10 13.5 16 17.5 30

5.9 6.9 7.8 7.4 6.9 7.7 6.7 7.3
30 17 14 16 13 15 17.5 25 30

5.9 6.1 6.6 5.9 5.3 6.2 7.7
30 16.5 14 16 12 12 30

17.5 17.7 17.0 14.5 15.1 15.0 14.5 16.0 16.4

7.9 7.7 8.4 10.9 10.3 9.6 10.4 10.9 9.4 9.0
30 24 19 13.5 16.5 11 13 14.5 16.5 19 30

13.3 12.6 17.6 17.9 17.8 17.4 17.8 17.0

6.1 6.8 7.8 7.5 6.8 7.6 8.0 7.6 8.4
30 17.5 13.5 15.5 12.5 12.5 14.5 15.5 17.5 30

3.9 4.1 4.9 4.6 4.8 4.5 5.2 5.6 4.6 3.9
30 18 15 13 10.5 12 14 15 18 30

918.6

5.7 6.8 4.7 2.1 3.5 3.2 3.5 2.3 4.8 6.9 7.8 9.0
30 FL Top op Top Hdwl 12 10.5 10.5 Hdwl 13 Top op FL. 30 36 Field drain 6"

Began 11/30/39 Cloudy 42°

Spike N.E. Root 12" Maple Sta. 81+24 30' Right

8.3 8.9 8.7 8.1 8.5 9.1 8.5 8.4
16 14 11 11 14 15 20 30
30 15

Sta	+	H.I.	−	Elev
96+00				12.68
				14.08
95+00				
T.P.	3.32	917.68	4.32	914.36
94+00				14.38
93+00				14.38
92+00				14.08
91+00				13.48
90+00				12.08
T.P.	7.42	918.68	7.11	911.26
89+00				10.77
88+40	Culvert			10.37
		918.37		

N E S

3.3 5.7 5.0 5.4 5.6 2.5 1.7
19 12 13 15.5 23 30
30 14.5

1.2 4.5 4.3 3.6 3.9 4.2 2.8 1.9
20 13 11 12 14 18 30
30

1.4 4.9 4.7 4.3 5.3 3.8 3.9
20 14 11 15 18 30
30

2.8 3.0 5.0 4.8 4.3 5.0 5.5 4.0 4.4
30 16 13 11 13 14 17.5 30
15

3.0 4.8 5.7 3.1 4.6 5.5 7.5
30 16 14 12 12 30
15

2.0 6.2 5.8 5.2 6.0 5.0 5.5
22.5 15 12.5 15 17.5 30
30

3.8 4.0 5.4 7.1 7.4 7.1 6.6 7.1 7.5 5.5 5.7
30 25 18.5 16.5 14.5 11 11 15 18 30

8.1 8.4 8.1 7.6 8.2 9.4 10.0
30 14.5 12 10.5 16 30

08.7

7.7 8.0 8.5 9.7 8.3 8.0 8.6 10.3 10.6
30 22 17 FL 12 1 12 FL 30

Sta.	+	H.I.	−	E
104+0				84.11
103+0				85.71
B.M. #7	3.07	88.21	9.61	885.14
+73 40	E. end Bridge		7.8	86.95
+45 40	W. end Bridge		7.6	87.15
102+0				86.35
101+0				89.25
T.P.	0.39	894.75	12.77	894.36
100+0				895.23
99+0				902.03
T.P.	1.74	907.13	11.79	905.39
98+0				07.28
97+0		End sheet		10.00
		917.68		

N E S 40.

4.9 5.4 4.6 4.1 5.2 6.0
10 14 13 15.5 30
30 17

5.1 5.6 4.2 4.5 2.8 2.5 3.0 6.5 6.8 5.9 5.6
30 20 19 17 14 11.5 18.5 22 24 30

Spike N.E. Root 12" Maple Sta. 102+40 Right 25'

9.6 10.7 10.3 9.0 8.4 9.0 10.2
30 27 20.5 15.5 9.5 30

8.7 8.1 6.1 5.5 5.8 7.1 7.0
30 20.5 15 12 18 30

16.3 12.4 11.9 12.0 13.0 12.2 10.1 4.2 4.0
30 16 12 13 15 21 25 30
14

14.9 6.0 5.1 5.9 7.1 3.8 +0.3
30 13 13 15 20 30
16

8.0 7.2 11.4 11.2 10.4 11.3 11.7 9.5 5.4 5.0
30 22 16 15 12.5 14 21 25 30
17

4.5 7.5 7.7 6.8 7.5 4.9 3.2
19 15 12 12 20 24
30 15 30

Sta	+	H.I.	−	E
113+00				77.27
112+00				76.77
111+00				77.17
110+00				78.27
109+00				79.17
T.P.	1.64	882.01	7.78	880.43
108+00				80.31
107+00				82.01
106+00				83.01
105+00				83.51
		888.21		

6.7 6.9 5.6 4.8 5.7 6.5 6.3 5.8
30 15 11 12 16.5 20.5 30

6.8 6.6 5.7 5.3 6.0 6.5 6.3 6.0
30 15 11 15.5 16 17 30

5.9 5.3 6.1 5.5 4.9 5.4 5.9 5.3
30 17.5 14 16 12 12.5 15.5 18 30

3.4 4.8 5.2 4.4 3.8 4.9 5.1 4.6 3.8
30 16 14 15 12 16 17 18.5 18 30

79.5 78.6 77.6 78.6 78.4 78.1 78.9

2.6 3.5 4.5 3.5 2.9 3.7 4.0 3.2
30 17.5 13.5 15.5 11 14 17.5 18 30

6.6 7.7 9.3 8.3 7.9 8.8 7.8 7.2 7.7 11.0
25 30 18 14 16 11.5 17 17.5 22 24.5 30

6.0 6.4 7.9 6.8 6.2 7.1 7.4 6.3 6.5
30 18 13.5 16.5 11 10 17 18.5 30

3.0 4.9 6.6 5.9 5.2 6.6 5.5 5.9
26 30 17 13 15 11 18 19 30

5.1 5.6 6.1 5.3 4.7 5.5 5.8 5.3 5.0
30 16 14 15 11 14 17 18 30

Sta	+	H.I.	−	E	
121+0		End sheet		91.92	
120+0				86.92	
119+0				82.62	
T.P.	10.70	892.42	0.87	881.72	Stk 119+0
118+0				79.89	
BM # 8			3.85	878.74	
117+0				76.09	
116+0				71.49	
115+0				77.19	
T.P.	4.51	882.59	3.99	878.08	
	F end	Bridge	4.2	77.87	
113+83.4	W end	Bridge	4.2	77.87	
		882.07			

N E S

+6.1 0.7 1.0 0.5 0.3 1.2 1.7 +4.7
24 14 9 3 15 16 27
30 17 30

2.8 3.0 6.0 5.5 6.1 6.2 3.8 3.6
30 20 13 14 19 23 30
15

10.5 10.3 11.3 10.6 10.3 9.8 10.6 11.3 11.8
30 16 13.5 13 7 14 25 30
14.5

Bogen 12/1/39 D. 11 93°

3.6 3.8 4.3 3.2 2.7 3.3 4.3 4.9
30 16 14 10 14 18 30
15

Spike S. Root +30" Elm 116 +95 Left ± 33'

4.4 5.1 5.6 4.9 4.5 5.1 6.5
30 17 14 12 15 30
15

6.3 5.6 6.6 5.8 5.1 5.7 6.5 6.8
30 16 13 12 14 18 30
15

6.4 7.1 6.7 6.0 5.4 6.1 6.7 7.2
16 13.5 13 9 15 18 30
30 14.5

N.E. & S. Hdw'l

Sta	+	H.I.	−	E
129+0				94.44
128+0				92.14
127+0				87.84
B.M.#9		9.09	8.85	888.09
126+0				86.54
+82.5	Culvert			86.64
T.P.	9.27	896.94	12.96	887.67
125+0				87.93
124+0				92.03
123+0				95.93
122+0				95.73
T.P.	8.53	900.63	0.32	892.10
		892.42		

N S 51

0.3 1.2 3.2 2.5 3.3 2.0 2.2
30 16.5 11 13 21 30
14 18

2.3 2.4 6.2 5.4 4.8 6.1 6.5 4.0 4.6
30 21 13 11 14 17 22 30
15

4.4 10.0 9.6 9.1 10.0 9.7 10.2
30 14 11 17 25 30
15

Spike E Root 16" ELM Sta. 126+49
Lt 27'

13.3 13.0 11.0 10.4 11.4 14.7 15.1
30 18 11.5 14 26 30

82.6
13.7 14.3 11.0 10.3 11.0 14.5 15.0 14.9 13.8
30 F.L. 11 11.5 14 F.L 22 30

14.3 13.3 13.5 13.3 12.7 13.3 13.7 8.0 7.7
30 17 14 12 13 16 28 30
17

8.0 6.9 9.7 9.2 8.6 9.3 9.2 5.3 4.9
30 17 10 9 14.5 16 26 30
13 17

5.0 4.4 5.5 6.7 4.7 5.5 5.2 2.0 1.3
30 14.5 12 8 15 20 27 30

99.0 99.2 95.5 95.1 94.8 99.5 99.3
1.6 1.4 5.1 4.5 5.5 5.6 1.1 1.3
30 19 13 12 11.5 24 30

Sta	+	H.I.	−	E
+10 5	Culvert			84.26
B.M. 10	1.12	87.26	2.95	86.14
136+0				84.29
T.P.	4.50	89.09	11.00	84.59
135+10				84.99
134+0				86.99
133+0				89.09
132+0				91.19
131+0				92.39
T.P.	2.57	895.69	3.92	893.02
130+0				93.14
		896.94		

N E S

82.1

7.3 6.6 3.7 3.0 3.6 5.2 5.1 2.5
20 F.L. 0 15 F.L. 21 30
30 F.L. House drain

Bagen 12/4/39 Cloudy - 35°

Spike N. Root 12" Pine Sta. 136+60 Right 24'

9.6 5.5 4.8 5.5 6.7 5.4 4.9
30 9 12 18 22 30
19

14.8 11.4 10.6 11.1 11.3 8.7 8.1
30 11 11 16 22 30

9.0 8.6 9.1 9.5 8.6 9.3 9.5 7.7 7.0
30 17 14 11.5 10 17 20 30
15

8.4 5.6 7.5 7.2 6.5 7.0 7.4 6.4 6.5
30 17 14 11 11 16 18 30

93.6 92.3 90.2 90.1 90.6 90.0 89.8

2.0 3.3 5.4 4.9 4.4 5.0 5.6 5.8
17 12 10 12 15.5 30
13

+0.8 1.9 4.4 3.8 3.7 3.2 4.0 5.5 5.2
30 18 13 11.5 9 10 22 30
15

1.0 3.2 4.6 4.1 3.5 4.2 5.0 4.8
30 17.5 14 10.5 12.5 17 30
15

+75		17.5	69.76	
1Hbt75		15.7	71.56	
+75		12.2	75.06	
1Hbt75		7.1	80.16	
+75			82.06	
139+0			81.66	
+29	Culvert		81.76	
138+0			83.76	
137+0			84.36	
		807.26		

82.36

5.0	4.5	3.9	5.4	5.3	4.9	5.2	5.5	4.9	2.8	2.2	0.8
35	30	22	20	17	9		5	7	10	13	30
					E						

9.3	7.7	6.4	5.6	6.2	7.5	
30	16	11		8	13	
					30	

78.9

9.3	9.0	9.24	6.5	5.5	6.1	8.4	7.9	
30	21	F.L.	11		8	F.L.	30	

3.4	4.4	4.1	3.5	4.2	4.7	3.6	3.3	
13	19	10		11	13	17	30	
30	16				16			

+0.7	+1.7	2.8	3.3	2.9	3.6	3.9	+2.3	+2.6	
30	24	16	10	\	11	15	26	30	
						16			

12/4/39 Snow flurries

Check Levels

BM #10	6.68	92.82		86.14	
T.P.	4.87	96.48	1.21	91.61	
BM #9			8.35	88.13	88.09
T.P.	5.46	99.54	2.40	94.08	
T.P.	0.48	90.74	9.28	90.26	
T.P.	2.67	81.63	11.78	78.96	
B.M. #8			2.88	78.75	78.74
T.P.	3.63	81.72	3.54	78.09	78.08
T.P.	7.77	86.85	2.64	79.08	
B.M. #7	12.38	97.52	1.74	85.11	85.14
T.P.	12.61	909.91	0.22	897.30	
T.P.	9.77	919.13	0.55	909.36	
T.P.	2.15	915.73	5.55	913.58	
T.P.	10.10	921.12	4.71	911.02	
T.P.	12.03	932.46	0.69	920.43	
BM #6		932.43	11.31	921.15	921.12
T.P.	10.51	937.17 ✓	5.77	926.66 ✓	
T.P.	8.38	945.08 ✓	0.47	936.70 ✓	
T.P.	0.56	933.64 ✓	12.00	933.08 ✓	
T.P.	0.57	921.67 ✓	12.54	921.10 ✓	
T.P.	11.22	927.38 ✓	5.51	916.16 ✓	
BM #5		927.34	9.02	918.36	918.32
T.P.	13.17	940.45	0.06	927.28	
T.P.	13.23	953.66	0.02	940.43	
T.P.	13.11	966.67	0.10	953.56	

.04 High

.01 High

.03 low

Stk right edge road E. of drive Began 12/5/39

.03 High

.04 High

	+	966.67	−		
T.P.	10.98	977.11	0.54	966.13	
T.P.	0.07	969.82	7.36	969.75	
T.P.	0.26	957.35	12.73	957.09	
T.P.			2.66	954.69	954.63
T.P.	7.00	953.65	10.70	946.65	
B.M.#4		953.60	6.09	947.56	947.51
T.P.	5.35	951.54	7.41	946.19	
T.P.	12.86	964.37	0.03	951.51	
T.P.	11.81	976.09	0.09	964.28	
T.P.	11.46	986.77	0.78	975.31	
T.P.	10.59	996.92	0.44	986.33	
T.P.	6.05	994.39	8.58	988.34	
B.M.#3			6.51	987.88	987.85
T.P.	12.97	1006.45	0.91	993.48	
T.P.	13.05	1018.69	0.81	1005.64	
T.P.			6.61	1012.08	1012.08
T.P.	11.54	1029.95	0.28	1018.41	
T.P.	12.65	1042.57	0.03	1029.92	
T.P.	10.61	1052.63	0.55	1042.02	
T.P.	12.73	1065.10	0.26	1052.37	
B.M.#2	10.18	1074.22	1.00	1064.10	1064.09
T.P.	10.50	1083.01	1.71	1072.51	
T.P.			6.62	1076.39	1076.38
T.P.	2.54	1080.40	5.15	1077.86	
B.M.#1			5.12	1075.28	1075.35

.05 high

Spike N side Tel pole 3370

.03 high

.01 high

Stk 570

.07 low

5-21-4
Richards
Root

Hobart Road

℄ trav. Rd. 2' fill

3+92.39 — 26 — 12'

0+67.64 — Spk.

0+0 — Bolt (set)

26.19

62.24

S℄W N.E. root
18" Map.

S℄W N root 24" Soft
Map.

Random Line Survey

175-44
351-28

Hub

324.75

156-49
313-38

67.64

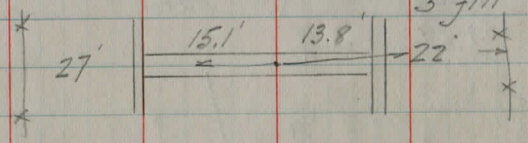
7.08

119-50
239-41
359-32

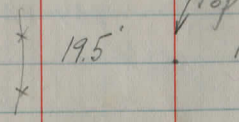
Bradford ℄ Road

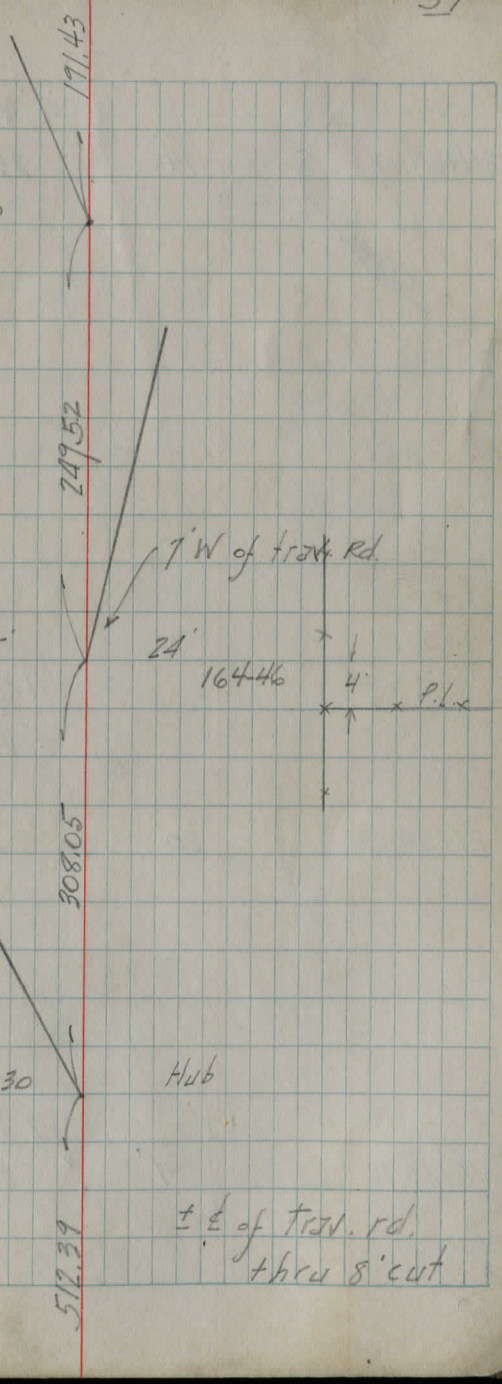
Culvt N.G.
2'x1' opening

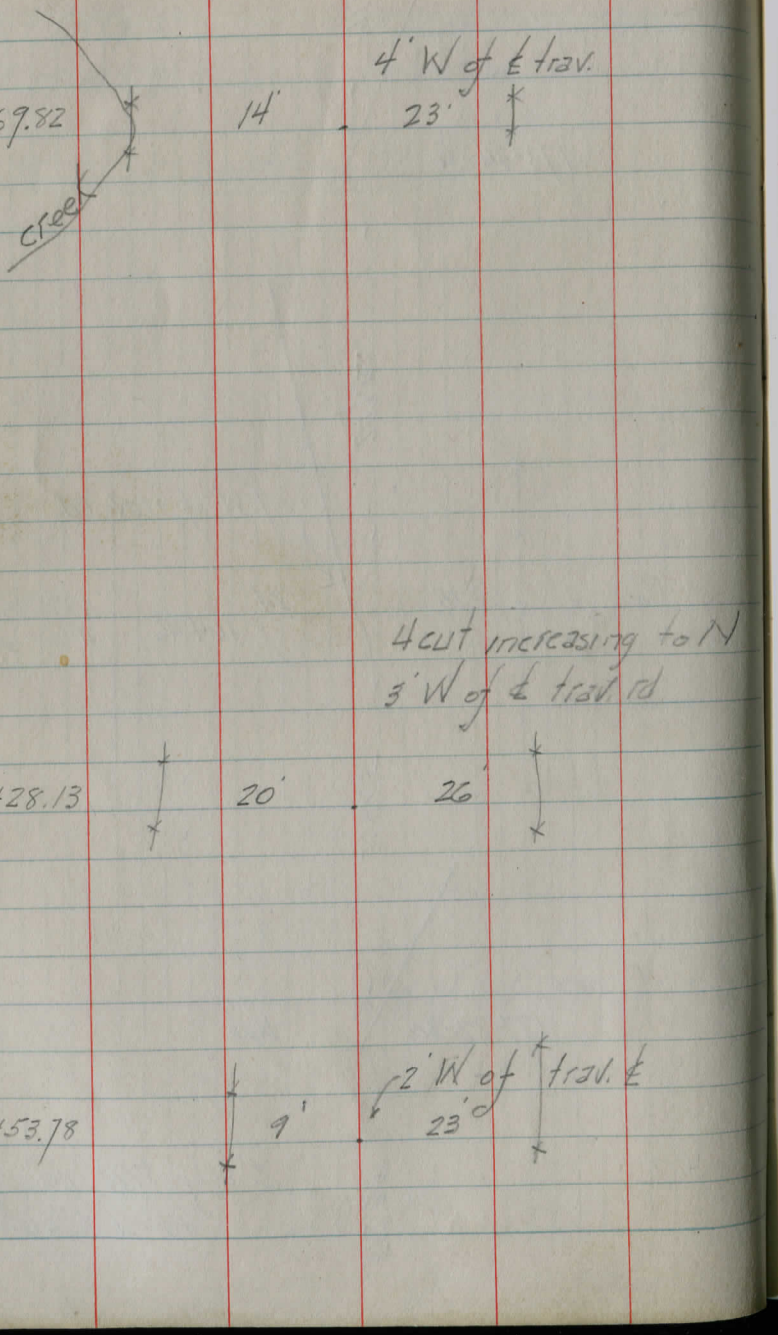
2' E of trav. rd, over old stone box culvt

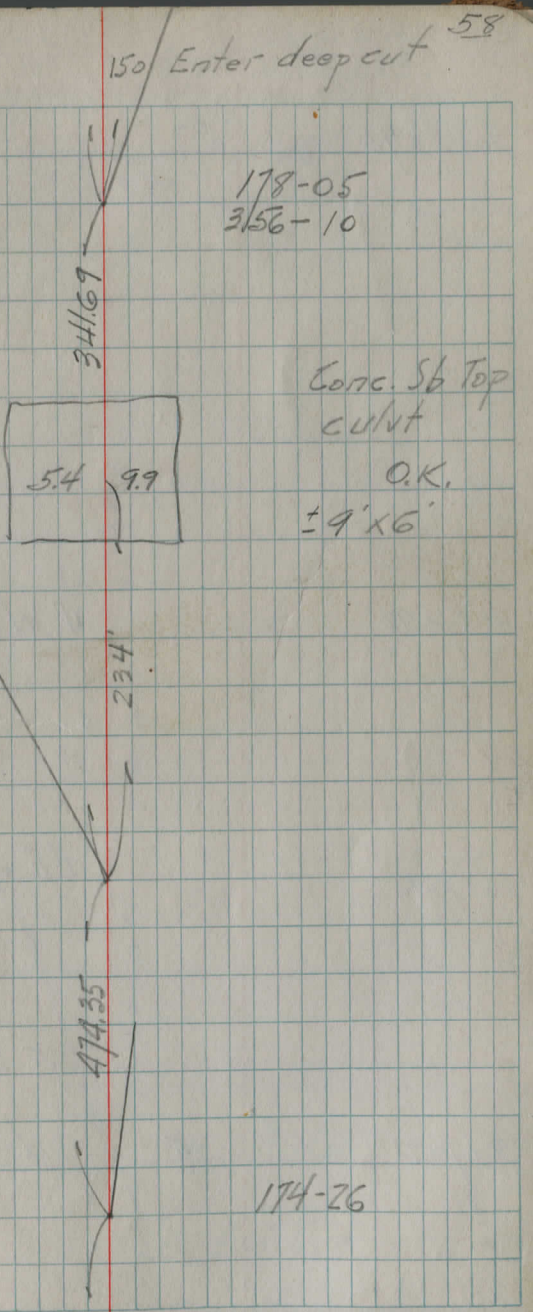


127+12.83 Hub.






24+69.82
14'
4' W of ℄ trav.
23'
creek
4 cut increasing to N
3' W of ℄ trav. rd
21+28.13
20'
26'
16+53.78
9'
2' W of trav. ℄
23'


150
Enter deep cut
178-05
356-10
34+69
Conc. Sb Top
cuivt
O.K.
±9'x6'
5.4
9.9
23+41
178-17
356-34
47+35
174-26

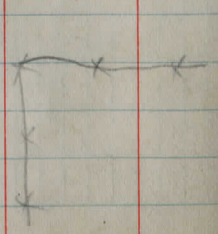
50+28.92

44+70.92 — 4' W of ℄ trav. rd.

36+70.92 — 1' E of ℄ trav. rd.

5' E of ℄ trav Rd.

30+70.92 — 25' — 13'



5+W N.W. side O.P.S. Pole

55.2

℄ 565.28

Farmington Rd

70.55

℄ Pin Sta 80+73.12

fd. '66

Root Spk 12

46.33

Spk

92°-31'

5+W N Root 16" Maple

5+W N root 14" Maple

559.00 to ℄

1400.0

spk

quit

spk

600.0

179-52

359-43

Hub

60'.10

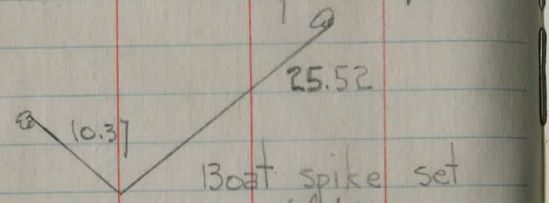
50' End Cut

HOBART ROAD Sec B

Note: Staked 30' Lt unless other wise noted

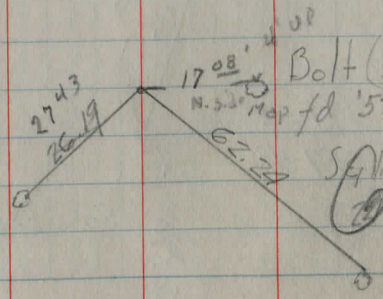
Sq W; SE side 15" Map. ± 4 up.

Sq W; N.E. side 30" W. Ch. 0+67.64



Steel truss bridge 43' Span 14' Rdwy
Plank floor 11' Ht.
Stone abut's & wing walls
New floor reqd

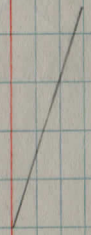
0+0



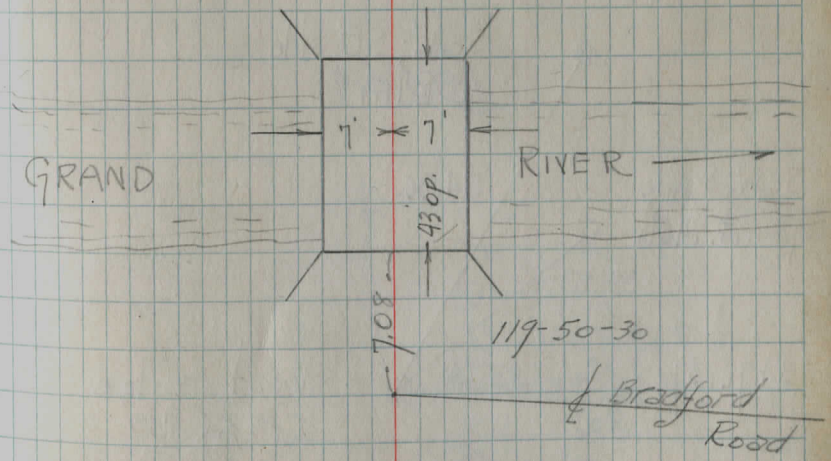
Final Alignment

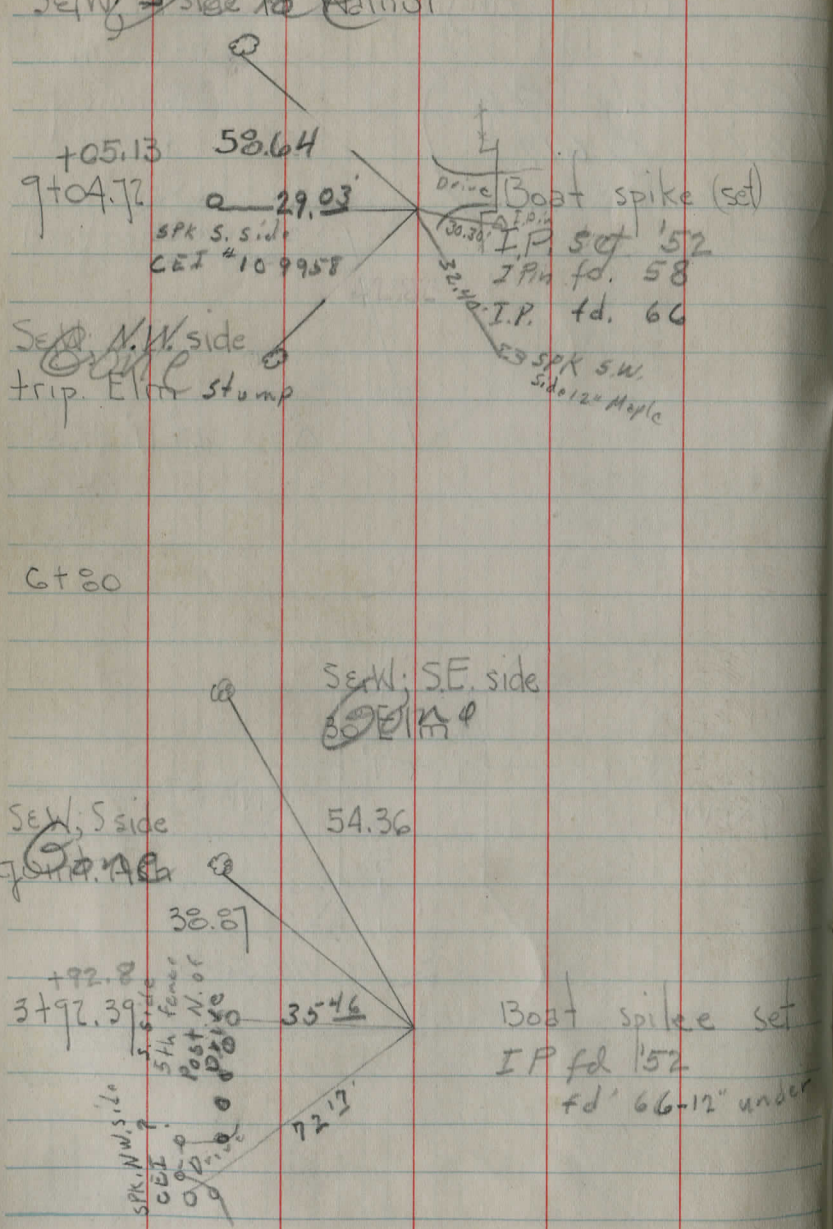
(60' Wide Rev. Vol C Pg 619 Road Records)

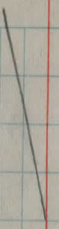
5-28-41
Pomeroy
Root
Richards
Hosford



Δ = 23°-11' Lt. ?
Et (prob 26½')

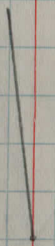






Δ= 2°-39'-30" Lt

Very bad spring hole



Δ= 4°-16' Lt
D= 3°
R= 1909.859
P.I.= 3+92.39
T= 71.14
P.C= 3+21.25
L= 1 42.22
P.T.= 4+63.47
E= 1.32

16+0 Boat spike set

by spk. set 4/29/71 (No find 66)

Set W; N.W. root 20" Map.

22.27

44.50

32.37

Set NE root 24" Oak

14+60

Spk E. side 15" Maple

24.70

37.55 IP in

30 20'

Spk S. side 18" Basswood

Set SW side 20" Map

Set S side 8" twin Ash

48.60

Same to 1'66

IP fd 58

Boat Spike set IP 52

+12.28

12+12.77

30

35.11 gone

48.80

Spike; S. side 15" Basswood

Set S.E. side 8" Ash

I.P. set '52

IP fd .58 66

11+51.58

P.o.t.

2'x1'x28.9' Stone box culv't.

4' Fill over culvt

10" pipe req'd

7 Ac wooded

Δ= 13°-25'-26" Rt. (12°-25'-20")

D= 5°-30'

R= 1041.741

P.I.= 12+12.77

T= 1 22.58

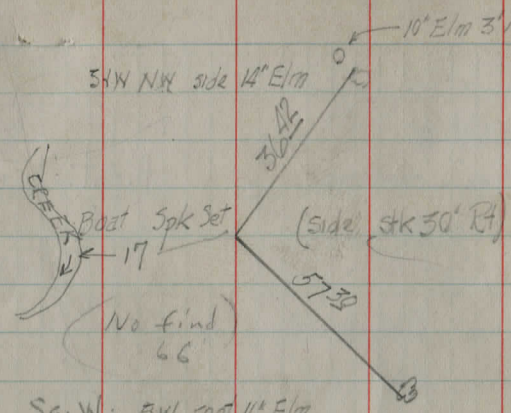
P.C.= 10+90.19

L= 2 44.04

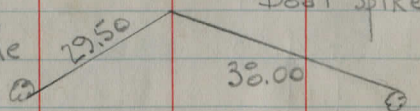
P.T.= 13+34.23

E 7.19

12+12.77
11+51.58
21.19



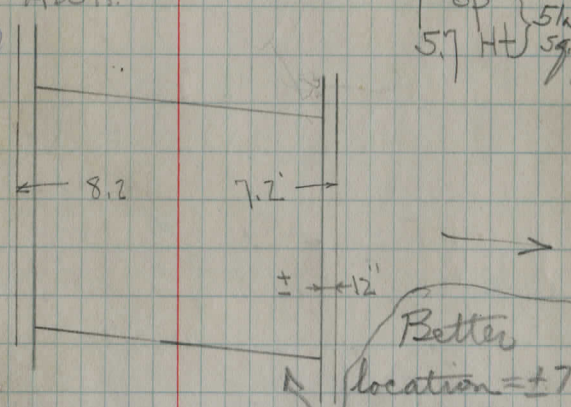
23+54 to center culvt



Δ = 0°-57' Rt.

Marked out 7/31/56

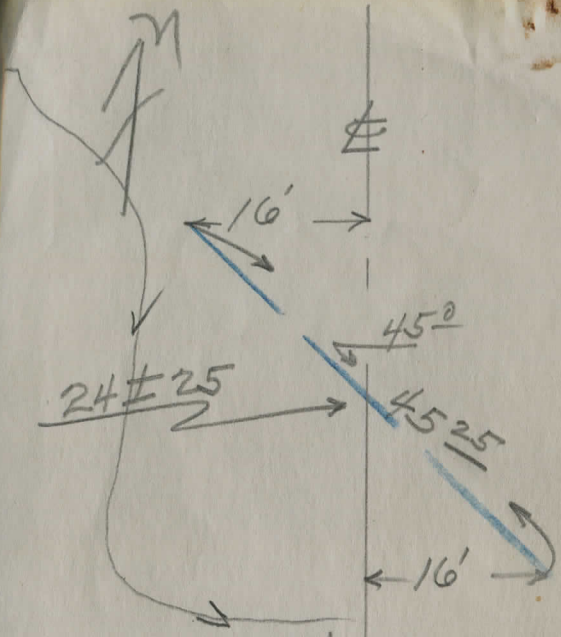
Conc. slab top culvt (pg 66 = X sec.)
Stone Abuts.
Excellent cond.



Better location = ±75' more N @ Skew NW to SE ±45°

7/31/56
hole under old Structure = 7 ft below ℄ grade
Make flow line Spot over 6 ft below ℄

P.O.T.



3 @ 72" diameter = 56.6 sq ft

or

3 @ 60" " = 58.8 "

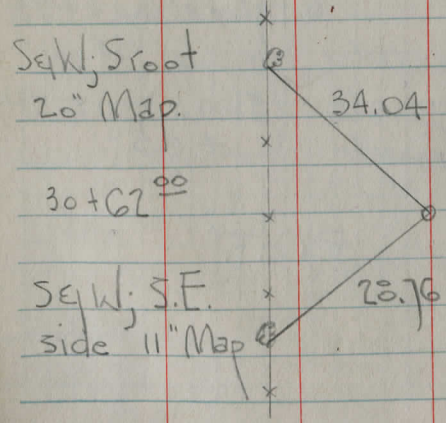
or

1 @ 77" x 121" = 50.3 "

or

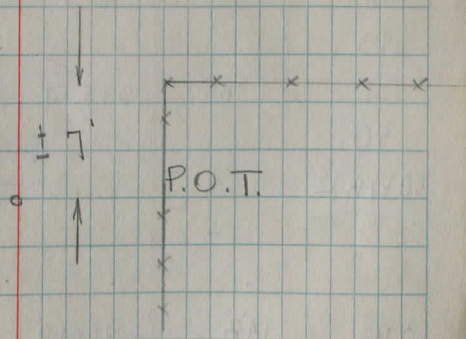
2 @ 58" x 91" = 56.6 "

50+26.75



fd 66

Boot Spk.



Profile of Hobart Rd.

Sta.	+	H.I.	−	E.	
36					915.81
37					916.11
T.P.	7.38	920.31	0.66	912.93	
38					912.39
39					908.09
B.M. #5			2.81	910.78	
40					905.29
Culvt. 40+80±					904.69
41					905.19
42					907.39
I.P.	2.63	913.59	4.21	910.96	
43					910.67
44					913.37
45					912.07
46					910.37
47					909.97
48					909.37
49					909.87
T.P.	2.58	915.17	10.01	912.59	
50					911.60
50+26.5					911.57
			10.18	912.42	
B.M.	1.48	922.60			921.12

E		W
	4.5	
	4.2	
	1.2	
	5.5	
B.M. Spk. N.E. root 24" Maple 30' Lt. Sta. 39+30		
	8.3	
Fl. 11.0	8.9	Fl. 10.8
	8.4	
	6.2	
	4.5	
	1.8	
	3.1	
	4.8	
	5.2	
	5.8	
	5.9	
Sta. 27.50+0		
1100 Sta. 50		
1103 at intersection		

Ref. S&W. N.W. root 16" Maple 40' Lt. of Sta. 50+0

B.M. #6 of Park-Farm Rd. Sta. 81+24

	+	H.I.	−	E	
21					906.94
T.P.	11.69	911.64	0.60	899.95	
22					895.65
T.P.	13.26	900.55	0.57	887.29	
23					884.16
Bridge	23+54				882.06
24					881.96
25					882.76
T.P.	0.03	887.86	11.24	887.83	
26					885.77
27					896.37
T.P.	0.55	899.07	13.05	898.52	
27+30					898.67
28					904.67
T.P.	0.43	911.57	11.10	911.14	
29					911.34
B.M. #4			3.98	91886	
30					920.34
30+40					922.14
31					920.84
T.P.	4.63	922.84	2.10	918.21	
32					918.51
33					916.81
34					916.41
35					916.01
		920.31			

E W

4.7

4.9

3.7

F.L. Flow

6.1 11.9

5.8

6.4

5.1

F.L.
13.6 = 6.8

13.3

2.7

12.9

6.9

Top Stk. Sta 28+90 10' E of A

11.5

B.M. Spk. N. root 2'fr. trunk. 24" Mad 20' Lt. Sta. 29+50

2.5

0.7 crest of hill

2.0

1.8

3.5

3.9

4.3

	+	H.I.	−	E.	
T.P.	0.26	908.52	12.72	908.26	
6+90					908.38
7					913.98
T.P.	0.10	920.98	12.26	920.88	
B.M.#2			1.20	931.94	
8					926.84
8+90					931.54
9+0					931.14
T.P.	4.05	933.14	1.32	929.09	
10					926.11
11					922.01
T.P.	9.67	930.41	1.09	920.74	
12					919.63
13					917.73
14					910.03
T.P.	13.07	921.83	11.25	908.76	
Culvt.					909.56
15					909.41
16					912.51
17					914.51
18					911.91
B.M.#3			6.02	913.99	
T.P.	8.86	920.01	0.49	911.15	
19					910.24
20					910.49
		911.64			

E W

12.6
7.0

Spk. W. root twin 10" W charru 15' Lt. Sta. 8+50

6.9
1.6 Top of bk
2.0

4.3
8.4

Stk W. side Rd. Sta 11+80

2.0
4.1
11.8

F.L.	Hd. of bk.		Hd. of bk.	F.L.
19.0	15.0	10.5	14.8	15.6

10.6
2.5
5.5
8.1

B.M. Spk. N.E. Root 24" Map. 15' Lt. Sta. 17+20

1.4
1.2

	+	H.I.	−	E	
B.M.#1			5.27	881.72	
100' E.					884.79
100' S.					887.19
0+0					885.39
S.end bridge					885.39
E Bridge					885.19
N end bridge					884.49
1					881.79
2					882.09
T.P.	3.80	886.99	12.74	883.19	
3					888.23
4					885.43
5+0					889.73
T.P.	0.24	895.93	12.83	895.69	
6+0					897.72
		908.52			

E W

Spk. W. root 24" Mag. 15' Lt. St. 2. 1+15

2.2
2.2
1.6
1.6
F.L. 13.3 — 1.8 — F.L. 13.6
2.5
5.2
4.9

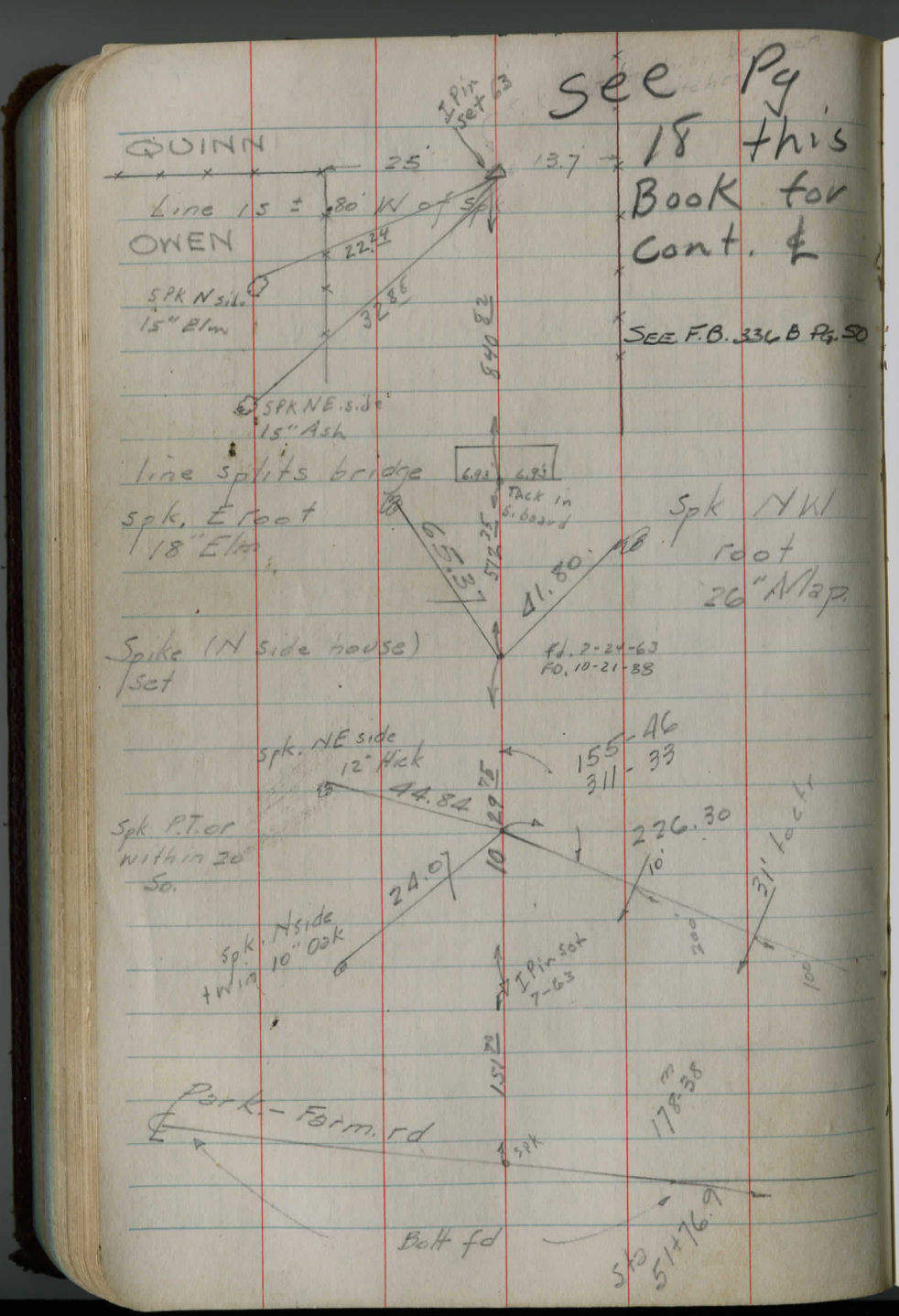
12.7
10.5
6.2

10.8

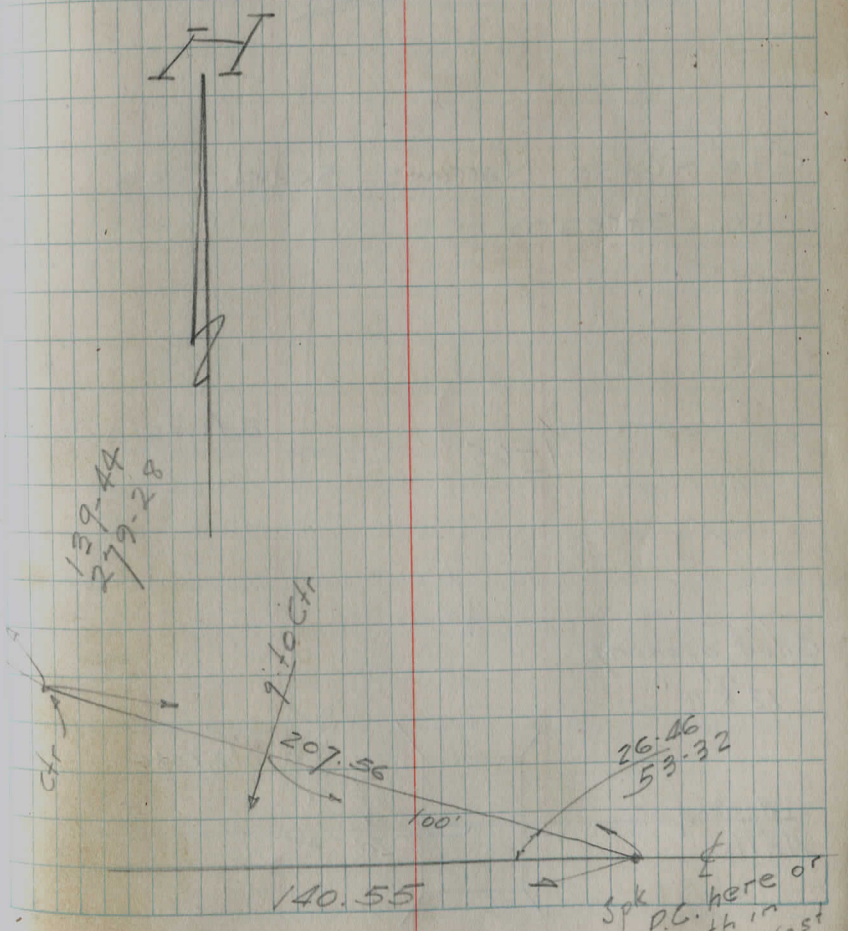
	+	H.I.	−	Elev.	
B.M.			2.00	922.22	922.60
T.P.	11.18	924.22	7.41	913.04	
B.M.5			9.69	910.76	910.78
T.P.	1.71	920.45	5.00	918.74	
B.M.# 4			4.94	918.80	918.86
T.B.	7.59	923.74	0.21	916.15	
T.P.	12.73	916.36	0.00	903.63	
T.P.	13.25	903.63	2.39	890.38	
T.P.	0.18	892.77	13.12	892.59	
T.P.	0.15	905.71	11.40	905.56	
T.P.	2.98	916.96			
B.M.#3			6.11	913.98	913.99
T.P.	11.35	920.09	12.47	908.74	908.76
T.P.	0.52	921.21	6.50	920.69	920.74
T.P.	0.95	927.19	6.31	926.24	
B.M.#2			0.64	931.91	931.94
T.P.	12.48	932.55	0.49	920.07	
T.P.	13.17	920.56	0.69	907.39	
T.P.	13.27	908.08	0.86	894.81	
T.P.	12.03	895.67	3.35	883.64	
B.M.#1	5.27	886.99			

B.M.# 6 of Park-Farm' Surv.

Stk. 10' E of ℄ Sta. 32

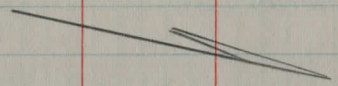


Southerly End of OWEN Road
Parkman Twp.
10-24-42
Pom
Clark

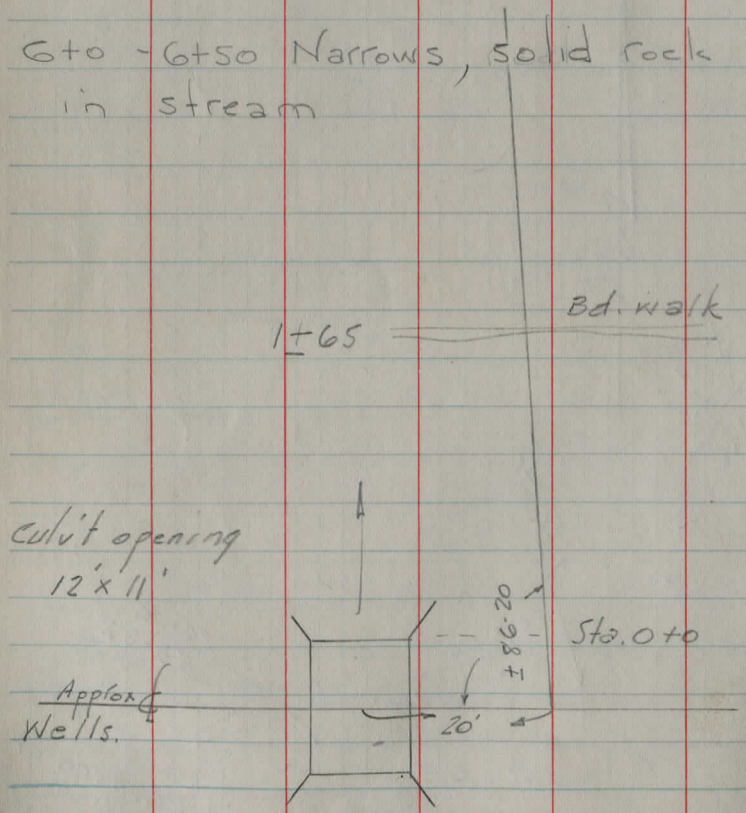


LEVELS at PAGES
WELLS STREET

11-4-42
Tom Clark



6 to -6+50 Narrows, solid rock in stream



Levels	Pages	on	Wells St.
6+50			81.4
6+0			81.8
T.P.	3.17	92.15	8.16	88.98
5+0			82.7
4+0			83.6
3+0			85.8
T.P.	5.17	97.14	9.11	91.97
2+0			86.7
1+0			88.8
0+0			88.1
B.M.	1.08	101.08		100.00

○ = Chan.

South 7+50 10.7

North 72

1.7 60 (10.8 30) 8.4 6.7 25 5.8 70 steepens

0.9 75 2.6 50 (10.4 32) 8.9 7.2 40 5.3 70

6.5 67 (14.4 51) 12.1 11.0 52

Steep (13.5 45) 10.6 10.3 78 steep

steep (11.3 38) 9.1 8.5 42 ± 25 steepens

steep (14.4 57) 11.9 11.5 48

Steep 9.9 100 (12.3 32) 10.8 9.9 100 ± 25 steepens

(13.0 F.L.)

N.E. & West hdwl

E

SECTIONS

BM #4	5.90	953.41		947.51
T.P.	11.95	964.63	0.73	952.68
T.P.	12.65	976.60	0.68	963.95

				972.8								
0+50	1.5	0.5	4.4	3.8	3.7							
	30	18.5	10		14							
T.P.	11.21	987.23		0.58	976.02	80.0	79.9					
0+50						7.3	7.5	7.2	7.3			
						27	40	100	138.5			
							55					
				977.7								
1+0	10.0	8.4	7.8	9.5	9.5	9.7	6.4	5.8	5.3			
	30	18	12	6		6	12	29	50			
					980.5		81.9	82.2	83.2	983.5		
1+50	±10.0	8.8	7.4	6.8	6.7	6.6	5.3	5.0	4.0	3.7		
	30	20	12	5		6	10	19	21	34		
										℄		
					980.8	81.6		81.2	82.3	82.9	84.4	
2+0	±14.8	11.3	9.9	7.3	6.4	5.6	℄	6.0	℄	4.3	2.8	
	30	19	14	7		8	12	19	25	50		
		72.2	76.3	79.9	980.4		79.9	82.0	83.2	83.9		
2+50		15.0	10.9	7.3	6.8	℄	7.3	5.2	4.0	3.3		
		25	17	8		2	10	15	24	34		
					979.5							
3+0	11.6	8.2	7.0	8.2	7.1	8.5	5.0	5.7				
	30	16	10	8	℄ trav	6	12	34				
							23					
T.P.	0.53	978.65		9.11			978.12					

73

OWEN ROAD

Spk W root 22" Map. 34' Rt Sta. 44+32

Park. - Farm. Road

78.9	979.6			79.3	77.2							
8.3	7.6	7.9		10.0	10.8		℄ ±158					
140.5	145	159		181	200							
82.0	81.5	82.3		81.7	82.0							
5.2	5.7	4.9	℄	5.5	5.2	level						
64	66	70	±88	94	113							
83.1	84.0											
4.1	3.2											
43	60											

A-1-43

Randles

Farm - Hall

Note: Stationing runs north from Park - Farm road along tangent of curve as per Owen easement.

978.65

4+0					
T.P.	0.47	966.17	12.95	965.70	
				955.32	
			10.85	H_2O level in	
5+0				958.9	
5+35	Culvt				
6+0					
7+0					
8+0					
BM. Set	8.69	962.73	12.13	954.04	
T.P.	7.05	956.65	13.13	949.60	
BM.			9.11	947.54	(947.51)

West E East 74

968.3

5.6 6.2 8.4 10.5 10.3 10.4 11.1 8.3 7.9 8.7
30 20 13 8 4 6 11 18 30

Owens pond 958.9

8.3 8.6 7.5 7.3 7.7 8.4 9.4
24 15 8 6 12 30
30

957.5

12.9 12.2 9.0 8.7 9.0 12.2
30 FL 11 7 F.L.
Ch

956.9

12.4 11.3 10.0 10.2 9.5 9.3 9.4 8.9 8.2
30 18 12 8 5 7 18 30

958.1

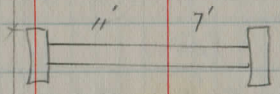
± 11.8 9.9 9.5 9.0 8.4 8.1 8.1 6.5 5.5
30 20 14 9 6 6 20 30
9

959.7
6.5

Spk E root twin Elm Sta 5+75 28' Lt

West ℄ E

15"x15"x18.5' Stone Culv.
Fair shape



5+35

15"x15" op.

15" stump ✓ 20.

13.5'

9" Ash ✓ 15'

14" Oak 19'

15'

0+70

23'

3+50

3+50 4+65

3+09 3+64

2+85 3+40

± 75'

brush

Big stump

0+29

℄

BM	8.84	962.88		954.04
T.P.			0.35	962.53
T.P.	9.90	972.43	0.35	962.53 8+70
9			8.1	964.3 ℄
10			+1.0	973.4 ℄
T.P.	12.46	974.99		962.53
T.P.	10.84	985.39	0.44	974.55
34.0				980.2
T.P.	6.09	987.84	3.64	981.75
2+50				982.3
2+0				983.2
1+50				982.6
1+0				981.3
+50				978.6
PCC-36				978.7

W ℄ E 76

Targ

4' E tr ℄

12.7 7.7 5.5 4.9 5.2 5.1 3.4 1.6 0.6
30 24 16 10 4 6 23 30

3' E Edge

7.3 5.9 6.5 5.5 4.4 3.3
30 14 4 8 30

2' E Edge

5.4 4.5 4.4 4.6 3.0
22 20 15 30
30

2.5 E tr ℄

6.4 5.6 6.7 5.4 - 5.2 5.4 4.5 4.3
30 16 15 13 10 5 20 30

4' SW tr ℄

8.0 7.2 6.6 7.4 - 6.5 6.9 6.2 5.8
30 16 11 8 6 11 20 30

in W ditch

8.1 8.5 8.3 8.4 9.2 8.4 8.3 9.1 8.7
30 21 13 2 3 9 16 27
℄ tr rd 30

8.1 8.3 9.1 10.3 11.2 12.0 12.2
40 18 ℄ 16 24 36 40
W Edge

8-59 BRADFORD ROAD #215

H. Patterson
D. Ridenour
J. Amendola

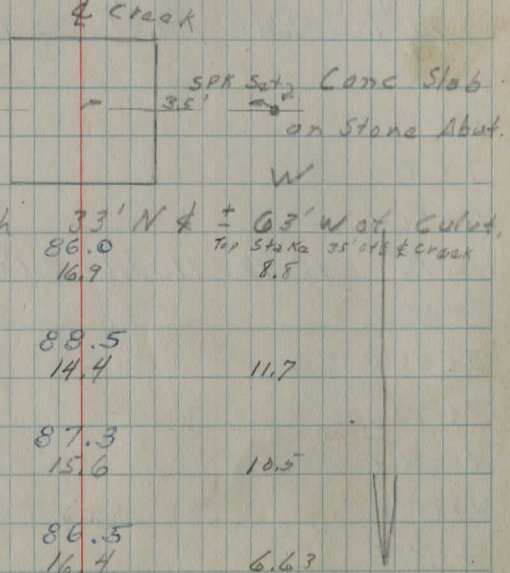
Ditch Levels ± 1 Mi.

	+	HI	-	Elev	
BM	2.94	102.94		100.00	Hort.
0+0				86.04	Outlet
1+0				88.54	
2+0				87.34	
T.P.			6.63	96.31	
3+0				86.54	
B.M. TP1	0.45	96.76	6.63	96.31	
4+0				85.56	
5+0				84.36	
TP	5.45	101.76	0.45	96 31	
B.M.			1.75	99.98	
BM. TP1	2.26	98.57		96.31	
6+0				83.2	
7+50				81.4	
B.M. 2			11.26	87.31	Hort. SPS

Parkman Twp

77

E. of Int. ℄ Hobart Rd



SPK E side 10" Ash 33' N & ± 63' W of Culvt.
Top Stake 35' off ℄ Creek

Flo / Culvt	86.0 16.9		8.8
35' off ℄	88.5 14.4		11.7
35' off ℄	87.3 15.6		10.5
38' off ℄ Creek	86.5 16.4		6.63
45' off ℄	85.6 11.2		7.74
35' off ℄	84.4 12.4		9.20
			12.2

15" C.I. S side Creek Sta 6+0

Diedrich
Doran Dec. 2, 61

Bradford Road
℄ Levels E. & W. from conc. slab bridge

Sta	+	H.I.	−	Rod	Elev
B.M. #1	1.91	101.91			100.00
0+0 W				10.57	91.31
0+50 W				9.46	92.45
1+0 W				7.01	94.90
1+50 W				2.48	99.43
T.P. #1	10.72	110.46	2.17		99.74
2+00 W				6.87	103.59
2+50 W				4.88	105.58
3+00 W				4.29	106.17
3+50 W				4.27	106.19
4+00 W				4.72	105.74
4+50 W				4.80	105.66
5+00 W				4.45	106.01
5+50 W				3.78	106.68
6+00 W				2.55	107.91
T.P. 2	1.60	107.19	4.87		105.59
B.M. #1				7.20	99.99
E B.M. #1	1.66	101.66			100.00
E 0+50				9.03	92.63
E 1+00				7.72	93.94
E 1+50				5.58	96.08
E 2+00				2.03	99.63
T.P. #1	11.79	113.01	0.44		101.22
E 2+50				8.86	104.15
E 3+00				5.49	107.52

Horz. spk. E. side 10" Ash 33' N. & 363' W. of culv't.

Bradford Road cont.

Sta	+	HI. 113.01	−	Rod	Elev.
E 3+50				3.21	109.80
E 4+00				1.62	111.39
E 4+50				0.13	112.88
T.P. #2	11.65	124.39	0.27		112.74
E 5+0				10.01	114.38
E 5+50				8.45	115.94
E 6+0				6.79	117.60
E 6+50				4.64	119.75
E 7+00				2.13	122.26
T.P. #3	11.37	135.55	0.21		124.18
E 7+50				10.95	124.60
E 8+00				8.72	126.83
E 8+50				6.87	128.68
E 9+00				4.40	131.15
E 9+40 crest of Hill				3.12	132.43
E 9+50				3.33	132.22
E 10+00				5.13	130.42
E 10+50				6.60	128.95
T.P. #4	0.15	124.23	11.47		124.08
T.P. #5	0.07	112.38	11.92		112.31
B.M. #1				12.45	99.93