FIELD BOOK

740

B. K. ELLIOTT COMPANY

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

TABLE FOR REDUCING PERCHES TO FEET AND INCHES.

Perch.	Feet.	Perch.	Feet.	Perch.	Feet.	Perch.	Feet.	Perch	Feet.
1	16 6 in.	21	3.46 6 in.	41	6.76.6 in	61	10.06.6 in.	81	13.36.6 in.
2	33.0	22	3.63.0	42	6.93.0	62	10.23.0	82	13.53.0
3	49.6	23	3.79.6	43	7.09 6	63	10.39.6	83	[illegible]
4	66.0	24	3.96.0	44	7.26.0	64	10.56.0	84	13.86.0
5	82.6	25	4 12.6	45	7.42.6	65	10.72.6	85	[illegible]
6	99.0	26	4.29.0	46	7.59.0	66	10.89.0	86	[illegible]
7	1.15.6	27	4.45 6	47	7.75.6	67	11.05.6	87	[illegible]
8	1.32.0	28	4.62.0	48	7.92.0	68	11.22.0	88	[illegible]
9	1.48.6	29	4.78.6	49	8.08.6	69	11.38.6	89	[illegible]
10	1.65.0	30	4.95.0	50	8.25.0	70	11.55.0	90	14.85.0
11	1.81.6	31	5 11.6	51	8.41.6	71	11.71.6	91	[illegible]
12	1.98 0	32	5.28 0	52	8.58.0	72	11.88.0	92	15.18.0
13	2.14.6	33	5.44.6	53	8.74.6	73	12.04.6	93	[illegible]
14	2.31.0	34	5.61 0	54	8.91.0	74	12.21.0	94	[illegible]
15	2.47.6	35	5.77 6	55	9.07.6	75	12.37.6	95	15.67.6
16	2.64.0	36	5.94.0	56	9.24.0	76	12.54.0	96	[illegible]
17	2.80.6	37	6.10.6	57	9.40.6	77	12.70.6	97	16.00.6
18	2.97.0	38	6.27 0	58	9.57.0	78	12.87.0	98	16.17.0
19	3.13.6	39	6.43.6	59	9.73.6	79	13.03.6	99	16.33.6
20	3.30.0	40	6.60.0	60	9.90.0	80	13.20.0	100	16.50.0

C.H #6 Old State Road Sec A.

Trumbull Co. Line N'Wly to Boon School House

N.R.S Project #444

Marg. Stk's for Schultz on old St. Rd.

Old State in vicinity of TRENDLE PROP. 1944

Topo Pgs 19-20

Sect. " 36-38

Old State Road Page 2

Parkman Middlefield Twp. Line Road

Shedd Rd. Sec ~~E~~ D T.H. 126 Page 68

Parkman Middlefield Twp Line T.H. 126 Road Sec B. Page 40

Bridge on Old State Road Page 29

Ī C.H.s #4 & #16 Pg 46

SEE NEXT PAGE

(148)

24" I Beams
2
168
24' span

OLD STATE ROAD Sec B (Pt 1)
1944 Grading project.

Alignment	pg	2-18
Topo	"	19-20
Sections	"	36-38-52
Slopes	"	48-49

CH 6 Old State Road, Middlefield Twp
(Copy of Notes of State Highway Dept.)

Sta Angle Bearing

6+29.8 Δ P.O.T.

N 33° W.

0+00 Δ 1°-04' Rt

July '47

Stks 25' Rt every 100' to 47+0 then 49+0 - 52+00 then every 200 92+0 = 20' Rt 94 = 20' Lt then all 20' Rt

(Copied 12-23-35) CCG.

2

℄

No find ref Mar '46

Sta 6+29.8

Nail in S. Side 3" Locust, 32.22

30.54 Nail in S.W. Side 3" Locust.

2" Maple

18.68

38°-20'

County

County

Nail in W. Side 30" Maple 43.35

Sta 0+00 33.18 B.M. Spike in S.W. Root 30" Maple

I.P. set 1" down 3-6-46

Gedrge Trumbull

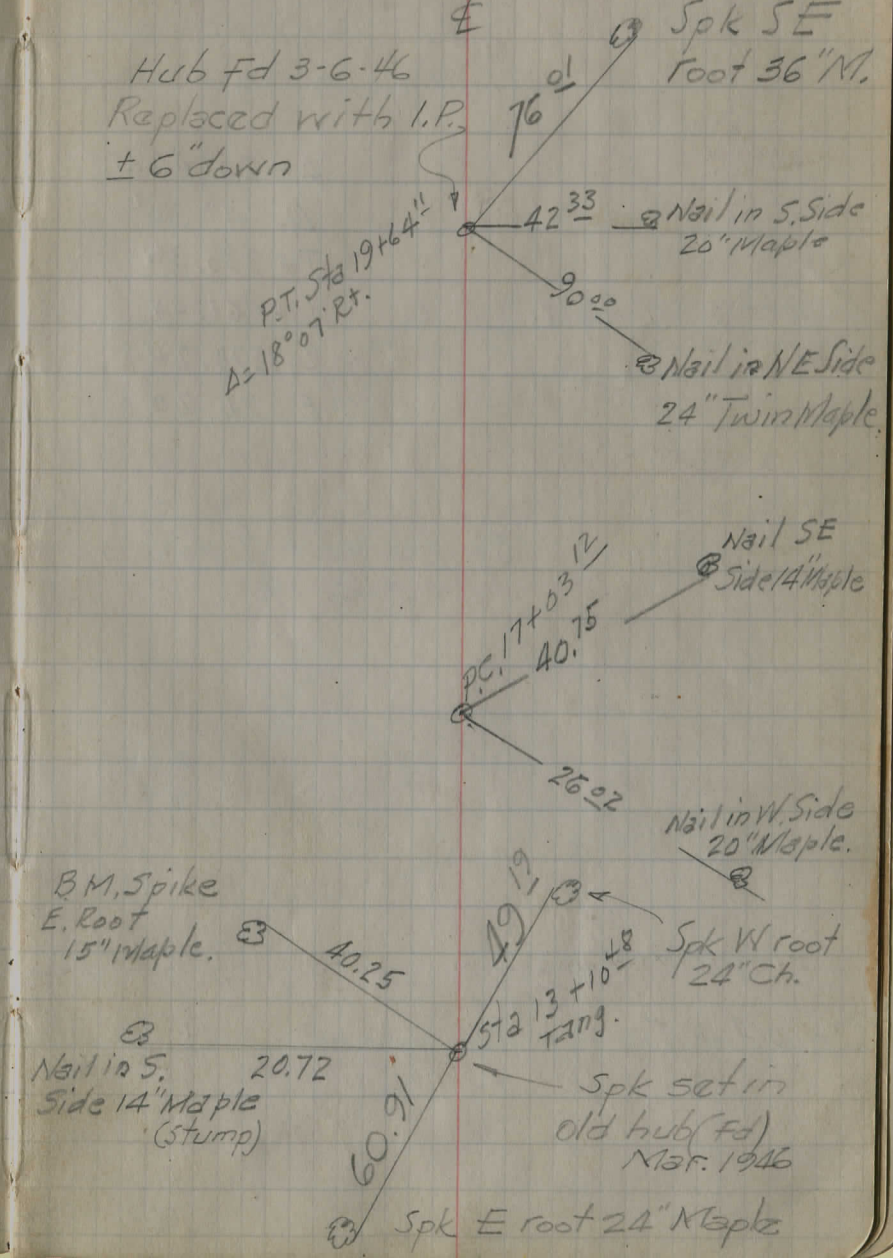
1°-04'

19+64.11 Δ 18°-07' Rt

Δ = 18°-07' Rt
D = 3°-30'
T = 260.99
L = 517.62
R = 1637.02
E = 20.67

17+03.12 P.C.

13+10.48 P.O.T.



10-19-1933
Damp Dark
Raw.

24+0 - 86.77 - 1-57
25+0 - 4-12
26+0 - 6-27
27+0 8-42
27+74.71 - 10-23

$\Delta = 20° 46' Lt.$
$D = 4° 30'$
$T = 233.30$
$L = 461.48$
$R = 1273.24$
$E = 21.20$

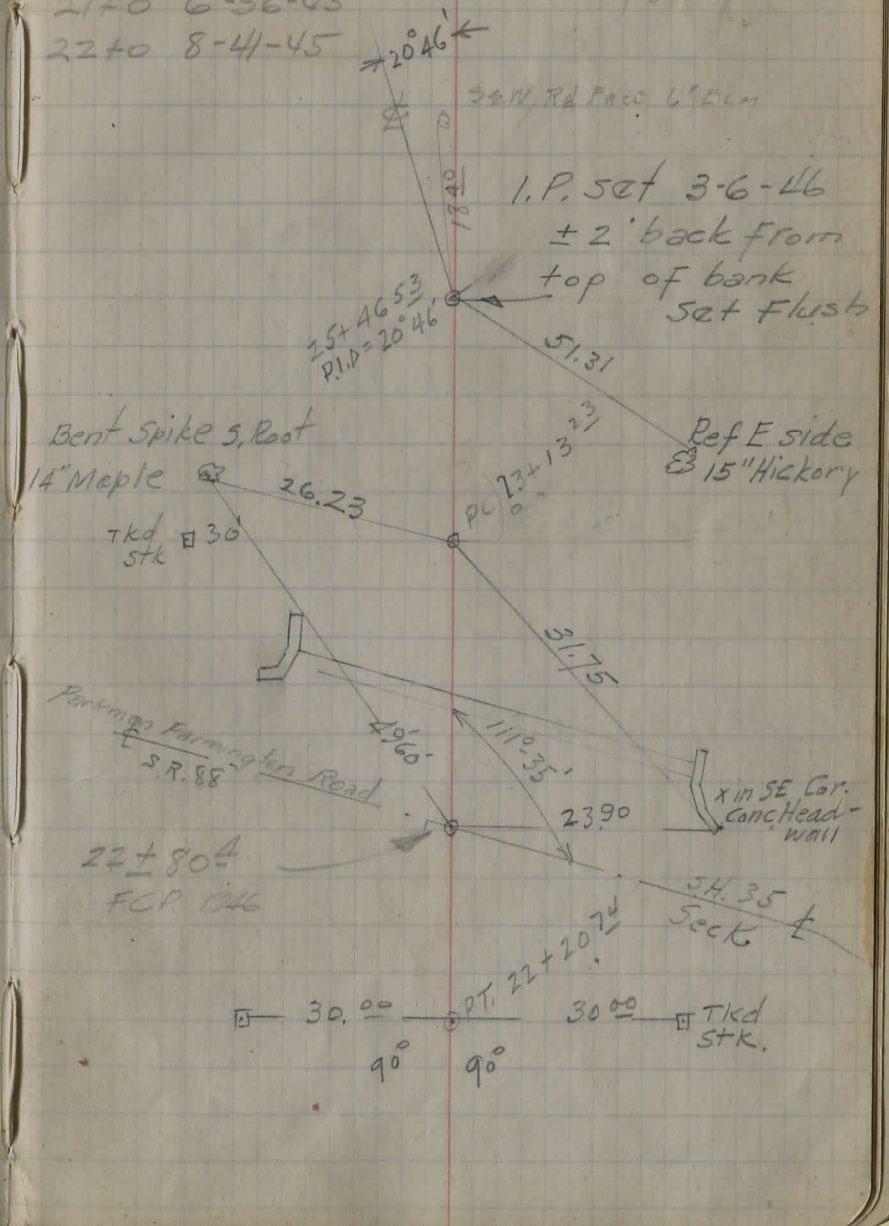
$25+46\frac{53}{-}$ Δ 20°-46' Lt.

$23+13\frac{23}{-}$ PC.

Spike set $\frac{1}{2}$" down
3-6-46

$22+20\frac{74}{-}$ PT

18+0 - 96.88 = 1-41-45
19+0 3-26-45
20+0 5-11-45
21+0 6-56-45
22+0 8-41-45



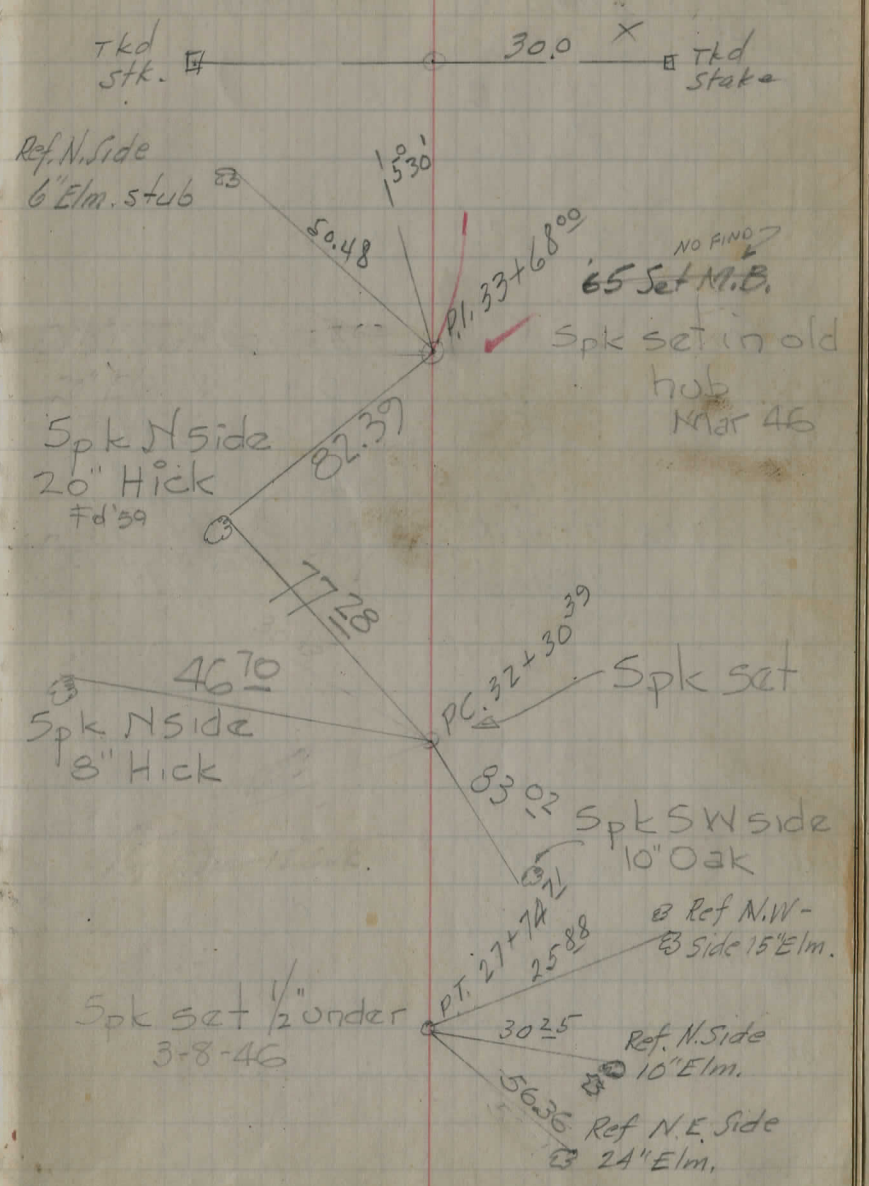
(94 61)

35+05 39	P.T. 2°-45'	
35+00	2-41 77	
+50	2-11 77	
		Δ = 5°30' Lt
34+00	1-41 77	D = 2°00'
33+68 00	Δ 5°30' Lt.	T = 137.61
		L = 275.00
+50	1°-11 77	R = 2864 79
		E 3.30
33+00	0°-41 77	
+50	(19 61) 0° 11 77	
32+30 39	P.C. 0° 00'	

(25 29)

27+74 71	P T

894.92

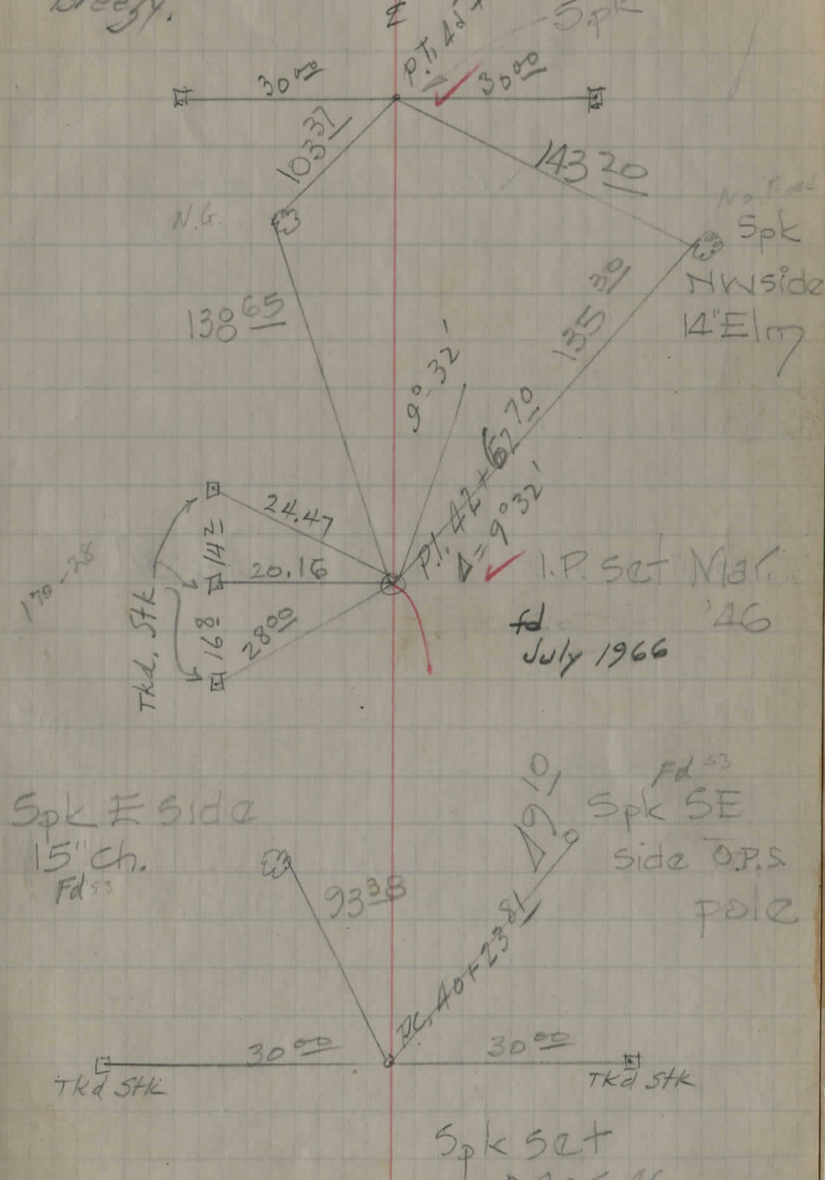


Sta	Angle	Bearing
45+00.48 P.T.	4°46	
45	4° 49.71'	
+50	4° 15.71'	
44	3° 45.71'	1-00
+50	3 15.71'	
43	2° 45.71'	
42+62.70 P.I.Δ	9°-32' Rt	
+50	2° 15.71'	
42	1° 45.71'	
+50	1°-15.71'	
41	0° 45.71'	
+50	0° 15.71'	
(26.19) +23.81 P.C.	0-00	
40		

Δ = 9°-32' Rt
D = 2°00'
T = 238.89
L = 476.67
R = 2864.79
E 9.94

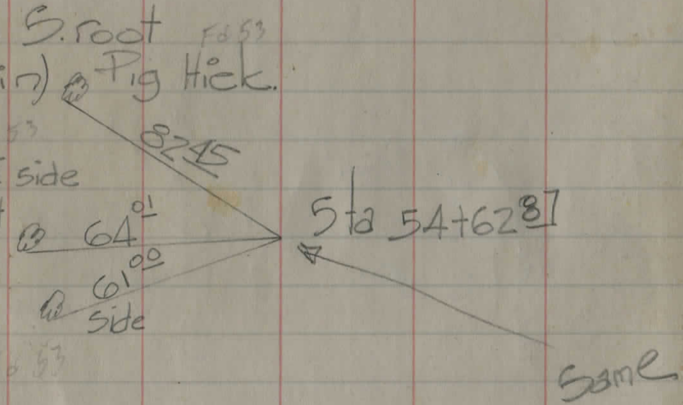
42 62.70
238.89
40+23.81

10-20-33
Fall Day
Breezy.



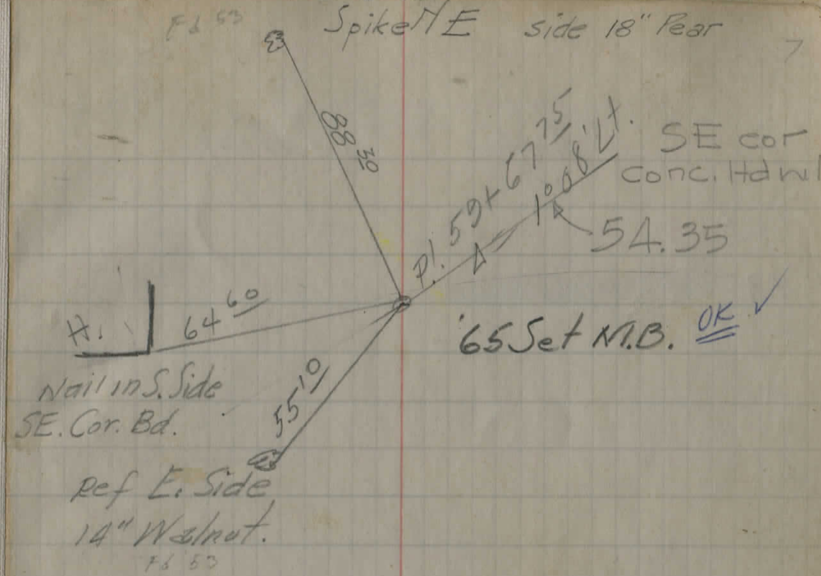
894.92

Sta	Angle	Bearing
60 (32^{25})		
59+67^{75}	ΔPI 1°08' Lt.	Pipe set from ref. 9-15-44 F.C.P.

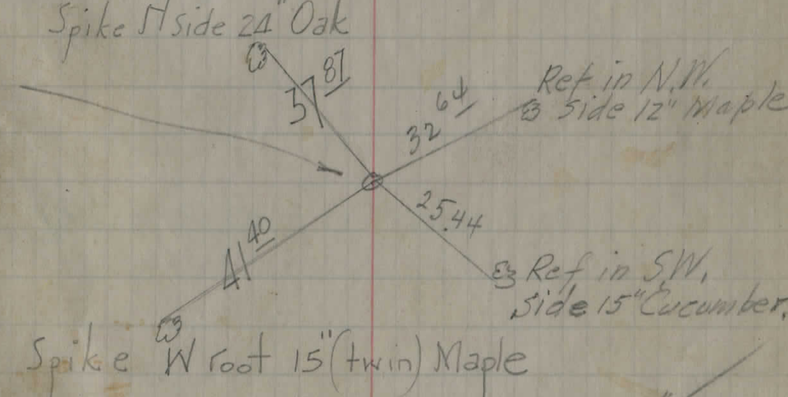


54+62^{87} Δ P.O.T. Reref 9-15-44 F.C.P. Hub fd.

47+0 Quit 7-21-47

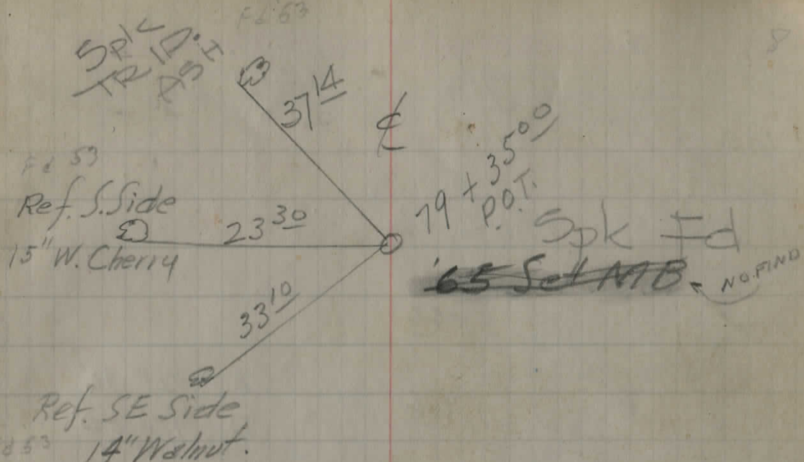


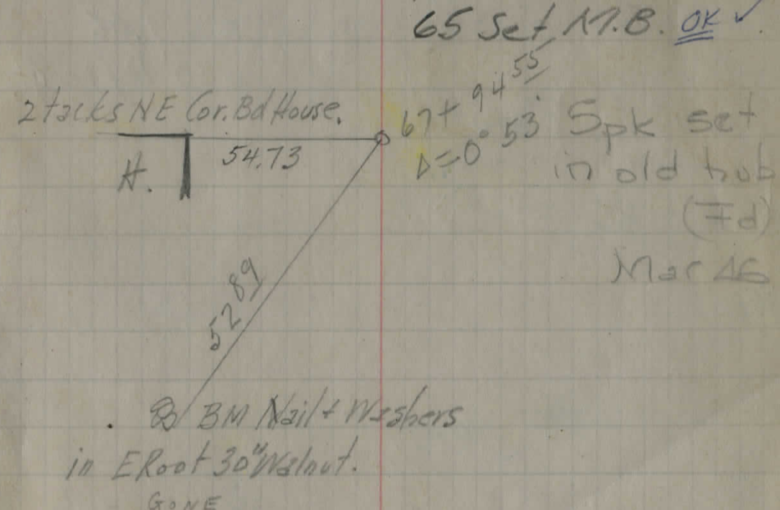
'65 Set M.B. OK ✓



✓

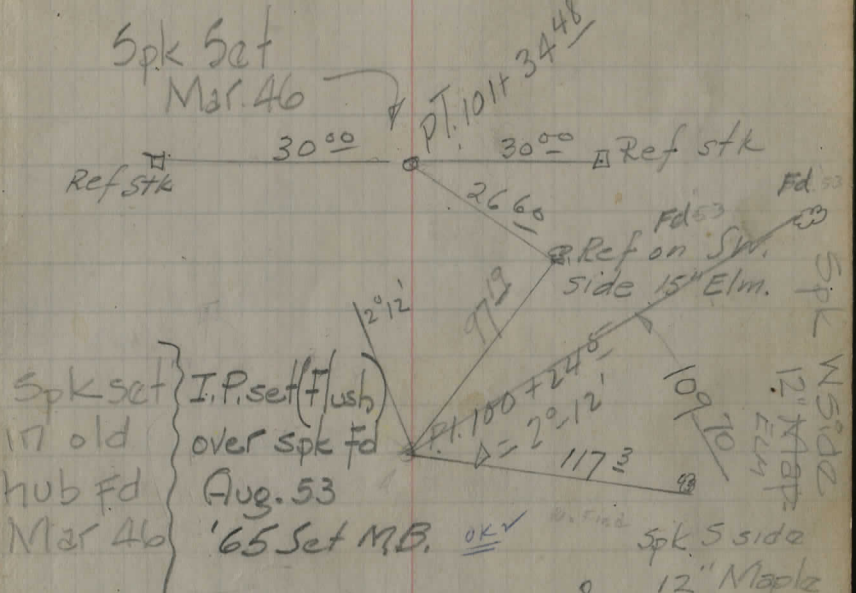
Sta	Angle	Bearing
79+35.00	Δ P.O.T.	
(5.95±) 67+94.55	Δ 0°-53' Rt.	

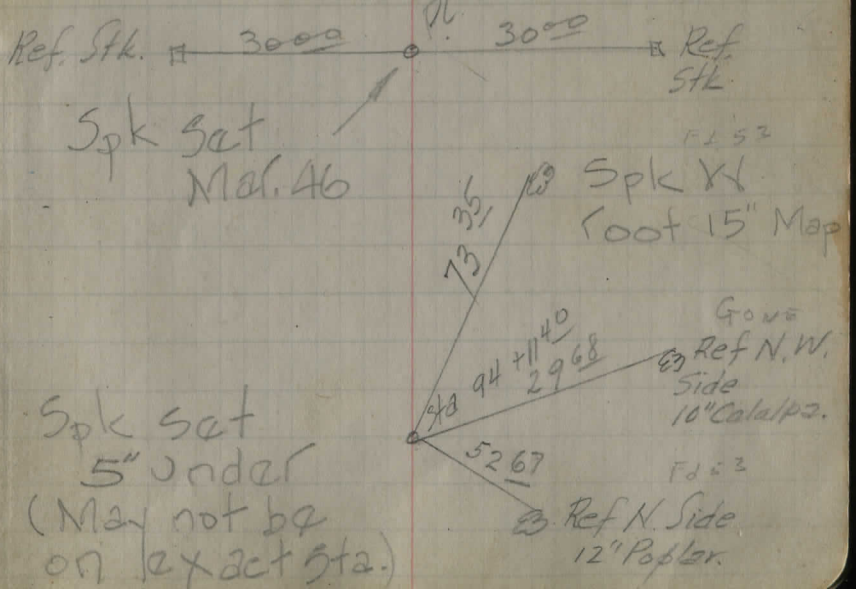




Sta		Angle	Bearing
102			
(65.52)			
101+34.48	PT	1° 06'	
101+00		0 55.66	
100+50		0 40.66	
100+24.5	Δ P.I.	2 12' Lt	
100+00		0° 25.66'	
99+50		0° 10.66'	
(35.52)			
99+14.48	PC		
94+11.40	P.O.T.		

A = 2° 12'
D = 1° 00'
T = 110.02
L = 220.00
R = 5729.50
E 1.86
0.30' Def per ft.





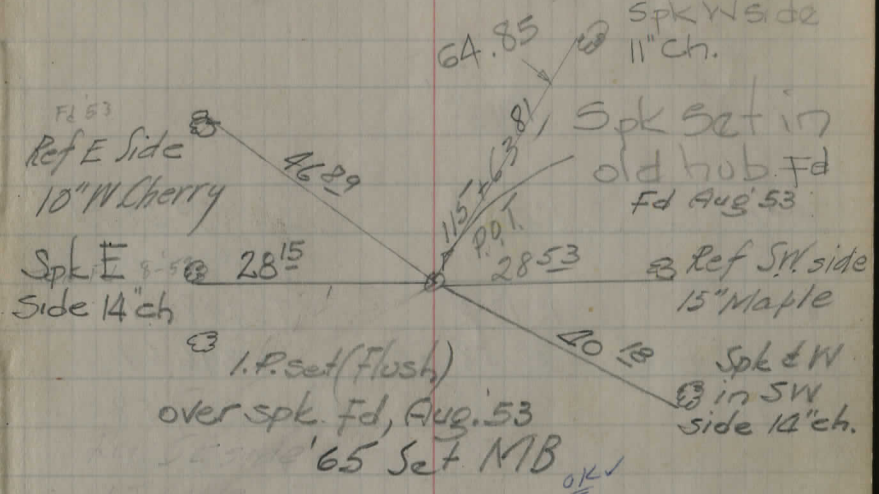
36.19

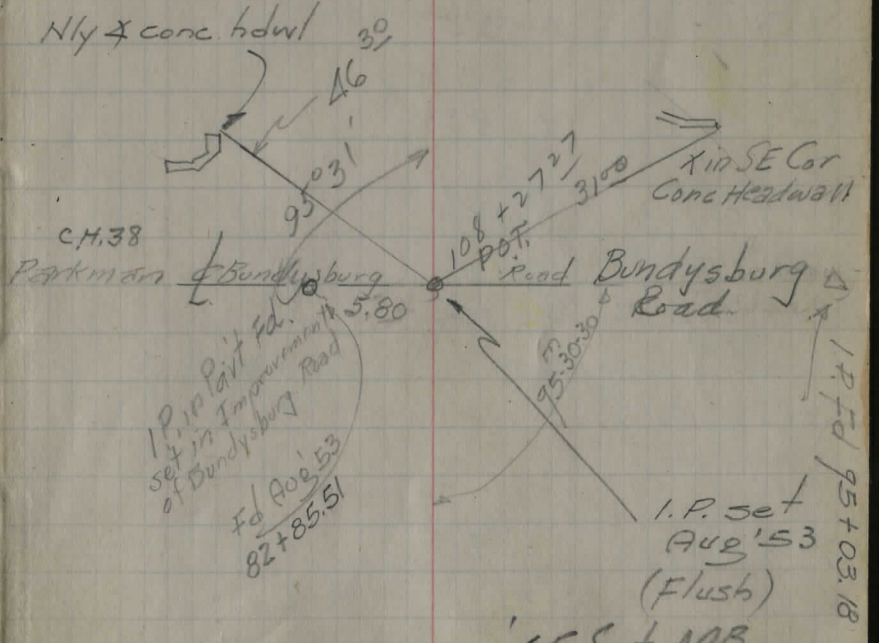
115+63.81 Δ P.O.T.

108+27.27 Δ P.O.T.

10-23-33
Fair

Hanna
Davidson
Sperry
Graw.





+50	1°-43½'	
131+0	1°-28½'	Δ = 3°-58 Rt
		D = 1°-00'
+50	1°-13½'	T = 198.41
130+04.53 Δ	3°-58' Rt.	L = 396.67
		R = 5729.58
130+0	0-58½	E = 3.44
+50	0°-43½	
129	0-28½	
+50	0°-13½	
(4388)		
128+06.12 PC.	0°-00'	
122+84.25 P.O.T.		

℄

NO FIND

~~65 Set M.B.~~

Spk Set
±7" under
Mar 46

Gone 10/65

130+04.53 Δ = 3°-58' Rt.

Ref W. Side 24" Maple — 45.75

Ref SW. Side 18" Elm — 35.42

Ref NE side 12" Ash. — 45.51

176-01
352-02

Spk Set From Ref Mar 46
± 1" under

128+06.12 Δ = 43.83

Ref N.W Side 18" Oak

Ref N.W. Side 26" Elm. — 26.01

Ref SW. Side 12" W. Cherry — 30.10

Ref N Side 14" Twin Elm. GONE — 34.34

122+84.25 P.O.T.

Ref E Side 12" Elm. — 37.63

10-24-33
Cloudy-Rain.

℄ Hanna
Davidson
Sperry
Graw

12

147+85.4 Rd to East (Reeves Rd)

144
(1997)
143+20.03 Δ P.O.T. ✓

(9721)
132+02.79 P.T. ✓ 1°59'

132 1°-58 16'

Spk Set 6" under
Mar 46

T.H. 213 ℄

P.O.T.

143+20.03
28.44
Ref. W. Side
12" W. Cherry

28.35
Ref S.W.
Side Triplet
Maple.

P.T. 132+02.79

FI 53
36.50
Ref N.W. Side
20" Twin Maple

32.52
Ref S.E. Side
20" Maple

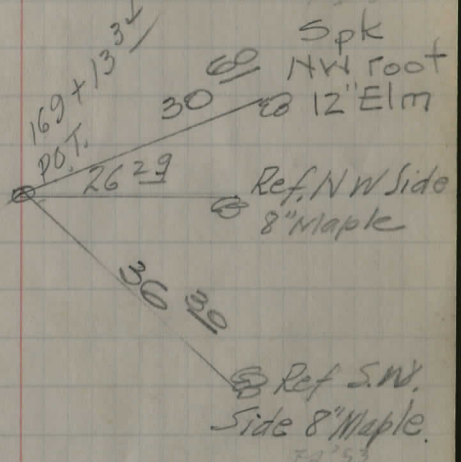
47.59
FI 53
Ref S.W. Side
15" Twin Maple

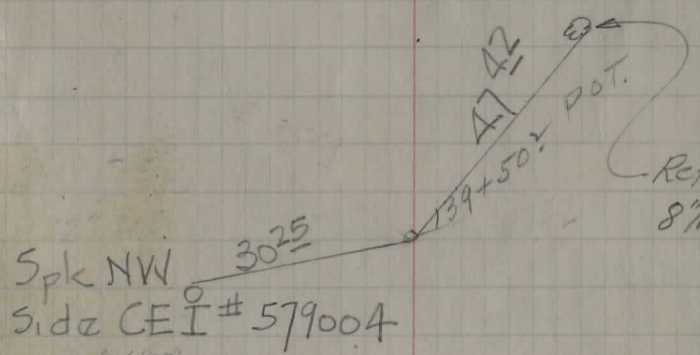
Sta Angle Br.

8666

163+13.34 Δ P.O.T. Spk set on line ℄ ± Sta 163+14 1" down

159+50.2 Δ P.O.T. ✓ Spk Set Mar 46 7" under





3.673 miles Parkman

5284 / 19394

191+85.17 ΔPOT.

19185
2790
16095

176+84.15 ΔPOT.

125°20'

193+92 ℄ Road T.H. 126

Spk W side End (15") Map.

191+85.17 POT. 75.09

37.75 Ref E Side 14" Maple STUMP

Spike set 1" under

31.98 Ref SE Side 18" Maple

37.18 Ref S. Side 12" Maple: ? Stump

65 Set 11.8 OK / or at 163+13.32

Ref NE Side 18" Maple

45.89

176+84.15 POT.

46.04 Spk NW side 12" Hick

62.96

+1.2

Ref SE Side 12" Maple.

Spk Set No Sta.

Probably about 163+50

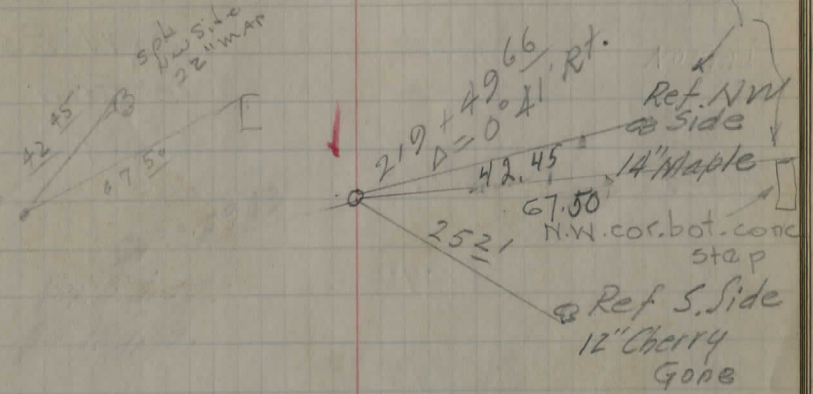
53.26

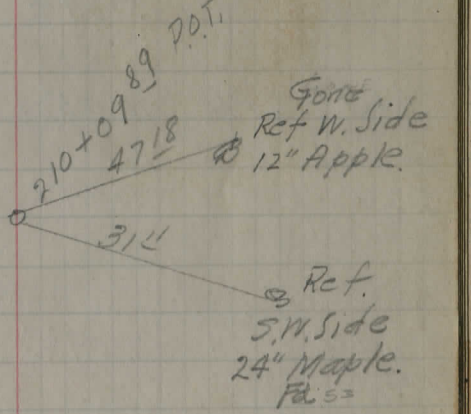
Spk N side 12" Oak

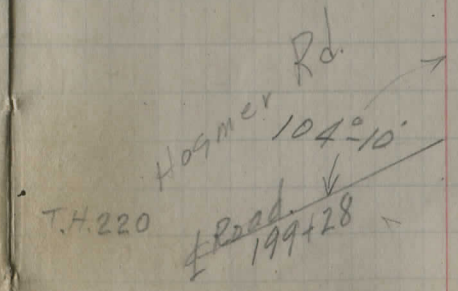
34
(50+94)

219+49.66 0° 41' Rt. Spk set w edge of old hub

210+09.89 ℄ P.O.T. Spk Set







10-25-33
cold & damp
Sleet

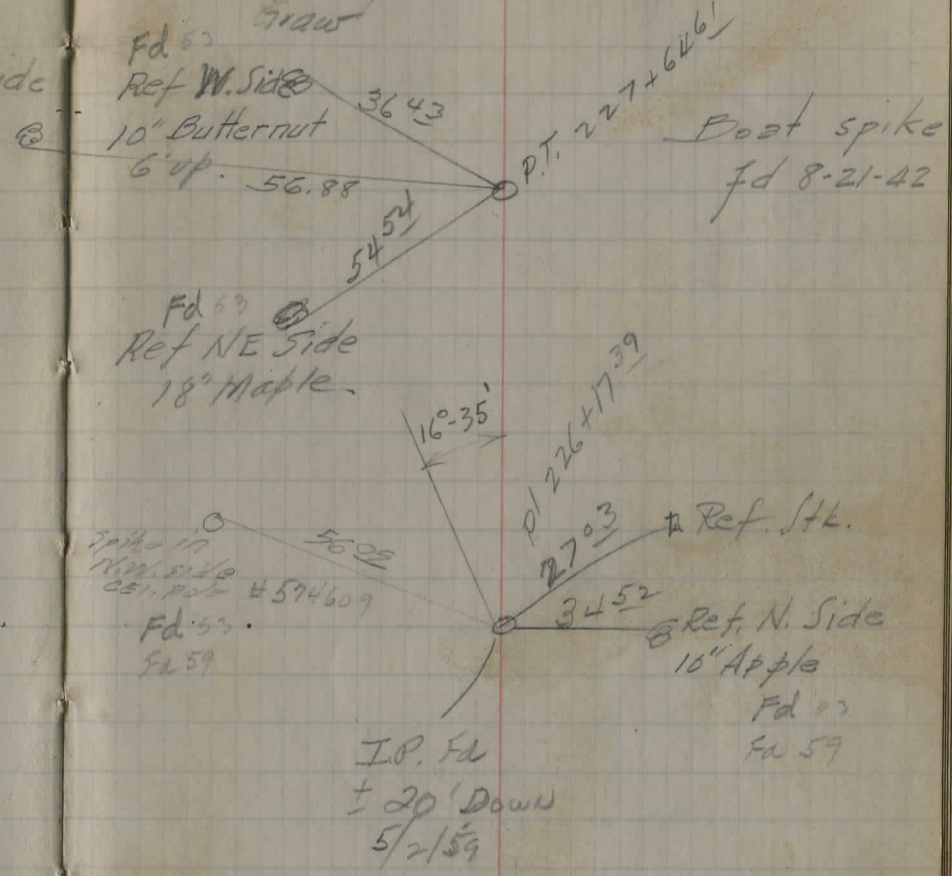
(45 39)

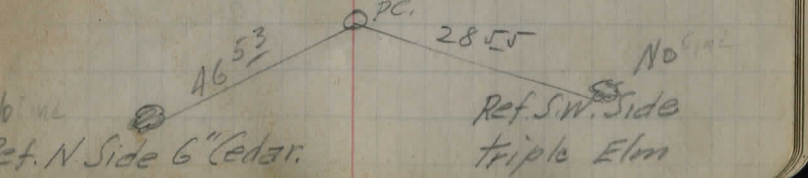
227+54 6/	PT	3°-17 50	
+50		8°-09 20	
227		6°-39 20	
+50		5°-09 30'	Δ = 16°35' Lt.
226+17 39	P.I.	16°-35' Lt.	D = 6°00'
			T = 139.17
			R = 954.93
226		3-39 20	E = 10.09
+50		2-09 20	
225		0°-39 20	
21 78			
224+78 22	PC		

S & W E side
10" Elm
5' up

Hanna
Davidson
Sperry
Graw

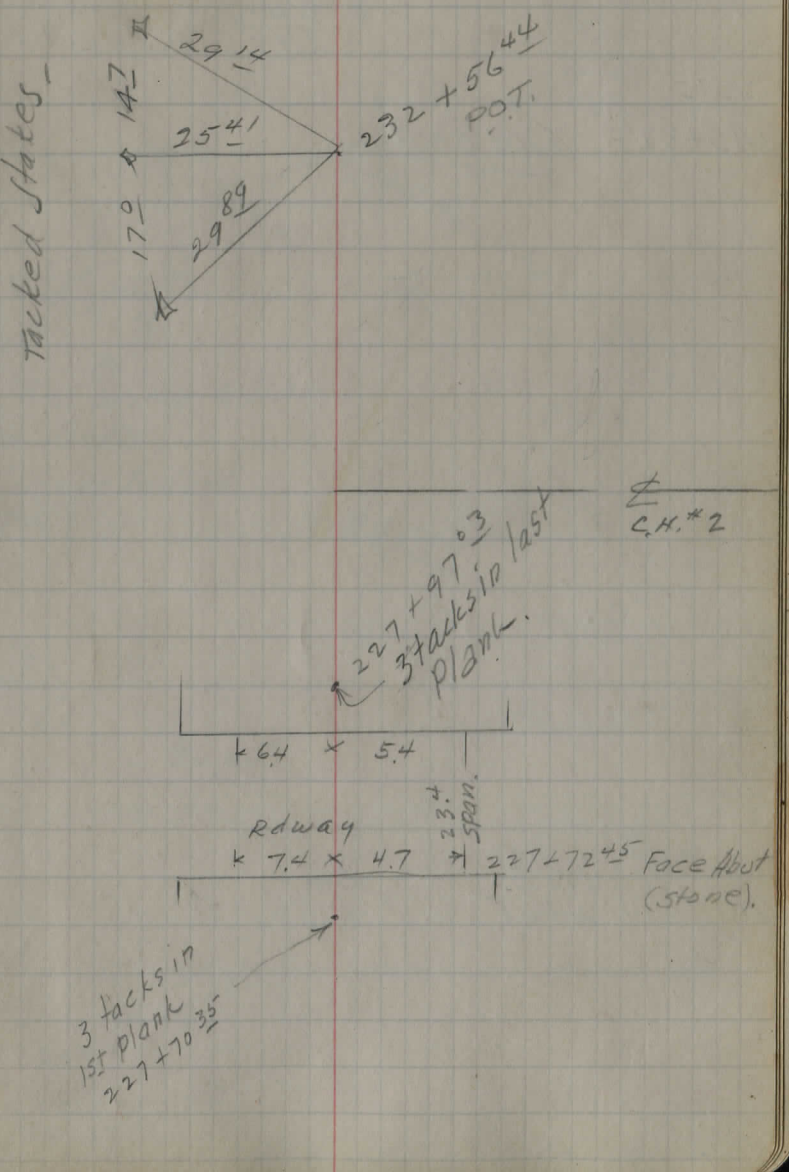
16





233
(43 56)
232+56 44 Δ P.O.T.

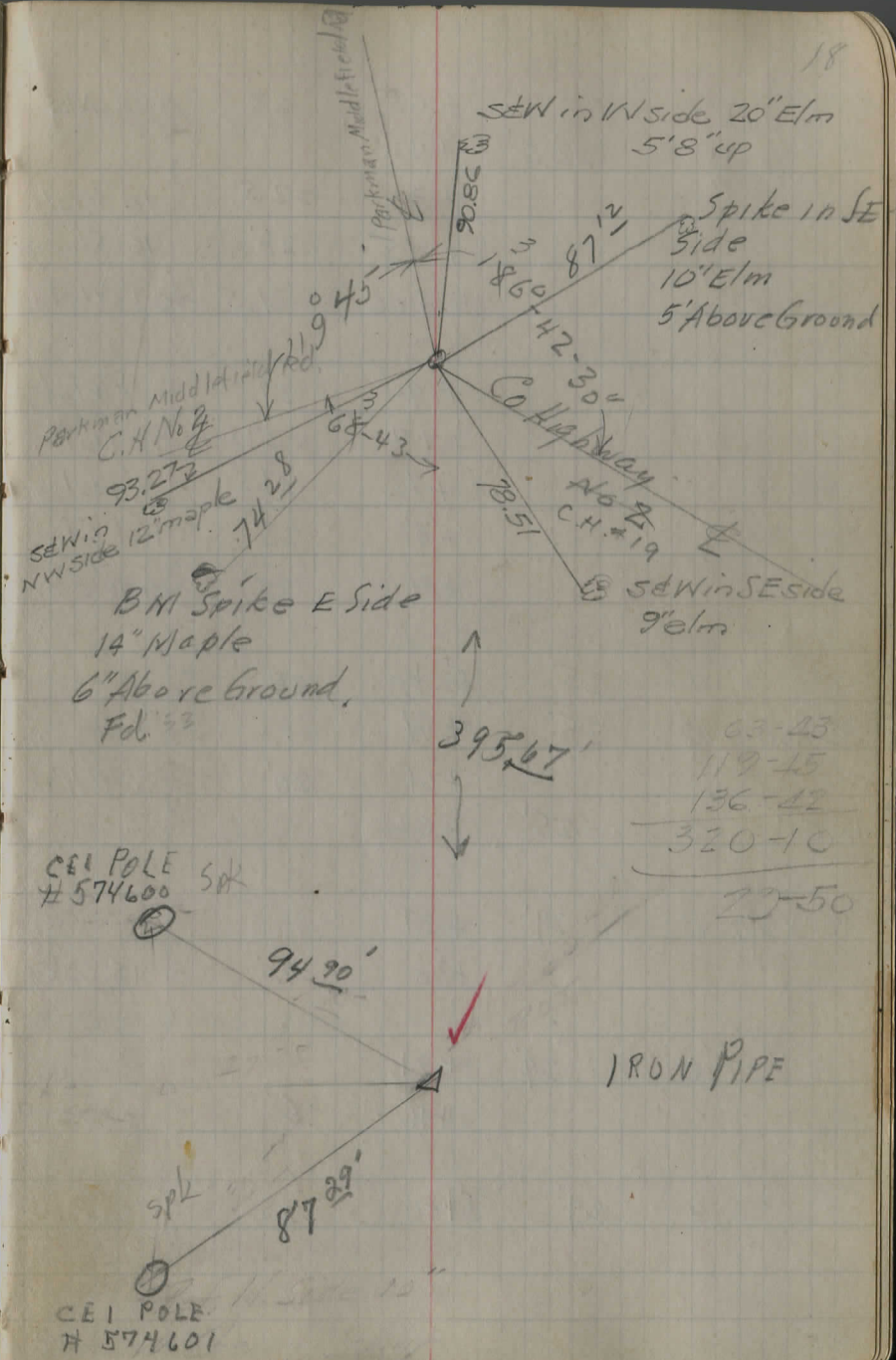
228+65 Rd to East.



4.646 miles Total
3.673 Parkman
.973 Middlefield

245+32.5 The end.

N.A.
241+60± to P.O.T.



Topo Old State Road
Sta 51 to 60 7-15-44
Pom. Hall. Maynard

10" P. Hick ✓			+65	23	18" Map. ✓			
+ fence	22.5'		+42					
			+30	22.5'	10" Wal ✓			
			+15	23'	16" Stump			
			53+06	21.5'	7" Wal ✓	20" Oak	33.5'	+53
						Pig Hick	27.6'	+52
								+48
			+94	27.5'	7" Wal	10" P. Hick	29	+30
			+78	27.5	7" Wal	8" P. Hick	26'	+28
			+72	27.5	8" Wal			+23
			+37	25'	Wal. Cl			+22
			+31	25'	10" Elm	14" Map.	30'	+13
								55+02
	← 25'		52+0	24' →		12" Map.	32'	55+0
12" Ash	25'		+97			12" Map	30'	+99
			+61	20'	36" P. Hick	26" Oak ✓	26	+85
15" Oak	25'		+52					+85
								+51
12" Map.	29'		+37			12" Map ✓	33'	+40
			+30	20'	15" Oak	12" Map ✓	30'	+40
						14" Bass ✓	24.5'	+40
12" Map	29'		+21			12" W.Ch ✓	23'	+19
			+16	25'	20" Elm	9" Map ✓	25'	+12
						7" Map ✓	25'	+10
	← 29'		51+0	23.5' →				54+08
						12" Map. ✓	23.5'	+97
								53+95

+82	28'	36" Wal ✓
+78	25'	36" Wal ✓
	22	12" Map
	25.6	12" Wal
	21.6	12" Map
	22'	9" Wal.
		9" Wal
	23' ✓	12" Map
	22 ✓	26" W+wd
	24' ✓	12" Wal dead
	23.5 ✓	15" Map

prob. end of shale w ditch — 59+0 Start of bad was ℄ E ditch — Shale in E ditch 58±75 n Wly

58 ± 20

12" Bass ✓	24.5'	+81		
Take out		+79		
Smiewski S.P.L. ±57+50		+65	24.6'	
		+47	19'	15" Map
		+43	19'	12" Map
		+40	19'	8" Map
		+37	18.5'	15" Map
		+33	19'	9" Map
8" Map	25'	+18		
		57+11	20.6'	12" Map ✓
		+90	21	6" Map ✓
20" p. Hick	26'	+79	22'	10" Map ✓
		+75		
12" Map.	29.5	+62		
18" Elm		31'	+15	
	← 19' →	56+09		

18" Conc. pipe OK +99 17.5'

Spring fed H_2O down W ditch

See page 36 for Sections

apparently adequate

±17' +39

15" Conc. pipe OK

12" Corr. does not carry much H_2O

+22 ±15'

drive

60+16

intended

actually

Bench Marks

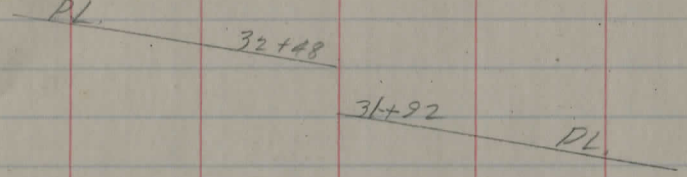
	description
BM #1	Spike SW root 30" Maple 35' Rt ℄
#2	Spike NE root 15" Maple 22' Lt ℄
#3	X in SE Cor. E Sideroad Culv. Headwall
#4	Spike E root 18" Elm 27' Lt ℄
#5	Spike S root 24" Elm 25' Rt ℄
#6	Spike W root 36" Bitter Hickory 25' Rt ℄
#7	Spike E root 30" Walnut 30' Lt ℄
#8	Spike SE root 36" Elm 35' Lt ℄
#9	Spike root large Maple 200' Lt ℄
#10	X cut SE Cor. Headwall N End 30' Rt
#11	Spike S root 18" Elm 20' Rt ℄
#12	Spike NE root 40" Elm 55' Rt ℄
#13	X cut SW Cor. Lt. Headwall
#14	Spike NE root 40" Oak 50' Lt ℄
#15	Spike E root 24" Maple 50' Lt ℄
#16	Spike NW root 15" Maple 30' Rt ℄
#17	Spike NE root 18" Maple 30' Lt ℄
#18	X cut NW Cor. Headwall 14' Lt ℄
#19	Spike SE root 28" Maple 28' Lt ℄
#20	Spike N side 15" Apple 50' Rt ℄
#21	Spike NW root 24" Elm 25' Rt ℄
#22	Spike E root 48" Elm 25' Lt ℄ 145 NW

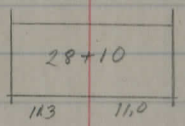
SEC A B C D E F & G

OLD STATE RD

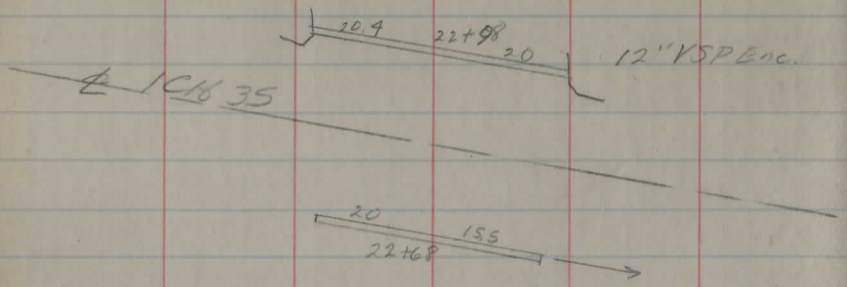
Station		Elevation	
Sta 0+05	—	907.51	
Sta 13+40	–	914.11	
Sta 27+92	–	925.96 ✓	
Sta 29+10	–	896.94	
Sta 38+60	–	943.94	
Sta 51+65	–	977.92	
Sta 67+50	–	1090.54	
Sta 88+15	–	1114.68	
Sta 108+77	–	1144.36	ck. 01
Sta 108+32	–	1139.63 ✓	
Sta 121+85	–	1130.82	
Sta 135+25	–	1157.04 –	
Sta 146+54	–	1162.76	
Sta 161+50	–	1175.67	
Sta 173+65	–	1158.67	
Sta 189+40	–	1196.06	
Sta 201+80	–	1168.59	
Sta 214+40	–	1132.88	
Sta 220+45	–	1141.75	
Sta 228+50	–	1105.56	
Sta 236+60	–	1146.99	
Sta 246+67	–	1148.29	

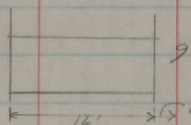
Topography



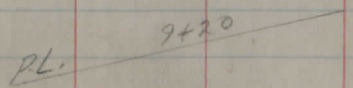


4 x 4 Stone Box

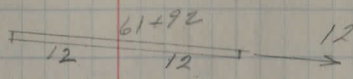


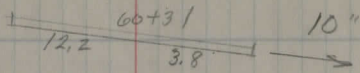


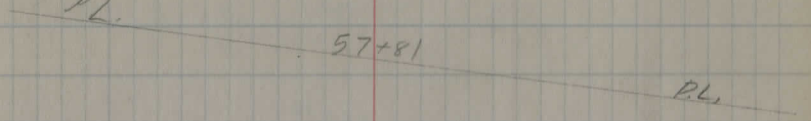
6.5' Stone Arch.

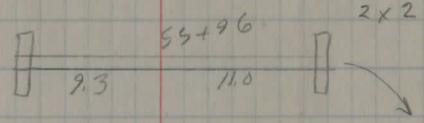


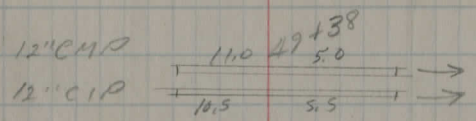
OLD STATE RD SEC A B C D E F & G

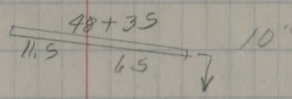


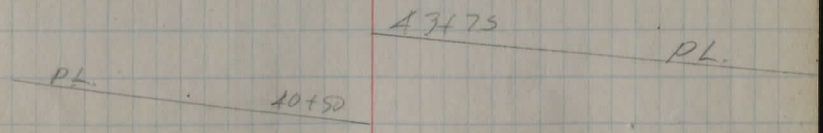


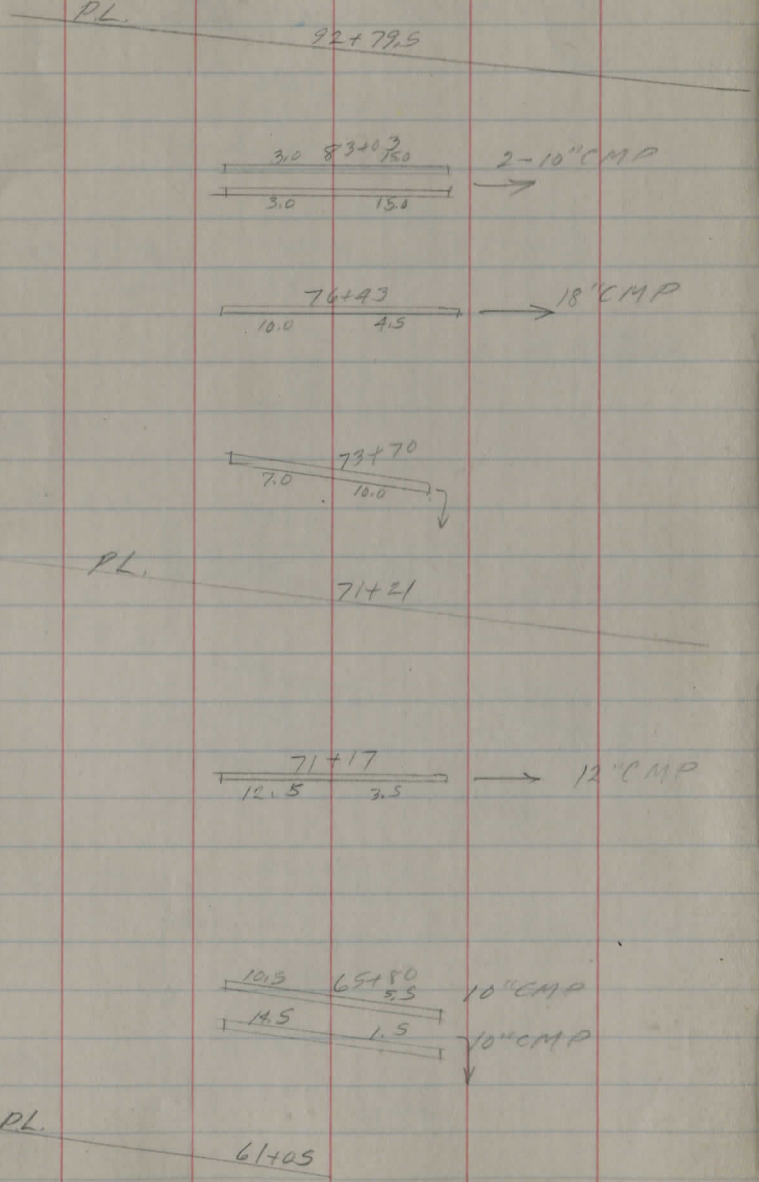


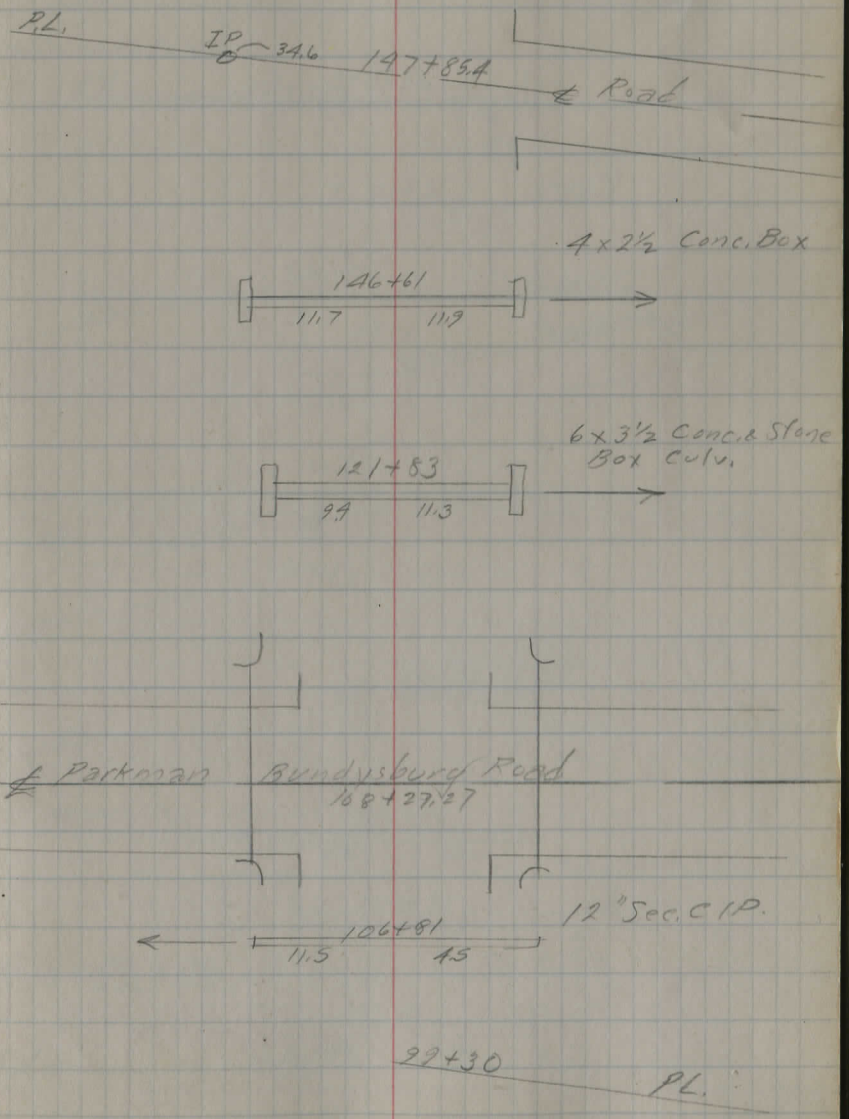


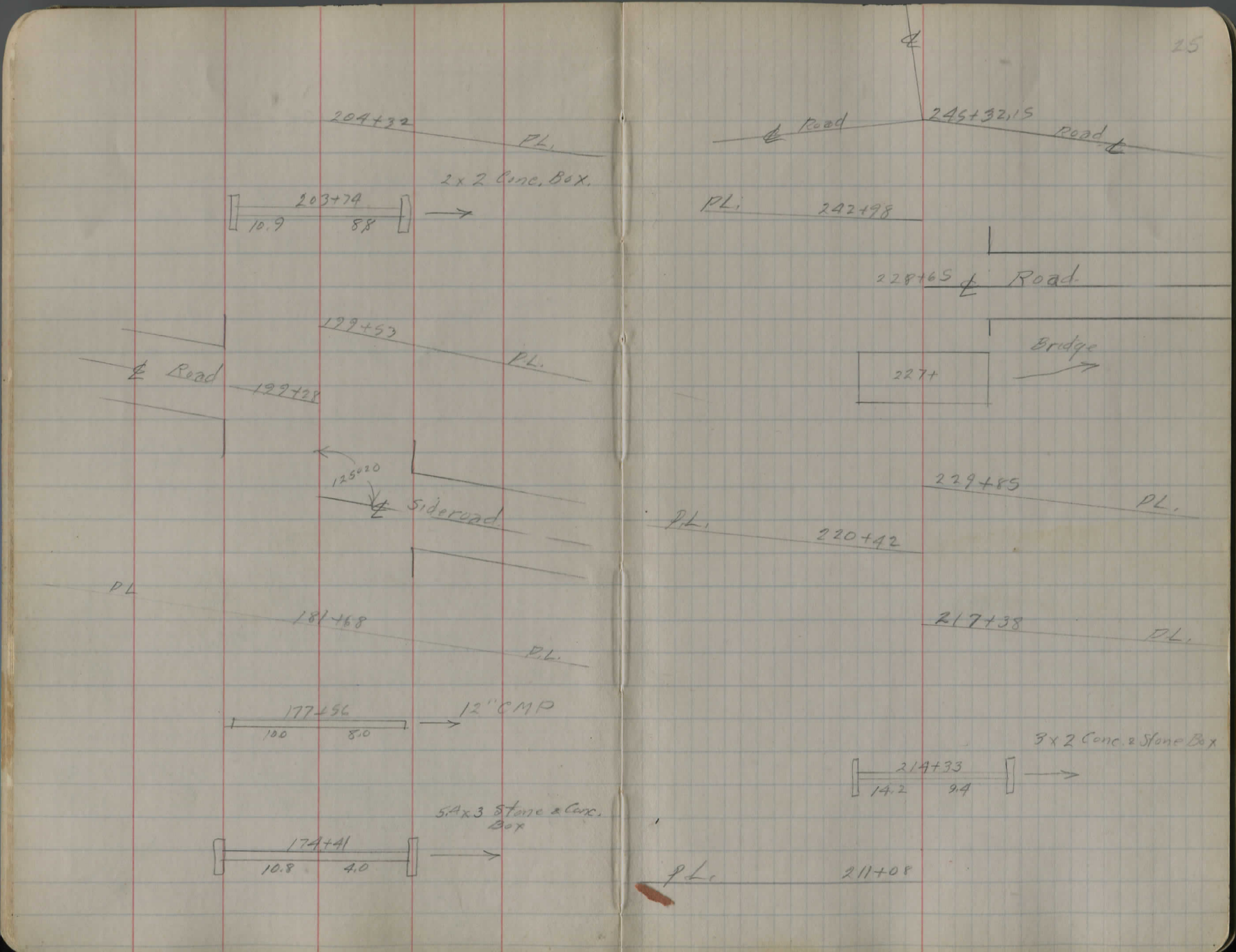







PL.
92+79.5
3.0 83+07.3 3.0
3.0 15.0
2-10" CMP
76+43
10.0 4.5
18" CMP
73+70
7.0 10.0
PL.
71+21
71+17
12.5 3.5
12" CMP
10.3 65+80 3.5
14.5 1.5
10" CMP
10" CMP
PL.
61+05


PL.
IP 34.6 147+85.4
℄ Road
4 x 2½ Conc. Box
146+61
11.7 11.9
6 x 3½ Conc. Stone Box Culv.
121+83
9.9 11.3
℄ Parkman
Bundysburg Road
108+27.27
12" Sec. CIP.
106+81
11.5 4.5
99+30
PL.


204+32
P.L.
2 x 2 Conc. Box.
203+74
10.9
8.8
129+53
P.L.
℄ Road
129+28
125°20'
℄ Sideroad
P.L.
181+68
P.L.
177+56
12" CMP
10.0
8.0
5.4 x 3 Stone & Conc. Box
174+41
10.8
4.0
℄
℄ Road
245+32.5
Road ℄
P.L.
242+98
228+65 ℄ Road
Bridge
227+
229+85
P.L.
P.L.
220+42
217+38
P.L.
3 x 2 Conc. & Stone Box
214+33
14.2
9.4
P.L.
211+08

Culvert Data
Completed Project

Sta 4+39 New 15"x37' Conc. pipe culvert
Sta 9+30 Stone arch extended to 14' on Right with 6' Cor. M.P.
Sta 22+63 12"x36' C.M.P. Culvert
Sta 28+10 4x4x22.6 Stone Box No work
Sta 49+38 Twin 12"x36' CMP Culvert
Sta 56+06 18"x37' Conc. pipe skew.
Sta 60+32 15"x36.6 Conc. pipe skew
Sta 71+16 12"x36' C.M. Pipe skew
Sta 76+61 15"x36' Conc. pipe
Sta 83+03 18"x37' Conc. pipe
Sta 106+81 12"x36' C.M. Pipe
Sta 121+83 Box Culvert No work
Sta 146+61 Box culvert No work
Sta 147+85 15"x36.5 Conc. pipe sideroad culvert on Right ↓
Sta 174+41 Stone Box Culvert extended 10' Rt with Conc.
Sta 177+57 15"x37' Conc. pipe
Sta 193+92 12"x33.5' C.M.P. sideroad culvert on Rt ↑
Sta 199+28 15"x37.2' Conc. pipe sideroad culvert on Lt ↑ old C.I.P. used

OLD STATE RD
SEC. ABCDEF & G

Sta 203+74	Conc. Box extended 5½' Rt.
Sta 214+33	Stone Box extended 6' Rt. with concrete
Sta 227+84	Plank bridge No work
Sta 228+65	15" x 36½' Conc. pipe sideroad culvert on Rt ↓

8-11-38 Graber Richards Pict Clause

OLD STATE ROAD
MIDDLEFIELD
Stakes set every 50' on 25' offset right

232+56.44 = P.O.T.

229+0

228+50

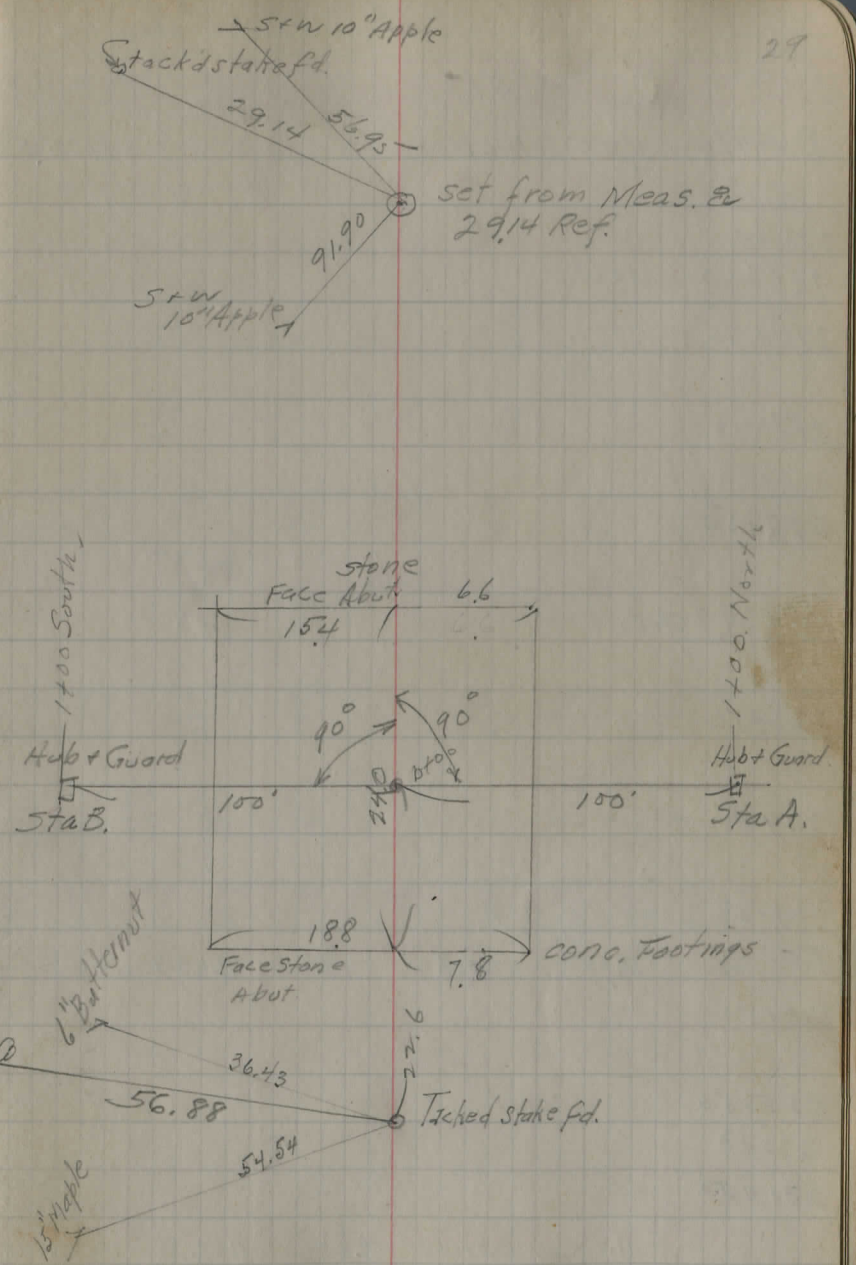
228+34.3 = Pt on center bridge

S & W E side
10" Elm →

227+54.61 P.t.

227+50 on tang.
227+0 on tang.

226+50 on tang.



8-11-38

	+	H.I.	−	Ele.	
BM #20	5.55	1116.11			1105.56
226+50					
226+60 = end cut.					
226+75					
227+0					
227+50					
228+34.3 Ctr Br.					
228+50					
229+0					
229+50					
TP	13.05	1124.08	0.08	1111.03	
226+50					
225+50					
230+0					
230+50					
	11.12	1136.98	0.82	1123.86	
224+50					
232+35					

S.W. Lt

NE Rt

30

on 16" Apple 60' Rt. 228+50

℄

1.3/25 .05/1.8 0.0 .9/6 1.6/11 2.5/25 6.4/50

2.5/25 2.0/14 1.5 2.0/7 4.3/13 5.3/25 7.1/50

Flat 11.1/25 FL 7.2/20 = Top Rip Rap 4.1/14 3.7/9.0 3.5 3.8/8 8.0/19 8.2/25 8.5/50

1106.8

12.5/10 FL 4.3 12.9/10 = Fl. L

7.5/60 7.4/50 7.2/26 8.4/19 4.1/8 4.7 4.4/5.0 9.8/10 12.7 Fl./25 10.5/50

5.8/50 3.9/25 4.5/22 6.3/20 4.5/16 4.3/10 4.0 4.5/11 5.3/18 8.2/25 8.4/50

2.4/25 2.6/22 4.4/18 3.4/16 3.1/10 3.9 3.7/10 3.7/18 5.8/20 3.1/22 3.1/25

1½ to 1 upL 12.9/27 11.4/24 10.6 10.7/5 12.5/9 12.4/11 10.2/14

1.1

1.3.0

4.7

0.0

5.1

0.0

8-24-38

	+	H.I.	−	Elev.	B.M.
B.M. # 20	5.99	1111.55			1105.56
T.P. Hub 1+00			7.60	1103.95	
1+00	4.71	1108.66	4.71		
	4.80	1108.75		1103.95	
	4.36	1109.23	3.88	1104.87	
0+00					
1+50	4.00	1107.95	1+50		
B.M. # 20	1.98	1107.54			1105.56
2+50					
3+00					
			5.91		
				1101.63	
	4.10				
4+00		1105.73			
	5.99	1111.55			1105.56
	1.74	1107.30			1105.56
	5.73	1105.61	7.42	1099.88	

Graber
Richards
Clouse

Lt — Rt

on apple

4.2/40 4.9/16 5.1/0 5.6/20 6.9/41 cr. 2.5/55

2.7/50 3.7/45 6.1/35 (cr. ¢) app./27 (app. prob.) 4.3/21 5.1/0 5.6/7 4.5/11 2.2/24 garden

3.6/40 3.8/30 5.2/0 5.6/15 6.3/20 5.6/33 5.6/4.5 7.4/50 4.3/55 (ex. pipe dr.)

4.5/50 5.4/45 6.3/39 8.3/29 7.1/21 6.3/00 6.3/10 5.1/25 4.6/50

4.8/60 7.7/44 8.7/34 8.4/27 5.1/17 5.1/00 5.9/12 5.5/35 4.7/50

4.4/70 6.7/58 8.1/53 6.3/38 4.7/28 5.4/14 5.9/19 5.3/24 5.6/4.0 5.2/50

12.3 W. Level. Water 1.3 deep.

5.73 top. footing West
7.80 Bedrock N W Cor.
8.53 " SW "
6.43 " SE "
6.45 " NE

31

5.1 Stat	+ .700	H.I.	Hor. Ang.	Interval	−	Ele.	
		1107.56				1105.56	B.S. toward Sta B.
			57°-26'	9.01 8.52	8.8		= B.M
			70-30	4.52 3.78	4.1		creek Fl
			60°-0	7.70 7.41	7.6		
			60°	15	5.2		
			256°-30'	6.25 5.68	6.0		
			256°	5.18 3.60	4.4		Foot bank 20' high.
			293°	3.10 1.81	2.4		" " " "
				10.49 9.62	10.1		Creek Fl Fence 20' W. bank 3' above Cr. 47 p up
					3.53	1104.03	
T.P. Sta C							BS toward "B"
5.1	2.01	1106.04					
			124°	8.46 7.99	8.3		creek Fl. Fence + West bank is 40'±W
					5.8		bank 10' E. above reading Channel approx 25' wide
			152°	9.90 9.06	9.5		
			156°58'	10.72 9.45	10.1		creek. 40' Channel 15' E + 25' W of reading
	V=0-10'		170°	11.90 8.99	10.0 mm.		"
	V=0-17'		192°	12.20 8.00	10.1 mm.		"
			185°	8.32 7.62	8.0		in old channel 10' wide
			199-45'	11.20 9.28	10.2		" "
			333-35'	5.56 4.92	5.2		beg of old Channel

1+0	to Cr.	35'
1+50		49'
2+0		53'
3+0		41'
4+0		95'

(lost 5.0) Sta B. + 1.70	HI	Hor.	Int or dist	−	1106.8	ctr of Bridge B.S. to Sta "A" Zero L
	1108.5					
0+25		0-0		8.6		
		112°30'	40	6.6		creek
			50	1.9		same 40' East.
	√2°40'	211°	120'	7.6 m.w.		15 W of ℄ Cr.

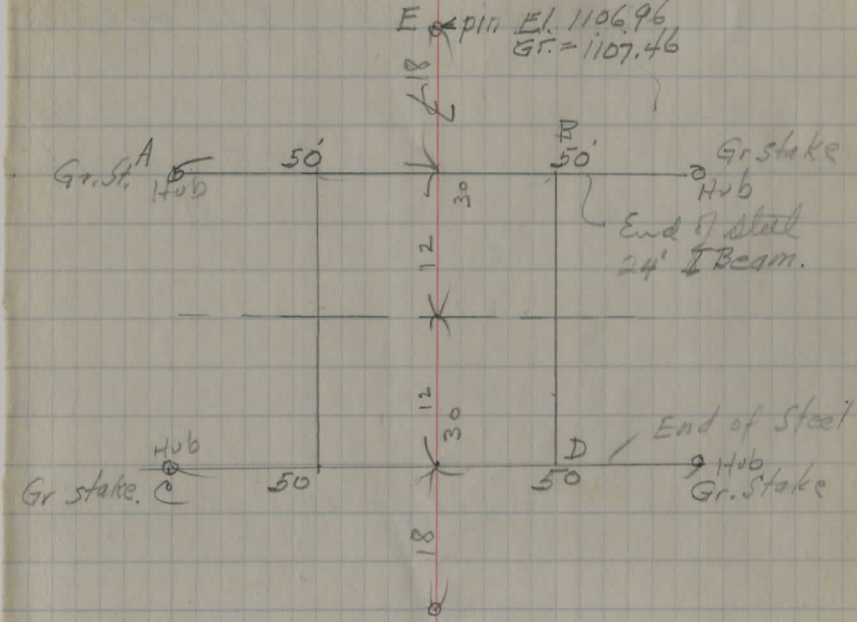
W. footing 16' long. Top step 1.3' high
{ bot " .6 high
{ ext to bed rock

+50 creek 50' E
1+00 (Sta B) " 38' E
1+44 = " 0.0
—

9-28-38 Graber
Richards Road

+	H.I.		Gr.	
5.98	1111.54			1105.56
		4.58	F 0.50	1106.96
			1107.46	
B =		9.58	F 5.5	
D		8.08	F 4.0	
C		8.08	F 4.0	
A.		7.08	F 3.0	

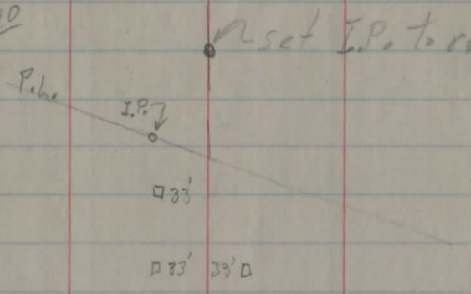
Grades to Bridge Floor



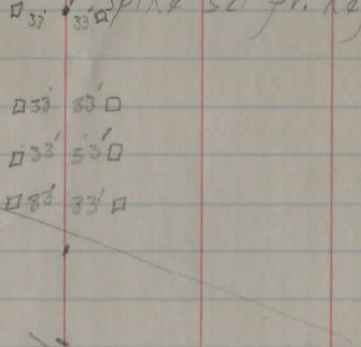
9.28 9.58
4.08 4.08 8.08 7.98 7.08
5.3 5.5 4.08 4.08 4.0
3

Marg. Stakes for Schultz
on old State Rd. Parkman

Sta. 94+11.40



Sta 67+94.55 Δ 0°53' Rt.



59+67.75

Old State Rd.

SECTIONS OLD STATE

Sec. B (Ft)

BM # 7	0.12	1090.66		1090.54
T.P.	0.30	1081.21	9.75	1080.91
T.P.	0.77	1070.51	11.47	1069.74
T.P.	5.24	1063.07	12.68	1057.83 Stk 61+60
± ℄ 62+0			1.2	1061.9
T.P.	2.90	1060.73		1057.83
± ℄ 61+0			5.0	1055.7
F.L. outlet			12.2	1048.5
" inlet			11.1	1049.6
60+50 ℄			7.8	1052.9
T.P.	1.26	1050.77	11.22	1049.51
60+0			1.90	1048.9
59+50			6.70	1044.1
59+0				1038.0
T.P.	0.13	1037.64	13.26	1037.51
58+0				1024.7
T.P.	0.55	1025.25	12.94	1024.70
57+50				1019.2
57+0				1015.0

± 1944

22.25 10.3

W (Lt) ℄ E (Rt)

5.1	4.8	12.9	12.7	12.8	13.5	15.7		11.0	11.2		
40	30	15	11		13.5	15-17		22.5	30		
				?			Switched ?				
11.4	11.7	17.6	14.3	13.6	13.3	12.9	13.2	14.2	6.8	7.3	8.6
30	26	17	16	11.6	6		14	16	26.5	30	40
40		19									
5.0	2.0	1.6	7.1	6.6	6.3	6.1	6.8	10.3	5.3	4.3	
40	30	25	16.5	16	12.6		8.5	13.6	19.5	30	
								17.6			
11.3	9.3	11.2	12.0	11.1	10.4	10.3	11.1	13.6	12.3	10.6	
40	30	18	16.5	15	10.5		9	12.5	17	30	
								14.5			

1025.25

T.P.	5.06	1018.03	12.28	1012.97
56+50				1012.2
56+0				1011.3
55+0				1013.7
B.M. Set			1.52	1016.51
T.P.	6.50	1018.80	5.73	1012.30
54+50				1014.7
54+0				1013.4
T.P.	0.78	1013.08		1012.30
53+0				1005.8
T.P.	0.52	1002.80	10.80	1002.28
			5.55	997.25
52+0				998.1
51+0				989.8
T.P.	0.15	989.91	13.04	989.76
50				981.7
49				977.4

W E E

1005.7

5.8

10.7 FL

12.3 FL

5.0 8.6 8.9 7.4 6.7 7.8 10.3 12.4 11.5 12.1 13.0
40 30 19.5 12 12 17.6 19.5 20.5 30 40

+1.0 +0.1 0.9 5.3 4.9 4.3 5.5 6.2 4.2 6.0 6.7
40 30 21.5 15 13.5 13.5 16.5 20 30 40

Spike E root 24" Oak Sta. 55+53 33' Lt.

+0.4 0.0 0.4 4.6 4.1 4.9 2.4 3.2 4.4
40 30 20.5 13 15.5 21 30 40

0.4 0.5 0.9 6.0 5.4 6.9 3.8 4.6 6.0
40 30 20.5 13.5 15.5 21 30 40

3.0 3.3 3.6 8.2 7.6 7.3 8.4 9.3 6.5 7.0 8.4
38 30 20.5 14 9.5 14 16 20 30 40

± Old BM rotted out

0.9 1.6 6.0 5.3 4.7 5.7 6.2 2.9 3.2 4.4
30 22 15 12 13 14.5 20 30 40
40

13.0

8.2

12.5

	789.91			
BM Set		6.03	783.88	Spike 50+30 28' Lt 22" Elm Eroot

T.H.-126

℄ Location Middlefield Parkman Twp. Line Road Sec B.

5/6/37

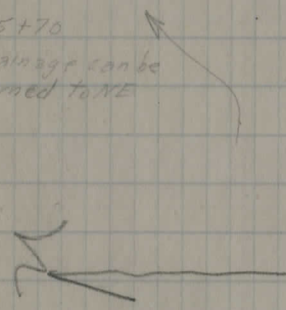
Rechey
Merkel
Strong.

8 Note: sidestakes set 25' Rt. at odd Stations as 1, 3, 5, 7, 9, 11 etc.

7

6

5+70
Drainage can be turned to NE



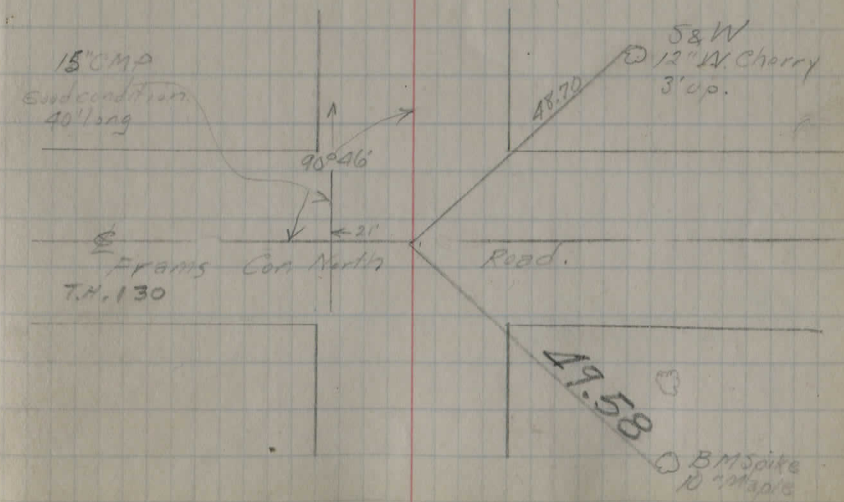
5

4

3

2

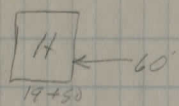
1



Sta 0+00 Beginning of Project Pipe fd.

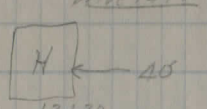
℄ Frams Cor. North
T.H. 130

20
19
18
17
16
15
14
13
12
11
10
9
8



× P.L. × 17+65

Drive 10+78



9+93

32

31

30

29

28

27

26

25

24

Sta 23+74.54 POT Pipe Set

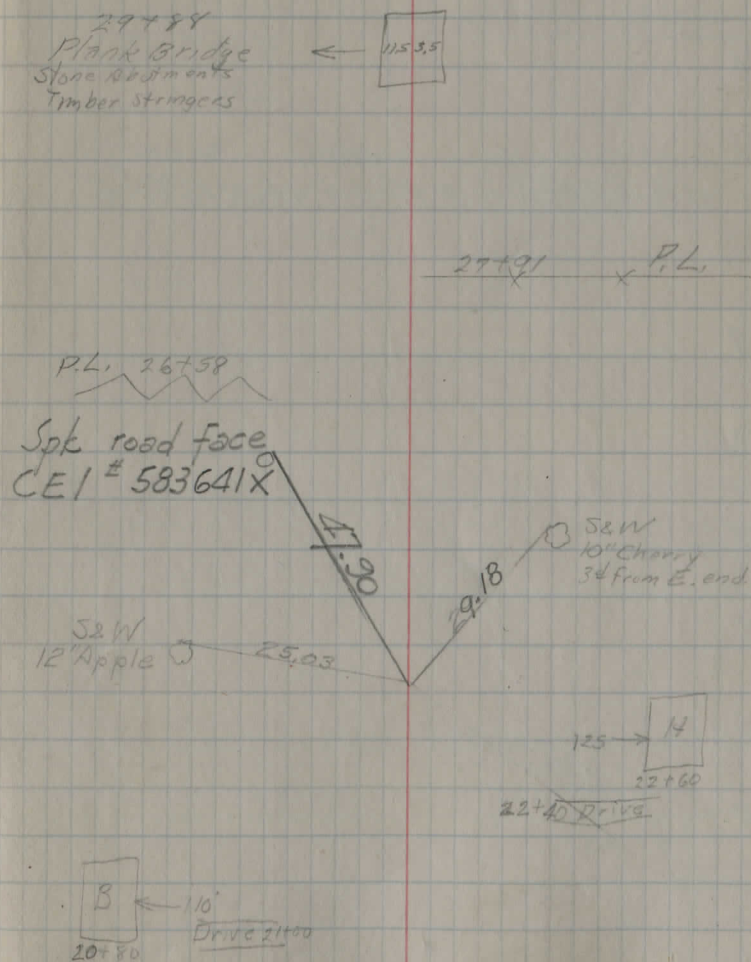
23

Fd Sept 51
5" under

22

21

20



44

43

42

41

Sta 40+82.58 PI Def. Lt 0°10' Pipe Set

40

39

38

37

36

35

34

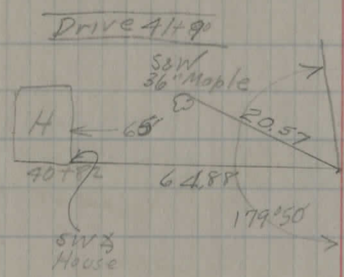
33

32

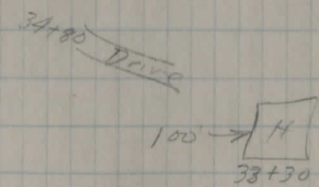
10" CMP & VSP
fair condition
relocate to 42+90

43+88
45 17 →

42+10 x P.L. x



P.L. x 35+43



56
55
54
53
52
51
50
49
48
47
46
45
44

12" VSP & CMP
fair condition ← 52+71 / 9.5 10

8 x 2 Stone Box
Culv. Conc. Slab ← 48+46 / 10 8
& Curb
Good condition

1.065 miles

528 | 56225

528

3425

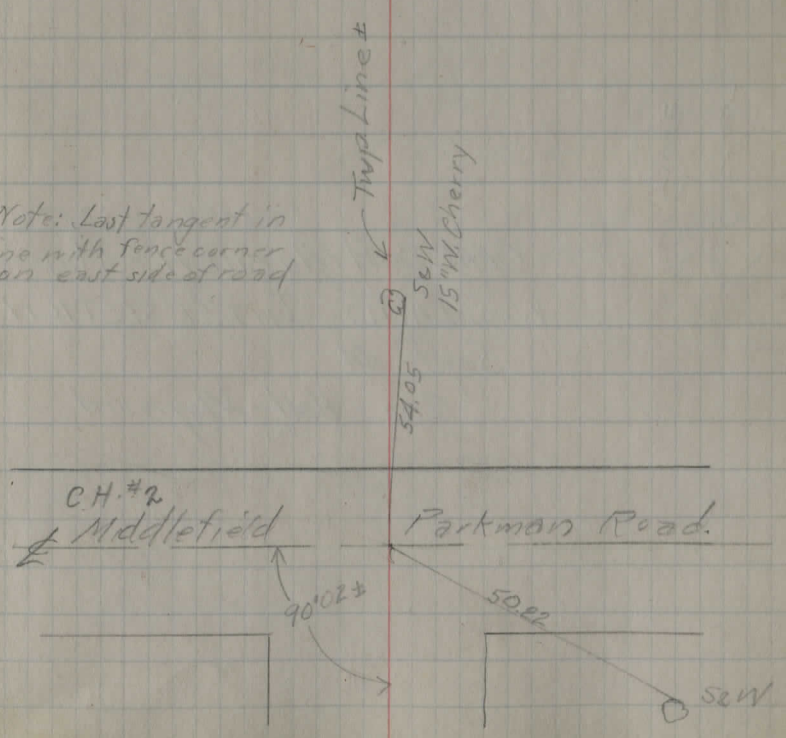
3168

2570

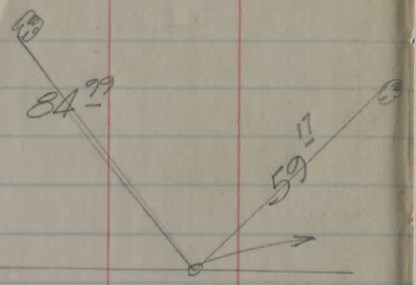
Sta 56+22.50 End of Project — Spike Set in Pvt.

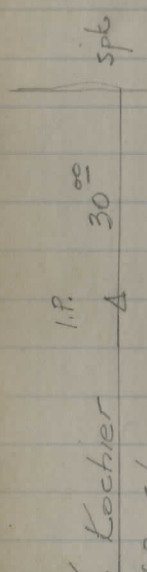
56

Note: Last tangent in line with fence corner on east side of road



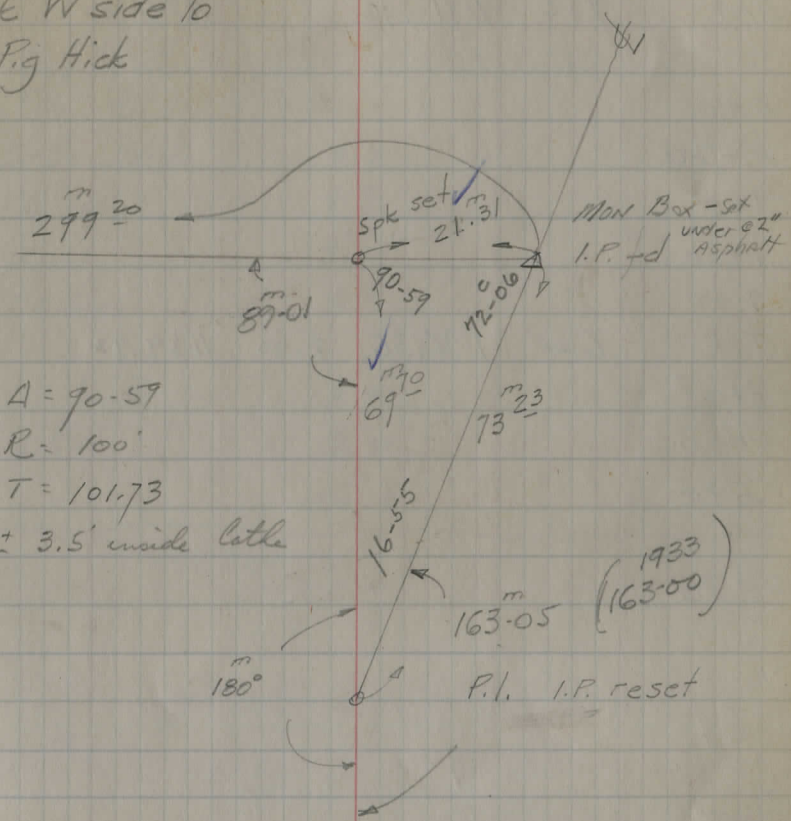
Spk SW side
14" Apple





CH#4 - CH.#16
CHARDON-AUBURN-NORTH
WOODLAND INTERSECTION
Sept 44
Pom - Hall - Maynard

Spk W side 10"
Pig Hick



℄ Chardon-Aub.

LEVELS N. WOODLAND
Werly from #4

BM.	9.52	1191.92		1184.40
0+0			10.4	
0+20				
1+0				
1+50				
2+0				
T.P.	6.44	1196.36	2.00	1189.92
3+0				
4+0				
5+0				
6+30				

= P.I. ES 10.4
± So. Bank 9.9
1.5' high 3.8
level 3.2
1.0 high 2.1

1.5 high 3.4
2.5' 8.2
16.8

10-27-44
Pom - Steeley

Slope Stakes
OLD STATE RD
SEC B (P+)

Stakes set 2' beyond slope termination
graded to finished grade

T.P.	11.62 ✓	1030.54 ✓	0.15	1018.92 ✓						
57					1020.0 ✓	+0.93 / 1.57 / F 2.50 ✓	27	30	20.0 / 19.07 ✓ / +0.93 ✓	+0.93 / 2.57 / F 3.50 ✓
BM.			2.55	1016.52	(1016.51)					
56					1016.1 ✓	7.47 / 2.97 / F 4.50 ✓	19.07 / 16.1 / 2.97 ✓	32	42	11.79 / 2.79 / F 9.00 ✓
T.P.	7.76	1019.07 ✓	6.91	1011.31 ✓						
T.P.	4.66	1018.22 ✓		1013.56 ✓						
55					1012.1 ✓	8.78 / 1.28 / C 7.50 ✓		30	23.5	20.88 / 1012.1 ✓ / 8.78 ✓ — 8.78 / 6.53 / C 2.25 ✓
+50					1010.15 ✓	10.73 / +0.02 / C 10.75 ✓	1020.88 / 10.15 ✓ / 10.73 ✓	37.5	32	10.73 / 0.98 / C 9.75 ✓
54					1008.2 ✓	12.68 / 0.43 / C 12.25 ✓		39	33	1020.88 / 08.20 / 12.68 ✓ — 12.68 / 5.43 / C 7.25 ✓
T.P.	7.32	1020.88 ✓	0.78	1013.56 ✓						
53					1004.2 ✓	10.14 / 2.39 / C 7.75 ✓	1014.34 / 04.20 / 10.14 ✓	33	28	10.14 / 6.39 / C 3.75 ✓
T.P.	10.21	1014.34 ✓	0.06	1004.13 ✓						
52+0					998.1 ✓	6.09 / 0.59 / C 5.50 ✓		29	26	1004.19 / 998.1 / 6.09 ✓ — 6.09 / 2.59 / C 3.50 ✓
T.P.	11.64	1004.19 ✓	0.17	992.55 ✓						
BM.	8.84	992.72 ✓		983.88						

58+0		1026.7	3.84 3.34 C 0.50 ✓	20	28	30.54 26.70 3.84 ✓	3.84 2.59 C 1.25 ✓	
57+50		1022.7		21.5	22			
	1030.54 ✓							

C. Pomeroy
R. Hanna
T. Thrasher
J. Randles

3-13-46
Fair-Windy

Sta	B.S.	H.I.	I.S.	Elev.	
B.M. #3	2.47	928 43'		925.96	X on SE Cor. E. Sidewalk Calv. Headwall
23+00			2.5	925.9	
22+80±			3.17	925.26	℄ Pvt.
22			3.4	925.0	41/30 42/19 45/16½ 40/14 37/11 34 43/13 49/16 42/17 40/19½ 49/20
21			3.8	924.6	
20			4.2	924.2	
19			4.3	924.1	
18			5.4	923.0	
17			8.6	919.8	
16			11.9	916.5	
T.P.	0.46	917 03	11.86	916.57	
15			2.7	914.3	
				912.9	
14			4.1		
B.M. #2			2.37	914.60	914.11
13			2.92	old	13+40 Top nail spike set in N.E. root 21" Maple 13+40-22'Lt
			5.8	911.2	

SEE FD. BK. #169 For drainage structures, etc.

PROFILE OLD STATE C.H. No 6 ABCDEFG

		917 63		
12			11.3	905.7
T.P.	1.09	906 57	11.55	905.48
11			9.7	896.3
T.P.	0.41	895 20	11.78	894.79
10			7.5	887.7
9+28			10.3	884.9
9			10.5	884.7
8			6.3	888.9
T.P.	6.04	900 13	1.11	894.09
7			2.0	898.1
6			0.3	899.8
5			4.5	895.6
4+47.5			5.8	894.3
4			5.7	894.4
3				

20.3 F.L. 4

10.42 Top Pipe

4 Culvt.

12.0° Top Pipe

20.6 F.L.

6' Conc. Pipe Rt

6' Stone Arch Lt.

10.5 F.L. 8.8

5.8

11.7 F.L.

Sta C.H.#6					Elev.
		900	✓13		
3				4.1	896.0
2				1.4	898.7
T.P.	10.44	909	✓61	0.96	899.17 ✓
1				8.0	901.6
0				6.9	902.7
B.M. #1				1.82	907.79
				2.10	old 907.51

$\frac{9.3}{30-25^{6}}$ $\frac{8.6}{20}$ $\frac{8.8}{18}$ $\frac{8.4}{9}$ $\frac{8.4}{9.5}$ $\frac{8.8}{15}$ $\frac{6.2}{19.5}$ $\frac{5.5}{30}$

→ New Ref. spike set above old B.M. 0+05 Rt.

3-13-46
P.M.

B.M. #3	2.57	928	53		925.96	X in SE Cor E. side Culv. Hdwl 22+92 At Rods #88
24				1.4	927.1	
25				6.5	922.0	
T.P.	0.15	917	08	11.60	916.93	
26				2.5	914.6	
T.P.	0.02	905	34	11.76	905.32	
27				1.3	904.0	
28				7.9	897.4	
28+93				8.0	897.3	14.6 / Conc. Flr. Fl. ; 8.56 / par ; 8.0 / Culv. ; 7.46 / par ; 14.4 / Fl. Dirt →
29				7.2	898.1	
30				2.6	902.7	
T.P	2.02	906	64	0.72	904.62	
B.M. #4				9.66	896.98 896.94	ck .04 High ; Spike fnd. - Elm cut down -
T.P.	11.76	916	38	2.02	904.62	
31				4.0	912.4	
T.P.	11.06	927	36	0.08	916.30	
32				5.4	922.0	

		927	36		
33				0.8	926.6
T.P.	11.51	938	75	0.12	927.24
34				10.5	928.2
35				7.4	931.3
36				2.9	935.8
37				0.8	938.0
T.P.	11.91	950	46	0.20	938.55
38				10.3	940.2
39				7.6	942.9
40				5.0	945.5
41				2.5	948.0
42				−0.1	950.6
T.P.	11.18	961	28	0.36	950.10
43				8.2	953.1
44				5.9	955.4

$\frac{2.0}{30}$ $\frac{1.4}{23}$ $\frac{1.1}{18}$ $\frac{3.0}{16}$ $\frac{1.4}{13\frac{1}{2}}$ $\frac{1.1}{9}$ $\frac{0.8}{}$ $\frac{1.6}{11}$ $\frac{2.3}{15}$ $\frac{1.7}{19\frac{1}{2}}$ $\frac{2.5}{20}$

		961	28		
45				3.0	958.3
T.P.	11.66	972	72	0.22	961.06
46				10.1	962.6
47				4.6	968.1
TP	11.26	983	67	0.91	972.41
48				10.5	973.2
49				6.4	977.3
T36				5.1	978.6
50				2.0	981.7
T.P.	11.80	995	23	0.24	983.43
51				5.5	989.7
T.P.	11.80	1006	65	0.38	994.85
B.M.#6				8.74 8.73	997.92
52				8.6	998.0
53				2.7	1004.0
T.P.	11.84	1018	37	0.12	1016.53
54				10.8	1007.6

7.2 Fl. 5.2 5.1 7.5 8.6 Fl.

		1018	37		
55				6.9	1011.5
56				2.7	1015.7
56+06⁵				2.4	1016.0
B.M.				1.87	1016.40 / 1016.51
S.P.	8.92	1025	43		1016.51
57.				4.7	1020.7
T.P.	10.77	1036	09	0.11	1025.32
58				8.0	1026.1
T.P.	11.36	1047	21	0.24	1035.85
59				9.0	1038.2
T.P.	11.61	1058	82	0.00	1047.21
60				10.0	1048.8
+30³				7.4	1051.4
61				3.2	1055.6
T.P.	10.53	1069	03	0.32	1058.50
62				7.2	1061.8
63				1.0	1068.0
T.P.	11.87	1080	74	0.16	1068.87

C. Pomeroy
G.R. Hanna
T. Thrasher
J. [illegible]

Fair - warm
3-14-46

10.2/F.L. 8.6/Pipe 4.7/19.5 3.6/16 2.8/12 2.4 4.1/16 5.6/22 7.8/28 11.8/Pipe 13.3/F.L.

(ck. all)
Spike in E. root 15" oak

9.3/F.L. 7.6/Pipe 7.4 8.8/Far 10.3/F.L.

		1080.74			
64				7.5	1073.2
65				3.0	1077.7
T.P.	11.65	1092	10	0.29	1080.45
66				10.4	1081.1
67				6.8	1085.3
B.M. 7				1.62	1090.48 / 1090.74
68				2.3	1089.8
69				1.1	1091.0
70				0.6	1091.5
71				1.6	1090.5
T.P.	7.04	1096	35	2.75	1089.31
+16E				5.7	1090.4
72				5.4	1091.0
73				4.6	1091.8
74				3.6	1092.8

Spike in E. root 30" Walnut 30' Lt. 67+50

8.2 / F.L. TP / Pipe — Cul. 7.3 / Pipe — 9.0 / F.L.

1089.8 6.6 / Ditch

1090.5 5.9 / ditch

1091.2 5.2 / Ditch

		1096	35		
75				2.2	1094.2
76				1.8	1094.6
+61				1.7	1094.7
T.P.	10.07	1102	83	3.59	1092.76
77				7.5	1095.3
78				4.3	1098.5
79				1.9	1100.9
80				1.9	1100.9
81				4.1	1098.7
82				6.2	1096.6
83	Noon			6.9	1095.9
+03					
T.P.	11.39	1105	69	8.53	1094.30
84				8.5	1097.2
85				6.4	1099.3
86				3.7	1102.0

1092.5 3.9 Ditch

4.7 F.L. 2.9 Pipe 1.7 Pipe 3.6 Pipe 4.9 F.L.

9.8 F.L. 7.6 Pipe 8.9 Pipe 10.3 F.L.

		1105	69		
87				0.1	1105.6
T.P.	11.19	1116	70	0.18	1105.51
88				7.5	1109.2
B.M.#8a.				0.76	1115.94
89				3.8	1112.9
90				1.0	1115.7
T.P.	11.80	1128	41	0.09	1116.67
91				9.9	1118.5
92				5.8	1123.1
T.P.	10.04	1137	29	1.16	1127.25
93				8.7	1128.9
94				4.2	1133.1
95				4.4	1132.9
96				4.1	1133.2
97				2.7	1134.6
98				0.2	1137.1
T.P.	9.69	1146	54	0.44	1136.85

B.M.#8 is Gone-
Spike set in E. root 14" Butternut 88+90-25 Lt.

$\frac{5.8}{30}$ $\frac{5.7}{15}$ $\frac{4.7}{12}$ $\frac{4.1}{C}$ 4 $\frac{4.1}{7}$ $\frac{4.9}{14}$ $\frac{5.5}{16.5}$ $\frac{4.8}{18.5}$ $\frac{5.7}{30}$

		1146	54 ✓		
99				7.0	1139.5
100				3.5	1143.0
101				2.3	1144.2
102				3.4	1143.1
103				5.3	1141.2
104				7.7	1138.8
T.P.	2.91	1140	81 ✓	8.64	1137.80
105				3.2	1137.6
106				5.5	1135.5
+81				6.0	1134.8
107				5.8	1135.0
108				2.9	1137.9
T.P.	9.55	1149	16 ✓	1.20	1139.61
B.M. #10				9.53	1139.63
109				8.0	1141.2

8.6 7.3 6.0 — 7.3 — 8.3
F.L. F.L.

(1139.63)
X Cut S.E. Cor Hdwl N. end 30' Rt.

		1149	16 ✓		
110				5.0	1144.2
111				1.8	1147.4
T.P.	10.63	1159	48 ✓	0.31	1148.85
112				9.5	1150.0
113				6.9	1152.6
114				7.0	1154.5
115				3.8	1155.7
116				3.6	1155.1
117				5.8	1153.7
118			✓	9.1	1150.4
T.P.	1.85	1151	04	10.29	1149.19
119			✓	5.4	1145.6
T.P.	0.65	1140	51	11.18	1139.86
120				2.9	1137.6
121		✓		9.1	1131.4
T.P.	3.24	1134	20	9.44	1130.96

			1134 20		
B.M. #11 ✓				3.34	1130.86 1130.82
121+83 I					
				4.1	
122				4.2	30.0
123				3.1	31.1
124				0.5	33.7
T.P.	9.01	1142	55	0.66	1133.54
125				3.2	39.3
T.P.	10.98	1153	42	0.11	1142.44
126				7.7	45.7
127				2.8	50.6
128				0.9	52.5
129				0.8	52.6
130				0.8	52.6
T.P.	8.56	1161	06	0.92	1152.50
131				8.0	53.1
132				6.6	54.5

Spike in W. root 20"Elm 90' Rt. 121+85

10.5 F.L. (Hole) | 33 Par | 41 | 3.1 Par | 9.6 F.L. →

		1161.06						
133			5.3	55.8				
134			4.8	56.3				
135			4.5	56.6				
B.M. #12			3.96	1157.04 (1157.10)	Spike in N.E. root 40" Elm 55' Rt. 135+25			
S.P.	5.52	1162.56		1157.04				
136			5.5	1157.1		56.1	6.5 Ditch	6.9 Ditch
137			4.6	1158.0		57.0	5.6	6.3
138			4.4	1158.2		56.9	5.7	6.0
139			4.5	1158.1	8.9 / 280 S.W.; 6.8 / 180 S.W.; 5.5 / swamp 80		56.8 5.8	6.1
140			3.6	1159.0		57.8	4.8	4.7
141			1.9	1160.7		58.9	3.7	3.2
T.P.	5.80	1166.23	2.13	1160.43				
142			4.0	1162.2		60.6	5.6	5.6
143			3.2	1163.0		62.3	3.9	4.4
144			3.6	1162.6		61.5	4.7	5.3

9-16-46 Fair - Warm
C.F. Pomeroy
G.R. Hanna
T. Thompson R
J. Bell

		1166 23 ✓			
145			5.0	1161.2	6.1
146			4.9	1161.3	6.5
B.M. #13	✓		3.48	1162.75 / 1162.76	x Cut SW Cor Lt. Hdwl. 146+54
+60±			3.8	1162.4	7.0 F.L. Insp — 2.1 Por. culv. 2.6 Por — 6.8 F.L. →
147			4.0	1162.2	
148			3.7	1162.5	
+					
149			2.3	1163.9	side Rd to Rt. — 5.5 inlet F.L. / 5.9 outlet F.L. } side Rd. culvt.
T.P.	8.72	1173 83 ✓	1.12	1165.11	
150			7.8	1166.0	
151			5.0	1168.8	
152			1.6	1172.2	
T.P.	11.80	1185 63 ✓	0.00	1173.83	
153			10.3	1175.3	
154			7.3	1178.3	
155			4.0	1181.6	
156			0.8	1184.8	
T.P.	11.43	1197 06 ✓	0.00	1185.63	

		1197.06 ✓			
157				8.8	1188.3
158				5.4	91.7
159				2.4	94.7
160				1.5	95.6
161				1.8	95.3
T.P.	4.29	1199	21	2.14	1194.92
B.M.#14				3.65	1195.57
New #14	✓			3.57	
162				4.8	94.9
163				4.5	94.7
164				6.6	92.6
165				10.5	88.7
T.P.	1.67	1189	03 ✓	11.85	1187.36
166				3.9	85.1
167				6.0	83.0
168				7.7	81.3
169				9.6	79.4

3.4/30 2.6/18 3.6/14.2 3.0/15 2.3/9 18 2.7/9 3.0/14 3.6/16 1.9/19.5 1.3/30

Tree cut Stump dead Spike (S)

Spike set in W. root 15" Maple 22 R6 Sta. 16+95

		1189	08		
T.P	1.02	1179	07	10.98	1178.05
170				2.4	76.7
171				7.5	71.6
T.P	0.89	1168	12	11.84	1167.23
172				3.1	65.0
173	✓			8.1	60.0
B.M. #15	6.94	1165	61	9.52	1158.67 (1158.60)
174				8.0	57.6
+38.3				8.2	57.4
175				5.6	60.0
T.P	7.99	1173	60	0.00	1165.61
176				5.6	68.0
177				3.8	69.8
+54.3	Pipe			4.5	69.1
178				4.0	69.6
179				2.2	71.4
T.P	10.05	1183	65	0.00	1173.60

Spike in E root 24" Maple 50' Lt 173+65

14.6 F.L. on Rock | 8.0 Pav. | 8.0 Pav | 15.7 F.L. →

8.0 F.L. | 6.7 Pipe | 8.0 Pipe | 9.8 F.L. →

		1183	65		
180				9.3	1174.3
181				6.3	77.3
182				4.1	79.5
183				2.5	81.1
184				0.9	82.7
T.P.	11.58	1195	23	0.00	1183.65
185				10.8	84.4
186				8.4	86.8
187				5.7	89.5
188				2.7	92.5
189				0.4	94.8
T.P.	7.39	1201	92	0.61	1194.62
B.M.#16				5.86	1196.06 1196.06 Spike in W. root 15" Maple 30' Rt. 189+40
190				5.1	1196.8
191				3.9	1198.0
192	See Page 73			4.0	1197.9

℄ Location Parkman Middlefield

Old State Road Easterly

Note: sidstakes set 25' Lt. or North

8

7

6

5

4

3

2

1

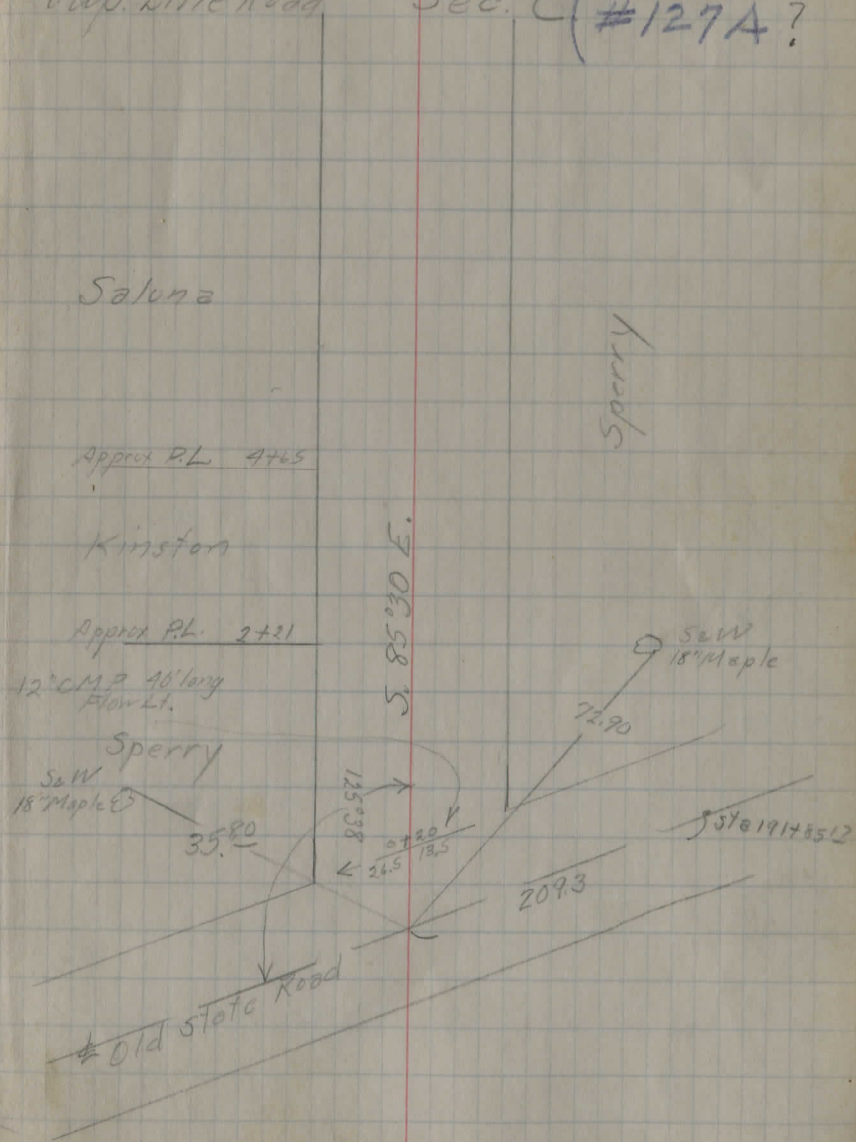
Sta 0+00 Beginning of Project Pipe Set

10/28/36

Richey
Gould
Richards

68

Twp. Line Road Sec. C (or Shedd Rd #127A?



Sta 20+83.02 POT Pipe set

20
19
18
17
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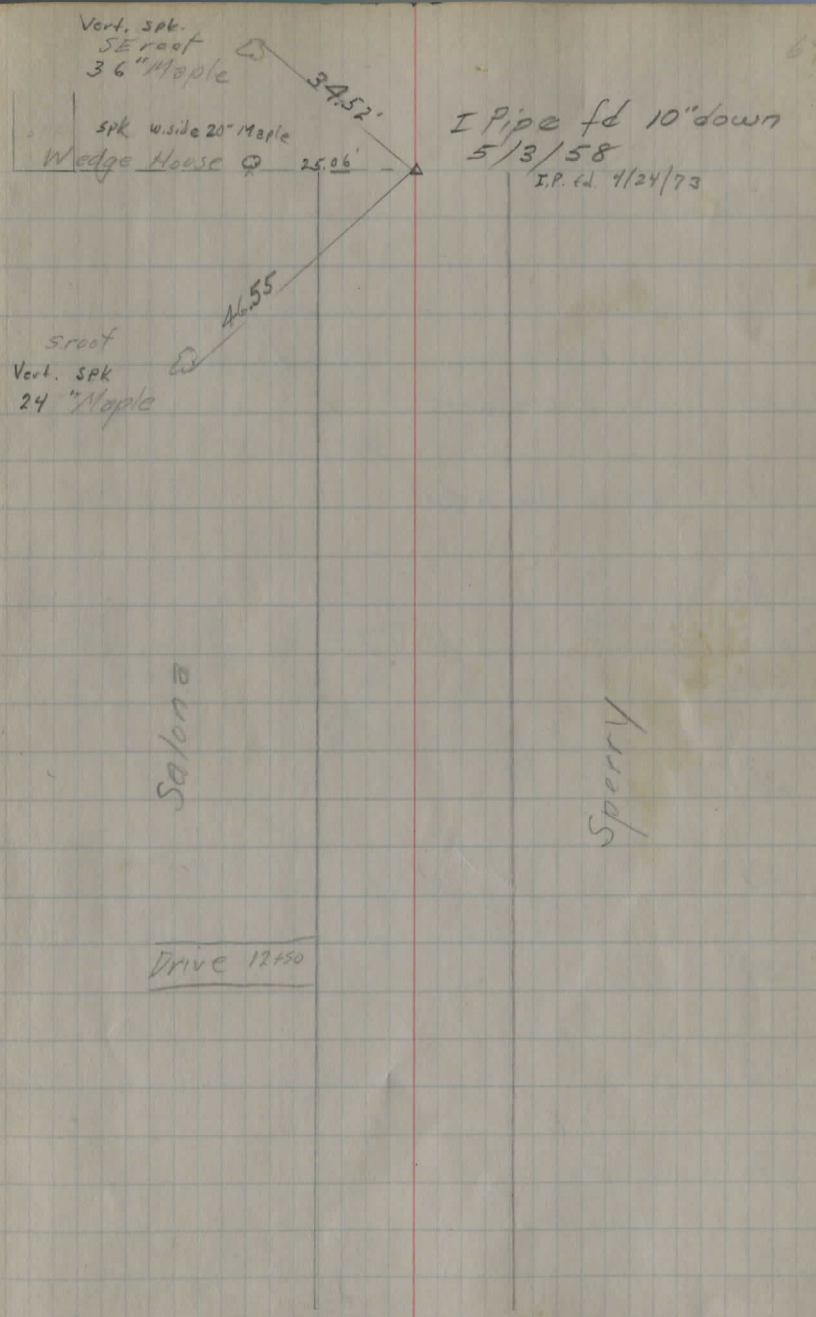
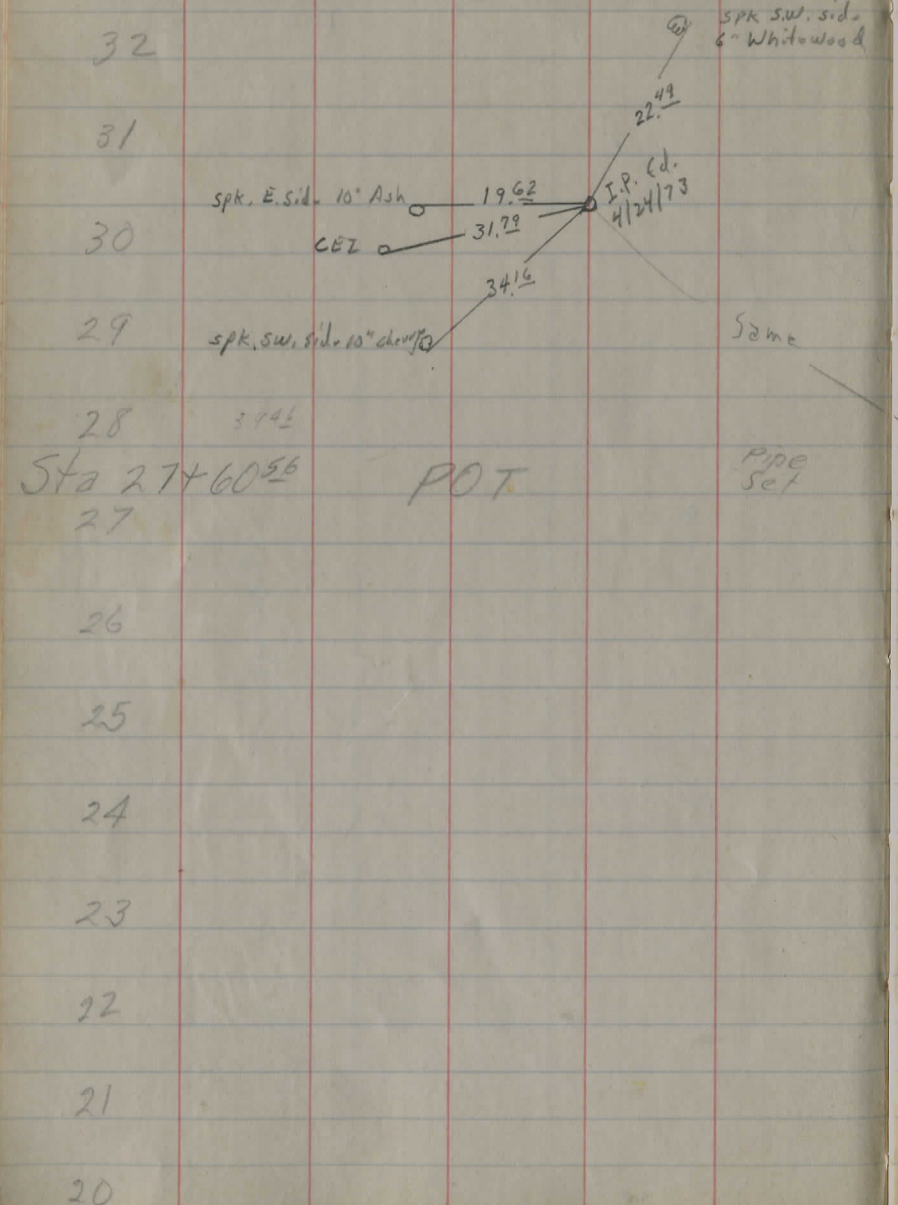
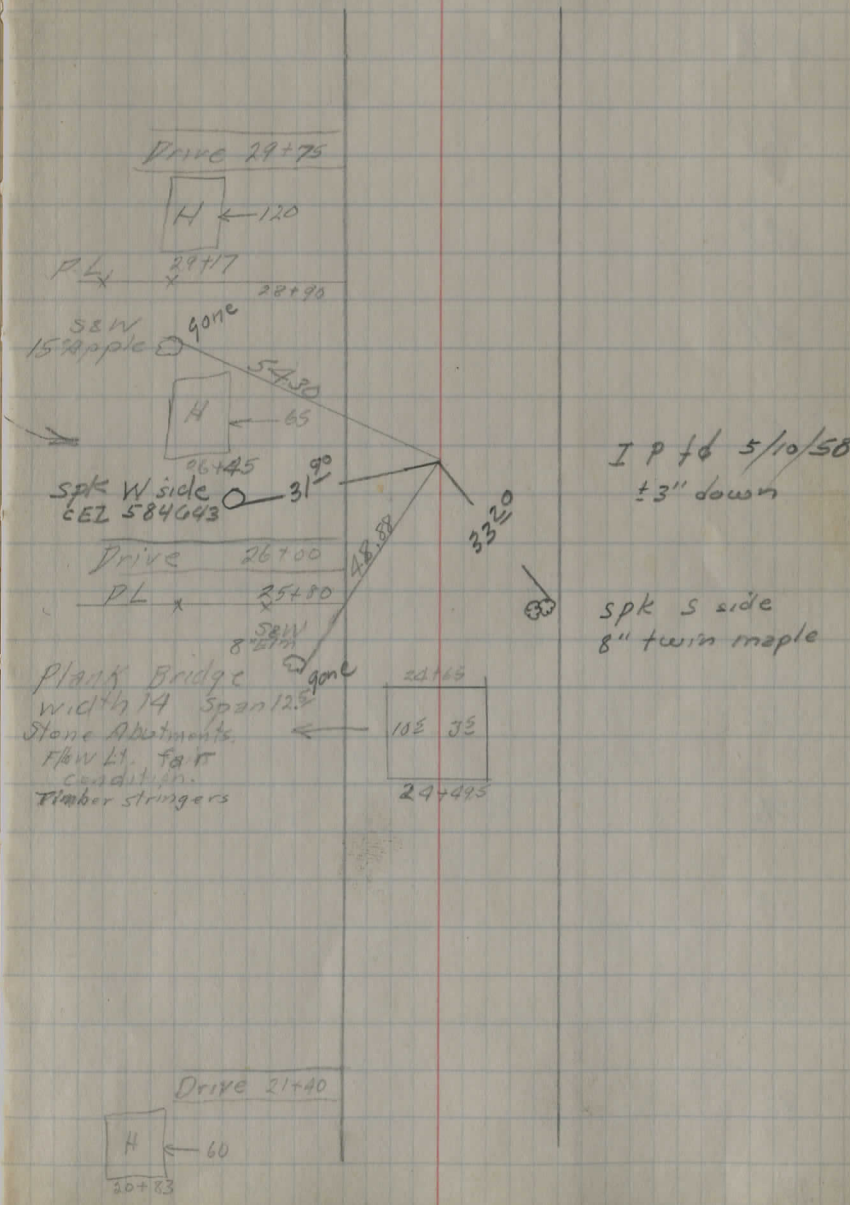
8




32
31
30
29
28
27
26
25
24
23
22
21
20
spk S.W. side 6" Whitewood
22.49
spk. E. Sid. 10" Ash
19.62
I.P. Cd. 4/24/73
CEZ
31.79
34.16
spk. SW. Sid. 10" down
Same
3+45
Sta 27+60.56
POT
Pipe Set


Drive 29+75
H
120
PL
29+17
28+90
S&W 15" Apple
gone
54.30
H
65
26+45
spk W side CEZ 584643
31.90
33.20
I P fd 5/10/58 ±3" down
Drive 26+00
PL
25+80
48.88
S&W 8"
spk S side 8" twin maple
gone
Plank Bridge width 14 Span 12.5 Stone Abutments, F&W Lt. fair condition. Timber stringers
20+45
10E
3E
24+45
Drive 21+40
H
60
20+83

44
43
42
41
40
39
38
37
36
35
34
33
32

18" CMP
Good condition
30° skew 20' long
Flow Lt

43+85
45 155

38+20 Approx. Lot line

8" CMP
16' long
Poor condition

37+33
6 10
37+93

Lucht
PL.
Lucht

95+85 Drive
230'
14
36+30

12" VSP Skew 25°
Flow Lt 20' long
fair condition

35+69
8 7

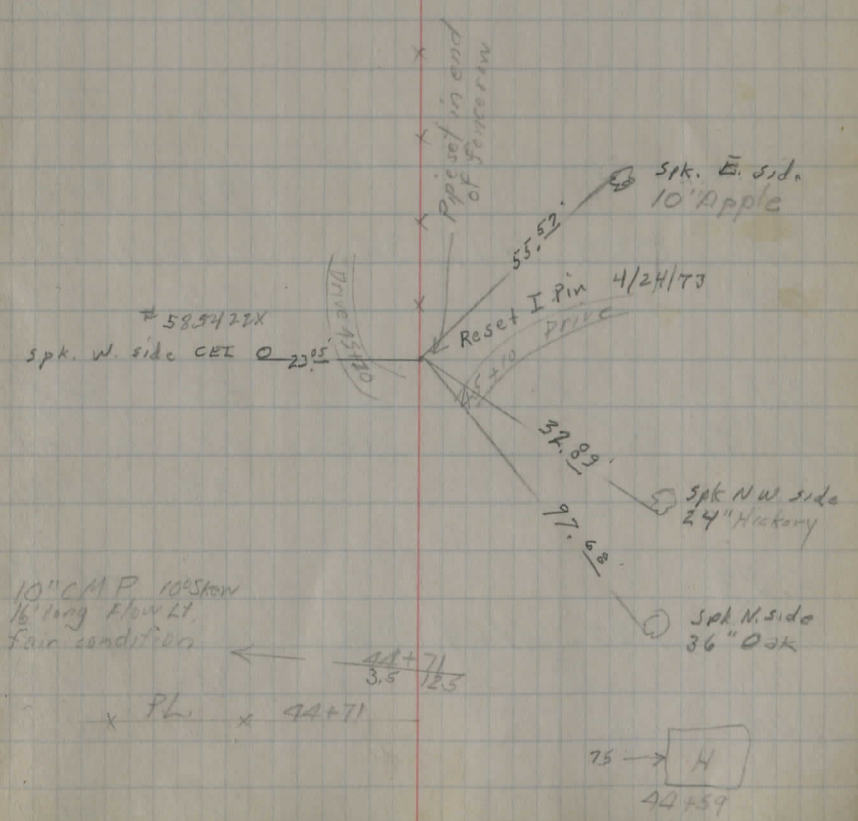
Lucht
33+96
Sperry

.857 miles
528 | 4529.45
4224
3054
2640
4140

Sta 45+29.45 End of Project Pipe Set

45

44



from Pg 67

		1201	92			
193				6.1	1195.8	
194				8.8	93.1	
T.P.	1.55	1194	22	2.25	1192.67	
195				4.5	89.7	
196				8.0	86.2	
T.P.	0.51	1184	04	10.69	1183.53	
197				1.5	82.5	
198				5.4	78.6	
199				9.4	74.6	
T.P.	0.99	1173	34	11.69	1172.35	
200				2.5	70.8	
201				5.3	68.0	
B.M. #17	✓			4.40	1168.94 1168.89	Spike N.E. root 18" Maple 30' Lt. 201+80
202				8.3	65.0	
203				10.8	62.5	
T.P.	2.22	1164	79	10.77	1162.57	
+70				3.1	61.7	culvt. 5.9/F.L. 2.2/Par 3.1/ 2.6/Par. 5.7/F.L
204				3.4	61.4	
205				5.1	59.7	

		1164	79		
206				8.0	1156.8
207				10.5	54.3
T.P.	1.82	1155	02	11.59	1153.20
208				2.8	52.2
209				4.8	50.2
210				6.7	48.3
211			✓	10.2	44.8
T.P.	0.20	1143	73	11.49	1143.53
212				4.3	39.4
213				8.3	35.4
214				10.2	33.5
				1132.37	
B.M. #18	✓			10.76	1132.88 x cut N.W. cor Hdwl 14' Lt. 214+40
S.P.	9.47	1142	35		1182.88
+32.6				9.2	33.1
215				9.3	33.0
216				7.1	35.2
217				2.9	39.4

$\frac{14.2}{F.L.}$ $\frac{8.1}{P.O.T.}$ $\frac{8.4}{P.O.T.}$ $\frac{14.2}{F.L.}$

		1142	35		
218				1.3	1141.0
219				0.5	41.8
220				2.1	40.2
221				5.5	36.8
T.P.	0.71	1136 ✓	56	6.50	1135.85
222				2.7	33.9
223				4.8	31.8
224				6.7	29.9
P.C.				9.5	27.1
T.P.	0.46	1126 ✓	25	10.77	1125.79
225				0.3	26.0
226				8.0	18.2
T.P.	0.93	1115 ✓	92	11.26	1114.99
227				6.2	09.7
+84[1]				8.2	07.7
228				8.5	07.4

Noon

T.P. Pin pipe Lt.

184 / F.L. Creek   82   191 / F.L. Creek

		1115	92 ✓			
					(1107.30)	
B.M. 21 (New)				8.55	1107.87	X in Conc. - S.W. cor. N. Abut. Bridge
229				7.4	08.5	
230				1.6	14.3	
T.P.	10.78	1126 ✓	05	0.65	1115.27	
231				2.8	23.7	
T.P.	10.99	1136 ✓	40	0.64	1125.41	
232				3.9	32.5	
T.P.	9.80	1145 ✓	86	0.34	1136.06	
233				7.8	38.1	
234				5.6	40.3	
235				3.7	42.2	
236				2.0	43.9	
237				0.2	45.7	
T.P.	8.97	1154 ✓	78	0.05	1145.81	
B.M. #21						B.M. - Gone
238				7.3	47.5	
239				5.3	49.5	
240				2.9	51.9	

		1154.78 ✓			
T.P.	4.91	1158.84 ✓	0.85	1153.93	
241			3.6	55.2	
+50			2.2	56.6	
242			2.7	56.1	
243			4.4	54.4	
244			7.5	51.3	
245			9.3	49.5	℄
+32[15] The End			8.9	49.9	245+32[15] 8.9
			8.8	50.0	I.P. +100 on Pvmt
			4.9	53.9	+200 " "
			0.4	58.4	+300 " "
B.M.# 22			10.53	1148.31 / 1148.29	Spike fnd ℄ root 48" Elm stump 25' Lt 246+67
			10.5	48.3	I.P. East 100 on ℄ side Rd } Swine Ck Rd
			9.9	48.9	" " 200 " " " "
			8.6	50.2	" " 300 " " " "
			8.3	50.5	" " 400 " " " "
			6.3	52.5	" South 100 " " " " to Parkman
T.P.	6.63	1162.58	2.89	1155.95	
			5.2	56.4	" " 200 " " " " " "
			4.7	57.9	" " 300 " " " " " "
			5.3	57.3	" " 400 " " " " " "

Old State ABCDEFG
4-22-46 Penn-Randles

1.69 909.48 907.79

0-100 Trumb. Co. (Gravel & Slag) 901.0

0-200 899.6

300 10.0 899.5
400 9.0 900.5
500 7.3 902.2

6+30

PROFILE #88

BM #3 4.43 930.39 925.96

3+40

BM. 3.1 1016.51
56+40

126+40

XX ℄ E

BM #1 (New)

9.2 8.9 8.7 9.6 9.0 8.6 8.5 8.7 8.4 5.8 5.0
30 25 20 17 14 6 edge 10 edge 18 24 30

12.4 12.4 10.6 9.9 9.9 10.2 11.0 10.8
30 20 14 7 edge 11 14 30
21

XX 10.7 higher than ℄ E

+6.4 4.9 4.6 4.3 4.9 5.6 2.5 3.2
29 14 7 10 16 21 26

28.3 28.5 XX 28.4 27.4 22.2 19.0 E 15.5 12.1
down 2.1 1.9 2.0 3.0 ℄ 8.2 11.4 ±14.9 ±18.3
400 300 200 100 100 200 300 400

8.2 8.9 11.7 11.1 10.0 10.6 11.2 10.8
27 22 17 13 15 17 30

9.3 10.0 4.4 4.1 3.9 5.1 11.4 ±13.9
33 30 14 10 14 36 39

4.0 4.1 7.2 6.7 6.1 5.7 6.0 6.6 7.5 4.2 3.0
30 19 16 14 7 7 13.5 15 21 30

BM	4.32	67.08		1162.76
Reeves Rd (gravel)				
±176+0				
BM	6.07	1202.13		1196.06
192+0				
Sperry Farm Rd (Dirt) (SHEDO)				
BM	8.78	1177.68		1168.90
T.P.	6.78	1183.74	0.72	1176.96
BM	8.77			1107.30
230±0				

W ±℄ E

62.5	62.3	64.5	63.9	61.9
4.6	4.8	2.6	3.2	5.2
±℄	100	200	300	400

0.9	2.0	7.4	6.9	6.7	6.9	7.4	2.2	
30	23	15 ditch	7		7	15	25	30

3.3	3.9	5.3	5.0	1.6	1.2	1.6	5.2	5.6	4.4	4.6
30	18.5	15	14	9		8	14	16	18	30

9.0		8.3	11.4	15.0	18.4
±℄		100	200	300	400
93.1		93.8	90.7	87.1	83.7
				76.1	73.5

Hosmer Rd (Dirt) 1.6 4.2

	81.0	78.7	77.5	100 ±℄
→	2.7	5.0	6.2	
	400	300	200	

S ±℄ N

+3.1	2.6	2.1	1.7	1.6	2.2	2.5	3.7	0.9
28	17.5	16	9		9	13	15	21

92+00 20' Rt
94+00 20 Lt

228 14 5/15 Rt

IMPROVED TABLES
AND
INFORMATION

TABLE OF INCHES REDUCED TO DECIMALS OF A FOOT.

Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.
1/16	.0052	1 5/16	.1094	2 9/16	.2135	3 13/16	.3177	5 1/16	.4219	6 5/16	.5260	7 9/16	.6302	8 13/16	.7344	10 1/16	.8385	11 5/16	.9427
1/8	.0104	3/8	.1146	5/8	.2188	7/8	.3229	1/8	4271	3/8	.5313	5/8	.6354	7/8	.7396	1/8	.8438	3/8	.9479
3/16	.0156	7/16	.1198	11/16	.2240	15/16	.3281	3/16	.4323	7/16	.5365	11/16	.6406	15/16	.7448	3/16	.8490	7/16	.9531
1/4	.0208	1/2	.1250	3/4	.2292	4—	.3333	1/4	.4375	1/2	.5417	3/4	.6458	9—	.7500	1/4	.8542	1/2	.9583
5/16	.0260	9/16	.1302	13/16	.2344	1/16	.3385	5/16	.4427	9/16	.5469	13/16	.6510	1/16	.7552	5/16	.8594	9/16	.9635
3/8	.0313	5/8	.1354	7/8	.2396	1/8	3438	3/8	.4479	5/8	.5521	7/8	.6563	1/8	.7604	3/8	.8646	5/8	.9688
7/16	.0365	11/16	.1406	15/16	.2448	3/16	.3490	7/16	.4531	11/16	.5573	15/16	.6615	3/16	.7656	7/16	.8698	11/16	.9740
1/2	.0417	3/4	.1458	3—	.2500	1/4	.3542	1/2	.4583	3/4	.5625	8—	.6667	1/4	.7708	1/2	.8750	3/4	.9792
9/16	.0469	13/16	.1510	1/16	.2552	5/16	.3594	9/16	.4635	13/16	.5677	1/16	.6719	5/16	.7760	9/16	.8802	13/16	9844
5/8	.0521	7/8	.1563	1/8	.2604	3/8	.3646	5/8	.4688	7/8	.5729	1/8	.6771	3/8	.7813	5/8	.8854	7/8	.9896
11/16	.0573	15/16	.1615	3/16	.2656	7/16	.3698	11/16	.4740	15/16	.5781	3/16	.6823	7/16	.7865	11/16	.8906	15/16	.9948
3/4	.0625	2—	.1667	1/4	.2708	1/2	.3750	3/4	4792	7—	.5833	1/4	.6875	1/2	.7917	3/4	.8958		
13/16	.0677	1/16	.1719	5/16	.2760	9/16	.3803	13/16	.4844	1/16	.5885	5/16	.6927	9/16	.7969	13/16	.9010		
7/8	.0729	1/8	.1771	3/8	.2813	5/8	.3854	7/8	.4896	1/8	.5938	3/8	.6979	5/8	.8021	7/8	.9063		
15/16	.0781	3/16	.1823	7/16	.2865	11/16	.3906	15/16	4948	3/16	.5990	7/16	.7031	11/16	.8073	15/16	.9115		
1—	.0833	1/4	.1875	1/2	.2917	3/4	.3958	6—	.5000	1/4	.6042	1/2	.7083	3/4	.8125	11—	.9167		
1/16	.0885	5/16	.1927	9/16	.2969	13/16	.4010	1/16	.5052	5/16	.6094	9/16	.7135	13/16	.8177	1/16	.9219		
1/8	.0938	3/8	.1979	5/8	.3021	7/8	.4063	1/8	.5104	3/8	.6146	5/8	.7188	7/8	.8229	1/8	.9271		
3/16	.0990	7/16	.2031	11/16	.3073	15/16	.4115	3/16	.5156	7/16	.6198	11/16	.7240	15/16	.8281	3/16	.9323		
1/4	.1042	1/2	.2083	3/4	.3125	5—	.4167	1/4	5208	1/2	.6250	3/4	.7292	10—	.8333	1/4	.9375		

B. K. ELLIOTT COMPANY, PITTSBURG, PA.

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

48' E
F279W
51. S. = Dr.
18" ... 15' long
I29-110 D...N.
Fence 229+ OC
1-57 19180
2-15 2280
4-12 16900
1964.11
1310.48
653.63
92-15
6-27
2-15
8-42
1-41
10-23
74.71
1.35
37355
22413
7471
100.8585
161.53
18-07
928.53
916.93
91708
86.77
1.35
43385
26031
86.77
117.1395
60
57
340-54-30
170-27-15
9-32-45