HOLTSBURG N & S.
CENTER ROAD.
[illegible] Book

LEVEL BOOK
743

TABLE OF INCHES REDUCED TO DECIMALS OF A FOOT.

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
1/8	.0104	2/8	.1146	5/8	.2188	7/8	.3229	1/4	.4271	3/8	.5313
3/16	.0156	3/16	.1198	11/16	.2240	1 5/16	.3281	3/8	.4323	7/16	.5365
1/4	.0208	1/4	.1250	3/4	.2292	4—	.3333	1/4	.4375	1/2	.5417
5/16	.0260	5/16	.1302	13/16	.2344	1/16	.3385	5/16	.4427	9/16	.5469
3/8	.0313	3/8	.1354	7/8	.2396	1/8	.3438	3/8	.4479	5/8	.5521
7/16	.0365	7/16	.1406	15/16	.2448	3/16	.3490	7/16	.4531	11/16	.5573
1/2	.0417	1/2	.1458	3—	.2500	1/4	.3542	1/2	.4583	3/4	.5625
9/16	.0469	9/16	.1510	1/16	.2552	5/16	.3594	9/16	.4635	13/16	.5677
5/8	.0521	5/8	.1563	1/8	.2604	3/8	.3646	5/8	.4688	7/8	.5729
11/16	.0573	11/16	.1615	3/16	.2656	7/16	.3698	11/16	.4740	15/16	.5781
3/4	.0625	2—	.1667	1/4	.2708	1/2	.3750	3/4	.4792	7—	.5833
13/16	.0677	1/16	.1719	5/16	.2760	9/16	.3803	13/16	.4844	1/16	.5885
7/8	.0729	1/8	.1771	3/8	.2813	5/8	.3854	7/8	.4896	1/8	.5938
15/16	.0781	3/16	.1823	7/16	.2865	11/16	.3906	15/16	.4948	3/16	.5990
1—	.0833	1/4	.1875	1/2	.2917	3/4	.3958	6—	.5000	1/4	.6042
1/16	.0885	5/16	.1927	9/16	.2969	13/16	.4010	1/16	.5052	5/16	.6094
1/8	.0938	3/8	.1979	5/8	.3021	7/8	.4063	1/8	.5104	3/8	.6146
3/16	.0990	7/16	.2031	11/16	.3073	15/16	.4115	3/16	.5156	7/16	.6198
1/4	.1042	1/2	.2083	3/4	.3125	5—	.4167	1/4	.5208	1/2	.6250

Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.	Ins.	Dec.
7 9/16	.6302	8 13/16	.7344	10 1/16	.8385	11 3/16	.9427				
5/8	.6354	1/4	.7396	1/8	.8438	1/4	.9479				
11/16	.6406	5/16	.7448	3/16	.8490	5/16	.9531				
3/4	.6458	9—	.7500	1/4	.8542	3/8	.9583				
13/16	.6510	1/16	.7552	5/16	.8594	7/16	.9635				
7/8	.6563	1/8	.7604	3/8	.8646	1/2	.9688				
15/16	.6615	3/16	.7656	7/16	.8698	9/16	.9740				
8—	.6667	1/4	.7708	1/2	.8750	5/8	.9792				
1/16	.6719	5/16	.7760	9/16	.8802	11/16	.9844				
1/8	.6771	3/8	.7813	5/8	.8854	3/4	.9896				
3/16	.6823	7/16	.7865	11/16	.8906	13/16	.9948				
1/4	.6875	1/2	.7917	3/4	.8958	7/8	1.0000				
5/16	.6927	9/16	.7969	13/16	.9010	15/16	1.0052				
3/8	.6979	5/8	.8021	7/8	.9063	12—	1.0104				
7/16	.7031	11/16	.8073	15/16	.9115	1/16	1.0156				
1/2	.7083	3/4	.8125	11—	.9167	1/8	1.0208				
9/16	.7135	13/16	.8177	1/16	.9219	3/16	1.0260				
5/8	.7188	7/8	.8229	1/8	.9271	1/4	1.0313				
11/16	.7240	15/16	.8281	3/16	.9323	5/16	1.0365				
3/4	.7292	10—	.8333	1/4	.9375	3/8	1.0417				

B. K. ELLIOTT COMPANY, PITTSBURG, PA.
DRAWING MATERIALS AND SURVEYING INSTRUMENTS

Huntsburg N. & S. Center Road. 5R528

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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.

3-12-'21 Cloudy muddy warm

Hanna Grad.

Sta.	B.S.	H.I.	F.S.	Elev.
B.M.	12.24	1120.45		1108.21
T.P.	10.12	1130.02	0.55	1119.90
B.M.			8.37	1121.65
T.P.	12.91	1139.57	3.36	1126.66
B.M.			3.40	1136.17
T.P.	13.05	1149.45	3.17	1136.40
T.P.	11.20	1159.64	1.01	1148.44
B.M.			1.08	1158.56
T.P.	6.87	1163.21	3.30	1156.34
B.M.			8.72	1154.49
T.P.	9.36	1168.94	3.63	1159.58
T.P.	4.14	1172.01	1.07	1167.87
B.M.			2.03	1169.98
T.P.	1.20	1167.78	5.43	1166.58
T.P.	0.33	1158.69	9.42	1158.36
x B.M.	0.44	1153.79	5.34	1153.35
T.P.	4.73	1157.28	1.24	1152.55
B.M.			7.22	1150.06
T.P.	12.38	1169.10	0.56	1156.72
T.P.	10.76	1179.39	0.47	1168.63
x B.M.			5.67	1173.72
T.P.	12.05	1190.79	0.65	1178.74
T.P.	11.67	1202.25	0.21	1190.58

✓

BENCH MARKS

2 nails W. root 20" hickory 40' Rt. Sta 0-

x on S.W. cor. W. Head Wall Conc. Culv. Sta. 12+00

Tack on S.E. root 30" Maple 35' Lt. Sta. 20+40

Tack on N. root, 13" Maple 25' Lt. Sta. 31+50

x on N.W. Cor. W. Head Wall, Conc. Culv. Sta 41+40

" " " " " " " " " " Sta. 4

Nail on S.E. root 15" Maple 25' Lt. Sta. 57+10

Nail on E. root 20" Maple ' Lt. Sta. 68+30

x on S.W. Cor. W. Head Wall Stone Culv. Sta 80+73

Nail on W root 24" Maple ' Rt. Sta. 88+40 88±

12025

T.P.	12.66	1214	82	0.09	1202.16	
B.M.				1.75	1213.07	Nail in W. root 24" Evergreen 40 Rt. Sta. 100+10
T.P.	12.02	1226	52	0.32	1214.50	
T.P.	12.20	1238	55	0.17	1226.35	
T.P.	11.53	1250	04	0.04	1238.51	
T.P.	11.23	1260	80	0.47	1249.57	
x B.M.				4.30	1256.50	Nail in W. Root 60" Elm 35' Rt., Sta. 110+25
T.P.	6.32	1265	52	1.60	1259.20	
x B.M.				5.96	1259.56 1260.=D	x on S.W. Cor. Conc. Porch to Store

CROSS-SECTIONS

Sta.	B.S.	H. I.	F.S	Elev.
B.M.	12.16	1120.37		1108.21
0			10.2	10.2
1			9.8	10.6
+25	10" C.I. Pipe (sec.) [Req: 12"]		Culvert 10.0	10.4
2			9.5	10.9
3			8.6	11.8
4			6.5	13.9
5			3.4	17.0
T.P.	7.86	1127.76	0.47	1119.90
6			6.5	21.3 ✓

3-16-'21
windy !!!
cold
Mud !!!!
Fair

{ Honna
Grau
Thrasher

3

w. root 20" Hickory 40' Rt, Sta. 0 —

+1.4 8.8 2.5 | +0.1 10.1 11 | 0.0 10.2 | -0.9 11.1 1.5 | -0.1 10.3 16 | -0.2 10.4 25 ✓

+2.0 7.8 25 | +1.4 8.4 17 | -1.2 11.0 11-9 | -0.2 10.0 7 | 0.0 9.8 | -0.5 10.3 10 | -1.8 11.6 12 | -2.0 11.8 16 | -1.2 11.0 25 ✓

+1.8 8.2 25 | +1.4 8.6 19 | -1.0 11.0 13 | -2.3 12.3 8 | -0.2 10.2 7 | 0.0 10.0 | -0.4 10.4 9 | -2.6 12.6 10 | -3.2 13.2 25

← 7' → 9' 7

+1.6 7.9 25 | +1.1 8.4 17 | -0.4 9.9 13 | 0.0 9.5 | -1.0 10.5 11 | -1.6 11.1 25 ✓

+0.8 7.8 25 | +0.5 8.1 16 | -0.3 8.9 11 | 0.0 8.6 | -0.3 8.9 11 | -1.1 9.7 14 | -2.1 10.7 25 ✓

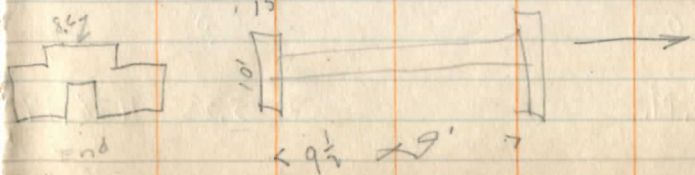
+0.7 5.8 25 | +0.4 6.1 16 | 0.0 6.5 15-12 | -0.6 7.1 11 | 0.0 6.5 | -0.3 6.8 7 | -0.7 7.2 13 | -0.5 7.0 25 ✓

+2.5 0.9 25 | +2.2 1.2 18 | -0.1 3.5 14 | 0.0 4.1 10-9 | -0.4 3.8 8 | 0.0 3.4 | -0.5 3.9 7 | -0.8 4.2 9 | +1.2 2.2 13 | +1.0 2.4 25 ✓

+2.7 3.9 25 | +2.1 4.1 17 | 0.0 6.5 14-11 | -1.4 7.9 10 | -0.7 7.2 8 | 0.0 6.5 | -0.3 -0.8 6.8 5 | -0.8 7.3 7 | +0.5 6.0 11 | +0.4 6.1 25 ✓

11/27/76

6+50		4.2	23.6	+2.2 +1.4 −0.7 −1.2 −0.4 0.0 −0.4 −1.1 −0.6 −1.1 2.0 2.8 4.9 5.4 4.6 4.2 4.6 5.3 4.8 5.3 25 15 13-10 9 7 5 7 8 25
7		3.3	24.5	+1.2 +0.6 −0.1 −1.0 −0.1 0.0 −0.8 −1.0 −1.8 2.1 2.7 3.9 4.3 3.4 3.3 4.1 4.3 5.1 25 17 15 11 9 5 16 20-25 ✓
8		2.4	25.4	+0.8 −0.8 −0.1 0.0 −0.9 −0.3 −0.8 1.6 3.2 2.5 2.4 3.3 2.7 3.2 25-20 12 9 5 13 25 ✓
9		1.7	26.1	+0.8 −0.2 −1.0 −0.2 0.0 −0.6 +0.1 +0.3 ✓ 0.9 1.9 2.7 1.9 1.7 2.3 1.6 1.4 25 14 12 9 5 15 25
T.P.	3.20 1130 17	0.79	1126.97	
9+50		3.6	26.6	+1.7 −0.4 −1.1 −0.1 0.0 −0.1 +0.9 +1.5 1.9 4.0 4.7 3.7 3.6 3.7 2.7 2.1 25-22 13 12 10 8 12 25
10		5.0	25.2	+2.5 +1.9 0.0 −1.3 −0.6 0.0 −0.1 −0.7 +2.1 +2.6 2.5 3.1 5.0 6.3 5.6 5.0 5.1 5.7 2.9 2.4 25 18 14 11 10 4 5 11 25 ✓
				Banks end at +80
11		10.6	19.6	−0.5 −0.2 −0.8 0.0 −1.2 −1.6 11.1 10.8 11.4 10.6 11.8 12.2 25 12 10 13 25 ✓
12	℄ corr. Stone Box Culvert 4 × 3½ Exc. cond O.K.	10.2	20.0	−3.8 −4.5 −0.1 0.0 −0.1 −5.0 −~~4.7~~ 5.1 14.0 14.7 10.3 10.2 10.3 15.2 15.3 22 10~~+1~~ 9.3 9 10. 25
	Top recover	10.4	19.8 ✓	



1130 2/17

B.M.			8.53	1121.64	+ on Lt Parapet
13			9.5	20.7	
14			4.7	25.5	
T.P.	11.58	1138.20	3.55	1126.62	
15			7.2	31.0	
16			3.7	34.5	
17			2.2	36.0	
T.P.	3.89	1141 5/5	0.54	1137.66	
18			3.0	38.6	
19			6.3	35.3	
20			8.0	33.6	
B.M.			5.38	1136.17	

✓

−1.5 −0.1 −0.4 00 −0.4 −0.7 +0.3
11.0 9.6 9.9 9.5 9.9 10.2 9.2 ✓
25 11 9 9 17 25

+2.7 +1.6 −1.0 −0.4 0.0 −0.4 −1.3 +2.3 +3.3 +3.7 ✓
2.0 3.1 5.7 5.1 4.7 5.1 6.0 2.4 1.4 1.0
25 15 9 7 4 7 13 19 25

+0.7 −1.0 −0.4 0.0 −0.2 −1.0 +1.3 +2.7
6.5 8.2 7.6 7.2 7.4 8.2 5.9 4.5 ✓
25 − 14 9 8 5 6-8 12 21-25

−1.6 −0.7 −1.3 −0.5 0.0 −0.8 0.0 +1.5 ✓
5.3 4.4 5.0 4.2 3.7 4.5 3.7 2.2
25 11 9 7 7 9 20-25

−1.4 −0.5 −0.8 −0.2 0.0 −0.3 −0.7 −0.4 +1.4
3.6 2.7 3.0 2.4 2.2 2.5 2.7 2.6 0.8 ✓
25 11 9 7 5 7 8 25

−1.3 −0.7 −1.2 −0.4 0.0 −0.4 −1.0 −0.4 0.0 ✓
4.3 3.7 4.2 3.4 3.0 3.4 4.0 3.4 3.0
25 11 9 7 5 6 7 25

−0.9 −0.5 −0.9 −0.3 0.0 −0.5 +1.3 +2.7
7.2 6.8 7.2 6.6 6.3 6.8 5.0 3.6 ✓
25 9 8 7 6 13 25

0.0 −0.5 −0.8 00 −0.3 −1.0 −0.8
8.0 8.5 8.8 8.0 8.3 9.0 8.3 ✓
25 15 10 7 10 25

Maple 35' Lt. Sta 20+40

1141.55

21			8.8	32.8	+1.9 +1.4 -1.2 -0.2 0.0 -0.1 -1.4 -1.0 -1.7 ✓ 6.9 7.4 10.0 9.0 8.8 8.9 10.2 9.8 10.5 25 14 7 5 7 10 18 25
~~TP~~					
+72	℄ Stone Culvert 2' x 2' Poor cond. (Req'd 2x2' Box)		8.5	33.1	-3.3 -4.2 00 0.0 -0.4 -5.5 -5.3 -4.4 11.8 12.7 8.3 8.5 8.9 14.0 3.8 12.9 25 11 10 6 7 25 Inlet 16' To 6" Tile ⟵ 10½ × 6½ ⟶
22			7.9	33.7	-1.6 -0.3 -0.9 +3.1 0.0 -0.3 -1.4 -3.1 -3.3 ✓ 9.5 8.4 8.8 7.8 7.9 8.7 9.3 11.0 11.2 25 21 14 10 3 5 15 25
+40			5.3	36.3	+2.9 0.0 -0.3 0.0 +0.2 -0.5 +1.7 +2.5 2.4 5.3 5.6 5.3 5.1 5.8 3.6 2.8 25-19 12 10 5 6 12 25
T.P.	13.07	1151.84	2.78	1138.77	
23			10.1	41.7	+4.9 +4.7 -0.5 0.0 -0.4 +4.1 +4.5 ✓ 5.2 5.4 10.6 10.1 10.5 6.0 5.6 25 13 2 2 13 25
24			3.5	48.3	+1.2 +0.6 -0.9 0.0 -1.0 -0.4 +0.2 0.0 ✓ 2.3 2.9 4.4 3.5 4.5 3.9 3.3 3.5 25 12 8 9 10 16 25
+25			3.3	48.5	+0.7 +0.4 -1.0 0.0 -1.2 -0.5 +0.2 -0.2 2.6 2.9 4.3 3.3 4.5 3.8 3.1 3.5 25 12 8 9 10 19 25
25			6.2	45.6 ✓	+2.8 +2.3 00 -0.5 0.0 -0.4 -1.3 +0.5 ✓ 3.4 3.9 6.2 6.7 6.2 6.6 7.5 5.7 25 15 12 10 6 4 14 25

11/5/84

26			12.4	39.4
T.P.	0.92	1140.50	12.26	1139.58
+75			5.5	35.0
27			6.3	34.2
+67	℄ Stone Culvert 3½ x 2 Poor cond. (Reyd Con BBL. stone Hd. walls).		6.6	33.9
28			5.9	34.6
+40			4.3	36.2
T.P.	13.12	1150.90	2.72	1137.78
29			12.1	38.8
30			3.6	47.3
T.P.	9.46	1159.71	0.65	1150.25 ✓

M.M.

+3.2 +2.6 +0.2 -0.8 0.0 -0.9 +1.6 +1.8 ✓
9.2 9.8 12.2 13.2 12.4 13.3 10.8 10.6
25 17 14 11 4 10 25

+3.0 -0.3 0.0 -1.0 0.0 +0.8 +0.5
2.5 5.8 5.5 6.5 5.5 4.7 5.0
25 18- 12 2 4 7 25

+0.1 -0.1 -0.6 0.0 -0.5 -2.2 -2.8
6.2 6.4 6.7 6.3 6.8 8.5 9.1 ✓
25 16 14 4 15 25

-3.7 -3.7 +0.8 -0.2 0.0 0.0 +0.6 -3.9 -3.5
10.3 10.3 5.7 6.3 6.6 6.6 5.9 10.5 10.1
22 15 14 13 3 5 6 25

Tile outlet

18"

2 stones

< 15' x 5'-3" >

-1.1 -0.4 -0.7 -0.1 0.0 -0.2 -2.4 -3.0 ✓
7.0 6.3 6.6 6.0 5.9 6.1 8.3 8.9
25 19 17 15 6 16 25

-0.7 -0.6 0.0 -0.7 -0.2 +0.6
5.0 4.9 4.3 5.0 4.5 3.7
25 13 3 5-12 16-25

+3.4 +0.1 -0.9 -0.1 0.0 -0.7 +0.1 +4.7 ✓
8.7 12.0 13.0 12.3 12.1 12.8 12.0 7.4
25-20 15-14 13 11 3 7 17-25

+3.6 -0.6 0.0 0.0 -0.8 +2.5 +1.5 ✓
0.0 4.2 3.6 3.6 4.4 1.1 2.1
25-21 14 12 2 9 25

P.M. 11/5/71

30+90			7.8	51.9
31			7.3	52.4
+	CL Rd Rt		6.8	52.9
	" " Lt		6.8	52.9
(Drain water in ditch of Rd to Rt & Lt)				
+45			5.7	54.5
32			3.4	56.3
B.M.			1.14	1153.57
33			5.3	54.4
34			5.5	54.2
T.P.	4.06	1156.86	6.91	1152.80
35			4.6	52.3
+85	42" C.I.P. (sec) (Rdg new)		4.8	52.1 ✓

+0.9 +0.2 0.0 -0.7 +0.5 +0.2
6.9 7.6 7.8 8.5 7.3 7.6
25 13 10 14 25

same ↑ 7.3 -2.8 10.1 / 25

0.0 -0.2 -1.9 -6.5
6.8 7.0 8.7 13.3
13 25 7.5

-5.1 +0.7
11.9 6.1
100 25

+2.7 +2.4 -0.8 0.0 -3.0 +0.5
2.5 2.8 6.0 5.2 8.2 4.7
25 21 13 21 30

+2.2 +1.8 -1.0 0.0 -0.4 -1.1 +0.5 -0.1 ✓
1.2 1.0 4.4 3.4 3.8 4.5 2.9 3.5
25 16 11 10 15 19 25

25' Lt. 3+50 N. root 18" Maple.

+0.5 -0.5 -0.8 0.0 -1.1 -2.1 ✓
4.2 5.0 6.1 5.3 6.4 7.4
25 11 7 14 25

+2.7 +2.0 -1.2 0.0 -0.1 -0.7 -0.3 -1.0 -0.4
2.8 3.5 6.7 5.5 5.6 6.2 5.8 6.5 5.9
25 15 9 11 16 18 20 25

+1.8 +1.1 -0.8 0.0 -1.0 -1.4 ✓
2.8 3.5 5.4 4.6 5.6 6.0
25 18 15 15-19 25

-0.7 -1.3 -0.4 0.0 -0.5 -1.6 -1.3 -2.2
5.5 6.1 5.2 4.8 5.3 6.4 6.1 7.0
20 8 7 13 14 25 40

clean outlet ← 7' × 13' →

	1156 9 8 6			
36			4.6	52.3
37			3.1	53.8
T.P.	7.19 1163 7 66		0.39	1156.47
38			6.7	57.0
+75			3.3	60.4
39			3.4	60.3
40			7.8	55.9
41			10.1	53.6
B.M.				
+40	℄ Con Box Cuvt 3 x 2'-3" Good Cond con. floor (Ext. Lt. end)		9.8	53.9
			9.17	1154.49

0.0 -0.7 -0.7 0.0 -0.3 -1.1 -0.8 -1.3 ✓
4.6 5.5 5.3 4.6 4.9 5.7 5.4 5.9
25 17 9 11 15 16 25

-0.6 -1.0 -0.5 0.0 -0.3 -0.9 +1.3 +1.6 ✓
3.7 4.1 3.6 3.1 3.4 4.0 1.8 1.5
25–18 17 12 10 14 21 25

+3.6 +3.3 -0.1 0.0 +0.6 +2.4 ✓
3.1 3.4 6.8 6.7 6.1 4.3
25 22 13 10 25

+2.5 +0.8 0.0 0.0 +0.4
0.8 2.5 3.3 3.3 2.9
25 18 17 21-25

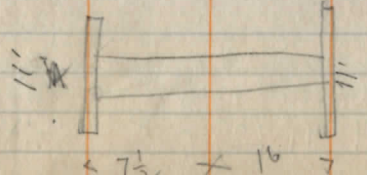
+2.4 +0.6 0.0 -0.2 +0.9 ✓
1.0 2.8 3.4 3.6 2.5
25 18 18 20-25

+3.2 +1.8 +0.2 -1.0 -0.4 0.0 -0.3 -0.9 +0.3 +2.5 ✓
4.6 6.0 7.6 8.8 8.2 7.8 8.1 8.7 7.5 5.3
25 17 12 11 6 12 15 18 23-25

+0.8 -0.6 -0.2 0.0 -0.2 -0.6 -1.4 ✓
9.3 10.7 10.3 10.1 10.3 10.7 11.5
25 16–10.8 15 18 25

from Curb

-3.4 -4.0 +0.6 +0.1 0.0 0.0 +0.5 -4.7 -1.7
13.2 13.3 9.2 9.7 9.8 9.8 14.3
16 FL 7 6 14 16
18" 18"



		1163 GC			
42			9.6	54.1	
T.P.	9.96	1165 40	8.22	1155.44	
43			7.8	57.6	
44			4.0	61.4	
45			6.6	58.8	
B.M.			5.82	1159.58	
+50		℄ Conn. Box Exc. Cond Culvt 3'x2' (No Work)	6.6	58.8	
46			7.2	58.2	
47			5.9	59.5	
48			3.8	61.6	
T.P.	10.71	1172 65	3.46	1161.9A	✓

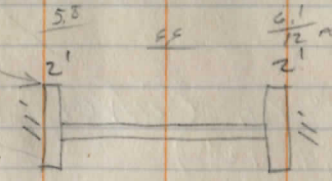
+2.7 +2.0 +0.1 0.0 -0.3 -0.7 +0.3 ✓
6.9 7.6 9.5 9.6 9.9 10.3 9.3
25 18 13 12 17 23-25

+4.6 +3.8 +0.4 -1.0 0.0 -0.4 +2.2 ✓
3.2 4.0 7.4 8.8 7.8 8.2 5.6
25 16 8 3 15 19-25

+3.2 +2.8 -0.7 -0.3 0.0 -0.5 -1.0 +1.3 ✓
0.8 1.2 4.7 4.3 4.0 4.5 5.0 2.7
25 15 8 5 13 18 21-25

+1.6 -0.8 -1.1 -0.3 0.0 -0.3 -1.6 -1.8 ✓
5.0 7.4 7.7 6.9 6.6 6.9 8.2 8.4
25 16 10 6 13 17 25

+ on parapet



< 12' × 12' =

+0.8 +0.1 -0.8 0.0 -0.4 -1.0 -0.8 -0.6 ✓
6.4 7.1 8.0 7.2 7.6 8.2 8.0 7.8
25 15 13 7 12-15 16 25

-0.2 -0.7 -1.3 -0.4 0.0 -0.1 -1.1 -0.7 -1.3 ✓
6.1 6.6 7.2 6.3 5.9 6.0 7.0 6.6 7.2
25 15 14-12 10 9 14 15 25

+0.3 -0.2 -0.9 -0.5 0.0 -0.2 -0.8 +1.9 +3.8 ✓
3.5 4.0 4.7 4.3 3.8 4.0 4.6 1.9 0.0
25 13 11 10 8 10-13 18 25

1172 65

49			6.4	66.3
+75			4.0	68.7
50			4.3	68.4
51			5.1	67.6
52			6.5	66.2
+35	℄ 6" V.P. (Reqd 12")	Culvert	6.2	66.5
53			6.0	66.7
54			4.5	68.2
T.P.	391	1171 86	4.70	1167.95

✓

+3.4 +1.9 +0.9 +0.7 -1.3 -0.8 0.0 -0.5 -1.1 +1.7 +2.2 ✓
3.0 4.5 5.5 5.7 7.7 7.2 6.4 6.9 7.5 4.7 4.2
25 4 19 15 11 10 10 14 19 25

+2.7 +1.1 -1.1 0.0 -0.9 +0.4 +0.7
1.3 2.9 5.1 4.0 4.9 3.6 3.3
25 14 11-9 15 17 25

+3.0 +1.3 -0.9 -0.3 0.0 -1.0 +0.8 ✓
1.3 3.0 5.2 4.6 4.3 5.3 3.5
25 13 10-8 6 14 21-25

-0.1 -1.2 -1.4 -0.4 0.0 -0.3 -1.5 -1.2 -2.5 ✓
5.2 6.3 6.5 5.5 5.1 5.4 6.6 6.3 7.6
25 11 10 5 9 15 16-18 25

+1.2 -0.5 -0.9 -0.1 0.0 -0.2 -0.9 -0.2 -0.1 ✓
5.3 7.0 7.9 6.6 6.5 6.7 7.4 6.7 6.6
25 18 10 7 11 14 17 25

-0.8 -1.1 -1.7 -1.9 -0.4 0.0 -0.6 -2.8 -3.2
7.0 7.3 7.9 8.1 6.6 6.2 6.8 9.0 9.4
25 15 13 10 8 9 12 25

< 10' < 12' >

+2.3 +0.7 -0.5 -1.1 0.0 -0.1 -0.9 +0.1 ✓
3.7 5.3 6.5 7.1 6.0 6.1 6.9 5.9
25 14 9 8 11 15 20-25

+1.8 +0.3 -0.7 0.0 -0.2 -1.2 -0.7 -0.8 ✓
2.7 4.2 5.2 4.5 4.7 5.7 5.2 5.3
25 12 10 11 14 16 25

1171 8C

55				3.C	68.3
56				4,0	67.9
57				4,7	67.2
B.M.				1,89	1169.98
58				5.5	66.1
59				5,8	66.1
60				7.5	64.4
T.P.	2.47	1165	8 2	8.51	116435
61				2,6	63.2
62				3.2	62.6
63				4.9	60.9 ✓

+1.4 +0.8 -0.8 0.0 -0.2 -0.7 0.0 ✓
1.7 2.8 4.4 3.6 3.8 4.3 3.6
25 15 7 9 12 25

+0.8 +0.3 -0.7 0.0 -0.4 ✓
3.2 3.7 4.7 4.0 4.4
25 17 14 13-25

+1.5 +1.0 -1.0 0.0 -0.7 -0.2 +0.6 +0.7 ✓
3.2 3.7 5.7 4.7 5.4 4.9 4.1 4.0
25 21 17-14 10 12 19 25

.022

S.E. Root 15" Maple 25' Lt, Sta 57+10

-0.3 -0.8 0.0 -0.4 -1.0 -1.8 ✓
5.8 6.3 5.3 5.9 6.5 7.3
25 17-14 7 8-11 25

+1.3 +0.3 -1.1 -1.6 -0.7 0.0 -0.5 -1.1 -0.7 +0.2 ✓
4.5 5.5 6.9 7.4 6.5 5.8 6.3 6.9 6.5 5.6
25 20 17 14 11 9 12 13 25

+0.8 +0.1 -1.0 -1.3 -0.8 0.0 -0.5 -1.1 -0.1 +0.2 ✓
6.7 7.4 8.5 8.8 8.3 7.5 8.0 8.6 7.6 7.3
25 20 18 13 12 8 10 17 25

-0.3 -1.2 -0.6 0.0 -0.2 -1.1 -0.7 ✓
2.9 3.8 3.2 2.6 2.8 3.7 3.3
25-19 14 11 7 9 25

+0.1 -0.3 -0.8 -1.4 -0.8 0.0 -0.3 -0.9 -0.2 -0.1 ✓
3.1 3.5 4.0 4.6 4.0 3.2 3.5 4.1 3.7 3.3
25 19 17 13 12 7 10 15 25

00 -1.8 -0.7 0.0 -0.7 0.0 +1.5 ✓
4.9 6.7 5.6 4.9 5.6 4.9 3.4
25-20 16 13 8 10 25

		1165 82		
64			7.0	58.8
65			10.2	55.6
T.P	1.46	1156 24	11.04	1154.78
66			4.2	52.0
67			7.4	48.8
+50 & 12" C.I.P. (Reg'd 12") outlet			8.2	48.0
68			8.2	48.0
B.M.			2.89	1153.35
69			5.5	50.7
T.P.	1.73	1152 21	5.76	1150.48
70			6.9	45.4

Culvert

+1.5 +0.9 -1.1 -1.7 -0.8 0.0 -0.5 -1.6 +1.2 +2.4 ✓
5.5 6.1 8.1 8.7 7.8 7.0 7.5 8.6 5.8 4.6
25 20 17 15 14 4 7 14 25

+1.9 +1.2 -0.5 -1.4 -0.5 0.0 -0.3 -1.5 -0.4 +0.8 +1.9 ✓
8.3 9.0 10.7 11.6 10.7 10.2 10.5 11.7 10.6 9.4 8.3
25 20 18 14 12 3 6 10 18 25

+3.9 +2.5 -1.0 -1.5 -0.3 0.0 -0.4 -0.8 -0.3 +1.3 +2.1 ✓
0.3 1.7 5.2 5.7 4.5 4.2 4.6 5.0 4.5 2.9 2.1
25 20 16 14 13 11 4 5 10 13 25

Lt bank ends 0+50

-0.5 -0.2 -0.9 -0.4 0.0 -0.3 -0.9 +0.1 -1.0 ✓
7.7 7.6 8.3 7.8 7.1 7.7 8.3 7.3 8.4
25 15 12 11 3 4 9 25

-1.1 -1.6 -0.3 0.0 -0.2 -2.2 -1.9 -3.4
9.3 9.8 8.5 8.2 8.4 10.4 10.1 11.6
25 13 11 7 5 7 25 50

<13 × 7 >

+1.2 +0.1 -1.1 -0.3 0.0 -0.2 -1.0 +0.1 -0.5 ✓
7.0 8.1 9.3 8.5 8.2 8.4 9.2 8.1 8.7
25 21 13 11 5 17 22 25

E. root 20" Maple 25' Lt. Sta. 68+30

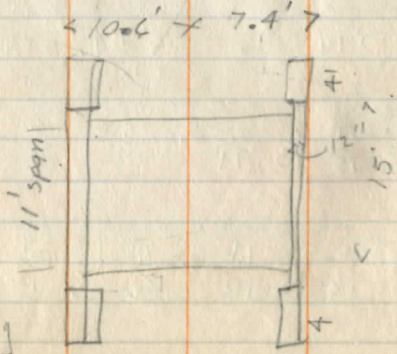
0.0 -1.1 -1.3 -0.7 0.0 -0.1 +1.9 +2.3
5.5 6.6 6.8 6.2 5.5 5.6 3.6 3.2
18-25 15 13 11 8 16 25 ✓

+2.6 +1.2 -1.2 -0.3 0.0 -0.3 -0.7 +2.7 +3.2
4.2 5.6 8.0 7.1 6.8 7.1 7.7 3.9 3.6
25 16 13 10 2 5 12 25 ✓

1152 21

TP	4.90	1144.71	12.40	1139.81
71			7.3	37.4
+50			9.5	35.2
+90			10.8	33.9
72			10.7	34.0
S.P.	6.06	1142.52	8.25	1136.46
	bottom of Slab		8.07	~~36.64~~
	top " "		7.13	~~37.58~~

1.32 ℄ span, Con. Slab. Bridge
Stone Abuts. Con. Slab & Curb.
Fair Cond.
Point-Abuts



+2.7	0.0	-0.9	-0.4	0.0	-0.4	-1.2	+3.1	+4.7	V
4.6	7.3	8.2	7.7	7.3	7.7	8.5	4.2	2.6	
25	17-15	13	10		4	6-8	14	21-25	

+1.2	-0.5	-0.8	-0.5	0.0	-0.4	-0.8	0.0
8.3	10.0	10.3	10.0	9.5	9.9	10.3	9.5
25	19	13	10		6	8	12-25

-0.8	-1.5	-2.1	-2.5	-0.6	0.0	-0.5	0.0	-0.6
11.6	12.3	12.7	13.3	11.4	10.8	11.3	10.8	11.4
25	17	16	8	4		11	12	25

-1.5	-2.5	-0.2	0.0	+0.2	-0.6	0.0	-0.5	V
12.2	13.2	10.9	10.7	10.5	11.3	10.7	11.2	
25	20-12	9		10	13	14	25	

~~34~~ × S.W. cor W. parapet –
34.4
35.4

Killed 3 snakes 3-17-'21

1142 52

+24			7.3	35.2
+40			7.2	35.3
73			8.7	33.8
E Rd +20			7.9	34.6
28' Lin. ft. 10"ϕ cor pipe under Rd. 7s Lt. E. ditch drains down N. ditch of Rd. 7s East.			8.6	33.9
			11.0	31.5
			8.1	34.4
			5.8	36.7
74 P.I.		50.0	5.9	36.6
T.P.	10.07	1149.98	2.61	1139.91
+30			11.7	38.3
75			6.9	43.1
T.P.	11.04	1159.33	1.69	1148.29
76			8.2	51.1
+65			5.5	53.8

-4.2 -1.3 +0.5 0.0 0.0 +0.6 -1.0 -1.8 -2.4 -2.2
11.5 8.6 6.8 7.3 7.3 6.7 8.3 9.1 9.7 9.5
25 12 11 10-9 6 7 15 16 25

-4.1 -3.7 -1.8 +0.1 0.0 +0.5 -2.1 -0.6 -2.4
11.3 10.9 9.0 7.1 7.2 6.7 9.3 7.8 9.6
25 20 12 10-9 5-6 7 12 25

-0.4 -1.5 -0.2 -0.6 0.0 -1.1 -1.6
9.1 10.2 8.9 9.3 8.7 9.8 10.3
25-18 15 14-11 9 14 25

10' Rt.
100' Rt
20' Lt
100' Lt.

+1.0 -0.3 -0.7 -1.3 -0.4 0.0 -0.2 -0.6 +0.3 +1.4 +2.5 +4.9
4.9 6.2 6.6 7.2 6.3 5.9 6.1 6.5 5.6 4.5 3.4 1.3
25 21 16 15 12 7 10 14 16 20 25

+2.6 +2.3 -1.0 -0.5 0.0 -0.2 +5.5 +7.6
9.1 9.4 12.7 12.2 11.7 11.9 6.2 4.1
25 20 12 11 10 18 25

+5.7 +4.7 -0.1 0.0 +0.1 -0.5 +5.2 +6.3
7.2 2.2 7.0 6.9 6.8 7.4 1.7 0.6
25-23 20 14 7 5 6 14 25

(Deduct 10 cu. yds. for drive to Rt.)

+5.2 +4.5 -1.2 -0.4 0.0 -0.7 +3.9 +4.7
3.0 3.1 9.4 8.6 8.2 8.9 4.3 3.5
25 20 17 9 8 15 25

+6.0 +5.5 +3.1 -0.5 0.0 -0.5 +3.3 +2.9
-0.5 0.8 2.4 6.0 5.5 6.0 2.2 2.6
25 20 13 9 10 5 N

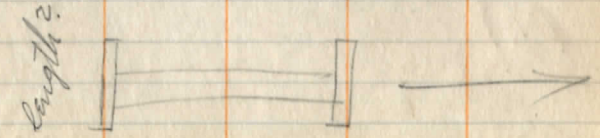
(Deduct 5cy for old dr. Rt.)

1159 33

77			4.4	54.9	+4.4 +3.5 -0.3 0.0 -0.3 -0.9 +1.0 +0.9 ✓ 0.0 0.9 1.7 4.4 4.7 5.3 3.4 3.5 25 15 10 10 12 16 25
+30 ~~78~~			3.8	55.5	+2.0 +0.9 -0.7 0.0 -0.5 -1.3 -0.2 +0.1 -0.2 1.8 2.9 4.5 3.8 4.3 5.1 4.0 3.7 4.0 25 15 10 9 12 17 20 25
78			4.9	54.4	+0.6 +0.5 -0.9 0.0 -0.9 -0.5 -0.7 ✓ 4.3 4.4 5.3 4.9 5.8 5.4 5.6 25 13 10 13 14 25
79			8.2	51.1	+2.2 -0.3 -0.6 -1.6 -0.6 0.0 -0.4 -1.1 +2.1 +2.7 ✓ 6.0 8.5 8.8 7.8 8.8 8.2 8.6 9.3 6.1 5.5 25-19 15 12 11 8 9 12 18 25
+~~70~~			10.5	48.8	+1.0 -0.5 -1.1 -0.3 0.0 -0.1 -0.8 +1.0 +1.2 9.5 11.0 11.6 10.3 10.5 10.6 11.3 9.5 9.3 25-18 16-13 12 9 8 11-14 18 25
80			11.2	48.1	-0.1 +0.1 -0.2 -0.8 0.0 -0.3 -0.7 -0.4 -1.3 ✓ 11.3 11.1 11.4 12.0 11.2 11.5 11.9 11.6 12.5 25 17 13 12 8 11 14 25
T.P.	7.78	1157 85	9.25	50.07	x on Lt. Head Wall Culv.
+73	℄ stone	culvert	9.3	48.6	

con. cover.
3 x 3
Good cond
O.K.

✓



<12'-6" x 12'-0">

1157.85

81				9.3	48.6
82				8.6	49.3
+25				7.4	50.5
83				5.1	52.8
T.P.	10.86	1167	61	1.10	1156.75
84				9.0	58.6
85				4.8	62.8
86				1.7	65.9
T.P.	9.28	1175	71	1.18	1166.43
87				8.0	67.7
88				2.2	69.5
BM.				1.99	1173.42

-1.5 -0.6 -1.0 -0.2 0.0 -0.4 -1.4 -0.8 -2.1
10.8 9.7 10.3 9.5 9.3 9.7 10.7 10.1 11.4
25 13 12 11 9 12 13 25

-0.4 -0.7 0.0 -0.1 -0.7 -0.2 +1.0 +1.6
9.0 9.3 8.6 8.7 9.3 8.8 7.6 7.0
25 9 8 10 11-14 18 25

+2.0 -0.9 -1.6 -0.4 0.0 -0.6 -1.3 -0.9 +1.3 +2.0
5.4 8.3 9.0 7.8 7.1 8.0 8.7 8.3 6.1 5.4
25 15 9 2 8 10 12 15 25

+5.9 +4.9 -0.5 -1.1 0.0 0.0 -0.5 +3.6 +4.4
-0.8 0.2 5.6 6.2 5.1 5.1 5.6 1.5 1.2
25-22 20 11-10 9 8 8-11 17 25

+5.7 +5.1 -0.6 -1.2 -0.4 0.0 -0.2 -1.0 +0.6 +2.6
3.3 3.9 9.6 10.2 9.4 9.0 9.2 10.0 9.4 6.4
25 20 11-9 8 6 10 12 14 19-25

+2.1 +0.7 -1.0 0.0 0.0 -0.4 -0.9 +0.5
2.7 4.1 5.8 4.8 4.8 5.2 5.7 4.3
25 14 11 9 10 12 15-25

-0.1 -0.5 -1.6 -0.5 0.0 -0.3 -1.2 -0.7 -0.5
1.8 2.2 3.3 2.2 1.7 2.0 2.9 2.4 2.2
25 16 14 13 11 12 13 25

+0.4 +0.3 -1.3 0.0 -0.5 -1.4 -1.0 +1.7
7.6 7.7 9.3 8.0 8.5 9.4 9.0 6.3
25 20 14 9 9 13 15-18 25

+2.1 -1.2 0.0 -0.3 -0.7 +2.1
4.1 7.4 6.2 6.5 6.9 4.1
25- 21 13 11 15 23-25

3-23-'21
Fair

B.M.	9,78 118350			1173.72
89			10,7	72.8
90			7,7	75.8
91			5,1	78.4
+50			4.3	79.2
92			5.4	78.1
93			8.0	75.5
+73	2 stone box Culvert 4x 2? Clean out outlet 100' clean Culv. 1' mud from bottom Ext Good cond		7.9	75.6
94			7,5	76.0
			5.4	
95				78.1

Hard
Grey
Thrasher

18

+1.9 +2.4 -0.7 0.0 -0.3 -0.9 +0.6 +1.8
8.8 8.3 11.4 10.7 11.0 11.6 10.1 8.9
25 19 11 13 15 18 25

+2.5 -1.0 -0.2 0.0 -0.6 +0.3 +0.1
5.2 8.7 7.9 7.7 8.3 7.4 7.6
25 19 11 8 14 16 25

+2.0 -0.3 0.0 -0.6 -0.9 -0.5 -0.4
3.1 5.7 5.7 5.7 6.0 5.6 5.5
25 20 11 12 14 15 25

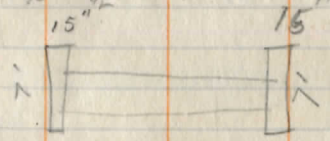
+0.3 -0.1 -0.7 -0.4 0.0 -0.3 -1.2 -0.9 -0.2
4.0 4.4 5.0 4.7 4.3 4.6 5.5 5.2 4.5
25 15 14 10 10 14 15 25

+0.4 +0.1 -1.4 -0.4 0.0 -0.3 -1.3 +0.4 +1.7
5.0 5.3 6.8 5.8 5.4 5.7 6.7 5.0 3.7
25 15 11 8 10 14 20 25

-0.6 -0.2 0.0 -0.4 -1.1 +0.1 +1.2
8.4 8.7 8.0 8.4 9.1 7.9 6.8
25 11 10 12-19 21 25

-3.2 -3.4 0.0 -0.3 0.0 +0.1 -3.5 -3.6
11.0 11.3 8.7 7.9 7.8 11.7 11.5
25 10 9 10 10 F.L. 25

15" 15"



10'-6" × 10'

-2.1 -0.8 0.0 -0.3 -2.3
9.6 8.2 7.5 7.8 9.8
25 12 14 25

+1.6 -0.8 -0.6 -0.9 -0.3 0.0 -0.3 -1.0 -0.6 -0.4 +1.6
3.8 6.2 6.0 6.3 5.7 5.4 5.7 6.4 6.0 5.6 3.9
25 19 11 10 8 8 11 12 20 25

11 83 50

96			✓	1.8	81.7
T.P.	12.02	11 94 67		0.85	1182.65 ✓
97			✓	3.4	91.3
T.P.	12.91	1206 52		1.06	1193.61 ✓
98				7.3	99.2
+~~+80 480~~		12" ℄ Iron Pipe (Bad)		2.4	04.1
		(12" Pipe now)			Culvert
+80					
99			✓	2.2	04.3 ✓
T.P.	12.50	1218 63		0.39	1206.13
100				9.8	08.8
B.M.				5.53	1213.10 ✓
101			✓	4.1	14.5 ✓
T.P.	12.29	12.30 31		0.61	1218.02
102				9.1	20.9
~~TP~~					
103				3.8	26.5

+70 +6.5 +1.8 +0.3

+5.2 +4.7 +2.4 +0.9 -0.6 0.0 -0.2 -0.6 +0.5 +1.0 +1.8 +5.8

25 22 15 13 11 7 9 10 14 15 25

+7.2 -0.4 +0.1 0.0 -0.3 -1.6 +3.4 +5.1 +5.1

+3.8 3.8 3.3 3.4 3.7 5.0 0.0 +1.7

25-20 10 5 7 11 17 22-25

+4.9 +4.2 -0.4 +1.3 0.0 -0.3 -1.2 -0.3 +1.4 +3.1

2.4 3.1 1.7 2.0 1.3 1.6 3.5 1.6 3.9 5.2

25 20 14 12 7 11 12 18 25

+2.4 -0.6 -0.9 +0.6 +0.2 0.0 -0.2

9.0 3.0 3.3 1.8 2.7 2.7 2.6

25.15 10 12-10 9 11

FL

Station? 12 × 12

5° skew

-2.9 -2.8

5.3 5.2

14ft 15

+2.7 +0.1 +1.3 +1.1 +0.3 0.0 +0.3 +0.9 -0.5 -0.1 -0.2

+0.5 2.1 0.9 1.1 1.9 2.2 1.9 1.3 2.7 2.3 2.5

25 17 11 8 7 10 12 16 17 25

+3.1 +2.5 +1.7 -0.3 +0.9 0.0 -0.3 -1.0 +0.3 +0.5

6.7 7.3 8.1 10.1 8.9 9.8 10.1 10.9 9.5 9.3

25 13 15 12 10 Rock 13 16 14 25

Rock

Nail W. roof 24" Evergreen 40 Ft. Sta 100+10

+6.9 +4.1 -0.6 +0.5 0.0 -0.5 -1.0 +4.1 +5.0 +0.9

+2.8 0.0 4.7 3.6 4.1 4.6 5.1 0.0

23-21 16 11 10 Rock 12 15 22 23-25

+6.1 +5.3 -0.5 +0.6 0.0 +0.3 -0.6 +2.3 +3.6

3.3 4.1 1.9 8.2 9.1 9.1 10.0 7.1 5.8

25 18 12 10 13 15 19 23-25

Rock

+4.8 +4.1 -0.6 0.0 -0.1 -1.0 +2.9 +3.8

+1.0 +0.3 4.4 3.6 3.9 4.8 0.7

25 18 12 Rock 12 14 23-25

123031

T.P.	12.53	1240	80	2.04	1228.27
104				9.8	31.0
105				5.6	35.2

+ 98 ℄ 10" C.I.P. Culvert
Reqd 12" hillside

106				1.4	39.4
T.P.	10.71	1250	29	1.22	1239.58
107				8.5	41.8
108				6.0	44.3
T.P.	12.45	1259	74	3.00	1247.29
109				11.4	48.3
110				5.0	53.7

+2.0 +0.1 -0.9 -0.3 0.0 -0.3 -0.8 +1.2
7.8 9.7 10.7 10.1 9.8 10.1 10.6 8.6
25-17 14 11 9 11 14 12 25

+3.4 -0.4 -0.6 0.0 -0.4 -1.0 +0.3 +2.5
2.2 6.0 6.2 5.6 6.0 4.6 5.3 3.1
25-19 14 9 Rock 11 13 17 22-25

Rock

+0.7 -1.2 +0.5 0.0 0.6 -0.4 -1.6 -2.1
0.7 2.6 0.9 1.4 1.4 1.8 3.0 3.5
25-15 11-2 9 7 13 FL 25

5' Skew

9' × 13'

+0.3 -1.5 +0.2 -0.4 0.0 -0.3 -0.4 +0.1 -0.2 -0.6
0.8 2.6 0.9 1.5 1.1 1.4 1.5 1.0 1.3 1.7
25-15 11-8 6 11 14 15 23 25

0.0 -0.5 -0.8 -0.2 0.0 -0.3 -0.9 -0.1 +0.5
8.5 9.0 9.3 8.7 8.5 8.8 9.4 8.6 8.0
25-20 11 10 7 12 14 16 30

+2.0 +1.5 0.0 0.0 -0.3 +1.3
7.0 4.5 6.0 6.0 6.3 4.7
25 17 12 14 25

+4.4 +2.0 -0.9 +0.4 0.0 +0.2 -0.8 -0.2 +3.7 +4.1
7.0 9.4 12.3 11.5 11.4 11.2 12.2 11.6 7.7 7.3
25-18 14-12 8 6 10 12 14 19 25

+2.7 +2.4 +1.5 -1.1 -0.2 0.0 -0.4 -0.8 +1.6
3.2 3.6 4.5 7.1 6.2 6.0 6.4 6.8 4.4
25 17 13 7-6 4 11 13 19-25

1259.74

111			2.3	57.4	
B.M.		✓	3.24	1256.50	Nails W root 60" Elm 35' Rt, Sta. 110+25
T.P.	5.33	12.64	37	0.70	1257.04 ✓
112			4.6	59.8	
+50			4.1	60.3	
113			5.4	59.0	
114	℄ ℄ Stone Box		5.8	58.6	
	3' × 2½' Culvert				
	Good Cond. OK				
T.P. Temp B.M. ℄ Parapet			5.17	1259.20	
115			5.0	59.4	
+85			2.2	62.2	
116			2.3	62.1	

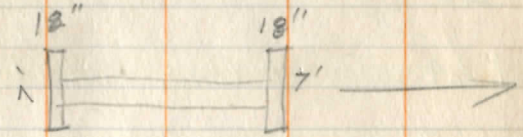
+1.5 +0.3 -0.5 0.0 -0.5 +0.4
0.8 2.0 2.8 2.3 2.8 1.9 ✓
2.5 12 11 16 20-25

+1.4 -0.2 -1.6 0.0 -0.3 -0.9 +0.4
3.2 4.8 5.6 4.6 4.9 5.5 4.2 ✓
25-23 10 9 13 15 19-25

+2.4 +1.3 -1.0 -0.4 0.0 -0.6 -0.5
1.7 2.8 5.1 4.5 4.1 4.7 4.6
2.5 14 10 7 16 2.5

+3.6 +1.1 +0.8 -1.4 -0.5 0.0 -1.2 +0.1 +0.2
1.8 4.3 4.6 4.8 5.9 5.4 6.0 5.3 5.6 ✓
25 18 16-14 11 8 15-17 19 25

-3.4 -3.8 +0.8 -0.2 0.0 +0.1 +0.6 -3.5 -4.0 ✓
9.2 9.6 5.0 4.0 5.7 5.7 5.2 9.3 9.8
25 FL, Par 14 12 Par, FL, 30



< 16' × 14' >

+3.0 +1.0 -1.1 -1.6 -0.9 0.0 -0.4 -1.5 -0.6 +0.4 +0.5
2.0 4.0 6.1 6.6 5.9 5.0 5.4 6.5 5.6 4.6 4.5
25-23 21 17 12 10 14 16 17 21 25

+1.9 +0.9 +0.2 0.0 -0.2 -0.0
0.3 1.3 2.0 2.2 2.4 2.2
25-21 19 16 14 25

+2.1 +1.4 +0.1 +0.2 -0.2 0.0 -0.4 -0.3
0.2 0.9 1.2 2.1 2.5 2.3 2.7 2.6 ✓
25-22 20 15 13 10 18 2

		1264 37		
117		2.3	62.1	
T.P.	0.79 1264 31	0.85	1263.52	
118		2.5	61.8	
119		5.5	58.8	
120		8.1	56.2	
121		8.9	55.4	
122		9.6	54.7	
+24	End of Con.	10.3	54.0	
B.M.		4.75	259.56	X on S.W. Cor. Con. Porch to Store.
+50		9.4	54.9	
123		10.0	54.3	
124		14.5	49.8	
T.P.	2.40 1255 49	11.22	1253.09	

+0.6 1.7 25 | -0.6 2.7 14 | -1.1 3.4 12-10 | -0.5 2.8 9 | 0.0 2.3 | -0.3 2.6 14 | -1.5 3.8 22-25

+1.4 1.1 25-23 Work | +0.6 1.9 14 | -1.3 3.8 12-11 | -0.4 2.9 7 | 0.0 2.5 | -0.3 2.8 8 | -1.2 3.7 18 | -1.6 4.1 25

+3.7 2.3 W26 | +1.7 3.8 15-13-12 | +0.1 5.4 | 0.0 5.5 | -0.3 5.8 16-19 | +0.7 4.8 21 | +1.1 5.4 25

+1.2 6.9 W26 | -0.5 8.4 22-18 | -0.9 9.3 17 | -0.1 8.2 10 | 0.0 8.1 | -1.0 9.1 16 | -0.7 8.8 17 | -0.3 8.4 25

-0.7 9.6 26 | -1.1 10.0 15 | -1.2 9.1 12 | 0.0 8.9 | -0.3 9.2 15 | -1.3 10.2 19 | -0.9 9.3 25

-0.3 9.9 W24 | -1.6 11.2 23 Work | -0.3 9.7 22 | +0.2 9.4 18 | 0.0 9.6 | -0.6 10.2 11-17 | -1.4 11.0 25

+0.5 8.9 25 | 0.0 9.4 | -1.1 10.5 25

+1.4 8.6 25 | +0.6 9.2 21 | 0.0 10.0 | -0.6 10.6 16 | 0.0 10.0 25

+2.0 12.5 25 | +0.3 14.2 14 | 0.0 14.5 | -0.1 14.6 12 | -1.1 15.6 18 | +0.1 14.7 25

1255 47

125			6.4	49.1
+08	& Stone Box Culvert Good Cond			1249.1
126			6.0	49.5
127			3.9	51.6
128			3.5	52.0
129			4.3	51.2
130			4.8	50.7
131			4.5	51.0
132			5.8	49.7
T.P.	1.72	1250 41	6.80	1248.69
133			6.5	43.9
134			4.8	40.5
			(9.9)	

6.4

-1.2 -0.6 0.0 0.0 -1.0 -3.6
7.6 7.0 6.4 6.4 7.4 10.0
11.25 9 13 17-8 19-25

44.9 -4.2 -0.6 0.0 0.0 -0.9 -5.1 -4.9
10.6 7.0 6.4 6.4 7.3 11.5 11.3
FL 11 13 18 FL, 25

12 × 18

13" Tile

+1.6 +1.1 -0.2 0.0 -0.6 -1.5 -0.8 0.0
4.4 4.9 6.2 6.0 6.6 7.5 2.8 6.0
24 16 9 14 16-19 20 25

+0.1 -1.3 -0.4 0.0 -0.5 -1.6 -0.6
3.8 5.2 4.3 3.9 4.4 5.5 4.5
25-20 11 9 15 17 15-5

+3.1 +1.4 -0.3 -1.2 -0.4 0.0 -0.3 -1.0 -0.6 -0.1
0.7 2.1 3.8 4.7 3.9 3.5 3.7 4.5 4.1 3.6
25 16 15-13 12 9 14 18 19 25

+1.8 +1.4 -0.6 0.0 -0.5 -1.5 -0.7 -0.5
2.5 2.9 4.9 4.3 4.8 5.8 5.0 4.8
25 19 13 15 15 20 25

+1.0 +0.1 -1.0 -0.3 0.0 -0.5 -1.6 -0.6 -1.6
3.2 4.7 5.8 5.1 4.8 5.3 6.4 5.7 6.4
25 15 13-9 8 14 17 18 25

+2.8 +1.8 -2.3 -0.2 0.0 -0.2 -1.4 +0.1 +1.4
1.7 2.7 6.8 4.7 4.5 4.7 5.9 4.4 3.1
25 21 14 7 14 17 20 25

+3.7 -2.2 -0.8 0.0 -0.3 -1.2 -0.3 +3.8
2.1 8.0 6.6 5.8 6.1 7.0 6.1 2.0
25 15 14 11 14 16 25

+3.0 +0.4 -0.5 -1.3 -0.2 0.0 -0.2 -1.2 -0.5 +2.9 +3.8
3.5 6.1 7.0 7.8 6.7 6.5 6.7 7.7 7.0 3.6 2.7
25 19 16 15 12 10 12 15 20 25

-2.0 -1.6 -0.7 0.0 -0.1 -1.1 -2.0
11.1 11.5 10.6 9.9 10.0 11.0 11.9
25 17 15 11 14 25

1250 41

Culvert

134+43	℄ Stone Box	10.0	40.4
	2×3 Box Con floor O.K.		
Temp B.M.		9.08	1241.33 ✓
135		10.8	39.6
136		7.7	42.5
137		5.4	45.0
+69	End of Survey.	8.4	42.0
		15.5	34.9

35.3
-5.1 / 15.1 / FL, 15
+0.9 / 9.1 / 15
-0.1 / 10.1 / +3.0
0.0 / 10.0
+0.6 / 9.4 / 14
-5.9 / 15.9 / FL.

< 15 × 15 >

+0.9 / 9.2 / 30
+0.4 / 10.4 / 21
-0.7 / 11.5 / 19
-1.0 / 11.8 / 13
-0.3 / 11.1 / 12
0.0 / 10.8
-0.2 / 11.0 / 11
-0.8 / 11.6 / 13-16
-0.6 / 11.4 / 17
✓ -1.5 / 12.3 / 25

+4.5 / 34 / 25
+3.8 / 41 / 20
+1.8 / 6.1 / 16
-1.0 / 8.9 / 11-9
-0.1 / 8.0 / 8
0.0 / 7.8
-0.3 / 8.2 / 12
-1.1 / 9.0 / 13-15
+1.4 / 6.5 / 19-25
✓

+3.9 / 1.5 / 25
+2.9 / 2.5 / 17
-0.7 / 6.1 / 12-10
-0.3 / 5.7 / 9
0.0 / 5.4
-0.3 / 5.7 / 12
-0.6 / 6.0 / 20
+0.5 / 4.9 / 25
✓

+3.5 / 4.9 / 25
+2.8 / 5.6 / 16
-0.3 / 8.7 / 12
0.0 / 8.4
-0.3 / 8.7 / 13
-0.6 / 9.0 / 15
+0.2 / 8.2 / 17
+1.6 / 6.8 / 25
✓

100' N. of end

Oct. 31, 1923 Marks
Snow Flurries Thompson

			1259.56
			1249.99
0.17	1259.73		1259.56
1.36	1258.90	8.19	1251.54
3.81	1247.98	9.73	1244.17
0.25	1246.08	2.13	1245.83
1.35	1236.27	11.16	1234.92
5.18	1241.18	0.27	1236.00
		0.54	1240.64
0.93	1229.13	12.98	1228.20
2.92	1229.27	2.38	1226.75
4.85	1233.42	0.70	1228.57
		5.32	1228.10
4.54	1234.06	3.90	1229.52
3.26	1225.68	11.64	1222.42
		2.71	1222.97
7.49	1231.23	6.94	1223.74
5.15	1236.18	0.20	1231.03
		1.27	1234.91
3.50	1234.09	5.59	1230.59
3.17	1240.62	1.64	1232.45
		2.00	1238.62
3.48	1243.72	0.38	1240.24
6.96	1249.68	1.00	1242.72
		3.16	1246.52
9.98	1256.13	0.53	1249.15

× on S.W. Cor. Porch to store, (N.W. Cor. of crossroads)
× on W. parapet, Culvert 100' N. of Huntsburg Montville Twp. line.

Spike, S.W. Root Maple, R. 137+69 11
Spike, N.W. " " R 147+65

Ref. Nail, E. side Trunk 36" Elm, R. 164+25

Spike, W. Root 15" Evergreen, R. 173+95 ✓
~~" " " 18" Cedar, R. 187+80~~ (N. Tree in row)
Spike, N. Root 18" Cedar, R 187+80.

Spike, N.W. Root Maple R. 202+20

Spike, N.E. Root 20" Maple L. 216+35
Bent Spike, E. Root 24" Maple, L 224+30 J. White's House
~~" Spike~~ ~~L 236+75~~
Spike, E. root 30" Elm L 238+75

~~Spike E. root 10" Maple~~
Spike, E root 10" Maple L 250+05

1258.13

0.22 1257.91
8.47 1249.66

Spike, E. Root 30" Maple, L. 255+60
x, N.W. Cor. W.H.W., 100' N. of Twp. Line
1249.99 as run from Montvill Center

Nov. 1, 1923
Fair - Cool

Marks
Gray
Thompson
} 1 day Chicken Dinner at D. Culbertson's.
22½ mi Auto, $1.50, Marks
$2.70 "

Sta.	B.S.	H.I.	F.S.	Elev.	
B.M.	1.40	1245.37		1244.17	
138			5.8	1239.8	
+60			10.1	1235.5	
139			13.6	1232.0	
	0.83	1233.65	12.73	1232.82	
140			4.9	1228.8	
+28			4.8	1228.9	
+38	Good Condition Stone Box	Good	2' wide at W. End 2½" " E.	1229.6 1224.2	
+48			5.5	1228.2	
141			5.3	1228.4	
141+50			3.9	1229.8	
	12.30	1245.95	0.00	1233.65	
142			12.6	1233.4	
+50			7.7	1238.3	
143			4.7	1241.3	
+70			2.0	1244.0	

R. 137 + 69.4

+4.6 +2.9 -0.5 -0.2 0.0 ~~+0.8 +2.7 +0.5~~ -0.3 -0.7 -0.5 +1.1 +1.4 +1.3
1.2 2.1 6.3 6.8 6.1 6.6 6.3 4.7 4.4 4.5
30 16 11 6 5.8 9 13 14 18.5 21 30

+6.0 +4.2 -0.7 -0.5 -0.1 0.0 -0.3 -0.6 -0.2 +4.8 +4.5
4.2 5.7 10.3 10.6 10.2 10.1 10.4 10.7 10.3 5.3 5.6
30 17.5 11.5 9 8 8 9 11 10 28

+3.2 +2.7 -0.6 -0.2 0.0 -0.3 -1.0 +2.7 +3.7 +5.0 +5.4
10.4 10.7 14.2 13.8 13.6 13.9 14.6 10.9 9.9 8.6 8.2
25 16 10 6 8 11 17.5 22 25 28

-1.2 -0.3 -0.8 -0.5 0.0 +0.1 -0.6 -1.0 -1.1 -2.6 -3.8
6.1 5.2 5.7 3.4 4.9 4.8 5.5 5.9 6.0 7.5 8.7
30 13.5 12.5 9 0 6 11 12.5 18.5 25 30

-3.0 -2.7 -1.8 -0.5 0.0 -0.2 -2.1 -2.5 -3.5 -2.6 -3.9 -4.2
7.8 7.5 6.6 5.3 4.8 5.0 6.9 7.3 8.3 7.4 8.2 9.0
30 25 18 11 0 9.5 13 17 18 19 25 30

-3.5 -4.6 -2.2 +0.2 0.0 -0.3 -2.6 -4.3 -4.6 -7.9 (ditch.
Swale 8.6 9.7 13 4.9 5.1 5.4 7.7 9.4 9.7 12.1
50 14 10. 28 100

-2.8 -2.9 -2.1 -1.1 -0.3 0.0 -0.1 -1.5 -2.1 -2.9 -2.6 -2.5 -4.1
8.3 8.4 7.6 6.6 5.8 5.5 5.6 7.0 7.6 8.4 8.1 9.0 9.6
30 23.5 22.5 18.5 11.5 10 11.5 16 18 18.5 24 30

-1.1 -1.6 -1.6 -0.4 0.0 -0.6 -1.1 -2.1 -2.9
6.4 6.9 6.9 5.7 5.3 5.9 6.4 7.4 8.2
35 30 20 8 11 19 25 30

+3.9 +3.1 -0.3 -0.3 -0.7 0.0 -0.3 -0.9 +0.7 +0.7
3.0 3.8 4.2 4.2 4.6 3.9 4.2 4.8 3.2 3.2
30 28 22 14 13 11 12 14 30

+7.4 +6.4 +3.9 +1.0 -0.7 -0.4 0.0 0.0 -0.1 0.0 +1.7 +2.1 +1.1
5.2 6.2 9.6 11.6 13.8 13.0 12.6 12.6 13.3 12.6 10.9 10.5 11.5
Trees 33 28 22 14 10.5 9 8 9 12 14.5 22 30

+7.2 +6.0 +3.0 +2.1 -0.6 -0.2 0.0 -0.3 -0.7 +2.2 +3.0 +3.5
0.5 1.1 3.9 6.6 8.3 7.7 9.7 8.0 8.4 5.5 4.7 4.2
Trees 35 28 18 14 12 7 7 11 16 22 Trees 30

+7.9 +8.3 +4.7 -0.6 -0.2 0.0 -0.3 -1.0 +1.8 +2.4 +2.1
+4.0 +3.6 0.0 5.3 4.9 4.7 5.0 5.7 2.9 2.3 2.6
33 28 22 12 8 0 5.5 10 14 19.5 25
Tr Tr

+7.8 +7.0 +2.8 -1.1 -0.4 0.0 +0.4 -1.2 +0.7 +1.5 +0.1
+5.3 +5.0 0.0 3.1 2.4 2.0 2.4 3.2 0.5 0.5 1.9
33 26 17.5 12 8 5.5 10 13.5 19 2.5
Tr Tr

		1.24595		
144			2.8	1243.2
+40				
+40			5.2	1240.8
145			8.9	1237.1
	3.46	1240.49	8.92	1237.03
+45			3.6	1236.9
+55	Stone Box Good		2½ span	1236.8 1232.0
+65			4.1	1236.4
146			4.1	1236.4
	12.36	1249.39	3.46	1237.03
147			9.6	1239.8
B.M.R. 147+60			3.57	1245.82 (1245.83)
+50			6.8	1242.6
148			4.8	1244.6
149			7.5	1241.9
150			9.4	1240.0
	6.24	1238.66	10.97	1238.42
151			3.2	1235.5

S.E. Cor. E.H.W. 145+55

		1238.66		
152			5.0	1233.7
+75			5.4	1233.3
+85	Stone Box Top Collapsing,	2½' Span unsafe.	1233.0	1229.9
153			5.5	1233.2
154			6.2	1232.5
155			4.2	1234.5
156			5.8	1232.9
157			11.2	1227.5
	3.01	1229.75	11.92	1226.74
158			4.8	1225.0
+36			4.7	1225.1
+46	Concrete Box Good Condition	25" Span		1225.1 1222.1
+56			4.9	1224.9
159			5.2	1224.6

+0.3 -0.2 -0.8 -0.7 -1.2 -1.3 +0.4 0.0 -0.3 -1.2 -1.1 -0.1 +0.5 +0.5
4.7 5.2 5.8 5.7 6.2 6.3 5.4 5.0 3.3 6.2 6.1 5.1 4.5 4.5
3327 23 16 14 12 9 5 9 13 14 20 25

-1.6 -2.2 -1.5 -0.2 0.0 -0.1 -1.9 -2.6 -2.8 -2.8
7.0 7.6 6.9 5.6 5.4 5.5 7.3 8.0 8.2 8.2
33 21 15 12 6 9 14 22 23

-1.7 -2.2 -3.3 -1.2 +1.2 0.0 0.0 +0.3 +0.1 -1.3 -2.9 -3.6 -4.0
7.4 7.9 9.0 6.9 4.5 5.7 5.7 5.4 4.6 7.0 8.6 9.3 9.7
60 32 15.0 13 4 6.0 25 50

-2.4 -2.6 -0.5 0.0 0.0 -0.1 -2.4 -2.5 -3.0 -2.5 -3.1 -3.1
7.9 8.1 6.0 5.5 5.5 5.6 7.9 8.0 8.5 8.0 8.6 8.6
33 19 12.5 6 5 8 11 13 14 25 30

+2.1 +1.1 -0.8 -1.0 -1.4 -1.4 -0.7 -0.1 0.0 -0.4 -1.1 -0.6 -0.3 -0.9
4.1 5.1 7.0 7.2 7.6 7.6 6.9 6.3 6.2 6.6 7.3 6.8 6.5 7.1
33 25 21 17 16 14 12 8 6 10 12 17 30

+3.0 +0.1 -0.5 -0.1 0.0 -0.3 -0.8 -0.6 -0.3 -0.2
4.2 4.1 4.7 4.3 4.2 4.5 5.0 4.8 4.5 4.4
53 15 14 9 10 13 17 25 30

+3.9 +3.1 -0.7 +0.2 0.0 -0.3 -0.7 +0.3 +0.3 +0.5
1.9 2.7 6.5 5.6 5.8 6.1 6.5 5.5 5.5 5.3
Tr. 31 25 14 12 10 12.5 15 22 28 Tr.

+5.5 +4.3 +1.2 -0.4 0.0 0.0 -0.4 -1.2 +1.8 +2.1
5.7 7.0 10.0 11.6 11.2 11.2 11.6 12.4 9.4 9.1
Tr. 31 24 16 11 6 9 13 18 26 Tr.

+0.3 -0.6 -0.6 -1.0 0.0 0.0 -0.7 -1.5 -1.0 -2.7
4.5 5.4 5.4 5.8 4.8 4.8 5.0 6.3 5.8 7.5
Tr. 31 23 14 13 8 6 10 14 16 28 Tr.

-0.3 -1.6 -1.6 -2.0 -0.2 0.0 0.0 -2.8 -2.2 -3.9
5.0 6.3 6.3 6.7 4.9 4.7 4.7 7.5 6.9 8.6
Tr. 30 21 18 16 8 11 18 19 28

-1.3 -2.1 -2.8 -1.7 +0.8 0.0 0.0 +0.2 +0.7 -1.8 -3.1 -5.8 -8.0
Valley, 6.0 6.8 7.5 - 6.4 - 3.9 4.7 4.7 4.5 4.0 - 6.5 - 7.8 10.3 12.7
No Ditch 30 17 9.2 7.5 11 12.6 28 7.5 Ditch

+0.1 -1.1 -1.7 -2.0 -0.3 0.0 0.0 -2.9 -3.5
4.8 6.0 6.6 6.9 5.2 4.9 4.9 7.8 8.4
Tr. 30 21 19 14 7 11 20 27 Tr.

+3.7 +3.0 -1.5 -1.5 -0.2 0.0 -0.2 -0.5 -0.6 -1.8 -3.5
1.5 2.2 6.7 6.7 5.4 5.2 5.4 5.7 6.8 7.0 8.7
Tr. 29 22 14 8 4 5 10 14 18 27 Tr.

		1229.75			
159+75			5.4	1224.3	
160			6.1	1223.7	
+68			6.5	1223.3	
+78	Stone Box, 2½' ± Span. Poor Condition, sides & Top pushing in		1223.4 1218.9		
+88			6.3	1223.5	
161			6.1	1223.7	
	12.35	1237.41	4.69	1225.06	+0.9
162			12.0	1225.4	
163			4.3	1233.1	
	6.82	1241.99	2.24	1235.17	
+65			5.3	1236.7	
164			6.6	1235.4	
B.M. Left 164+25			1.32	1240.67	(1240.64)

+7.4 +6.6 -1.0 -0.1 0.0 +0.4 -0.1 -1.4 -0.9 -1.1
+2.0 +1.2 6.4 5.5 5.4 5.0 5.5 6.8 6.3 6.5
Tr. 28.5 19 7.5 3 6 11 17 18 28 Tr.

+7.6 +7.1 -0.9 -1.2 -0.2 0.0 +0.4 -0.3 -1.2 -1.5 -1.1 -1.0 -2.0
+1.5 +1.0 7.0 7.3 6.3 6.1 5.7 6.4 7.3 7.6 7.2 7.1 8.1
Tr. 29 21 8 6 3 6 12 15 18 20 24 28 Tr.

-1.5 -3.0 -2.0 -0.1 0.0 +0.2 -2.7 -4.2
8.0 7.5 8.5 6.6 6.5 4.7 9.2 10.7
Tree 27.5 16 11 5 13.5 19 30

-3.2 -4.2 -1.5 +1.1 -0.1 0.0 +0.1 +0.8 -1.9 -4.7 -5.1 -7.4
9.6 10.6 7.9 -5.3 6.5 6.4 6.3 5.6 8.3 11.1 11.5 13.8
27 20 7 13 15.1 30 8.5

-3.1 -3.4 -3.4 -1.9 -0.1 0.0 -0.2 -1.4 -2.5 -2.4
9.4 8.9 8.7 8.2 6.4 6.3 6.5 7.7 8.8 8.7
27 24 16 13 6 14 16 20 27 Tr.

-2.9 -2.3 -1.7 -1.7 0.0 0.0 -0.1 -1.1 -1.8 -1.7
9.0 8.4 8.0 7.9 6.1 6.1 6.2 7.2 8.0 7.8
27 24 16 13 6 14 16 20 27

+4.3 +4.7 +4.5 +4.4 0.0 -0.5 -0.2 0.0 0.0 -0.2 -0.2 +4.5 +5.2
10.7 10.3 10.5 11.6 12.0 12.5 12.2 12.0 12.0 12.2 12.2 7.5 6.8
24 22 20 15 12.5 10 5 9 12 18 27 31

+2.8 +3.1 +1.6 +0.4 0.0 +0.3 -0.2 +3.3 +3.7 +4.0
4.5 4.2 2.7 4.4 4.3 4.0 4.5 1.0 0.6 0.3
Tr. 26.5 21 12 9 11 15 19 25 30

+3.6 +3.8 +2.5 +0.3 0.0 -0.1 +2.0 +2.1 +2.0
1.7 1.0 2.8 5.0 5.3 5.4 3.3 3.2 3.3
26 18 11.5 7 16 23 27 30

+3.8 +3.6 +1.7 +0.7 +0.2 0.0 +0.1 +0.4 +1.9
2.8 3.0 4.9 5.9 6.4 6.6 6.5 6.7 4.7
30 19 10 6 4.5 12 15 30

~~T24 — B~~

Nov. 2, 1923, Fair, Cool. Marks, Thompson, Gray. } 1 day

Exp., Marks, Dinners, 1.50
Auto, 22½ mi., 2.70

	0.38	1.41	.02	1240.4
164+70			11.7	1229.3
165			13.1	1227.9
	0.30	1228.90	12.42	1228.60
166			4.1	1224.8
167			7.5	1221.4
168			10.3	1218.6
	2.89	1220.65	11.11	1217.79
169			6.6	1214.1
170			7.2	1213.5
			6.8	1213.7
171			6.0	1214.7
	10.13	1229.98	0.80	1219.85
172			11.4	1218.6
			7.3	1222.7
			5.4	1224.6

+4.0 7.7 Tr. 23

2½' x 3' Stone Box, Foot 15" Wide at W. End
+06.5 Walls Shaved Together in Center, 1213.8 1208.8

+15

T.75 ℄ Cross Roads

B.M. ℄ 164+70 Tr. 23

+3.7 +2.7 +2.1 +0.6 +0.2 -0.3 0.0 0.0 -0.3 +1.4 +3.6
3.0 7.0 7.6 11.1 11.5 11.7 11.7 12.0 10.3 8.1
14 12 9 6.5 4.5 17 19 22 31

+3.2 +2.4 0.0 -0.6 0.0 +0.2 -0.5 +0.1 +0.9 +1.6
9.9 10.7 13.1 13.7 13.1 12.9 13.6 13.0 12.2 11.5
Tr. 2 2 12 7 4 13 19 19.5 25 30

+0.6 +0.1 -0.4 -0.9 +0.2 0.0 +0.3 -0.1 -1.0 -0.4 -0.8 -0.8
3.5 4.0 4.5 3.0 3.9 4.1 5.8 4.2 5.1 4.5 4.9 4.7
Tr. 23 18.5 6 5 2 13 18 21 22 25 30
Fence

+3.0 +3.0 +1.8 +0.8 +0.1 -0.6 0.0 0.0 +0.2 +0.4 +0.5 +0.6 +0.5
4.5 2.5 2.0 6.7 7.4 6.1 7.5 7.5 7.3 7.9 7.0 6.9 7.0
20 12.5 10 7 5 4 2 13 19 22 25 30
Tr.

+5.0 +4.3 -0.8 -1.5 -0.2 0.0 +0.8 -0.9 -1.5 +2.1 +3.1
5.3 6.0 11.1 11.8 10.5 10.3 11.1 11.2 11.8 8.2 7.2
20 14 6 4 2 9 16 17 22 30
Tr.

+3.7 +2.8 -0.4 0.0 +0.1 +0.1 -0.4 0.0 +1.4 +1.6
2.9 5.8 7.0 6.6 6.5 6.5 7.0 6.6 5.2 5.0
Tr. 20 6 9 7 16 19 20 25 30

-3.2 -4.1 -3.0 -2.5 -0.2 0.0 0.0 -1.2 -3.2 -2.2 -2.9
9.4 8.9 10.2 9.7 7.4 7.2 7.2 8.4 10.4 9.4 10.1
21 11 8 5 3 16 28 24 27 31

-1.7 -4.3 -4.8 -2.1 +0.2 0.0 -0.2 -2.5 -5.2 -5.4 -7.3
8.6 11.2 11.7 9.0 6.7 6.9 7.1 9.4 12.4 12.3 14.2
100 20 5 1 7.6 35 100

-2.2 -1.7 -1.4 -3.2 -2.0 -0.2 0.0 +0.3 -0.1 -1.6 -3.5 -2.4 -3.2
9.0 8.5 8.2 10.0 8.8 7.0 6.8 6.5 6.9 8.4 10.3 9.2 10.0
30 21 14 12 10 2 7 17 20 25 27 32

+4.0 +3.8 +3.2 -0.4 -0.6 -0.1 0.0 +0.1 -0.4 -0.9 +0.6 +1.4 +2.0
2.0 2.2 2.8 6.2 6.6 6.1 6.0 5.9 6.4 6.9 5.4 4.6 4.0
30 22 20 13 7 5 7 16 25 22 35 33 Fence

+6.2 +6.6 +6.4 -0.4 +1.0 -0.4 0.0 -0.1 -0.3 -0.8 +4.4 +4.7 +5.0
4.5 4.8 5.0 11.8 12.4 11.8 11.4 11.5 11.7 12.2 7.0 6.7 6.4
38 24 19 8 6 5 7 15 16 25 30 34 Fence

+6.0 +5.5 +0.9 0.0 +0.3 -0.9 +1.5 +1.8
1.3 1.8 6.4 7.3 7.6 8.2 5.8 5.5
30 21 9 13 19 26 39

+10.2 +7.2 +5.4 +2.7 0.0 -0.7 -0.4 -0.3 +0.4 +0.6 -0.9
+4.8 +1.8 0.0 2.7 5.4 6.1 5.8 5.7 5.0 4.8 6.3
150 100 50 19 12 32 50 100 150 200

		1227.98		
173		4.1	1225.9	
174		1.9	1228.1	
B.M. R.173+0.5		3.22	1226.76	1226.1
175		4.7	1225.3	
~~175~~	2.95 1227.56	5.43	1224.55	
176		3.7	1223.8	
+50		5.8	1221.7	
177		9.9	1217.6	
+25		11.8	1215.7	
+50		13.0	1214.5	
	1.85 1217.25	12.10	1215.40	
178		4.3	1213.0	
+57.5				
~~+64~~				
+67.5	stone Box Fair	W. End	18"	1212.1
		E. End	30"	1207.8
+77.5		5.4	1211.9	
		4.45	1212.80	
179		5.3	1212.0	
180		2.6	1214.7	
	11.79 1226.30	0.74	1216.51	

+5.1 +4.6 0.0
+1.0 +0.5 4.13 0.0 -0.7 -0.3
30 T.P. 4.1 4.8 4.4
0 30 35 Treeline

+3.1 +2.9 +2.3 -1.2 -0.3 0.0 -0.4 -1.3 -1.1 -1.5
+1.2 +1.0 +0.4 3.1 2.2 1.9 2.3 3.2 3.0 3.4
30 21 17 10.5 7 9 18 25 32 Tr.

+4.7 +4.0 +3.1 -0.7 -0.3 0.0 +0.1 -0.5 0.0 -0.2 -0.5
0.0 0.7 1.6 5.4 5.0 4.7 4.6 5.2 4.7 4.9 5.2
30 21 17.5 14 7 8 18 19 25 30

+1.3 +1.3 +0.6 -1.4 -0.3 0.0 -0.1 -1.0 -0.1 +0.9 +1.0
2.4 2.4 3.1 5.1 4.0 3.7 3.8 4.7 3.8 2.8 2.7
30 21 13.5 10 6.5 7 16 19 25 29

+7.4 Tr. +7.4 +6.3 -0.7 -0.1 0.0 0.0 -0.5 +5.4 +5.9
2.5 2.5 3.6 10.6 10.0 9.9 9.9 10.4 5.5 5.0
30 22 17 8 5 13 15 25 31
Tr.

-0.5 -1.2 -0.9 -1.2 -0.6 0.0 +0.2 -0.8 -0.7 -2.6 -3.4
6.8 5.5 5.2 5.5 4.9 4.3 4.1 5.1 5.0 6.9 7.7
30 24 22 11 7 6 6 14 18 25 29
Tr.

Same as +77.5

-1.9 -4.8 -1.8 -0.8 -0.1 0.0 +0.2 +0.6 -2.0 -4.8 -5.9 -6.3
7.1 20 20 5.3 5.2 5.0 4.6 7.2 10.0 11.1 11.3
Swale 50 12.5 14.5 27 73

-2.7 -1.6 -1.0 -0.4 0.0 0.0 -0.9 -2.3
8.1 7.8 6.4 5.8 5.9 5.4 6.3 7.7
30 26 21 8 6 15 16 30

N.W. cor. W. H. W.

-1.4 -1.1 -0.4 -0.6 0.0 -0.2 -0.8 -0.5 -1.2 -0.7
6.7 6.4 5.7 5.7 5.3 5.5 6.1 5.8 6.5 6.0
30 23 14 8 7 12 16 17 25 30

+0.8 +0.5 +0.8 -0.1 -0.8 0.0 +0.1 -0.2 -1.0 -0.6 -0.2 +1.9 +3.0
1.8 1.1 1.8 2.7 3.4 3.6 2.5 2.8 3.6 3.2 2.8 0.7 +0.7
30 22 11.5 10.5 7 6 11 14 16 18 22 28
Tr.

1228.30

181			6.6	1221.7
	6.95	1234.35	0.90	1227.40
+60			6.9	1227.4
+80			5.3	1229.0
182			5.1	1229.2
183			10.6	1223.7
	1.36	1223.23	12.48	1221.87
184			4.2	1219.0
185			6.3	1216.9
+33				
~~+43~~				
+43	Stone Box Fair	W. End, 2¼' span E. " 3½' "		1217.1 1212.8
+53			6.1	1217.1
186			5.9	1217.3
	8.87	1230.50	1.60	1221.63
187			8.6	1221.9
+40			5.8	1224.7

+4.2 +3.7 −0.6 0.0 0.0 −0.6 +3.6 +4.3
2.4 2.9 7.2 6.6 6.6 7.2 3.0 2.3
Tr. 29.5 15 8 6 14 22 26 Tr.

+4.4 +3.9 +0.8 −0.6 0.0 +0.1 +0.4 +3.1 +3.5
2.5 3.0 6.1 7.5 6.9 6.8 7.3 3.8 3.4
Tr. 29 14 11 7 11 15 19.5 26 Tr.

+2.9 +2.2 −0.4 0.0 0.0 −0.6 +3.5 +3.7
3.4 3.1 5.7 5.3 5.3 5.9 1.8 1.6
Tr. 30.5 17 7 6 15 23 28

+2.0 +0.0 +0.0 −0.4 −0.8 +0.3 +2.1 +3.0
3.0 5.0 5.0 5.1 5.8 4.7 2.9 2.0
31 11 9 16 18.5 22 28 Tr.

+2.7 +2.6 −1.0 −0.5 0.0 0.0 −0.4 −1.0 +0.1 +4.1 +4.3
7.9 8.0 11.6 11.1 10.6 10.6 11.0 11.6 10.5 6.5 6.3
Tr. 25.5 17 10 7 10 14 15.5 17 23 27 Tr.

+3.1 +2.5 +0.3 +0.0 −1.0 −0.4 0.0 +0.1 −0.1 −0.7 +0.1 +0.4 +1.8 +2.2
1.1 1.7 3.9 5.2 5.1 4.6 4.2 4.1 4.3 4.9 4.1 3.8 2.4 2.0
Tr. 27 20 15 9 6 5.5 8 12 16 17 23 27.5 31 Tr.

−0.9 −1.1 −0.4 −0.6 0.0 +0.3 −0.1 −0.7 −0.7 −1.9 −2.4
7.2 7.4 6.7 6.9 6.3 6.0 7.0 7.0 8.2 8.7
30 18 9 8 8 16 17-20 27 30

Same as +53

−2.4 −2.9 −4.4 −2.2 +0.5 −0.1 0.0
6.5 9.0 10.5 8.3 5.6 6.2 6.1
50 25 9.6 8

+0.1 −2.4 −4.2 −5.3
6.0 8.5 10.3 11.4
14.3 60

−2.4 −1.5 −3.0 −0.2 0.0 −0.2 −2.6 −2.0 −2.8 −3.0
8.5 7.6 9.1 6.3 6.1 6.3 8.7 8.1 8.9 9.1
36 24 15 13 7 14 20 23 28 30

−1.4 −0.3 −0.7 0.0 0.0 −0.6 −0.3 −1.7 −1.4
7.3 6.2 6.6 5.9 5.9 6.5 6.2 7.6 7.3
30 11 9 9 14 18 25 30

+5.1 +4.2 0.0 −0.3 −1.3 −1.3 −0.4 0.0 +0.4 −0.3 +2.3 +4.2 +5.5
3.5 4.5 8.6 8.9 9.9 9.9 8.7 8.6 8.2 8.9 6.3 4.4 1.1
30 24 18 12 11.5 9 8 12 14 20 26 33

+3.3 +2.8 −1.0 +0.2 −1.7 −0.4 0.0 +0.2 −0.6 −0.2 +1.6 +2.7 +4.2
2.5 3.0 6.8 5.6 7.5 6.2 5.8 5.6 6.4 6.0 4.2 3.1 1.6
30 24 19-17 K=14 11.5 7 12 14 16 18.5 25 30

		1230.50			
			2.42	1228.08	1228.10
188			4.0	1226.5	
189			3.8	1226.7	
	8.52	1236.87	2.15	1228.35	
190			8.7	1228.2	
191			7.6	1229.3	
+45			7.6	1229.3	
192			7.7	1229.2	
193			6.8	1230.1	
194			4.5	1232.4	
+25			4.2	1232.7	
195			9.3	1227.6	
	0.74	1225.14	12.47	1224.40	
196			4.7	1220.4	
197			9.2	1215.9	
	4.30	1219.16	10.38	1214.76	

B.M.R. 187+80

-0.5 -0.5 -1.3 -0.5 0.0 -0.2 -1.1 -0.4
4.5 4.5 5.3 4.5 4.0 4.2 5.1 4.4
30 16.5 10 6 8 16 30

+1.7 +1.0 -0.2 -0.5 -1.0 0.0 -0.1 -1.7 -0.9 -1.5
2.1 2.8 4.0 4.3 4.8 3.8 3.9 5.0 4.7 5.3
30 23 19 10 9 8 17 18 21 30

+3.1 +1.8 -0.3 -0.8 -1.3 -0.5 0.0 +0.3 -0.2 -1.0 +0.1 +0.8
5.6 6.9 9.0 9.5 10.0 9.2 8.7 8.4 8.9 9.7 8.6 7.9
30 18 15 11 10 8 6 12 17 20 30

+2.3 +0.2 -1.2 -0.5 0.0 +0.1 -0.6 -1.0 +0.1 +1.4 +1.8
5.3 7.4 8.8 8.1 7.6 7.5 8.2 8.6 7.5 6.2 5.8
30 18 12 9 6 13 16 22 27 30

+2.9 +1.1 -0.1 -0.3 -1.0 0.0 -0.2 -0.9 -0.3 -0.4 +1.6 +2.1
4.7 6.5 7.7 7.9 8.6 7.6 7.8 8.5 7.9 8.0 6.0 5.5
30 18 16 13 11 11 17 18 21.5 25 30

+3.1 +2.3 -0.6 -0.3 0.0 -0.1 -0.8 -0.1 -1.6
4.6 5.4 8.3 8.0 7.7 7.8 8.5 7.8 9.3
30 23 11 9 9 16 18 30

+1.4 -0.3 -0.9 0.0 +0.1 -0.7 +0.3
5.4 7.1 7.7 6.8 6.7 7.5 6.5
30 17 11 6 16 30

+2.6 +2.6 +0.3 -0.1 -0.8 0.0 -0.1 -0.5 +2.0 +2.1
1.9 1.9 4.2 4.6 5.3 4.5 4.6 5.0 2.5 2.4
30 22 15 12 11 11 16 22 28 Tr

+3.4 +3.0 +0.2 -0.1 -1.0 -0.3 0.0 -0.3 -0.7 +1.4 +2.0 +2.0
0.8 1.2 4.0 4.3 5.2 4.5 4.2 4.5 4.9 2.8 2.2 2.2
30 21 13 12 11 8 13 16 20 23 28 Tr

+3.8 +3.5 +0.4 -0.5 -0.1 0.0 -0.3 +1.0 +3.6 +3.5
5.5 5.8 8.9 9.8 9.4 9.3 9.6 8.3 5.7 5.8
Tr 24.5 21 11 10 7 15 16 23 29 Tr

+4.7 +4.3 -0.8 -0.1 0.0 +0.1 -0.3 -0.8 +3.2 +4.4
0.0 0.4 5.5 4.8 4.7 4.6 5.0 5.5 1.5 0.3
30- 25 20 10 6 5 13 15 22 26 Tr

+1.4 +1.9 -0.6 +0.1 -0.3 0.0 +0.1 -0.4 -1.1 -0.3 -0.3 +1.9
7.8 7.3 9.8 9.1 9.5 9.2 9.1 9.6 10.3 9.5 9.5 7.3
30 25 17 8 7 4 12 14 16 19 31

N.E. cor. E.-A.W. 197+80

1219.06

197+60

+80 Stone Box E. End 2½ Wide 1215.0
Walls Starting to cave W. " 1½ " 1210.5

198 4.7 1214.4

T.P. on Cen. HW 8.23 1222.99 1214.76

198+50 8.8 1214.2

+70 8.5 1214.5

199 7.0 1216.0

200 2.1 1220.9

3.70 1226.36 0.33 1222.66

201 3.4 1223.0

+80 2.7 1223.7

202 3.0 1223.4

B.M. R-202+20 3.42 1222.94 1222.97

203 4.4 1222.0

204 5.7 1220.7

Sample 198+00

-3.1 -4.6 -2.1 +0.1 0.0 -0.2 -2.3 -4.4 -4.3 -6.4
7.2 8.7 4.2 4.0 4.1 4.3 6.1 8.5 8.4 10.5
Swale 24 3.2 15.3 23 50

-2.5 -0.0 -0.0 +0.2 -0.4 -0.8 -2.0 -1.4 -2.3
7.2 4.7 4.7 4.5 4.8 5.5 6.7 6.1 7.0
30 8 3 8 16 20 21.23 25 30

Nov. 3, 1923. Marks, Grau, Thompson } 1 Day, Exp. Marks, Dinner, 1.50 Auto, 25 M# 3.00
Fair.

+1.1 -0.6 0.0 -0.5 0.0 +0.3 -0.4 -0.2 -0.1
7.7 8.4 6.8 7.3 8.8 8.5 9.2 9.0 8.7
30 23 15 8 6 8 22 24 30

+3.6 +4.1 +4.3 +1.7 -0.1 -0.5 -0.1 0.0 +0.2 -0.2 +4.2 +4.4
7.8 4.3 4.1 6.7 6.5 8.9 8.5 8.4 8.2 8.6 4.2 4.0
30 25 20 16 9 8 5 10 21 27 31

+4.3 +5.4 +4.9 -0.4 +0.2 0.0 -0.2 -0.9 0.0 +4.5 +4.8
2.7 1.6 2.1 7.4 6.6 7.0 7.2 7.9 7.0 2.5 2.2
30 23 19 7-7 6 16 18 20 27 32
Tr

+1.8 +1.3 -0.1 -0.6 -0.2 0.0 0.0 -0.6 -1.1 -0.6 -0.2
6.8 2.2 2.7 2.3 2.1 2.1 2.4 3.2 2.7 2.3
30 22 11 10 8 7 16 18 20 30
Tr

+1.5 +1.5 +0.5 -1.2 -0.1 0.0 0.0 -0.8 -1.1 -0.6 -1.5
1.9 1.9 2.9 4.6 3.5 3.4 3.4 4.2 4.5 4.0 4.9
30 23 16 9 6 7 18.5 18.5 21 30
Tr

+1.2 +1.2 +1.8 +1.5 +1.3 -0.3 0.0 +0.6 -0.1 -0.8 -0.3 0.0
1.8 1.5 0.7 1.2 4.0 3.0 2.7 2.1 2.8 5.5 3.0 2.7
30 24 12 15 9 5 8 19 21 22 30
Tr

+1.3 +1.3 +1.0 -1.2 -0.3 0.0 +0.4 -0.3 -1.0 -0.4 -0.4
1.7 1.7 2.0 4.2 3.3 3.0 2.6 3.3 4.0 3.4 3.4
30 14 14 8.5 6 8 19 21 22 28
Tr

+1.1 +0.9 -0.2 -0.8 -1.2 -0.3 0.0 0.0 -0.5 -1.4 -1.2 -0.7
3.3 3.5 4.1 5.2 5.6 4.7 4.4 4.4 4.9 5.8 5.6 5.1
30 24 16 10 8-6 4.5 9 18 20.5 21 30
Tr

+2.9 +2.4 +1.4 -0.4 -1.1 -0.4 0.0 +0.2 -0.6 -1.4 -1.1 -0.6
2.8 3.3 4.3 6.1 6.8 4.1 5.7 5.5 6.3 7.1 6.8 6.3
30 15.16 11 7-5 4 9 18 21 22 31
Tr

1226.36

205 — 7.6 — 1218.8

206 — 6.9 — 1219.5

11.81 — 1231.09 — 7.08 — 1219.28

Stone Box — Span, E End 2'9" — 1219.5

+05.5 Face, 2 legs Broken — " W. " 2'5" — 1215.7

+15

207 — 11.9 — 1219.2

208 — 9.1 — 1222.0

209 — 6.1 — 1225.0

210 — 3.8 — 1227.3

+75 — 1.6 — 1229.5

211 — 1.7 — 1229.4

212 — 2.8 — 1228.3

7.02 — 1235.25 — 2.86 — 1228.23

213 — 7.4 — 1227.8

213+07.6 12" Sec. C.I. — 7.3 — 1227.9

9.7 — 1225.5

213-15

+1.6 +1.1 +1.3 -0.4 -0.9 -0.2 0.0 +0.3 -0.2 -0.9 -0.5 -0.5 +0.2

-2.1 -2.1 -2.2 -3.0 -2.5 -0.2 0.0 -0.4 -3.0 -2.2 -2.4

-2.5 -3.8 +1.2 -0.3 +0.0 -0.3 -1.3 -3.8 -3.9

Same as 206+00

+1.0 +1.0 +0.5 -0.1 -0.0 0.6 +0.7 -0.1 -1.3 -0.2 -0.2

+2.0 +1.1 +2.6 +2.4 +0.5 -0.2 0.0 0.0 -0.6 +0.4 +1.8 +1.6

+1.5 +1.2 0.0 -0.2 -0.9 -0.3 0.0 0.0 -0.2 -0.6 +1.2 +1.1

+2.0 +1.7 +0.3 -0.7 -0.1 0.0 +0.1 -0.5 0.0

+3.6 +2.3 -0.8 -0.9 -1.4 -0.5 0.0 0.0 -0.5 -1.2 -0.7 -1.3

+1.7 +1.6 +1.5 -0.5 -1.3 -0.3 0.0 +0.1 -0.5 -1.0 -0.5 -0.3 -0.6

+1.7 +1.5 -0.7 -1.2 -0.5 0.0 -0.6 -1.2 -0.8 -0.3 -0.4

Brush

-0.2 -0.2 -1.0 -2.0 -1.0 0.0 0.0 -0.1 -1.8 -2.0 -1.2 -2.1 -2.5

-0.3 -0.7 -2.1 0.0 0.0 -0.3 -2.7 -3.1 -4.7

Same as 213+00

	1235.25			
214			6.9	1228.3
215			4.7	1230.6
+60			3.8	1231.4
216			3.7	1231.5
B.M. L. 216+	1.07	1236.00	0.32	1234.93 (1234.9)
217			7.0	1229.0
+60			7.2	1228.8
+70	34" Concrete Box Good Condition		7.3 11.1	1228.7 1224.9
+80			7.2	1228.8
218			7.3	1228.7
219			6.5	1229.5
220			4.0	1232.0
221			2.7	1233.3
+60			1.8	1234.2

+2.3 +2.3 +2.0 -0.1 -0.4 -1.0 -0.5 0.0 +0.1 -0.4 -0.9 -0.3 +0.2 +0.5
4.6 4.6 4.9 7.0 7.3 7.9 7.4 6.9 6.8 7.3 7.8 7.2 6.7 6.4
30 25 20 14 11 10 8 5 13 15 16 19 30

+0.6 +0.1 -0.7 -0.2 0.0 -0.3 -0.8 -0.3 -0.3
4.1 4.6 5.4 4.9 4.7 5.0 5.5 5.0 5.0
30 13 12 10 13 14 15 30

0.0 -0.2 -0.6 0.0 -0.3 -0.9 -0.4 +0.3 -0.6
3.8 4.0 4.9 3.8 4.1 4.7 4.2 3.5 4.4
30 14 11.5 12 13 14 23 30

+2.7 +2.2 +1.4 -0.1 0.0 -0.2 -0.5 +0.5 +1.5 +1.7
10 1.5 2.3 3.8 3.7 3.9 4.2 3.2 2.2 2.0
30 21.5 16 11.5 12 13.5 16 25 30 Barn

+3.0 +2.5 -0.2 -0.6 0.0 0.0 -0.4 -0.5 -0.4 -1.4
4.0 4.5 7.2 7.6 7.0 7.0 7.4 7.8 7.4 8.4
30 25 19 14.5 11 12 13 14 30

Same as +80

-2.9 -3.9 -1.65 +0.2 0.0 -0.15 -2.07 -3.7 -3.7 -4.6
10.2 11.2 8.95 7.10 7.3 7.55 9.37 11.0 11.9
25 10.9 11.7 25 50

-2.0 -1.2 -0.2 0.0 -0.2 -1.7 -2.2 -2.3 -2.3
9.2 8.4 7.4 7.2 7.4 8.9 9.4 9.5 9.6
30 12 9 11.5 15.5 17 26 30

-0.7 -0.7 -1.1 -0.5 -1.1 -0.4 0.0 -0.7 -1.3 -0.7 -1.3 -1.8
8.0 8.0 8.9 7.8 8.4 7.7 7.3 8.0 8.6 8.0 8.6 9.1
30 25 22 11.5 11 9 12 13 14 19 30

+1.6 +0.7 -0.2 -0.8 -0.4 0.0 -0.2 -0.6 0.0 +0.7 +0.9
4.9 5.8 6.7 7.3 6.9 6.5 6.7 7.1 6.5 5.8 5.6
30-26 19 14 11 10 10 12 13 18 30

+1.6 +0.8 -0.4 -1.0 -0.4 0.0 -0.5 -0.8 -0.5 -0.1 -0.4
2.4 3.2 4.4 5.0 4.4 4.0 4.5 4.8 4.5 4.1 4.4
30 17 15-13 12.5 11 10 11.5 12 17 30

+1.6 +0.4 -0.5 -0.1 0.0 -0.1 +0.5 +1.1
1.1 2.3 3.2 2.8 2.7 2.8 2.2 1.6
30 14 13 12 12 13 30

+1.8 -0.1 -0.4 0.0 -0.5 +0.1 +0.8 +1.2
0.0 1.9 2.2 1.8 2.3 1.7 1.0 0.6
30 14 13 12.5 14 18 30

		1236.00		
222		2.5	1233.5	
223		3.3	1232.7	
	3.89 1236.93	2.96	1233.04	
+13	℄ Cross Roads	4.5	1232.4	
224		6.7	1230.2	
B.M. 2, 224+	3.95 1234.56	6.32	1230.61	1230.59
225		5.8	1228.8	
+27	18"x12" Plank Culvert, Unserviceable			1228.7 1226.2
+50		6.0	1228.6	
226		5.5	1229.1	
227		8.5	1226.1	
228		9.7	1224.9	
+30		9.5	1225.1	
+40	Stone Box E.End 2'8" Wide Good W.End 2'8"			1225.1 1221.6
		9.5	1225.1	
+50			1225.1	

+1.0 +0.9 +0.1 -0.6 -0.2 0.0 -0.7 0.0 +0.7 +1.4
1.5 1.6 2.4 3.1 2.7 2.5 3.2 2.5 1.8 1.1
30 18 14 13 12 11 12 15 30

+0.8 -0.2 +1.2 +0.3 0.0 -0.4 -0.1 -0.1
2.5 3.5 2.1 3.0 3.3 3.7 3.5 3.4
30 22 17 13 15 25 30

+6.0 +2.5 0.0 0.0 +1.1 +3.9 +1.9
+1.5 2.0 4.5 4.5 3.4 0.6 2.6
200 100 26 100 200 300

+2.9 +2.2 0.0 -0.8 -0.2 0.0 -0.5 -1.7 -1.1 +1.2 +1.7 +2.5
3.8 4.5 6.7 7.5 6.7 6.7 7.2 8.4 7.8 5.5 5.0 4.2
30 26 22 15 12.5 10 12 15.5 14 32 30

0.0 +0.2 -1.2 0.0 0.0 -0.2 -0.8 -0.2 -1.1
5.8 5.6 7.1 5.8 5.8 6.0 6.6 6.0 6.9
30 18 15 12 9 11-13 14 30

-1.0 -2.3 0.0 0.0 +0.1 -2.7 -3.3 -3.7
6.9 8.2 5.9 5.9 5.8 8.6 9.2 9.6
30 11 10 30 50

+3.0 +2.4 -0.2 0.0 -0.4 -2.0
3.0 3.6 6.2 6.0 6.4 8.0
30 26 18 14 30

+3.8 +3.1 0.0 -0.5 -0.2 0.0 +0.2 -0.5
1.7 2.4 5.5 6.0 5.7 5.5 5.3 6.0
30 25 16 14 12 17 27 Barn

+3.4 +0.3 -0.3 +0.2 0.0 -0.4 +0.5 -0.1
5.1 8.2 8.5 8.3 8.5 8.9 8.0 8.6
30 16 13.5 13 13 22 28

+1.7 -1.2 -1.1 -0.3 0.0 0.0 -0.8 -0.4 -1.8 -2.4
8.0 10.9 10.8 10.0 9.7 9.7 10.5 10.1 11.5 12.1
30 22 17 12 9.5 11 12 20 25-30

Same as +50

-1.8 -3.6 -1.6 +0.9 0.0 0.0 +0.1 +0.8 -1.7 -3.5 -4.4 -4.4
11.3 13.1 11.1 8.6 9.5 9.5 9.7 8.7 11.2 13.0 13.9 13.9
30 12.2 11.5 7.8 2.1 50

-1.7 -2.0 -2.8 -2.0 -1.8 -0.1 0.0 0.0 -2.0 -2.3 -2.5
11.2 11.5 12.3 11.5 11.3 9.6 9.5 9.5 11.5 11.8 12.0
30 19 16 16 14 11 7 12 22 30

		1234.56		
229			9.4	1225.2
230			7.7	1226.9
	4.71	1235.76	3.51	1231.05
231			5.1	1230.7
232			3.5	1232.3
233			4.0	1231.8
234			5.1	1230.7
			5.51	1230.25
	11.91	1242.16		1230.25
234+90	12" C.I. Culvert		11.1	1231.1
234+80				
235			11.0	1231.2
236			9.4	1232.8
237			6.2	1236.0
+60			2.5	1239.7
238			3.6	1238.6

-0.3 -0.5 -0.9 -0.4 0.0 -0.5 -0.8 -0.6
9.7 9.9 10.3 9.8 9.4 9.9 10.2 10.0
30 17 15.5 14 12 25 30

+3.9 +2.5 -0.5 0.0 -0.5 +0.2 -0.1 -0.3
3.8 5.2 8.2 7.7 8.2 7.5 7.8 8.8
30 22 16 13 23 25 30

+4.1 +3.3 -0.6 -0.1 0.0 -0.5 -0.5 +0.4 +0.4 +0.1
1.0 1.8 3.7 5.2 5.1 5.6 5.6 4.7 4.7 5.0
30 22 16 13 11 14 16 25 30

+1.7 +0.8 -0.9 -0.3 +0.1 0.0 -0.5 -1.2 -1.1 -1.6 -2.3
1.8 2.7 4.4 3.8 3.4 3.5 4.0 4.7 4.6 5.1 5.8
31 21 16 12 7 9 12.5 13 22 30

+2.8 +2.1 +0.1 -0.4 -0.9 -0.4 +0.1 0.0 -0.3 -1.1 -0.6 -0.4 -0.4 -1.3
1.2 1.9 3.9 4.7 4.7 4.4 3.9 4.0 4.3 5.1 4.6 4.7 4.4 5.3
Tr. 28 24 19 16 13.5 13 6 10 11 12 17 20 30

+1.0 -0.1 -0.3 -0.7 -0.5 +0.1 0.0 -0.2 -0.9 -0.6 -1.6
4.1 5.2 5.4 5.8 5.6 5.0 5.1 5.3 6.0 5.7 6.7
Tr. 30 23 17 16 14 5 10 12 13 30

W. End. C.I. Pipe Culvert, 234+90

Dec 3. 1923 Mark's Gravel Thompson

Fair

-1.4 -2.0 -0.8 -0.3 0.0 -0.3 -1.5 -2.7 -2.2 -4.1
12.5 13.1 11.9 11.4 11.1 11.4 12.6 13.8 Tide 13.3 15.2
100 Ft. 14.8 12 7 9.1 Ft. 20 25 100

-0.3 -1.5 -0.3 0.0 -0.2 -1.3 -1.8
11.3 12.5 11.3 11.0 11.2 12.3 12.8
30-25 19-16 12 7 12 25-30

+2.4 +1.0 -0.6 -0.1 0.0 -0.1 -0.6 -0.3 -0.2 +1.6 +1.9
7.0 8.5 10.0 9.5 9.4 9.5 10.0 9.7 9.6 7.8 7.5
3.8 18 15 13 0 11 12 13 15 22 25-30
Tr.

+2.3 +2.9 -0.1 0.0 +0.2 +3.0 +3.2
3.9 3.3 6.3 6.2 6.0 3.2 3.0
30 21 15 11 19 30

+1.3 +0.7 +0.2 -0.3 0.0 +0.4 +1.3 +1.5 +1.7
1.2 1.8 2.3 2.8 2.5 2.1 1.2 1.0 0.8
30 19 16 14 9 11 18 25 27.5
Bank

+2.0 +1.3 +0.3 -0.4 +0.1 0.0 -0.4 -0.7 +1.3 +1.0
1.6 2.3 3.3 4.0 3.5 3.6 4.0 4.3 2.3 2.6
30 24 15 14 9 9 11 17 25-30

1242.16

			3.48	1238.68	(1238.62)
	5.91	1244.53		1238.62	
239				6.1	1238.4
+25	4" T/e			6.2 7.6	1238.3 1236.9
240				5.8	1238.7
+50				5.2	1239.3
+85				3.9	1240.6
241				4.5	1240.0
242				6.9	1237.6
243				9.8	1234.7
	4.05	1236.62	11.96	1232.57	
244				5.0	1231.6
243+50				3.9	1232.7
243+75				4.4	1232.2
244+31.5	Stone Box W. Half, Poor Condition		Span E End W. End	2.7 2.2	1231.2 1227.1

B.M. Elm. L. 238 + 75

	-0.4	-0.8	-1.0	-0.4	0.0	-0.5	-1.4	-1.0	-1.4	-1.8	
	6.5	6.9	7.1	6.5	6.1	6.6	7.5	7.1	7.5	7.9	
	30	15	14	11		8	11	12	25	30	
+0.5	-0.7	-1.1	-0.7	-0.3	0.0	-0.5	-0.9	-1.8	-2.3	-1.3	
5.7	6.9	7.3	6.9	6.5	6.1	6.7	7.2	8.0	8.5	7.5	9.2
75	30		12	11		9	10	10	17	25	100
	+0.9	0.0	-0.4	-0.7	0.0	-0.7	-1.1	-0.3	-1.0		
	4.9	5.8	6.2	6.5	5.8	6.5	6.9	6.1	6.8		
30	27	22	15	14		15	11	13	30		
+2.9	+2.4	+1.3	-0.2	0.0	-0.2	-0.5	+0.7	+0.5			
2.3	2.8	3.9	5.4	5.2	5.4	5.7	4.5	4.7			
30	24	17.5	13.5		8	9	13	30			
	+1.8	-0.9	+0.2	0.0	-0.2	+0.7	+0.9				
	2.1	3.0	3.7	3.9	4.1	3.2	3.0				
30	25	21	17		12	25	30				
	+2.4	+1.7	+1.0	+0.1	0.0	-0.2	+0.4	+1.3			
	2.1	2.8	3.5	4.4	4.5	4.7	4.1	3.2			
	30	21	17	15		12	14	25-30			
	-0.2	-0.4	-0.8	-0.4	0.0	-0.5	-0.8	-0.4	-0.2		
	7.1	7.4	7.7	7.3	6.9	7.4	7.7	7.3	7.1		
Hdg	27	15	14	12		9	11	12	30		
+6.2	+5.9	+2.9	-0.8	0.0	0.0	-0.1	-0.4	+1.1	+1.6	+1.0	
3.6	3.9	6.9	10.6	9.8	9.8	9.9	10.2	8.7	8.2	8.8	
30	27	20	14	13	0	7	9	13	20	30	
	-2.0	-0.6	-0.9	-0.3	0.0	-0.2	-1.1	-2.8	-3.3	-3.6	
	7.0	5.6	5.9	5.3	5.0	5.2	6.1	7.8	8.3	8.6	
	30	15.5	15	13		7	10	20	25	30	
+5.7	+3.9	-0.5	0.0	0.0	-0.2	+0.6	+1.5	+2.4	+2.7		
+1.8	0.0	4.4	3.9	3.9	4.1	3.3	2.4	1.5	1.2		
33	23	16	8		10	11.5	14.5	20	30		
	+3.3	+2.6	-0.5	-0.2	0.0	-0.5	-0.7	-1.3			
	1.1	1.8	4.9	4.6	4.4	4.9	4.8	5.7			
	30	27	17	8		11	12	25	30		
-3.9	-4.4	+1.7	+1.1	+0.1	0.0	0.0	+1.3	-1.6	-3.9	-5.8	
9.3	9.8	7.1	4.3	5.3	5.4	5.4	4.1	7.0	9.3	11.2	
55		16.5		14	0	8.5	10.7			6.5	

		1236.62		
245		5.2	1231.4	
	12.73	1247.71	1.64	1234.98
246		12.9	1234.8	
+50		9.2	1238.5	
247		6.7	1241.0	
+75		4.7	1243.0	
248		5.3	1242.4	
249		5.3	1242.4	
250		4.0	1243.7	
B.M.$_1$ 250±		1.18	1246.58	(1246.52)
251		3.7	1244.0	
252		3.4	1244.4	
+22	12" C.I. Pipe	5 3.1 4.8	1244.6 1242.9	
253		2.3	1245.4	
	12.98	1259.43	1.26	1246.75

-0.8 -0.4 0.0 0.0 -0.2 -0.6 -2.3
6.0 5.6 5.2 5.2 5.4 5.8 7.5
30 16 11 6 12 30

+4.5 +3.5 -0.9 -0.4 0.0 0.0 -0.1 +1.7 +2.7
8.4 9.4 13.8 13.3 12.9 12.9 13.0 11.2 10.2
30-25 20 14 12 6 10 14 25-30

+5.2 +4.6 -0.6 +0.2 0.0 -0.5 +0.4 +0.9 +0.4
4.0 4.6 9.8 9.0 9.2 9.7 8.8 8.3 8.8
30 25 15 13 0 10 12 20 30

+4.0 +3.6 +1.0 +0.4 -1.1 -0.5 0.0 -0.2 -0.8 -0.3 -1.2
2.7 3.1 5.7 6.3 7.8 7.2 6.7 6.9 7.5 7.0 7.9
30 27 22 18 16 14 6 9 12 30

+1.9 0.0 -1.4 -0.5 +0.2 0.0 -0.5 -1.4 -0.3 -0.7
2.8 4.7 6.1 5.2 4.5 4.7 5.2 6.1 5.0 5.4
30 19 16 12 5 7 10 12 30

+1.7 -0.1 -0.7 -0.1 0.0 -0.5 -1.3 -1.0 -1.5
3.6 5.4 6.0 5.4 5.3 5.8 6.6 6.3 6.8
30 18 15 13 8 11 13 25 -30

+0.8 +0.2 -0.2 0.0 -0.3 -0.7 -0.5 -1.7 -2.2
4.5 5.1 5.5 5.3 5.6 6.0 5.8 7.0 7.5
30 25 14 8 10 12 25 30

+2.0 +0.6 -0.1 0.0 -0.2 +1.0
2.0 3.4 4.1 4.0 4.2 3.0
30 16 13 18 23 milk house

+1.6 +0.5 -0.6 -0.1 0.0 -0.5 -0.8 -0.2 +0.5 +0.2
2.1 3.2 4.3 3.8 3.7 4.2 4.5 3.9 3.2 3.5
30 18 16 11 7 10 13 25 30

+0.1 -0.5 -1.0 +0.1 0.0 0.0 -1.2 -0.7 -1.5
3.3 3.9 4.4 3.3 3.4 3.4 4.6 4.1 4.9
30 18 17 14 9 13 14 25-30

-0.1 -1.7 -0.1 0.0 -0.5 -1.8 -2.2 -3.5
3.2 4.8 3.2 3.1 3.6 4.7 5.3 6.6
30 105 9 8.5 16 23 75
P.L.

-0.9 -0.8 -1.1 -0.2 0.0 -0.1 -1.1 -0.5 -0.8 -1.4 -1.7
3.2 3.1 3.4 2.5 2.3 2.4 3.4 2.8 3.1 3.7 4.0
30 14 13 10 9 11 12 16 25 30

1259.43

254		11.6	1247.8	
+40		9.6	1249.8	
255		5.5	1253.9	
+40		4.3	1255.1	
BM 2.25+60		1.48	1257.95	(1257.91)
256		6.8	1252.6	
+15.5	Twp. Line	7.7	1251.7	
+45		9.2	1250.2	
+75		10.1	1249.3	
257+05		10.7	1248.7	
+15	Culvert			
+35		11.0	1248.4	
+65		10.8	1248.6	
+95		10.5	1248.9	
258+25		9.9	1249.5	

+3.8 +3.0 +0.5 +0.4 -0.5 0.0 0.0 -0.4 -0.7 +1.1 +1.5
7.8 8.6 11.1 11.2 12.1 11.6 11.6 12.0 12.3 10.5 10.1
30 23 19 16 13 10 10 13 21 30

+5.1 +3.9 +1.6 +0.4 +1.2 0.0 0.0 -0.1 -0.3 +1.9 +1.8
4.5 5.7 6.2 9.2 8.4 9.6 9.6 9.7 9.9 7.7 7.8
30 22 16 14 12 5 11 12 19 30

+3.0 +1.2 +0.2 0.0 -0.3 -0.8 -0.4 -0.3 -0.7
2.5 4.3 5.3 5.5 5.8 6.3 5.1 5.8 6.2
30 16 13 10 12 14.5 25 30

+1.8 +0.9 +0.7 -0.9 -0.5 0.0 -0.4 -1.1 -0.4 -1.1
2.5 3.4 3.6 5.2 4.8 4.3 4.7 5.4 4.7 5.4
30 24 18 15 13 9 12 14.5 30

+2.9 +2.1 +1.9 -0.7 0.0 0.0 -0.7 -1.1 +1.2 +1.2 +0.8
3.9 4.7 5.8 7.5 6.8 6.8 7.5 7.9 5.6 5.6 6.0
30 21 16 13.5 7 9 12 17 25 30

+3.5 +3.1 +2.1 +1.6 -0.8 -0.3 0.0 -0.1 -1.1 -0.9 +1.7 +1.7
4.2 4.6 5.6 6.1 8.5 8.0 7.7 7.8 8.8 8.6 6.0 6.0
30 25 20 16 12 9 5 11 14 19 25

9.2
10.1
10.7

11.0
10.8
10.5
9.9

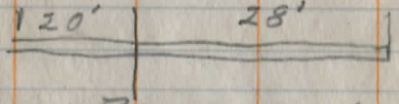
Jan. 18, 1924. Fiedler
+22°, Cloudy Mark &
Grau.

122+~~50~~ 46±

Present. 8" V.it. Pipe
Req. 12" C.I. Pipe, 60', No. H.W.S.

122+10

℄

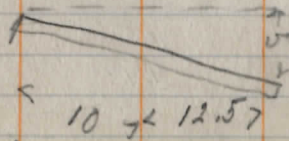


Req. 12" C.I. Pipe, 48', No. H.W.

114+00

29' Long. Stone Box O.K.

105+98 10" Sec. C.I. Pipe



Build Hillside 12" C.I. Pipe
℄ F.L. 2½' Below. Profile.
Dig. Outlet 100', 1' deeper. 3' Wide

98+80

12" Sec. C.I. Pipe, Take up
+ relay on Lower Grade.
Bull of Side Hill H.W.S.
23½' of Pipe in old culvert

93+73.

Extent on Left, 3½' conc. slab top
" " Right 4. " " "

80+73

Culv. has been covered with
conc. slab.
Extend on Left with 3' slab top
" " R " " 3' " "
Use Wing Wall Type
Retain as at present.

727+32.

11' Span. Conc. Top
Clear Rdwy, 16'2"
1' Curb on each Side.
Build Iron Rail on Curbs
+ Guard Rails on both sides
of each Approach

67+50
12" Sec. C. I. Pipe
Extend Both Ends
With C. I. Pipe.

52+35 Remove C.V.P. Build 12" New.

45+50, Conc, O.K

41+40 Conc. Good
Extend L. End, 3' X 2¼'

35+85
12" C.I Pipe.
Extend on Left.
Build H.W.S.

1+25 10" C.I. Pipe. D
Remove

2+25 Build 12" Encased R.C.P.

12+00 Use Culvert As it is
~~Extend, 4' Slab top~~
~~on both ends~~

21+72 Stone Box N.G. 2x2
Build New 3'X3'
Remove 24" Elm + 30" Elm

27+67 Remove old.
Build 3' x 3'

28+10 Remove 20" Elm

125+08 Extend L.H.W. upward

134+43 O.K

140+38 Extend on Right by 2.0' Slab top, open Bottom.

145+55 Remove Cap Stone from E. End & place on W. H.W. after moving W. Cap stone Endways.

Extend + Build H.W. + Wing Walls at E. end

152+85 Stone Box N.G.
Build Std 3'X3' Conc Box

158+46 Extend 5' on Left with 2'X2' Std. Box

160+78 Stone Box, N.G. Remove
Build 3'X3' Conc Box

170+06.5 Stone Box, Remove.
Build 3'X3' conc. box.

178+67.5 Remove Stone Box
Build 3'X3' Conc Box

185+43 Stone Box, Retain
Extend on L. with 2½X2½ conc.

197+80 Stone Box, Remove.
Build Std. 3'X3' conc Box

April 30 2
April 25) H. Claus, C. Rand, D. Parks.

Sta	B.S.	H.I.	F.S.	Elev G.L.	EAST (Right)	WEST (Left)
B.M. 881				1173.72		
					Grade 180d	
91				1178.4	20.5	24.5
92				1178.1	17.0	20.5
93				1175.5	19.0	17.5
94				1176.8	19.0	18.5
95				1178.1	18.5	18.5
96				1181.7	17.0	17.5
97				1191.3	27.0	30.4
98				1198.2	25.5	30.0
99				1204.6	20.5	23.0
100				1208.8	14.06 13.99 F0.4 16.0	10.75 C3.3 23.0
B.M.	9.79	1222.86		1213.07		
101				1214.5		C7.7 28.0
T.P.	12.45	1235.10	0.21	1222.65	8.36 8.51 F0.2 14.0	0.6

Sta	B.S.	H.I.	F.S.	Elev	G.L.	EAST (Right)	WEST (Left)
102		1235.10			1220.9	13,20 12,40 C0.8/18.0	7.72 C5.5/28.0
103					1226.5	7.4 8.7 F1.1/15.0	2.75 C4.9/28.0
104					1231.0	3.10 3.21 F0.1/17.0	1.7 C1.4/21.5
T.P.	11.49	1247.39	2.20	1232.90			
105					1235.2	8.19 7.71 C0.5/18.5	7.75 C0.5/24.0
106					1239.4	3.99 3.70 C0.3/19.5	4.65 F0.7/20.0
107					1241.8	1.59 2.26 F0.7/17.0	2.36 F0.8/17.0
T.P.	4.55	1249.10	1.84	1242.55			
108					1244.3	3.80 4.01 F0.2/18.0	1.80 C4.0/17.0
T.P.	15.15	1264.64	2.21	1246.49			
109					1248.3	12.34 10.65 C1.7/17.0	8.45 C3.9/23.0
110					1253.7	4.94 6.05 C0.9/22.0	4.91 C2.0/24.0
B.M.				1252.5			
111					1257.4	3.24 3.75 F0.5/20.0	2.54 C0.5/22.5
112					1259.8	.84 1.3 F0.6/21.5	0.14 C0.7/23.5

				1224.24			EAST	WEST
	3,70	1265,00	0,84	1261,30				
113					1259,0	5,00	4,84 Fl.8	3,14 Cl.9 21,5
114					1258,6	5,40	8,44 F3,0	9,10 F3,7
115					1259,4	4,60	5,75 Fl.4	5,79 Fl.2
116					1262,1	1,90	2,96 Fl.5	0,51 Cl.4
T. P.	3,74	1267,78	0,96	1263,04				
T. P. 1.			5,41	1262,37			S. W. Corner Porch 118+ E side of Road	

May 3, 1928 D. Parks, C. Rand, H. Clouse

	B.S.	H.I.	F.S.	Elev	G.L.
B.M.	8.48	1116.69		1108.21	
1					1111.20
2					1112.00
3					1112.80
4					1114.95
T.P.	12.04	1127.24	1.49	1115.20	
5					1118.45
6					1121.84
7					1124.45
8					1126.16
9					1126.81
T.P.	3.80	1128.84	1.20	1126.04	

Grade Rod

W. Root. 20" Hickory

L				R	
5.79	4.04	C 1.5 / 22.5	℄	6.91	F 1.4 / 17.0
4.69	4.00	CO.7 / 25.0		6.81	F 2.1 / 19.0
3.89	3.82	CO.1 / 20.5		6.13	F 2.2 / 17.0
1.74	1.82	FO.1 / 20.0		3.31	F 1.6 / 18.0
8.79	7.81	C 1.0 / 22.0		9.23	F 0.4 / 20.0
5.40	3.11	C 2.3 / 23.5		5.40	0.00 / 20.0
2.79	1.55	C 1.2 / 22.0		4.20	F 1.4 / 19.5
1.08	0.84	CO.2 / 19.5		2.30	F 1.2 / 18.5
0.43	0.47	FO.1 / 19.5		0.91	F 0.5 / 19.5

		1129.81								
X10					1125.84	4.50 ~~3.50~~	2.09	2.4 C1.7 24.5	1.81	2.7 C1.7 23.5
11					1122.24	7.55	10.78	F3.2 17.5	11.50	F3.2 19.0
T. P.	5.68	1124.78	10.74	1119.10						
B.M. Record.	3.14	1124.79	3.14	1121.64 1121.65		S.W. Cor. N. headwall, 12+00				
12					1121.92	2.87	7.79	F4.9 18.5	7.81	F4.9 19.0
13					1124.50	0.29	5.12	F4.9 20.0	3.85	F3.6 20.0
T. P.	12.15	1136.82	0.12	1124.67						
14					1127.60	9.32	8.89	C0.4 20.5	7.30	C2.0 23.5
15					1130.50	6.32	5.09	C1.8 23.5	3.14	C3.2 25.5
16					1133.50	3.32	3.78	F0.5 21.0	0.74	C2.6 24.5
T. P.	7.24	1142.72	1.34	1135.48						
17					1135.81	6.91	8.04	F1.1 20.06	5.25	C1.7 22.5

		1142,72						
18				1136,75	5,97	5,44	C0.5 / 21,5	4,01 C1,9 / 23,5
19				1136,31	6,41	7,91	F0.5 / 18.5	5,12 C1,3 / 22,0
20				1134,50	8,22	9,17	F0,9 / 18,5	9,56 F1,3 / 18,0
T.P.	3,82	1137,67	8,91	1133,81				
Record B.M	1,51	1137,28	1,51	1136,17 / 1136,16				
21				1133,97	3,71	2,90	C0,8 / 21,5	5,81 F2,1 / 21,5
22				1137,38	0,30	3,85	F3,6 / 19,5	6,25 F6,4 / 23,0
T.P.	12,84	1149,42	0,50	1137,18				
23				1142,77	6,65	2,81	C4,8 / 20,0	3,62 C3,6 / 26,0
24				1146,18	2,64	0,03	C2,9 / 23,5	0,93 ~~C1,7~~ / 23,5
T.P.	3,54	1150,86	2,10	1147,32				
25				1145,67	5,19	2,29	C2,9 / 25,0	4,46 C0,7 / 20,5

SE. Root 30" Maple Left 20+40

		1150,86		
26			1141.70	
T. P	1,45	1140,17	2,14	1138,72
27			1137,82	
28			1138,04	
T.P.	9,26	1145,53	3,90	1136,27
29			1142,34	
T.P.	10,34	1155,79	0,08	1145,45
30			1147.23	
T.P.	9,57	1162,83	2,53	1153,26
Record B.M.			3,35	1158,56 / 1159,18

9,14	8,47	C 0,7 / 21,0		9,11	C 0,1 / 19,5
2,35	6,35	F 4,00 / 18,5		8,19	F 5,8 / 21,5
2,13	5,70	F 3,6 / 18,0		8,23	F 6,1 / 22,0
3,19	4,70	F 1,5 / 18,0		8,06	C 1,1 / 22,0
8,56	4,93	C 3,6 / 27,5		6,81	C 1,8 / 23,0

May 7, 1928 Mark D. Parks, C. Rang

B.M.	5.64	1141.81		1136.17		B.M. S.E. Root	30" Maple 35' L. 20+40			
21					1133.97	7.84	7.05	C0.8 / 21.5	2.97	F2.1 / 16.5
22					1137.38	4.43	8.02	F3.6 / 19.5	10.82	F6.4 / 23.0
T.P.	7.54	1149.35	0.00	1141.81						
23					1142.77	6.58	2.33	C 4.3 / 26.0	2.97	C 3.6 / 26.0
24					1146.18	3.17	+0.2	C 3.4 / 25.5	0.91	C 2.3
25					1145.67	3.68	4.86 1.89	C2.9 / 25.0	3.00	C 0.7 / 20.5
26					1141.78	7.65	6.98	C0.7 / 22.0	7.67	0.0 / 19.5
T.P.	2.69	1143.45	8.59	1140.76						
27					1137.82	5.63	9.70	F4.1 / 18.5	11.50	F5.8 / 21.5
28					1138.04	5.41	9.01	F3.6 / 18.0	11.56	F6.1 / 22.0
29	15.93	1159.38	0.00	1143.45	1142.34	1.11	2.63	F1.5 / 18.0	0.00	C 1.1 / 22.0
30					1147.23	12.15	8.54	C3.6 / 27.5	10.43	C 1.7 / 23.0
30+50					1149.49	9.89	6.54	C3.4 / 24.0	8.64	C 1.3 / 22.0
31+50					1152.90	6.48	1.52	C5.0 / 27.0	5.70	C0.8 / 25.0
B.M.			0.80	1158.58		N. root, Maple, L 31.50 Rec. 1158.56				

	2.34	1160.90		1158.56		B.M.	L. 31+50				
32					1154.84	6.84	1.72	C 5.1 / 27.0		4.43	C 2.4 / 25.0
33					1155.27	5.63	6.65	F 1.0 / 19.0		7.79	F 2.2 / 18.0
34					1155.00	5.90	3.87	C 2.0 / 22.5		7.13	F 1.2 / 19.0
35					1154.00	6.90	7.94	F 1.0 / 16.5		9.34	F 2.4 / 17.0
35+85	Culvert.					1150.95	6.95 9.95	C 3.0 / 30.0	1150.35	9.55 10.55	C 1.0 / 30.0
36					1153.88	7.62	9.09	F 2.1 / 17.0		9.27	F 2.3 / 17.0
37					1155.55	5.35	7.65	F 2.3 / 16.5		6.88	F 1.5 / 17.0
38	2.86	1163.42	0.34	1160.56	1158.00	2.90	0.35	C 2.6 / 23.0		1.35	C 1.6 / 22.0
38+95					1159.22	4.20	0.27	C 3.9 / 24.5		2.81	C 1.4 / 24.5
40					1157.96	5.52	4.78	C 0.7 / 20.0		7.42	F 1.9 / 17.0
41					1156.23	7.19	9.95	F 2.8 / 18.0		9.88	F 2.7 / 17.0
B.M.	8.97	1163.46	8.97	1154.45 1154.49		X, N.W. Cor., W. Head-wall, 41+40, Rec. 1154.49					
42					1156.43	7.03	7.84	F 0.8 / 17.0		9.33	F 2.3 / 17.0

		1163.46								
43			3.38	1160.08	1158.50	4.96	1.17	C 3.8 / 25.5	3.38	C 1.6 / 23.0
	5.28	1165.36								
44					1160.50	4.86	0.26	C 4.6 / 27.5	2.52	C 2.3 / 20.5
45					1160.50	4.86	6.82	F 2.0 / 17.0	7.85	F 3.0 / 15.5
			5.73	1159.63		} X on N.W. cor., W. Headwall, 45+50				
				1159.58	Record					
B.M.	9.53	1169.11				May 9, 1928 - P. Parks, C. Rand				
46					1159.77	9.34	10.47	F 1.1 / 18.0 (19.0)	11.41	F 2.1 / E 16.0 (17.0)
47					1160.94	8.17	10.10	F 1.9 / 16.5 (17.5)	10.38	F 2.2 / 16.0 (17.0)
48					1163.89	5.22	7.61	F 2.4 / 17.0	6.30	F 1.1 / 16.5
49					1166.34	2.77	0.66	C 2.1 / 21.0	0.42	C 2.2 / 22.5
T.P.	5.97	1174.14	0.94	1168.17						
50					1167.91	6.23	2.38	C 3.9 / 25.0	4.82	C 1.4 / 20.5
51					1168.59	5.55	7.41	F 1.9 / 17.5	7.78	F 2.2 / 16.0
52					1168.50	5.64	8.25	F 2.6 / 17.0	7.92	F 2.3 / 17.0

		1174.14									
52+35	Culvert					1164.84	7.80 / 9.30	C1.5 / 30		1162.16	9.98 C2.0 / 11.98 30
53					1168.30	5.84	5.84	0.0 / 20.0		7.75	F1.9 / 16.0
54					1168.10	6.04	4.24	C1.8 / 22.0		6.46	F0.4 / 18.5
55					1167.90	6.24	4.10	C2.1 / 23.5		6.91	F0.7 / 19.5
56					1167.70	6.44	5.50	C0.9 / 21.0		6.37	F0.1 / 19.0
57 X					1167.50	6.64	6.68	OA F0.1 / 18.5		6.13	C0.5 / 19.5
B.M			4.08	1170.06		Nail S.E Root 15" Maple 25' Left Sta 57+10					
	0.62	1170.60		1169.98	Record						
58					1167.30	3.30	4.74	F1.4 / 17.5		5.31	F2.0 / 16.0
59					1167.00	3.60	5.59	F2.0 / 16.0		4.78	F1.2 / 17.0
60					1165.99	4.61	6.96	F2.4 / 16.0		6.27	F1.7 / 16.0
61					1164.27	6.33	7.79	F1.5 / 17.0		8.01	F1.7 / 16.0
62					1162.45	8.15	7.99	C0.1 / 20.5		7.90	C0.3 / 20.5

		1170.60									
T.P.	2.73	1162.77	10.56	1160.04							
63					1160.63	2.14	2.07	C0.1 / 19.0		0.35	C1.8 / 22.0
64					1158.81	3.96	3.88	C0.1 / 18.5		1.56	C2.4 / 23.5
65					1156.70	6.07	7.90	F1.8 / 17.0		5.68	C0.4 / 20.5
66					1154.00	8.77	10.19	F1.4 / 17.5		8.92	F0.2 / 19.5
T.P.	1.70	1153.86	10.61	1152.16							
67					1151.56	2.30	5.12	F2.8 / 17.5		5.27	F3.0 / 17.5
67+50	Culvert					1146.78	5.07 / 7.08	C2.0 / 36.5	1145.30		7.06 / 8.56 C1.5 / 36.5
68					1150.25	3.61	5.85	F2.2 / 17.5		6.44	F2.8 / 17.5
B.M.	0.14		0.51	1153.35		Nail on E. root 20" Maple Lt. Sta 68+80					
	0.14	1153.49		1153.35	record	Stake driven by E root of Maple					
69					1148.44	5.05	2.53	C2.5 / 24.0		0.61	C4.4 / 23.0
70					1144.50	8.99	5.34	C3.7 / 26.0		4.85	C4.1 / 23.0

		1153.49								
TP			11,27	1142,22						
71	0,03	1142,25			1139,50	2,75	3,77	F1,0 / 18,0	0.03	C 2,7 / 23,5
72					1135.68	6,57	10,44	F 3,9 / 19,0	8,62	F2,1 / 18,5
T,P,	8,29	1142,18	8.36	1133.89						
73					1136.44	5,74	8,63	F2,9 / 18,0	9,76	F4,0 / 18,5
74					1140,82	1,36	5,77	F4,4 / 20,8	3,20	F1,8 / 18,0
T,P,	11.84	1153,77	0,23	1141,95						
75					1145,42	8,37	8,91	F0,5 / 17,0	4,25	C4,1 / 27,0
T.P.	9,04	1162,68	0,15	1153,64						
76.					1150,02	12,66	6.46	C6,2 / 31,0	6.75	C5,9 / 30,0
77					1153.77	8,91	3,14	C5,8 / 30,0	7.04	C1,9 / 23,0
78					1154.20	8,48	7,53	C1,0 / 22,5	8,75	F0,3 / 20,5

May 10, 1928 D. Parks C. Rand

		1162.68								
79					1152.07	10.61	9.12	C1.5 / 23,0	9.14	C1.5 / 22,5
T.P.	1.58	1154.68	9.66	1153.02						
80					1150.86	3,74	6.50	F2.8 / 17.5	7,30	F3.6 / 18,5
B.M.			4,46	1150,14		x on S.W. Cor W. Headwall Stone Culv. Sta 80+73				
	8.93	1158,97		1150.06	record					
81					1151.19	7.80	11.34	F3.5 / 18,5	11.24	F3.4 / 18.5
82					1153,05	5,91	10.07	F4.7 / 19.5	8,72	F2.8 / 18.5
83					1156.00	2,99	0,33	C2.7 / 25.0	2,23	C0.8 / 21,5
T.P	12,51	1171.09	0,41	1158.58						
84					1159.08	12,09	6.62	C5.5 / 29,0	9.95	C2.1 / 24,0
85					1162,00	9.09	6.06	C3.0 / 27,5	7.66	C1.4 / 22,5
86					1165,00	6.09	5,51	C0.6 / 21,5	5.74	C0.4 / 21.0
87					1168,00	3,09	2,91	C0.2 / 21,5	3,42	F0.3 / 19,5

		1171.09									
T.P.	10.26	1180.25	1.10	1169.99							
88					1171.00	9.25	9.45	F0.2 / 19.0		10.51	F1.3 / 17.0
B.M			6.48	1173.77		Nail on W. root 24" Maple Rt. Sta 88+40					
	6.48	1180.20		1173.72	record						
89					1174.00	6.20	5.86	C0.8 / 23.0		7.48	F1.3 / 16.0
90					1176.52	3.68	4.27	F0.6 / 20.0		2.18	C1.5 / 23.5
T.P.	4.47	1183.27	1.60	1178.80							
91					1178.08	5.19	2.91	C2.3 / 24.5		5.38	F0.2 / 20.5
92					1178.66	4.61	4.71	F0.1 / 20.5		5.12	F0.5 / 17.8
93					1178.28	4.99	8.12	F3.1 / 17.5		8.24	F3.3 / 19.0
T.P.	6.16	1181.45	7.98	1175.29		X on middle of East Headwall.					
93+73	Culvert										
94					1178.57	2.88	6.64	F3.8 / 18.5		6.66	F3.8 / 19.0

		1181,45									
95					1181,14	0,81	4,06	F3,8 / 18,5		3,58	F3,5 / 18,5
T.P	14,05	1194,94	0.56	1180,89							
96					1186.00	8,94	8,93	0,0 / 17,5		9.75	F0,8 / 17,0
T.P	13.86	1204,97	3.83	1191,11							
97					1192,00	12,97	5.35	C7,6 / 30,5		8,91	C4,1 / 27,0
98					1198,00	8,13 6,97	0,9 0,40	C7,2 / 30,0	8,05	4,84 4,55	C3,2 / 26,5
T. P.	13,04	1216,94	1.07	1203,90							
98+80	Culvert					1202,70	8,24 14,24	C6,0 / 33		1199,5	12.94 / 17.44 C4,5 / 33
99					1204,00	12,94	10,15	C2,8 / 23,0		12,43	C0,5 / 20,5
B.M.			3,85	1213,09		Nail in W. root 24" Evergreen 40' Rt Sta 100+10					
	3,85	1216.92		1213,07	record						
100					1210.00	6,92	4,86.	C2,2 / 23,0		8.06.	F1,1 / 15.0
T. P	10.66	1226,52	1,06	1215,86							
101					1216,00	10,52	4,29	C6,2 / 28,0		12,08	F1,6 / 16,0

		1226.52									
102			3.86	1222,66	1222,08	4.52		C5.4 / 28,0	4.62	3,86	C0,7 / 18,0
	10,44	1233,10				11.10	5.74				
103					1227,85	5.25	0,62	C4,6 / 28,0		6,72	F1,5 / 15,0
T.P	12.04	1242,62	2.52	1230,58							
104					1232,65	9.97	9,28	C0,7 / 21,5		10,79	F0,8 / 17,0
105					1236,40	6.22	4,05	C2,2 / 24,0		6,00	C0,2 / 18,5
106					1240,00	2,62	1,97	C0,7 / 20,0		2,94	F0,3 / 19,5
106+00	Culvert					1238,01	1,11 / 4,61	C3,5 / 31	1236,30	3,27 / 6,27	C3,0 / 39
T.P.	11,51	1253,60	0,53	1242,09							
107					1243,68	10,08	11,51	F1,5 / 17,0		11,66	F1,7 / 17,0
108					1247,20	6,40	8,57	F2,2 / 18,0		7,34	F0,9 / 17,0
109					1250,80	2,80	0,44	C2,4 / 23,5		2,66	C0,1 / 17,0

		1255.60								
T. P.	10.32	1261.43	2.49	1256.11						
100					1254.40	7.03	5.91	C1.1 / 22.0	4.77	C2.3 / 24.0
B.M.			4.93	1256.50	record	2 Nail in W. root 50" Elm 35' Rt Sta 110+25				
	7.14	1263.64								
111					1257.42	6.22	4.62	C1.6 / 22.5	5.83	C0.4 / 20.0
112					1259.26	4.38	2.21	C2.2 / 23.5	3.37	C1.0 / 21.5
113					1259.90	3.74	2.69	C1.1 / 21.5	5.58	F1.8 / 16.0
TP	9.23	1266.51	6.36	1257.28						
114					1259.97	6.54	10.68	F4.1 / 18.0	10.05	F3.5 / 15.0
115					1261.00	5.51	7.38	F1.9 / 17.5	7.58	F2.1 / 19.5
116					1262.75	3.76	2.13	C1.6 / 22.0	4.64	F0.9 / 19.0
T.P.	7.89	1269.01	5.89	1261.12						
T.P.			6.70	1262.31		S.W. Cor. Conc. Porch 118+E side of road				

B. M	2.49	1115.70		1108.21
2+25	Culvert			
B. M.	2.59	1138.71		1132.17
21+72	Culvert			
B M	5.64	1141.81		1136.17
T. P	7.54	1149.35	0.00	1141.81
T. P	0.00	1140.76	8.59	1140.76
27+67	Culvert			

4-9-'29 Fiddler – Steeley – 22° Pine 13 M

31+50	+2.11	1160.67		1158.56
T.P.			-12.54	1148.13
	+0.15	1148.28		
T.P.			-12.66	1135.62
	+1.53	1137.45		
flo. line inlet			6.78	1130.67
outlet 15 W. of culv. inlet			7.28 .5 tile	
"			7.84	1129.61
"			6.65 .5 tile	
10' N.W. of Culv. inlet			7.21	1130.24
"				

27+67 = Culvert
Top 6" tile
flo. line
Top of 6" tile
flo. line "

next pg

30.67
1129.61
1.06

Right of sta 0+00

W. Root 20" Hickory

1110.0 — 2.2 / 5.7 — C3.5 / 30 — 1108.5 — 6.2 / 7.2 — C1.0 / 30

S. E Root 30" Maple 35' Left 20+40

1128.9 — 7.81 / 9.81 — C2.0 / 30 — 1127.6 — 9.11 / 11.11 — C2.0 / 30

S. E Root 30" Maple 35' L 20+40

1129.87 — 8.89 / 10.89 — C2.0 / 30 — 1127.67 — 9.09 / 11.09 — C2.0 / 30

N.W. cor. W. Pomfret	+1.50	1137.42	1135.62 (27+67)
Outlet of culvert		7.39	1130.03
" " 50' E. of		9.0	1128.4 ditch
" " 110' E. of		9.9	1127.5

		Board.			
11	4	meals	2 bed		4.50
12	4	"	"		2.40
				Pd.	6.90
14	6	"	3 "		4.50
15	9	"	3 "		6.00
16	9	"	3 "		6.00
17	6	"			3.00
					19.50
12	Livery			Pd	5.00
17	"				
16	telephone				.10
22	6	meals	3 bed		4.50
23	5	"			2.50
					7.00

6.00
19.50
7.00
32.50

B.M. At Huntsburg = x on
S.W. cor. concrete Porch
to Store. Elev = 1260.20

B.M. at Huntsburg Twp.'s
S-line. Two nails in
W. root 20" hickory 40' Rt,
Sta. 147+80. Elev = 1108.21

TABLE FOR REDUCING PERCHES TO FEET AND INCHES.

PERCH	FEET.	PERCH.	FEET.	PERCH.	FEET.	PERCH.	FEET.	PERCH.	FEET.
[illegible]	[illegible] in.	21	3.46.6 in.	41	6.76.6 in.	61	10.06.6 in.	81	13.36.6 in.
[illegible]	3[illegible].0	22	3.63.0	42	6.93.0	62	10.23.0	82	13.53.0
3	[illegible]	23	3.79.6	43	7.09.6	63	10.39.6	83	13.69.6
[illegible]	[illegible]	24	3.96.0	44	7.26.0	64	10.56.0	84	13.86.0
[illegible]	[illegible]	25	4.12.6	45	7.42.6	65	10.72.6	85	14.02.6
[illegible]	[illegible]	26	4.29.0	46	7.59.0	66	10.89.0	86	14.19.0
7	1.15.6	27	4.45.6	47	7.75.6	67	11.05.6	87	14.35.6
8	1.32.0	28	4.62.0	48	7.92.0	68	11.22.0	88	14.52.0
[illegible]	[illegible]	29	4.78.6	49	8.08.6	69	11.38.6	89	14.68.6
[illegible]	[illegible]	30	4.95.0	50	8.25.0	70	11.55.0	90	14.85.0
[illegible]	[illegible]	31	5.11.6	51	8.41.6	71	11.71.6	91	15.01.6
[illegible]	[illegible]	32	5.28.0	52	8.58.0	72	11.88.0	92	15.18.0
[illegible]	2.[illegible]	33	5.44.6	53	8.74.6	73	12.04.6	93	15.34.6
[illegible]	2.[illegible]	34	5.61.0	54	8.91.0	74	12.21.0	94	15.51.0
[illegible]	2.[illegible]	35	5.77.6	55	9.07.6	75	12.37.6	95	15.67.6
[illegible]	2.[illegible]	36	5.94.0	56	9.24.0	76	12.54.0	96	15.84.0
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

B. K. ELLIOTT COMPANY, PITTSBURG, PA.
DRAWING MATERIALS AND SURVEYING INSTRUMENTS