

TRANSIT BOOK
N^o 1

STATE ROAD N^o 2.
-1920-

C. J. White - ENGINEER.

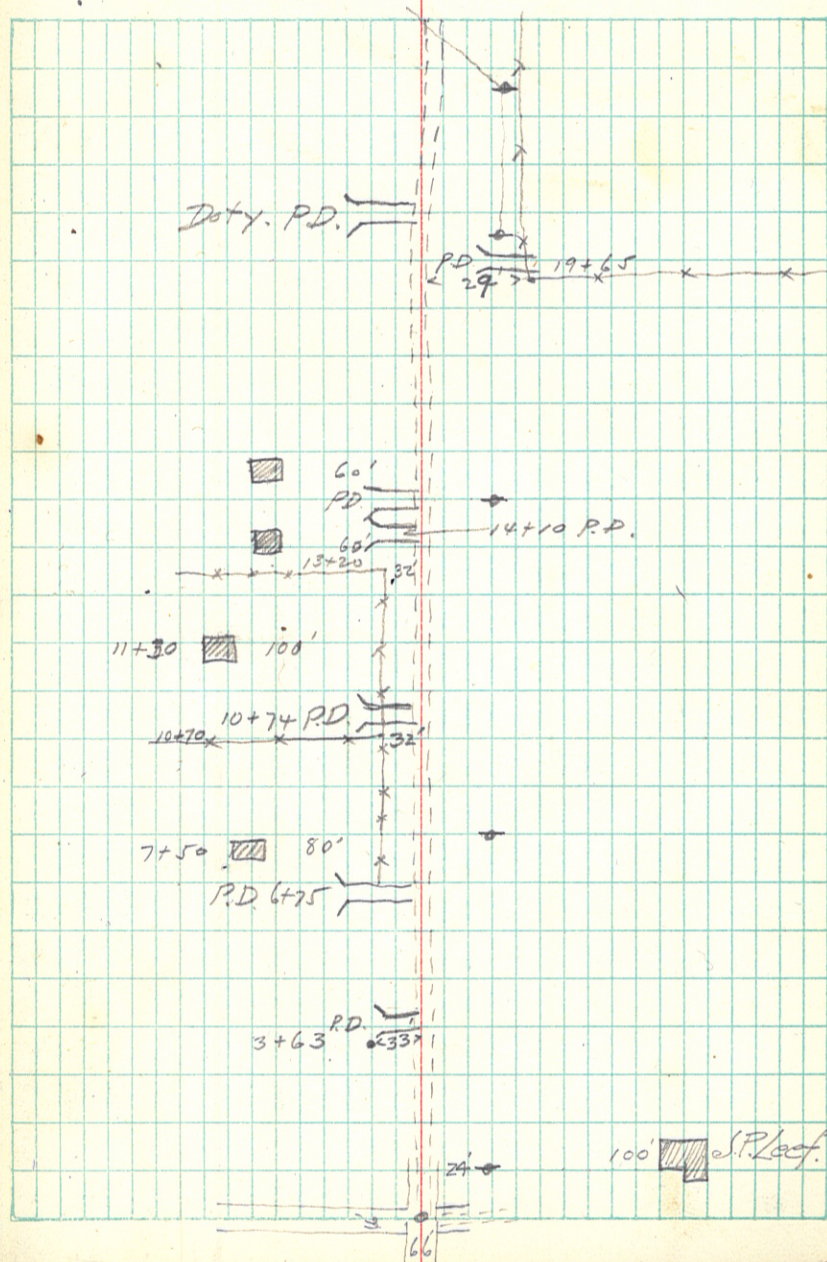
FIELD BOOK

361

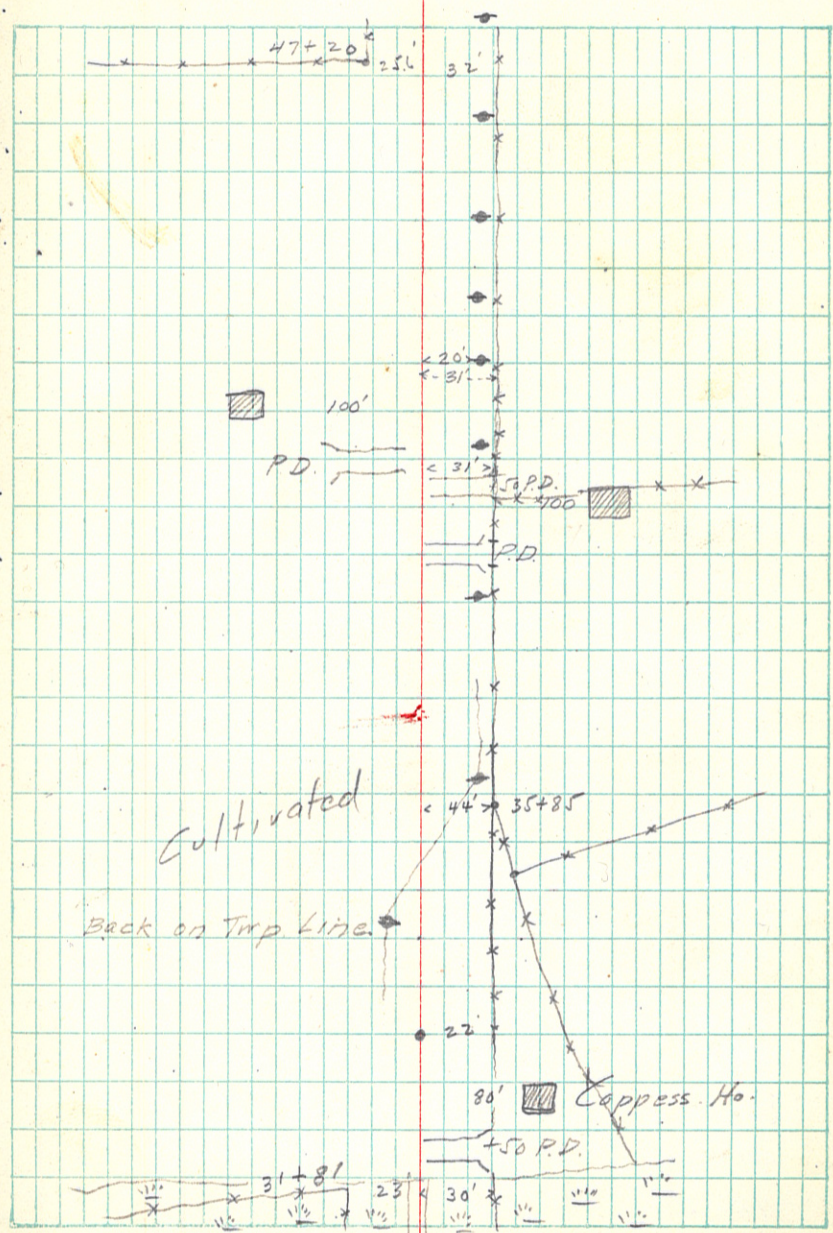
48

+75	8°57'	$\Delta 52^{\circ}06'47''$
+50	6°12'	D. 22°
+25	3°27'	P.I. 21+21.7
20	0°42'	T. 128.1
+93.6	PC. 22+04.1	PC. 19+93.6
19		L. 236.8
18		P.T. 22+30.4
17		R. 262.04
16		
15		
14		
13	+29.5 = 2" Iron pipe - 1/6 Cor.	
12		
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		
0	Iron Man	

6-7-20.
CJW-CJB-MMH.
Bright & warm.



47			
46			
45			
44			
43			
42			
41			
40			
39			
38			
37			
+95.9 P.T.	18°10' ✓		
+75	16°29' ✓		
+50	14°29' ✓		
+25	12°29' ✓		
36	10°29' ✓		
+75	8°29' ✓		
+50	6°29' ✓		
+25	4°29' ✓	Δ 36°20' Lt.	2359.26
35	2°29' ✓	D. 16°	
+68.9 P.C. 16° Lt.		P.I. 35+86.8	
		T. 117.9	
		P.C. 34+68.9	
		Lc 227.0	
		P.T. 36+95.9	
34			
33			
32			
31			



+72.6 Δ

55

54

53

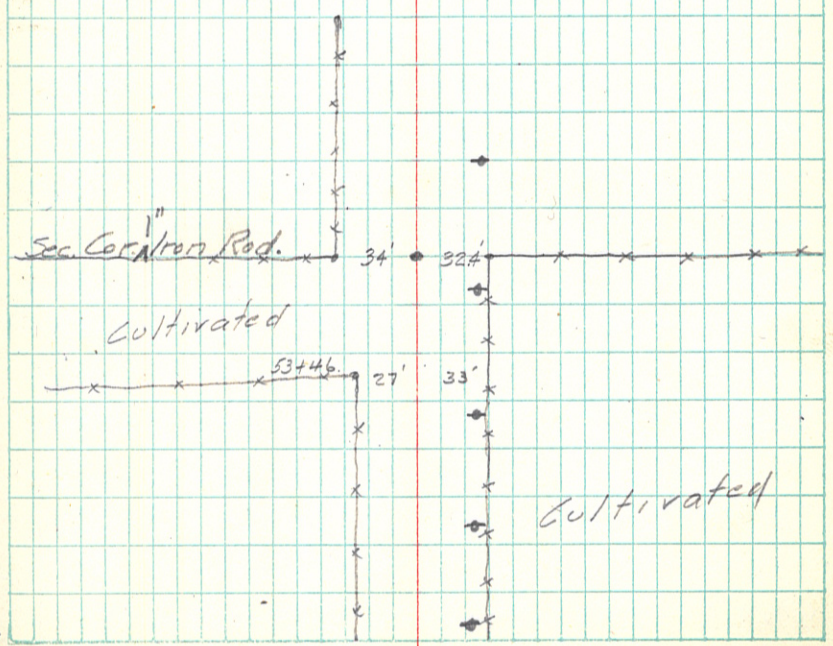
52

51

50

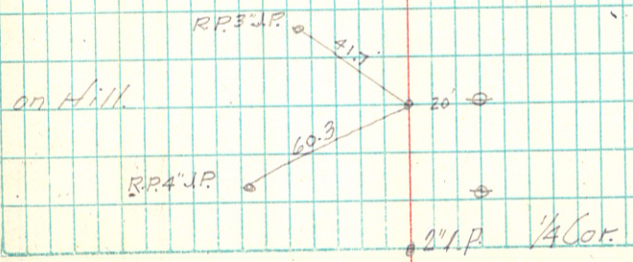
49

48



+75	5°25'		
+50	3°25'		
+25	1°25'	N 54°30' W.	Δ 35°00' D 16°
+07.3	PC. 16°GR		PT. 102+20.2 T. 112.9 PC. 101+07.3
101			LC 2 18.8
100			PT. 103+26.1 R=358.1
99			
98			
97			
96			
95			
94			
93			
92			
91			
90			
89			
88			
87			
86			
85			
+84.7	⊙	1x2 Hub. 2' N. of N. wheel track	
84			
83			
82+14:			

Log R. 2.554004
 tan Log $\frac{1}{2}I = 9.498722$
 Log T. = 2.052726
 T = 112.9
 Def. per ft. = 4.8'
 Def. per 25' = 2°00'

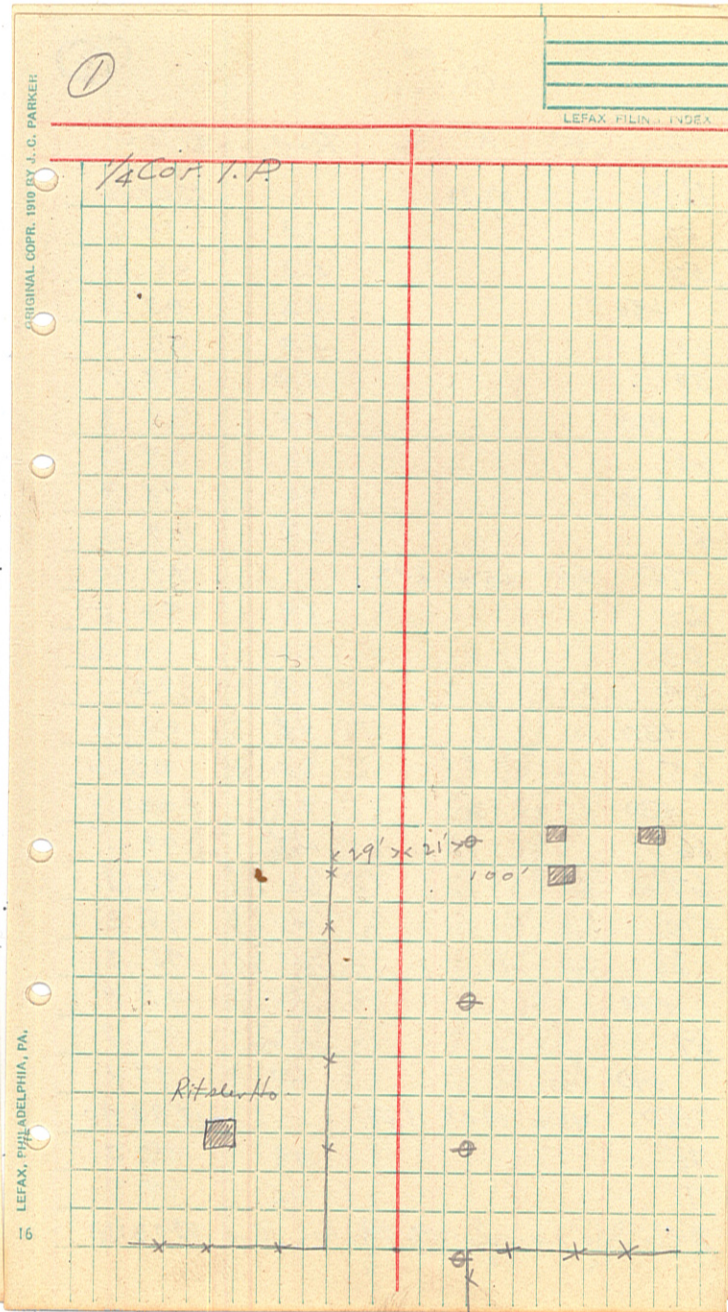


N54°30'W. Tan. 8°30'

+26 ¹	P.T.	17°30'
103		15°25'
+75		13°25'
+50		11°25'
+25		9°25'
102		7°25'

①

714 ⁰	○	
82		
81		
80		
79		
78		
77		
76		
75		
74		
73		
72		
71		
70		
69		
68		
67		
66		
65	○	1x2 rut in ctr of road.
64		
63		
62		
61		
60		
59		
58		West 8°30' Var.
57		
56		
55+72.6	○	0" R. Sec. Cor. Iron Bar. 589°45' S W. Var 8°30'



(2)

⊙	+	π	-	Rod	Elev
B.M.	4.57	07.73			1303.16
56				7.9	99.8
57				5.3	02.4
+50				4.6	03.1
58				5.0	02.7
59				8.0	99.7
+20				8.4	99.3
60				8.5	99.2
+50				8.8	98.9
61				8.7	99.0
T.P.	5.80	05.41	8.12		99.61
62				5.9	99.5
63				5.2	00.2
64				2.3	03.1
+30				1.8	03.6
65				2.0	03.4
+30				2.5	02.9
66				4.9	00.5
67				8.6	96.8
+70				10.1	95.3
68				10.1	95.3
+40				9.5	95.9
69				7.6	97.8
+40				6.3	99.1
T.P.	4.32	04.22	5.51		1299.90
70				4.9	99.3
71				4.5	99.7
B.M.			2.09		1302.13

(2)

04.22
209
1302.13

LEFAX FILM INDEX

Left ← Right

L.	2.0	2.6	2.2	L	1.9		
	2.0	1.9	1.1	L	1.8	L.	
L.	1.6	2.1	1.6		1.9	1.4	L.
	2.1	2.6	9		1.1	1.3	
	2.3	2.8	4		2.4	1.8	L.
	2.8	2.7	10		1.5	1.8	
L.	2.8	3.3	L	L	2.0		
	2.9	2.8	13	L	1.8		
	5.4	6.0	L	L	3.2		
	3.0	2.9	11	L	3.0		
	7.3	10.1	8.9	L	11.8	11.5	11.0
	3.0	2.4	17	L	2.1	2.6	3.0
	8.4	11.9	10.3	L	14.8	14.3	
	3.0	2.4	18	L	1.7	3.0	
	8.3	11.4	4	L	15.7	15.4	
	3.0	2.3	17	L	2.6	3.0	
L.	1.5	10.0	4	L	15.6		
	2.9	2.0	13	L	3.0		
	6.4	6.8	L	L	7.0	7.9	
	3.0	1.2	8	L	6.6	3.0	
	4.	7.1	L	L	1.7	2.3	
		1.7	9	L	1.7	2.6	

old BM on N. side of Road. Sp. in 8" dip

LEFAX, PHILADELPHIA, PA.
16

○	+	π	-	Rod.	Elv.
T.P.	8.27	13 03.11			1294.84
83				7.9	95.2
84				6.2	96.9
85	+8.5			4.6	98.5
85				4.8	98.3
	+4.0			5.7	97.4
86				8.6	94.5
T.P.	1.05	12 91.39	12.77		1290.34
87				1.7	89.7
	+7.5			5.2	86.2
88				6.0	85.4
89				6.3	85.1
90				6.6	84.8
T.P.	3.84	12 88.80	6.43		1284.96
91				3.9	84.9
92				3.8	85.0
93				4.4	84.4
94				4.7	84.1
95				5.1	83.7
96				5.4	83.4
97				5.6	83.2
98				5.6	83.2
T.P.	3.06	12 86.59	5.27		1283.53
99				4.4	82.2
100				4.6	82.0

L		R	
On 1/4 Cor. tape @ 82+14:			
	8.8	L	7.5
	3.0	L	27
			71
			28
			L
L	7.0	L	6.6
	2.5	L	21
			5.5
			25
			L
	5.4	L	4.8
	2.3	L	16
			5.4
			22
			2.9
			L
L	5.0	L	5.2
	2.1	L	3.0
			L
L	5.6	L	
	2.6	L	
			L
L	7.2	L	9.5
	2.5	L	2.0
			6.9
			2.5
			L
Higher than 823-33			
	3.3	L	2.4
	2.7	L	7
			1.6
			1.1
			2.4
			3.0
			L
			Edge of swamp
L	6.7	L	6.7
	1.4	L	7
			1.6
			L
L	7.4	L	7.0
	1.3	L	1.2
			L
L	7.3	L	4
	1.3	L	7.4
			1.3
			L
L	4.4	L	4
	1.0	L	4.5
			6
			L
L	4.7	L	6
	1.2	L	4.3
			8
L	4.7	L	4.5
	1.3	L	9
			L
L	5.3	L	4.7
	1.4	L	7
			5.0
			1.5
L	5.4	L	5.4
	8	L	5.3
			1.5
			L
L	5.9	L	10
	9	L	5.7
			1.6
			L
L	6.0	L	5.8
	1.0	L	10
			6.2
			1.7
			L
			L

Δ L.
52°06'

Δ R.
33°12'
55°14' R

88°26'

88°26'
52°06'
36°20'

8 36
2 07
10 43

12 51
2 07
14 58

17 06
2 08
19 14

21 5
2 07 1/2
4
2 14

21 21
2 07
23 28

16.5

22

33 0

33 0

36 3

Apple Grease.
 W. Bong.
 8. Rods.
 Corners notes.
 Corduroy material.
 Speedometer on truck.

35 + 86.8

24.8
23.7
0.8

33° 12' R.

2570.12

1303.11
 12.77
 1290.34

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

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

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