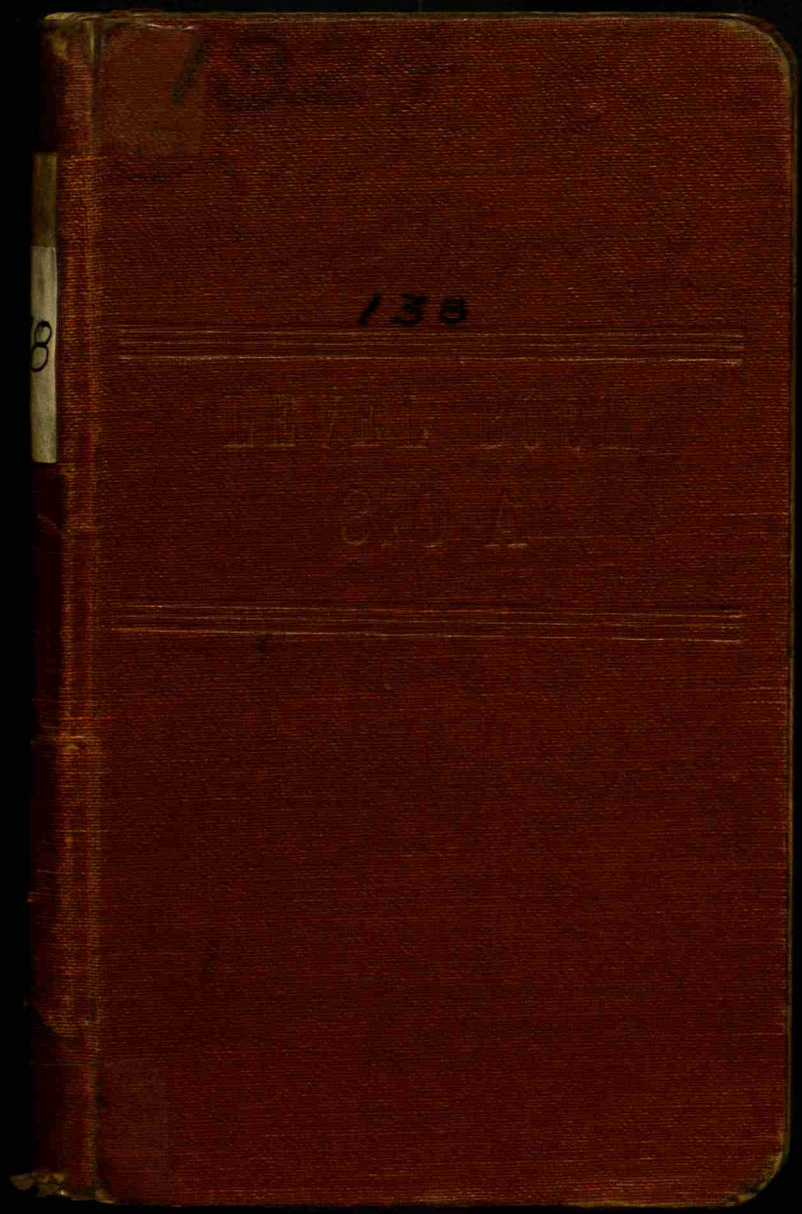


← A4 →

← LETTER →



139

8

LEVEL BOOK
3 1/2 x 5 1/2

2

\$900/00

Kellum

Guitfond

3

\$8000⁰⁰

Clarks Creek Guilford

6 \$1500⁰⁰

7 Parsons Washington

\$ 6000⁰⁰

Hadley Clay

9

ID 2700⁰⁰
Contractor King
Price 2683⁰⁰
Extra Work

Edmonson Liberty ¹¹

1924 Payments
Jan 800⁰⁰

Jan 1

← A4 →
LETTER →
1029000/00

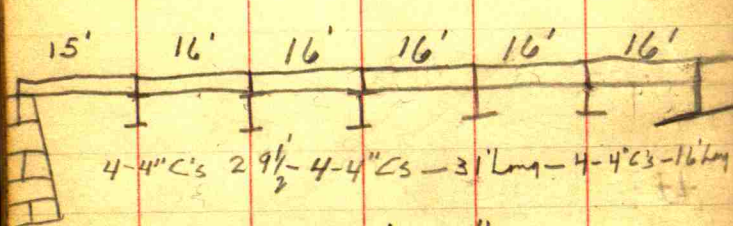
13
Bridge Repair

16

Hoadley.

Max. width steel 13'-6"

" " Floor 14'-0"



O.W 120'-6"

Floor 120'-6" x 14'-0"

New Stringers Req'd

Fairfield

6 Lines 6" I's and 2 lines 6" C's
in place - Paint all steel in

floor system —

6-15' panels CC Bolts

16' Roadway —

Max spacing in steel 15'-6"

OL = 90'-6"

17

8

10I-15

90

110X14

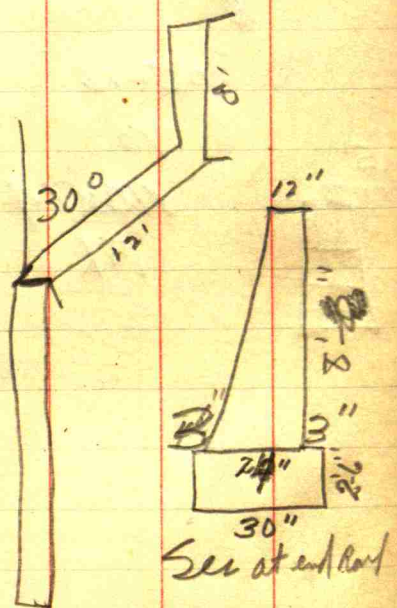
14X

Sanders Repair of NW wing

Wind Mill Roof

$$\begin{array}{r} 23 \\ 2 \overline{) 46} \\ \underline{44} \\ 2 \end{array}$$

$$\begin{array}{r} 1157 \\ 805 \overline{) 805} \\ \underline{805} \\ 0 \end{array}$$



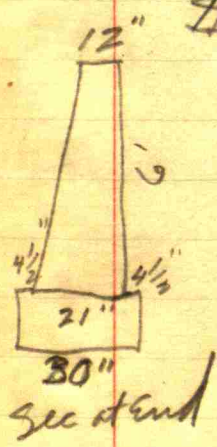
See at end of part

$$\frac{5}{2} \times 20 \times \frac{5}{2} = 125 \text{ cu ft}$$

$$\begin{array}{r} 5 \quad 23 \\ 7 \times 20 \times 69 \\ \underline{48} \\ 16 \\ 4 \end{array} = \frac{805}{4} = 201 \text{ Ca ft}$$

Danville Indiana

$$\begin{array}{r} 12.1 \\ 15 \overline{) 181.50} \\ \underline{121} \\ 605 \\ \underline{605} \\ 0 \end{array}$$



See at end

$$\begin{array}{r} 27 \overline{) 326} \\ \underline{27} \\ 56 \\ \underline{54} \\ 20 \end{array} \quad / 12.1 \text{ cu yds}$$

Crossings

- | | | | |
|----|------------------------------------|--------------|-------------------------------------|
| 1. | $5\frac{1}{2} \times 7\frac{1}{2}$ | 2. | $5\frac{1}{2} \times 7$ |
| 3 | $5\frac{1}{2} \times 6\frac{1}{2}$ | 4 | $5\frac{1}{2} \times 7$ |
| 5 | $5\frac{1}{2} \times 7$ | 6 | $5\frac{1}{2} \times 5\frac{1}{2}$ |
| 9 | $5\frac{1}{2} \times 8\frac{1}{2}$ | 10 | $5\frac{1}{2} \times 7\frac{1}{2}$ |
| 7 | $5\frac{1}{2} \times 7\frac{1}{2}$ | 8 | $5\frac{1}{2} \times 6\frac{1}{2}$ |
| 11 | $5\frac{1}{2} \times 8\frac{1}{2}$ | 12 | $5\frac{1}{2} \times 13\frac{1}{2}$ |
| 13 | 0 x 0 | 14 | 0 x 0 |
| 15 | 0 x 0 | 16 | 0 x 0 |

-
- | | | | |
|---|------------------------------------|---|------------------------------------|
| 1 | $6 \times 5\frac{1}{2}$ | 2 | $9 \times 5\frac{1}{2}$ |
| 3 | $2\frac{1}{2} \times 5\frac{1}{2}$ | 4 | $9\frac{1}{2} \times 5\frac{1}{2}$ |

College Gym

① St. 6' W + 1' S - SW cor 100.00

W of 2' W of ① 99.75

② 100.00

③ 100.00

④ 100.00

⑤ 100.00

⑥ 100.00

⑦ 100.00

⑧ 100.00

⑨ 100.00

7. L. Tile 92.75

NW cor of Bldg St.

N of New Alley St.

32

Leachman

Stake at House 104.00

7 L. Biley ~~75.00~~ 74.60

0+00 99.54 95.00 Hdwp

0+15 ⁵⁰⁰ 100.25 95.04 5.21

0+50 100.42 95.12 5.30

1+00 100.42 95.25 5.17

1+50 101.35 95.37 5.98

2+00 101.58 95.50 6.08

2+50 102.90 95.63 7.27

3+10 104.00 95.78 8.22

33

Stake 15.60 8' above S Footing
 S. Footing 8.60
 Water level 8.10 ~~FT~~
 N. Footing El. 4.70

Russell N. Abut. ~~5~~
 Extra Dept Ave-18"

$$24 \times 9 \times 4.5 = 972$$

$$30 \times 5 \times 4.5 \times 2 = 1350$$

$$\begin{array}{r} 27 \overline{) 2422} \\ \underline{189} \\ 532 \\ \underline{477} \\ 55 \end{array} \begin{array}{l} \\ \\ \\ \\ 90 \end{array}$$

$$\text{Wet Exc.} = 2.00$$

$$\text{Casing} = 1.00$$

$$\text{Gravel} = 1.25$$

$$\text{Cement} = 3.25$$

$$\text{Paving} = 1.50$$

$$9.00 \times 90 = 810.00$$

30 Cu yds Conc
 @ \$10.00 = \$300⁰⁰
 or amt due contractor
 on acct extra footings

Sta 20 - Grade same

Sta 21 - 77 Lower

Sta ²¹⁺⁵⁰22 - ^{1.15}1.45 Lower

Sta 23 - 2.22 Lower

Sta ²³⁺⁵⁰24 - 2.60 Lower

Sta 24+00 - 3.00 Lower

Sta 25+00 - 3.77 Lower

Sta ²⁵⁺⁵⁰26 - 4.15 Lower

Sta 26+00 - 4.54 Lower

Sta 26+50 Grade 5' Lower

Sta 27+00 174.00

Sta 28+00 171.40

Sta 28+50

Sta 29+00 168.70

Sta 30+00 166.50 163.20

W-22' - E 21

W-24' - E 24'

W-26' - E 25'

W-23' - E 26'

W-32' - E-35'

W-33' - E-37'

W-30' - E-37'

W-30' - E-39'

	New	Point	Stk	
0+00	195.28	19500		Ad
1+00	195.75	19500	19625	5'6"
2+00	196.22	19600	19722	5'6"
3+00	196.70	197.15	19720	6"
4+00	197.17	19720	19717	Ad
5+00	197.64	197.40	19760	Ad
6+00	197.66	19700	19766	Ad
7+00	197.67	196.85	19717	6"
8+00	197.69	196.80	19715	Ad
9+00	197.70	196.10	19720	7'9"
10+00	197.72	196.10	19622	7'8"
11+00	197.25	195.85	19675	7'9"
12+00	196.67	194.40	19717	9'9"
13+00	196.10	193.40	19560	9'9"
14+00	195.83	193.55	19383	9'9"
15+00	195.36	194.00	19486	9'9"
16+00	194.89	194.40	19589	9'9"

BM

El. 200.00
SE cor Post 0+00

0+00	200.00	200.00		
1+00	199.50	199.50	199.50	
2+00	199.00	199.00	199.00	
3+00	198.50	198.50	198.50	
4+00	198.00	198.00	198.00	
5+00	197.50	197.50	197.50	
6+00	197.00	197.00	197.00	
7+00	196.50	196.50	196.50	
8+00	196.00	196.00	196.00	
9+00	195.50	195.50	195.50	
10+00	195.00	195.00	195.00	
11+00	194.50	194.50	194.50	
12+00	194.00	194.00	194.00	
13+00	193.50	193.50	193.50	
14+00	193.00	193.00	193.00	
15+00	192.50	192.50	192.50	
16+00	192.00	192.00	192.00	

194.20
W 14+50
Culvert 14+50

Sta	New	Prev	Gd	
Sta	hd	&	St.	
17	19442	195.00	19642	C 2'
18	19394	194.85	19644	C 2 1/2'
19	19347	192.70	19497	C 1 1/2'
20	19300	190.20	18850	C 7 1/2'
21	18963	18760	18813	C 1 1/2'
21+50	18785	189.60	19335	C 5 1/2'
22	18625	188.40	19425	(C 8')
23	18268	184.28	18318	7 6"
23+50	180.95	182.20		Ad.
24	17920	185.40	18475	C 5 1/2'
25	17573	191.50	19223	C 17'
25+50	174.00	189.80	191.00	C 17'
26	172.26	186.26	18676	C 14 1/2'
26+50	170.50	181.20	181.00	C 10 1/2'
27	16873	171.80	17223	C 3 1/2'
27+50	167.00	162.00	174.00	C 7'
28	16328			
28+50	16350	167.85	170.50	7 c
28+50				
29	161.75	16320	16875	C 7'
29+50	161.75		16775	C 6'

Hdwf.
14225
Sta 29+50

173.05			
183.42			
172.10			
188.00			
165.80			

20	161.75	164.75	163	
30+50	164.25	162.50	164.25	33
31+00	166.75	170.50	179.25	13
31+50	169.25			
32+00	171.75	175.85	181.25	94 ✓
33+00	175.50	181.30	184.25	74 ✓
33+25	175.00			40 W
34	172.00	189.85		50 W 50 E
35	164.00	187.20	185.20	189.20
36	156.00	181.82	179.30	184.50
37	148.00	175.75	171.50	179.70
38	140.00	168.67	164.25	172.00
39+00	132.00	161.60	156.60	166.60
Top S. Plat	130.17	130.50		
39+40				
Top N.H.	129.50	129.50		
40+80				
41+00	129.50		102.36	102.79
42+00	129.50		106.31	105.07
43+00	129.50		110.60	110.25
44+00	129.50	116.74	118.60	118.63

Reset tapes

163.15	£	5th 30+50
158.10	0	
146.95	0	
150.10	0	
161.09	0	SE 22 SW-20
172.40	0	
179.32	0	
162.92	0	
151.66	0	
140.50	0	

West Price £

East

50	102.79	50	102.79
50	104.75	50	104.75
50	110.09	50	110.09
21	115.43	30.5	115.26
21	118.63	40	115.77

48 Peacock Eli Wood

PT SE⁴ SW⁴ - 26-15 E - 130-515

NE⁴ SE⁴ - 10-14-1E = 40 Acres

NW⁴ SW⁴ and W² NE⁴ of SW⁴ 11-14-1E

also pt of S² SW⁴ Sec 11-14-1E -
Beg at pt on East line of said half
quarter - which is 14⁵⁰ chais N. of SE
corner thereof and running thence West
6.75^{ch} thence S-3.37¹/₂ chais. Thence
S 75¹/₂° west. 3.12¹/₂^{ch}. Thence south
1.12¹/₂ ch. Thence W 7.75 ch.
Thence N 80° W 4.60 ch. Thence N
10¹/₄° W. 4.84 ch. Thence N 1° W. 5.21 ch.
to line running E + W thru
center of SW⁴ Thence east along
said line 23.89 ch. to line running
N + S thru center of said Sec 11.
Thence S-5.50 ch to place

Peacock Eli + wife

49

PT NE⁴ SE⁴ 131-68

= 60 Acres

7 of beg. cont. 21.34 acres more or less.

also pt SE⁴ SW⁴ 11-14-1E -

Beg at pt on E line of QQ - 40 rods N of
SE cor. thereof and running thence W-39R
7¹/₂ feet - Thence N 4 rods - Thence
E - 12R 7¹/₂ ft. Thence N 14R -
Thence E - 27R - to E line of QQ
Thence S on said line to place
beg. Cont 3.34A more or less

52

59

60

61

£

186.19

187.95

189.51

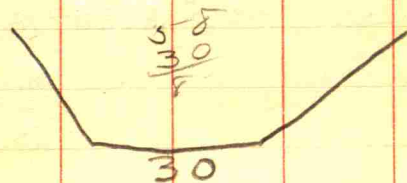
53

33

36-14' Cut

55

190	189
<u>178</u>	<u>167</u>
12	22
	<u>8</u>
	14



44

14

176

44

21616

2014

2051

2092

27

39800

21

38

1200

094	26
<u>54</u>	
70000	
<u>1400</u>	
209	
<u>202</u>	

666

24

600

41

64

21616

00

49

Sta 56

	B.M.	Top N. about	Top S. about	Σ
	129.50			
	130.45			
	27'	21' W	16' W	
39+00	145.54	144.60	138.63	138.28
			23 W	
38+00			154.34	149.47
			4' W	
37+00	33	13'	160.20	159.65
	170.15	170.15		
	32	14		
36+00	40		174.64	174.46
	170.33	178.49	178.20	
			30	
35+00			182.81	181.31
			22	
34+00			181.65	181.37
33+67				180.61

172.33

	12' E	15'	32'	New Σ
	138.14	144.77	147.21	132.50
	17. E	22	30	
	150.27	153.78	155.76	141.50
	7'	14' E	37' E	
	160.72	169.30	169.50	150.50
	5'	21	14	
	175.54	179.98	180.16	38'
	32			180.83
	182.41			159.50
	25			168.50
	181.59			177.50
				180.50

57

John M. Russell Rd.

Be. - 39+40 -	100.00	Cut
39+70	100.00	104.00 4'-0"
39+0	102.00	107.00 5'-0"
38+0	111.00	120.00 9'-0"
37+0	120.00	129.00 9'-0"
36+0	129.00	137.00 8'-0"
35+0	138.00	144.00 6'-0"
34+0	147.00	150.00 3'-0"
33+50	149.50	149.50 0'-0"
33+0	148.50	148.50 0'-0"
32+0	142.50	144.50 2'-0"
31+0	136.50	139.25
30+0	130.50	

- ⊙ 108.81
- ⊙ 119.99
- ⊙ 131.59
- ⊙ 140.90
- ⊙ 150.00
- ⊙ 142.32

120.00
120.00
18.00

61

137.00
129
8.00

0.12
5
.060

144.00

142.50

25

181

Set. Stks. May

64

Grade stk Cut Check
Grade

39+40	130.70			
39+20	130.70	134.70	4'-0"	134.30
39+0	132.30	137.50	5'-20"	137.40
38+50	136.30	155.00	18'-0"	143.70
38+0	140.30	157.50	16'-0"	145.14
37+50	144.30	159.00	13'-0"	146.31
37+0	148.30	165.50	15'-0"	149.61
36+50	152.30	170.00	15'-0"	154.41
36+0	156.30	175.50	16'-0"	159.73
35+50	160.30	179.00	15'-0"	163.04
35+0	164.30	183.50	15'-0"	167.22
34+50	168.30	185.00	12'-0"	172.59
34+0	172.30	187.50	10'-0"	177.10
33+50	180.00	187.00	7'-0"	179.70
33+00	179.00			
32+50	176.00			
32+00	173.00			

1 0140.10

154.50
137
2 0148.07

3 0159.51

4 0166.61

17000 18000

155 15900

1500 14400

157.50

141.50

16.00

175.50

159.50

16.00

185

173

12

18350

16850

1500

0139.03

0149.57

0157.77

0166.04

0176.39

65

0129.21

66

B.M. 130.50
N. Abut. - 129.50

40+0 130.00

41+0 129.50

42+0 126.10

43+0 122.70

43+50 121.00

44+0 124.00

45+0 130.00

46+0 136.00

47+0 142.00 Gd. Break.

48+0 151.00

49+0 160.00

50+0 169.00

51+0 177.09 Gd. Break.

52+0 179.30

53+0 180.60

Sta. Gd.

41+0 129.65

42+0 129.45

129.62 43+0 129.25

127.50 43+50 126.65

126.84 44+0 124.00

126.65 44+50 127.00

45+0 130.00 129.20

45+50 133.00 132.02

46+0 136.00 135.64

46+50 139.00 144.26 5'-3"

47+0 142.00 142.53 0'-6"

47+50 146.50 149.60 3'-1"

48+0 151.00 159.48 8'-6"

48+50 155.50 164.23 8'-9"

49+0 160.00 166.88 6'-10½"

49+50 164.50 171.38 7'-2"

Sta 41+0 to 67
43+50 - 1.270

Sta. Cut. Fill.

0137.82

0149.15

0158.88

0168.76

0'-10"

1'-0"

0'-4½"

5'-3"

0'-6"

3'-1"

8'-6"

8'-9"

6'-10½"

7'-2"

68

cut Field

50+0	169.00	175.85	6'-10"
50+50	173.50	178.15	4'-8"
51+0	179.09	180.89	3'-9½"
51+50	178.65	181.10	2'-5½"
52+0	179.38	179.00	0'-4"
52+50	179.95		
53+0	180.60		

$$\begin{array}{r} 181.10 \\ 178.65 \\ \hline 2.45 \end{array}$$

$$\begin{array}{r} 175.85 \\ 169 \\ \hline 6.85 \end{array}$$

69

178.15

173.50

4.65

178.38

180.89

177.09

3.80

70 Russell Road.
Change in Grade.
Cut Sheet.

71

72

Cross section -

Russell Rd.

E 73

W
Sta.

E

① 131.26

45+0

30 25 14
122.10 123.80 128.30 128.348 18 30
127.90 123.21 122.15

② 141.10

③ 150.44

46+0

27 20 13
135.12 134.45 137.86 138.1610 20
137.59 129.90

slopes down 2'

slopedown 15' out

47+0

23 21 8 4
142.70 140.40 141.45 143.55 144.2218 25
143.65 139.20

48+0

60° down 21 16 5
157.00 160.05 151.90 151.4012 17 31
151.53 154.55 154.60

④ 160.15

49+0

25 21 11 8
161.50 163.50 166.42 163.2217 29
167.00 167.35

⑤ 168.17

50+0

20 16 10 8
171.80 173.35 175.06 173.90 174.6518 27
174.20 173.90

⑥ 177.20

51+0

F → 20 15 13
179.22 178.25 178.789 12 20 30
178.62 180.25 178.45 175.90 ← W

52+0

30 20 15 10
174.45 176.75 178.25 177.25 178.6014 24 27
178.45 179.20

53+0

20 15 10 8
178.53 178.50 178.58 180.04 180.1510 14 27
180.25 179.45 178.10

55+0

25 20 8
176.50 177.50 182.19 182.5117
182.15Sta 55+0 Def. h
20-26'

86 Est quantities and cost completing Co. line road 87

Sta 0+00-39+40 - 728 Yds	stone @ 2.60	= 1893.00
Sta 41+00-95+00 - 75 Yds	stone @ .60	= 45.00
Sta 0+00-39+40 - 728 Yds	Gravel @ 2.30	= 1674.00
Sta 41+00-95+00 - 1000 Yds	Gravel @ 2.20	= 2200.00
Painting steel bridge	3 coats and repin Nabit	= 300.00
Sta 37+50-39+40	800 Cu yds rock Exc @ 1.00	= 800.00
Sta 32+00-39+40	4000 Cu yds Earth Exc @ .40	= 1600.00
Selling fills and cuts	(sweet clover)	= 50.00
Finishing shoulders and	side ditches	
10 days roller and	grader @ 40 ⁰⁰	= 400 00

\$ 8962.00

136

Jordan Rd.

$$\begin{array}{r} \text{Int } \Delta = 1503 \\ \quad 90.00 \\ \hline 2 \overline{) 105^{\circ} 03'} \\ \hline \quad 52^{\circ} 31' \end{array}$$

$$\begin{array}{r} \text{Ext} = 21.9 \\ \quad 17 \\ \hline \quad 38.9 \end{array}$$

$$\begin{array}{r} 8 \overline{) 68} \end{array}$$

$$\begin{array}{r} 4 \overline{) 110.2} \end{array}$$

27.55 Cord

8° 30' ①

8° 30'

17° 00' ②

25° 30' ③

34° 00' ④

} d'

BM. 87.85

Ends Rail

① 87.50

140

John Arnold
Mallet House
Indianapolis

100⁰⁰

143

164 23

155 50

8 73