Hunt Road.

76

John M. Russell Road.

Frank Davis.
John W. Figg.
J. P. Johnson.

Begin on Co. line at NW cor. Mar. 7.; thence N. on said county line to a pub. highway runs E. in the NW 4 NW 4 - 6 - 16 - 2 W - viz. North Salem and Roachdale Road.

Stones -

NW - 19 - SW 18 p. 14
W 2 - 18 - off road.
NW - 18 - SW - 7 " "
W 2 - 7 - cross roads.
NW - 7 - SW - 6
W 2 6

Sta	Rd. Reading	Height of Instrument	Elevation of Curve	Elev. Grade	
B.M.	2.35	202.35			Mean-
0			195.22		
			195.21		
			195.25 ×		
			195.32		
			195.47		195.30
1			196.3		
			195.37		
			195.31 ×		
			196.48		
			196.22		195.93
2			197.08		
			196.22		
			196.42 +		
			196.48		
3			196.37		196.61
			197.48		
			198.54		
			198.1	+ 3	
			197.4	1	197.40
4			197.80		
			196.66		
			197.59	× R.	
			196.74		
			197.12		197.07

B.M. Cor Post SE Cor Cross Roads 200.00

Stone SW Cor Sec 18 Twp 16 & 20
Elm 24" dia S 38 W 46
Cor Post S. 45 E. 24'
0+17 - 12" Culvert

500' South of Sta. 0+00 a Stream 12" below Sta 0+00

5			8.		
			197.16		
			196.91		
			197.64	+ 6	
			196.98		
			197.4	✓	197.22
6			197.7		
			196.61		
			197.27	+ 6	
			196.91		
			197.62	✓	197.18
7			196.36		
			196.3		
			197.28	+ 7	
			196.72		
			197.12	✓	196.75
8			196.13		
			196.25		
			197.	+ 8	
			196.51		
			197.28	✓	196.63
9			196.37		
			196.2		
			195.8	+ 7	
			196.1		
			197.	✓	196.79

197.65

9+70 7W

+75 D.W

BS	9.05	288.43	K3		
10			195.84		
			196.81		
			196.72	x 10	
			196.73		
			196.[illegible]	✓	196.78
11			196.[illegible]		
			193.97		
			196.66	x 11	
			19[illegible]		
			197.[illegible]	✓	196.48
12			196.51		
			195.34		
			195.67	x 12	
			195.42		
			195.[illegible]	✓	196.11
13			195.[illegible]		
			194.06		
			194.31	x 13	
			194.05		
			19[illegible]	✓	194.75
14			192.88		
			193.35		
			193.9	x 14	
			193.3		
			193.9	✓	193.47

9+76 Line Fence West

193.70

15		194.61		
		193.52		
		194.31	× 15	
		193.42		
	170.92 ✓	192.95	✓	194.54
16		195.86		
		194.47		
		194.37	+ 16	
		194.72		
		196.12	✓	195.99
17		196.61		
		196.00		
		196.3	+ 17	
		196.28		
		197.30	✓	196.49
18		196.54		
18+56 Road E		196.59		
		195.98	+ 18	
		195.75		
		197.05	✓	196.38
19		195.97		
		195.76		
		193.24	+ 19	
		193.17		
		195.57	✓	194.51

14+54 - 14" Culvert

Cut Road 18+57

BM North Cl on Road 18+67
El. 195.36

14" Culvert under E. Road

Top R. 10'
Bot L 10'

Mean

20

191.53
191.63
188.4 v'
188.2
188.2

189.63

20+75

185.44
185.34
191.6
192.12
192.44 x
192.51

v 1 x 7 ½

24

182.50
177.43
180.88
186.12
187.85
189.53 x v'
189.11
189.27
189.57
182.5
177.43
180.88

Drive West 186.16
20 + 17 Fence W - Fence E
20 + 37 3' Box Culvert.
Sta 20 + 17. Stone on ℄
witnessed by 24" cottonwood W 21'

Sta 21 + 15 10" Bolt on
Start hole 20
Last hole 24

21+50

	151.4		
	192.0		
	192.11		
	192.49		
	192.6		
	192.7		
	193.05	21+50	
	193.47		
	193.70		
22	192.92		
	193.14		
	193.54		
	193.78	N	
	194.14		
	194.14	N	
	194.24		
23	[illegible]		
	187.3		
	187.11		
	187.99		
	187.94	23	
	187.65		
	186.44		
	187.3		
	187.66		

I

21+42 151.11
15' lower 190.5

B.M. Cor. wide
rock 150' N.E. da
21 da. 172.8

22+90 189.06
190.02 25 ft each side
190.18 down E. side

23+50

24

25

25+50

26

23+50

24

25

25.50

26

23+50 4x4 Box Culvert

Beginning at 23 add 10

2643.50

27

144.17
145.14
150.84
157.9
156.66
151.
144.81
140.55
128.47

25

136.
135.13
134.17
133.3
130.46
129.96
128.27
124.24
125.85
125.82

27+74 ~~[illegible]~~" sewer 8" Drain Tile
132.88 129.4 123.75 5 Kaw SE 40°
Concrete Header End

172 14
21 27
105
45

28+10 8" Drain Tile ⊥ to ℄
One Concrete Header

28+60

129.11
127.57 × 25.20
123.5

29

145.
132.
132.74
128.58
126.05
124.57
124.1

29+50

122.03 × 24.50
120.45
118.9

30

120.12
117.32
117.03
117.6
115.8
117.66

29+50 8" Drain Tile at 1 to 6
One Concrete Header

189.06
190.02

161

30+15. 8" Drain Tile at 1 to 6
One Concrete Header

31

132.55
129.02
125.6
123.5
129.25

31

32

162.3
134.91
133.75

3

33+15

141.91
139.15
123

32+65

155.7
153.75
152.99
150.94
153.1

3

33

161.67
160.12
160.56
159.77
159.37
158.65
158.9
157.67

180.47
179.92
179.36
178.57
178.17
177.45
177.76
176.47

3

31+5 8" Tile Header 145.6

32+82 8" Drain Tile 154.34
NE & SW Tree Headers

Culvt needed 32+57 – 12"
Culvt " 27+50 15"
" " 28+00 15"

178.82

188.40

182.20

173.00

	171		189.60
	171.4		190.00 ✓
	171.23		189.83
	170.91		189.51
	170.5		189.10
36	169.23		188.15
	169.4		188.32
	168.94	35	187.82 ✓
	168.9		187.32
	168.5		186.72
	166.47		185.39
34	164.72		183.37
	163.1		182.55
	161.82	34	181.37
	161.2		180.65 ✓
	160.6		180.05
	158.3		177.95
37	158.02	37	177.20
	156.77		175.45
	155.38 ✓		174.06 ✓
	152.54		171.52
	151.13		169.81

190.15 20 Level down at 45 to ℄ Horiz
down to 5 at 30° level to 70 and up at 30

New ℄

Old ℄.

39	156.31	160.00	Level
38	165.30	168.20	slope
37	172.70	176.00	slope
36	181.00	181.40	slope
35	186.36	186.36	Level
34	189.00	189.20	slope
33	176.88	178.75	slope
32	162.97	175.40	179.40 (80) slope
31 + 50	147.31	173.10	179.50 (40) slope
31	150.44	169.60	178.00 (40) slope
30	136.35	Level 145.00 (24)	slope E on 30° L
~~29 + 50~~	~~139.90~~		
~~29 + 00~~	~~141.40~~	~~slope up~~	
28 + 50	144.00	160.00 (40)	slope up at 45°
28	147.63	152.63 (30)	158.00 (40) up at 30
~~27~~	~~170.75~~	~~170.75~~	~~slope down at 45 to ℄~~
~~26~~	~~189.25~~	~~Level Dif at 80 to 26~~	~~then up at 45~~
~~25.50~~	~~193.84~~	26 - 189.25 - 191.25 (40)	Level
~~25~~	~~193.28~~		
25	193.28	Level Dif at 25 to 27	
28.80	159.50	up at 30° to ℄	Level
29	151.40	up at 45° to ℄	

.30	166.50			
31	168.00	152.18		170.94
32	170.00	[illegible]		167.80
33	169.50	147.70		166.55 ✓
34	164.00	145.42		167.01
		[illegible]		161.27
39		143.15		161.88
		[illegible]		157.30 ✓
		133.97		152.57
40		80.25	Water level	
41		77.25 ✓	Bed of stream	
		87.42		106.22
		82.5 ✓		104.30 ✓
		88.1		106.90
42		85.83		104.60
		86.55 ✓		105.32 ✓
		86.52 ✓		107.32
43		90.18		106.98
		91.05 ✓		109.85 ✓
		90.83		108.83
44		95.46		113.26
		95.36 ✓		114.16 ✓
		95.69		114.42
45		100.76		119.56
		101.84 ✓		120.64 ✓
		101.12		119.92

15

16

324
225
145

New

179

28
432
358
50.12
235
47.777.5
5.32
92.4

189
17.01

7845
9645

41+56 - 3 Box

2.045
1
152

1.04

924
7.8
1.74
174 112
167
28
45.92
7.37
53.55
5.33
43.88

Was 864
90% 675
189
179
172

189

173.50	158.25	114.50	130.95
		124.45	142.55
46		108.16	126.96
		108.06	126.56
		110.96	129.76
47		123.7	142.50
		127.75	146.
		130.4	149.20
		131.5	150.30
		135.61	154.41
		136	155.20
48		111.86	130.66
		113.4	132.20
		114.81	133.61
48+50		141.76	160.56
		141.95	160.75
		136.5	155.30
		134.95	153.75
		132.25	151.05
		127.4	146.20
		124.52	143.32
		116.21	135.01

41 — 106.30 ✓ 46 - 126.86 ✓
42 - 105.33 ✓
43 - 109.85 ✓ 46+40 - 131.70 (L)
44 - 114.16 ✓
45 - 120.64 ✓

48 ℄

48

per.

50	℄	20' E	30' E	60
47	150.30	149.20	148.00	slope stake at 45.0
47+50	155.00	150	130	128 (L)
48+00	130.20	128.35	130.60	133.20
48+50	153.75	161.30	163.55	166.00
49+00	152.20	163.00	168.00	170.00
49+50	163.40	168.50	172.50	174.50
50+00	165.80	168.10	170.10	174.00
51+00	177.30	180.50	182.50	183.30
52+00	181.63	184.10	185.10	
53+00	178.37			
54+00	183.75			

Offset from 52 back to old ℄ at 54+00

49	149	167.80
	145.6	164.48
	142.56	161.66
	136.6	155.40
	133.4	152.20
	128.77	147.50
	126.17	144.97
	123.57	142.37
	117.78	136.57
49+50	150.95	169.75
	145.95	164.75
	140.6	169.40
	138.9	157.70
	129.32	148.12
50	151.35	170.15
	149.	167.80
	146.5	165.30
	143.3	162.10
	140.8	159.60
	137.73	156.53
	124.58	143.38

Sta 50 + 95

51	168.76	A.	A.27	151.56
	158.52			177.30
	151.3			170.10
52	165.03			153.83
	164.95			183.70
	162.83			181.65
	158.54			179.34
53	161.53			180.33
	159.57			178.37
	157.5			176.30
	153.			171.80
54	164.5			183.30
	164.95			183.75
	163.3			182.10
55	165.7			184.50
	163.75			182.55
	162.4			180.20
56	163.3			187.10
	168			186.80
	166.1			184.96
56+75	167			185.80
	166.59			185.69
	163.71			182.57
57	166			185.80
	165.15			183.95
	163.09			180.89
	154			172.80

162.1

53 + 81 STONE

Stump 10" N15°W 10' Post S.5°W 24'

53+45 18" Gal.

54+40 Post 200' W

54+75 4" FT

57+20 R.W. W

57+47 18" 60° N E

63	172.9	191.70
	171.58	190.38
	173.65	192.48
	171.66	190.46
	172.94	191.84
64	172.7	191.50
	171.37	190.17
	172.5	191.30
	170.96	189.96
	172.36	191.16
65	171.6	190.40
	169.3	188.10
	170.4	189.20
	169.25	188.05
	170.85	189.65
66	170.85	189.65
	167.3	186.10
	168.7	187.50
	167.6	186.40
	169.64	188.44
67	167.6	186.40
	167.4	186.20
	168.4	187.20
	168.6	187.40

66+20 ℄

Sta 66+60 El. 183.15 Top of 19" Tile Culvert Bryd

Sta 67+05 - RW

Sta 67+60 Rx 60' W

68+38	170.45		189.25
	168.73		189.53
	169.9		188.70
	168.32		187.62
	170.9		189.70
69	171.15		190.30
	170.95		189.75
	171.85		190.68
	169.40	189.10	188.46
	170.3		
	169.40		
	171.51		
	169.10		
70	172.36		191.16
	171.35		190.55
	172.57		191.37
	171.09		189.89
	172.66		191.46
71	172.86		191.66
	171.8		190.60
	173.09		191.89
	171.6		190.40
	172.65		191.45
72	172.15		190.95
	171.75		190.55
	173.1		191.90
	171.42		190.22
	172.23		191.05

68+00 Pea 100' E
68+20 Drive W
68+40 Drive E
68+46 7 E

72+95 7 W

73	172.48	191.20
	171.72	190.52
	173.89	191.89
	171.66	190.46
	172.55	191.35
74	172.59	191.39
	171.85	190.65
	173.64	191.99
	171.9	190.70
	172.43	191.23
75	172.4	191.20
	171.95	190.55
	172.95	191.75
	171.63	190.43
	172.62	191.42
76	172.56	191.36
	171.85	190.65
	173	191.80
	172.56	191.36
	172.25	191.05
77	173.58	192.38
	172.3	191.10
	173.5	192.30
	172.25	191.05
	173.05	191.85

73+90 Res 1004

74+20 7E

74+41 Drive W

74+90 7W

78	174.12	192.92
	172.57	191.37
	173.57 ✓	✓ 192.31
	172.37	191.17
	173.54	192.38
79	172.93	191.73
	171.23	190.03
	172.54 ✓	✓ 191.34
	171.26	190.06
	172.61	191.41
80	171.57	190.37
	170.86	189.66
	171.92 ✓	✓ 190.72
	170.58	189.38
	171.35	190.15
81	171.00	189.80
	170.16	188.96
	172.01 ✓	✓ 190.81
	170.51	188.88
	171.9	190.20
82	171.4	190.20
	170.13	188.93
	171.63 ✓	190.43
	169.55	188.35
	171.5	190.30

79+40 Rd 400 E

80+27 Stone — 7 W — Rd E

Gr St. Sta 82. El 190.30
BM El. 195.05 Top Cement post E end
Sta 80 L 42

83	175.9	179.70
	169.05	188.85
	168.86	188.66
	168.9	187.70
	170.93	~~159.73~~
84	168.69	187.49
	168.60	187.48
	169.55	188.35
	168.66	187.45
	168.8	~~187.60~~
85	172.1	190.90
	170.19	188.99
	170.6	189.40
	169.48	188.28
	171.24	190.04
86	171.64	190.44
	170.64	189.44
	172.43	191.23
	170.4	189.20
	171.52	190.12
87	171.1	189.90
	170.37	189.17
	172.5	191.30
	170.6	189.40
	171.02	189.82

83+45 6" T 1/2
Outlet 100' F. El. 183.55

172 80 / 8 3

Culvert at ~~84+00~~ 84+00
Regd.
84+10 7 E 84+25 Bow 2+4

84+70 Res 6 0 E
85+10 Dive 6
85+15 7 E

Charles Weston Pershing
Da Ville
Ethland
Brewer Natall
United States America
Hardings County

88	171.45		190.28
	176.0		189.40
	172.75		191.58
	170.8		189.60
	171.2		190.00
89	172.3		191.10
	171.22		190.02
	172.76		191.76
	171.41		190.21
	172.3		191.10
90	173.39		192.19
	171.9		190.70
	173.2		192.00
	171.95		190.75
	173.16		191.96
91	174.52		193.32
	172.61		191.41
	173.7		192.50
	172.78		191.58
	174.04		192.84
92	175.87		193.84
	173.7		192.50
	175.00		193.80
	173.84		192.64
	174.55		193.55

91+80 7W

93+70 Res. 60W

93+80 Dim W

93	175.7	194.50
	174.4	193.20
	175.36	194.66
	174.96	193.76
	175.77	194.57
94	174.6	193.40
	173.11	191.91
	174.45	193.25
	173.55	191.35
	174.5	193.30
95	172.6	191.40
	172.17	190.97
	173.8	192.60
	172	190.80
	172.65	191.45
96	172.35	191.15
	171.6	190.40
	173.35	192.15
	171.97	190.77
	172.25	191.05
97	173.2	192.00
	171.61	190.41
	173.73	192.23
	171.71	190.51
	172.78	191.5

96+15 Drive E

96+81 7. E + PL E. Bam 20 W

98+00 Drive Ward Rd 50 E

98+40 R 7 W

98+80 Drive E

98	172.43	191.23
	171.75	190.55
	172.31	191.11
	171.3	190.10
	171.91	190.71
99	171.17	189.97
	170.25	189.05
	171.63	190.43
	169.94	188.74
	171.2	190.01
100	170.27	189.07
	169.4	188.20
	171.1	189.91
	169.15	187.98
	170.32	189.12
101	170.32	189.12
	169.2	188.00
	171.02	189.82
	169.17	187.97
	170.74	189.54
102	170.22	189.02
	169.3	188.10
	170.94	189.74
	169.26	188.06
	170.5	188.85

99+50 72 + PL 2
Calc't Rod 99+50

103	170.44	189.24
	169.35	188.15
	171.14	189.94
	169.4	188.20
	170.8	189.60
104	170.9	189.70
	169.34	188.14
	171.43	190.23
	169.4	188.20
	170.90	189.55
105	171.66	190.46
	169.7	188.50
	171.7	190.50
	169.5	188.30
	170.69	189.89
106	[illegible]	189.92
	170.20	189.00
	171.45	190.25
	170.18	188.98
	170.85	189.65
107	170.3	189.10
	169.53	188.33
	171.44	190.24
	169.92	188.72
	170.31	189.11

104+96 - 7 ℄

105+75 7 ℄

106+10 Rad. 5 ℄

106+61 Stne. Rd W PL ℄

BM El. 194.15
Conc. Post W. side Sta 106+80
Cl. Tile 186.20
Top of 12" Tile

108	170.52	189.32
	169.56	188.56
	171.58	190.38
	169.98	188.78
	170.32	189.12
109	170.61	189.41
	169.57	188.37
	171.58	190.38
	170.13	188.93
	170.64	189.44
110	171.01	189.81
	169.92	188.72
	171.61	190.41
	170.43	189.23
	171.03	189.83
111	170.97	189.77
	170.03	188.83
	171.82	190.62
	170.55	189.35
	171.50	190.30
112	171.34	190.14
	170.4	189.20
	172.35	191.15
	170.86	189.66
	172.32	191.12

110+40 7W

111+40 7W

111+75 7E

112+50 Rec 6 DE

112+90 Dam W

113+40 Dam E

113+41 Rec 6 W

113	171.55		190.35
	172.01		190.81
	172.42		191.22
	172.15		190.95
	172.56		191.36
114	170.9		189.89
	169.9		188.70
	171.32		190.12
	170.4		189.20
	171.12		189.92
115	170		188.80
	169.62		188.42
	171.39		190.19
	169.9		188.70
	170.35		189.15
116	170.05		188.85
	169.4		188.20
	170.74		189.54
	169.44		188.24
	170.05		188.85
117	169.29		188.59
	169.85		188.35
	170.67		189.47
	169.25		188.05
	169.82		188.62

113+70 Tile Crosses ℄ Side

114+05 7 W

114+15 7 E 114+20 Dune E

114+2 Tile Crosses W Side

116+50 7 E

118	169.77	188.57
	169.37	188.17
	170.64	189.44
	169.84	187.84
	169.[illegible]	188.46
	169.00	
119	169.78	188.57
	169.34	188.16
	170.57	189.37
	169.03	187.83
	169.5	188.30
120	169.58	188.38
	169.5	188.30
	170.35	189.65
	169.06	187.87
	169.60	188.40
121	169.23	188.23
	169.2	188.00
	170.9	189.70
	169.5	188.30
	169.56	188.36
122	169.6	188.40
	169.33	188.13
	170.82	189.62
	169.28	188.08
	169.6	188.40

192.20
187.50
9 | 4.50
.50

192.00
189.50
4.50
.50 6.20

129.50

2.50
192.
189.64
2.94
5.35
1.32

5 | 2.95
59

1.18

123	170.2	189.00
	169.5	188.30
	170.9	189.70 ✓
	170.1	188.90
	170.75	189.55
124	172	190.80
	172.8	191.60 ✓
	171.3	190.10
	173	190.80
125	172.78	191.08
	171.06	189.86
	172.22	191.00 ✓
	170.8	189.60
	172.28	191.08
126	170.76	189.56
	169.9	188.70
	171.52	190.32 ✓
	169.82	188.62
	170.75	189.55
127	170.39	189.19
	169.66	188.46
	171.32	190.12 ✓
	169.77	188.57
	170.34	189.14

189.90 90.68

123+10.5 R of W line
189.70

BM El. 192.09
N. Rail 123+56

2 sewers at R.R. N.R. 173.23
18.86
192.09

7 L. Sewer S. of RR 187.95
" " " N. of RR 189.35

123+90 N R of W line

128	171.37	190.17
	169.77	188.57
	171.47 ✓	190.27 ✓
	169.2	188.00
	169.49	189.49
129	171.32	190.12
	169.65	188.45
	171.7 ✓	190.50 ✓
	169.17	187.97
	171.4	190.20
130	170.5	189.30
	168.77	187.57
	170.95 ✓	189.76 ✓
	169.1	187.90
	169.76	188.56
131	169.7	188.50
	168.38	187.18
	170.2 ✓	189.00 ✓
	168.9	187.70
	169.76	188.56
132	169.35	188.15
	168	186.80
	169.55 ✓	188.35 ✓
	168.2	187.00
	169.1	187.90

Culverts

Sta 9
Sta 14
Sta 20
Sta 21
" 23
" 28+50
" 30+
" 31+50
" 32+20
" 40 Bridge
" 48
" 49

Sta 53
" 57+50
" 57+50

From Point 40' E of Sta 58+0 at Stake marked 0+00 Lay 24" Tile W 90'-0" From 0+00 to 1+0 Lay tile in quarter circle to the North. Tile from 0 to 1+00 to be laid 4. W of Stakes. North 1+00 to 1+45 W of N. to 2+00, N to 2+85 15' L Header

133 { 168.92 / 168.88 / 168.67 / 168.1 / 169.97 }

187.72
187.68
187.97
186.90
188.25

Elev Road
169.14

134+49 169.14
1.80
187.94

133+27 Stone
Concrete Post S 45° W 25
Walnut 24" N. 30° W. 31'

Tile Top 182.45 10" 200'
North of Sta 134

Slope Stakes

Sta.	West	East
23+50	41	38
24+00	16	15.0
25+00	28.25	27.00
25+50	24.50	30.00
26+00	23.00	31.25
27+00	46.40	24.20
28+00	42.50	30.50
28+60	39.00	27.25
28+80	44.75	28.50
29+00	28.75	38.50
30+00	43.50	34.75

BM El 192.70
Sta 134 - Conc. Post W. Side

End of Road Sta 133+27

B.M. N.E. Cor. Lower Step Front Cor Avon School house

		T	Rd.	El	
		103.50			
Window Sill			2.65	100.85	
N.W. Cor of Side W			4.35	99.15	
Ditch at Road				91.15	
Tile outlet on W. Further Place.				81.15	
Basement Floor				90.55	
	A.M.C.	98.80			
0+00	90			99.15	
1+00	89.50		1.40	97.40	
1+40			.90	97.90	℄ Road
1+72			1.50	97.30	Ditch
2+00			1.00	97.80	
3+00			3.80	95.50	
4			5.10	93.70	
5			6.50	92.30	
6			7.56	91.24	
7			8.22	90.58	
8			9.05	89.75	
		95.16			
8+31			7.50	87.66	Brook
8+45			5.67	89.49	℄ Road
9+00			5.15	90.01	

94.50
7.50
91.00
4.16
95.16

Slope Stakes

49 Cut

W Side 48	41'-0"
48+50	29'-0"
49+00	47.5'
49+50	23' Cut
50+00	17'
51 Cut	
52 Cut	
53	23.5'

℄ Turn to N Side.

=⊙

N℄S

Begin Inter Sts.

	π	TR	El
10		9.00	86.16
11		9.90	85.26
12		10.10	85.06
13		10.45	84.71
14		11.00	84.16
15	85.86	2.30	83.56
16		2.50	83.36
17		3.85	82.01
18		5.40	80.46
19		6.65	79.21
20		8.65	77.21
21		10.60	75.26
22	~~74.16~~ 3	13.00	72.86
23	78.63	7.29	71.34
24		11.28	67.35
25		14.20	64.43
26	69.51	9.90	61.60
26+16		8.05	61.45
26+16		9.05	60.45
26+33		9.85	59.65

9.30 95.16

9.30

85.86

9863
10.37
68.26
125
69.51

85.56
723
7453
7410
78.63
724
71.34

other drain ends

Culvert El.
Ditch Bottom.
Border Plate Culvert under Railroad Tracks

		99.15			
		.07			
		99.22	Rod	El.	
				99.15	
0+00				99.15	
1+00			4.35	94.87	
2			5.30	93.92	
3			5.20	94.02	
4			5.65	93.57	
5			6.30	92.92	
6			7.05	92.17	
7			8.30	90.92	
8			9.55	89.67	
9		96.10	2.95	88.15	
10			4.75	86.35	
11			6.50	84.60	
12			8.10	83.00	
13			9.20	81.90	
13+8			11.35	79.75	Tile

99.22
.08
91.02
.07
94.10
11.35
79.75

90.25
90.75
10.70

.13
.40
5.20

drain outlet from Tailer House

Drain Route No I.

Drain Avon School Thru Lot Ters

Sta.	Av Ext	width	Cu. ft	Cu yds
0-1	7.26	2	14.52	
1-2	5.14	✓	10.28	
2-3	5.22	✓	10.44	
3-4	5.54	✓	11.08	
4-5	5.49	✓	10.98	
5-6	5.29	✓	10.58	
6-7	4.79	✓	9.58	
7-8	4.04	✓	8.08	
8-9	3.51	✓	7.02	
9-10	3.05	✓	6.10	
10-11	2.48	✓	4.96	
11-12	2.00	✓	4.00	
12-13	1.85	✓	3.70	
			11,132. =	412.29

By Kirkbride

Russell Road

62
63
64
65
66
66 + 59 10" Armco Tile Drain
67 + 25 10" Armco Stl Headers No 5
68
69
70
71
72
73
74
75
76
77
78
79
80
80 + 25 Stone Cement N 45° E 24'
Post 16' W
28' 10" Armco L Headers
81
82

Route No. 2.

Along Elec. Ry.

Sta.	Av Ht	Width	Cu. ft	Cu. yd.
0-1	8.53	3	25.59	
1-2	8.35	✓	25.05	
2-3	7.90	✓	23.70	
3-4	6.35	✓	12.70	
4-5	5.25	✓	10.50	
5-6	4.52	✓	9.04	
6-7	4.16	✓	8.32	
7-8	4.05	✓	8.10	
8-9	4.83	✓	9.66	
9-10	4.41	✓	8.82	
10-11	2.98	✓	5.96	
11-12	2.97	✓	5.94	
12-13	3.24	✓	6.48	
13-14	3.72	✓	7.44	
14-15	3.29	✓	6.58	
15-16	3.44	✓	6.88	
16-17	3.32	✓	6.64	
17-18	2.62	✓	5.24	
18-19	1.98	✓	3.96	
19-20	1.12	✓	2.24	
			19884.00	736.45

83

84 From E 10' Arco Tile Terminal

85 105

86 ~~106~~

87 106 + 66 ~~6289~~ 106+66

88 106 + 65 Tile 3'

89 Below ditch at 107

90 107+00

91 108+00

92 109+00 123+71 6" Clay Tile 15'

93 110

94 111

95 112

96 113

97 114

98 115

99 116

100 117

101 118

102 119

~~103~~ 120

~~104~~ 121

~~100~~ 122

103 123

104 123+~~28~~ 12"x12" V.T. Replace

Route 2A

Along Elec. Ry

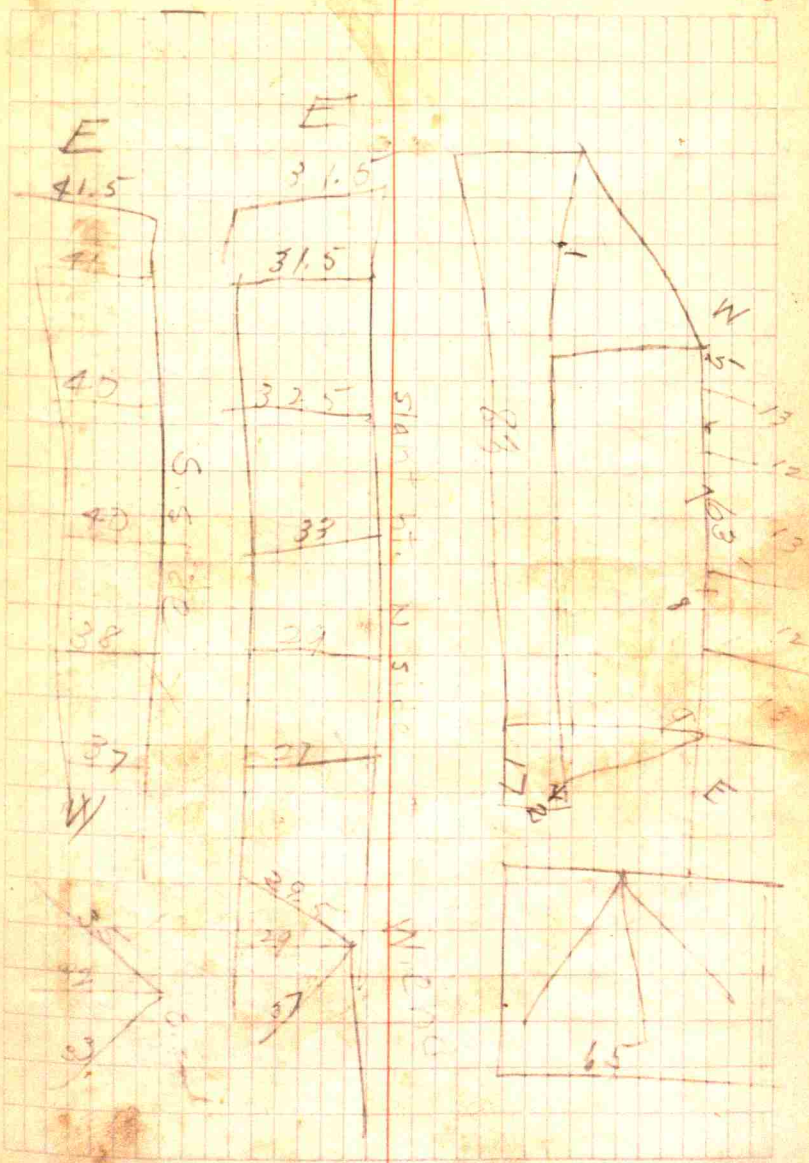
Sta	Av Ht	Width	Cu ft	Cu yd
16-17	3.64	✓	7.38	
17-18	3.57	✓	7.14	
18-19	3.56	✓	7.12	
19-20	3.33	✓	6.66	
20-21	2.76	✓	5.52	
21-22	2.50	✓	5.00	
22-23	3.02	✓	6.04	
23-24	2.75	✓	5.50	
24-25	1.77	✓	3.54	
25-26	1.97	✓	3.94	
			5791.00	214.48
Sta. 0+00 to 16+00			18076.00	669.48
				883.96

Shockley Grove 5/22 22

1.	4.46	14.46.	—	10.00 ✓
2.	12.20	14.05	4.60	9.86 ✓
3 ⊙ 90 high w.b.		26.25 ✓ 26.59	.41	
4 ⊙	5.45	30.03 ✓	1.67	
5.			4.88	25.15
6.			4.20	25.83
7			3.61	26.42
8			3.30	26.73
9			3.25	26.78

1728 yards

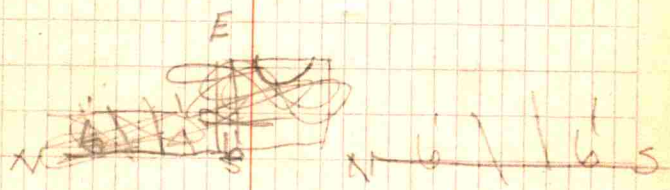
35 Durham (Jordan)
30 Earl Schaeffer



— Christie Road —
Put 12" iron sewer with
L header — 6' arms at Rock
ville Rd. — clean out side
ditch West to Bridge

Concrete arch culvert at Sta.
13 — new 16' 9" 12 ft skew —
Add 5'-0" each end — finish
off ~~wall~~ top of wall and wings
first. Make header walls
as shown. Present arch
culvert is 3' 4" span — 3'-5"
rise above bed — 1' rise from
spring line.

Sta. ? 300' N. of Downard
house — Put new 6' box cul-
vert 24' r & w — str't wings
Present rise is 4'-10" — see profile
as to rise of new bridge —



Sta. 68+90 - 30" sewer
15' long. Add 9' with
4' header ways 11 to ftwy -
Space addition to center
completed sewer in road.

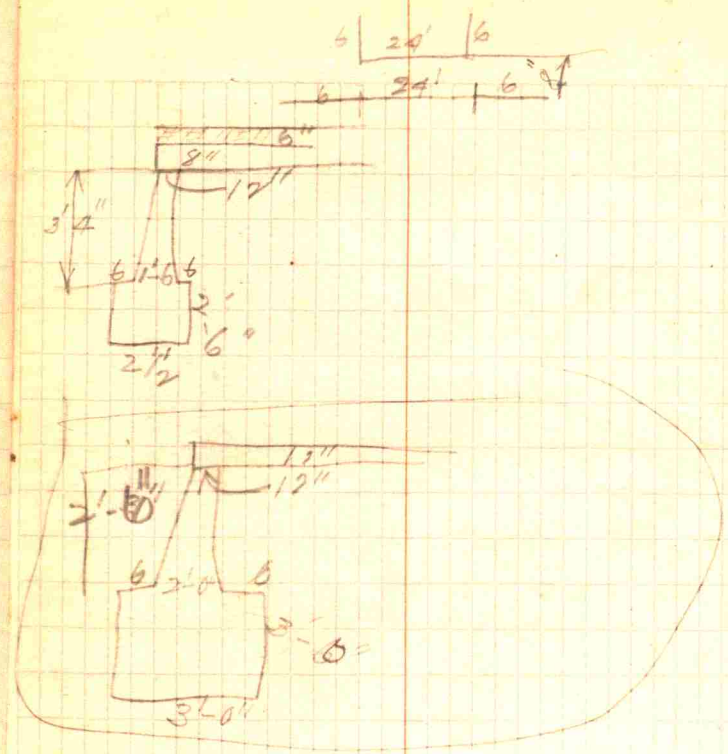
Bridge at Sta. 101+40 to ℄

Bed 14' - 3" - Floor above
S. abut. 1'-0". 18'-0" Wide.

Henry Hunt Road
On N. side Rochester Rd. put
8' slab bridge - 24' rdwy -
4½' bed to top of slab -

Second bridge about
station 3 -

rise 3'-9" to present rdwy.
span 12' - rdwy - 20'-0"



Levels for Tile on Russel Road Beginning 40' W. of Sta. 48+00 Reading 4' Left of Stake

Sta	El.	
0+00	127.65	
0+70		
0+70	130.40	Bed
0+85	133.90	
0+95	135.70	No Stake
1+00	132.00	
1+12	134.53	
1+45	138.03	
BM	137.84	High Point Granite Rock 4' across opposite Sta 49 & Dist. 30'
1+80	136.30	
2+00	143.85	
2+10	143.60	
2+18	140.33	
2+50	142.73	
2+85	143.90	
3+00	147.70	End of L Header
15' W 2+85	148.05	" " " "

27

C 40' 30' 15' 15 30' W

172.92 | 178.10 | 176.30 | 170.75 | 164.60 | 159.94 | 155.95

28

152.57 30' 147.63 30' 144.12

28+60

168.10 ~~40~~ 143.25 ~~40'~~ 142.30

~~172.5~~ 30 48+80 30

172.30 158.30 147.94

29.

168.7 30' 151.40 145.00 142.54

29+50

30'

141.52 139.20 30' 137.51

150.35
151.02 149.03

Top of stump

31+50

151.33

100

C

		30			W
138.60	30	136.35	20		135.35
		31			133.44
170.05	30 162.80	30	151.44	20' 142.45	135.44
		31+50			
169.60	20' 162.16	20'	148.31	141.15	134.31
		32			
145.35	40'		163.97	40'	131.21
		32+15			
162.65	30		154.38	40'	133.02

174.97

Pock. 134.25

161
136.
25
17
14
51

139.73
133.94
161.29
169.47
170.60

155.44

33 173.15

34 178.10

35 184.76

36 180.65

37 174.06

38 166.55

39 154.31

181.40
75
180.65

155.98

169.57

59.95

169.16

161.80

163.50
5.
168.55

14
168.90

168.05

Charley Clay side E.

133 Rail Fence E. Cor. on line
Line " W. 34.5'
132+37 Pole E side
133 Rail Fence Corner Stake
35' from E. Stake to line
132 Ditto
131+1 Pole E side
130 Ditto
130+57 T. Pole 4' inside
130 E. side Ditto
W. "
129+20 Pole 4' inside of fence
129 Ditto
128
128+76 Poles 4' inside
128 Ditto
Width 33.5'
126+385 Pole 4' inside
126 Rail Fence Ditto
Line " 33'
125+14 Pole 4' inside
124+957 C.I.&W. Ry Fence
124 Rail Fence Ditto 3
Line " 33'
124+57 N. Rail
+54.5

John M. Russell Road
Eel River Tp.

Notes on property lines

Long Fence W side
to R. R.
Hackett & Todd on
W side to First Road

124+15 C. 1.4 W. Fence
124 C. Fence Wire on line
W " " 31.5'
123 C Wire Fence on line
W " " 31
122 C Fence 37' From W Stake
W " 6.3 " " "
121+36.5 Pole 3' inside Fence
121 C. Fence 2.3' inside Stake
W " 33.5 From "
120 C. Fence Ditto
W " 6' inside W Stake
119+97 Pole 6 inside Stake
119+20 Large Rock
119 Both Fences
118+57 Pole 3' inside Stakes
118 Fences ditto
117+43 Line Fence C
117+16 Tel Poles 15' From C
117 + Fences Ditto C. 18' W 14' C
116 Fences Same
115+16.5 Fence C
" 7.6 " W

Pole R.R. 100 Poles on
C Side S.R. Rage

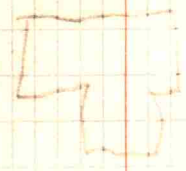
15 E Fence 4' inside
W " 5 "
114+30 " Pole 15' ℄
114 W 17' form ℄ E 4.5 from ℄

113 E 15.5' ℄ Wire
W 6' "
112+97 Pole 15 ℄

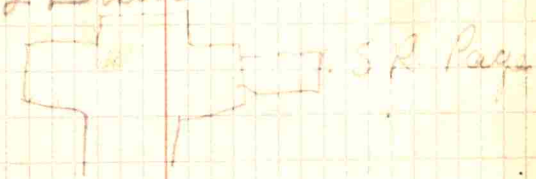
112 E 16' ℄
W 15' ℄
112+57 L. Pole 15' ℄

111 E 16' ℄
W 17' ℄
110+38 T. Pole 15' ℄
110+22 E " "
110
109+82 E Pole 15 ℄
109+22 E " 15 ℄ W side
109 E 16' ℄
W 15' ℄
107+15 Line F W

114+53 W side 50' Back



113+52 E side



51	176.43	
52	180.69	
53	177.39	
54	182.78	
55	181.78	
56	186.	

177.06	
	186.00

59 187.13

66 189.3

61 190.50

Top 61 191.30

108+59 Lino Fence E W. Road
108+42 " " W
107 E 16' ℄
W 16' ℄
106
105 E 17' ℄
W 15' ℄
104
103
102
100
99+53 Lino Fence E
99 E Fence 20'
W 15' ℄
98
97 E 17' ℄
W 15' "
96 + 72 L Fence E
95
94
93 E 16' - ℄
W 12 ℄

12459
1650
10800

107+10 75' Back

E side Margaret Cogers

Sam Roe W side

Anna Hoosier E side

97+75

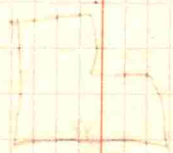
92
91 E 13' ℄
W 13 ℄

90
89
88
87
86
85
84 ES Con Post 26
WS. 14' ℄

83
82
81
80 E 20'
W 15'
79+3 Line Fence E } Road
79+23 " " W
79+06 " " E } East
79
78 E 12' ℄
W 14'

Brick Wall Equitright

37+75 30' Back



77
76
75
E 15' ℄
W 14' ℄
Mr Clerc
80' Back
74
73
72+92 Line Fence W
72
70 ℄ 13.5 from ℄
13 " ℄
69
68+38 Line Fence E
68 E 13' ℄
W 15' ℄
67+17 L Fence W
Road W
67
66+88 L " W
66 E side 14' ℄
W " 15' ℄
65
64
63

Mr Ford Hus Circle

Anna Murphy W side
Dan Dodds E side
Fred Gordon " "
+67+50 Wide
40'
40' Back
68 E side

6	E	Fence	14'	CL
	W	"	15'	CL
4	E	16'	℄	
	W	16	℄	
18	Propline W			
	E	16'	℄	
	W	20'	℄	
17	E	16'	℄	
	W	20	℄	

House 60 ~~0~~121

Frank Blacker W to 95
Jess Kesler to Luck
Cut Clay E side to R
Nancy Morphew to
Creek
Burt Koes E side
of Morphew W side

John Russel Road
Levels for Dam Sta 27-31

	El.	T	HI	El	
Sta 25	147.63	0.45	148.08		
40.42 W of 27		2.59			
42.5 W of 25		2.65			
38.5 " "		3.48			
23.5 W of 25		5.36			
44.25 W 25 + 80		6.90			
40.75 " " "		6.92			
39 W 25 + 80		5.92			
		10.72		136.91	T.P.
		4.25			
Sta 30		5.48	141.16		
43.50 W of 30				142.16	
39.50 W. of 30		6.78			
6.00 W. of 30		6.22			
~~55 W of 31~~		7.70		140.38.	
55' W of 31		17.19			
4' W of 31	HI	11.92			
		10.76		131.40	T.P.
	143.46	12.06			
		1.1			T.P.
		11.38			
	153.74				
		.75.			

148.08
7.78
140.38

147.63
10.72
136.91

136.91
4.25
141.16
5.48
135.68

142.16
10.76
131.40

131.40
12.06
143.46

143.46
1.1
142.36
1.38
153.74

Bottom of Brown 1' W of Sta 40
Slope Stake
4' inside Slope Stake
Bed of Stream opposite 25
Slope Stake
4' inside Slope Stake
Bed of Stream

Bed of Stream
B.M N.W cor. Rock 56 cross 55. W of Sta

Bed of Stream

HI	Δ	
163.47	11.00	
164.04	.89	T.P.
174.40		
	.20	T.P.
186.65	12.45	
	7.95	
	1.79	TP
195.97	11.11	
	2.36	

186.65
~~1.79~~
184.86 153.74
75
11 152.99
174.72 11.05
164.07

164.04
89
163.15
11.25
174.40

174.40
20
174.20
12.45
186.65

186.85
7.95
178.90

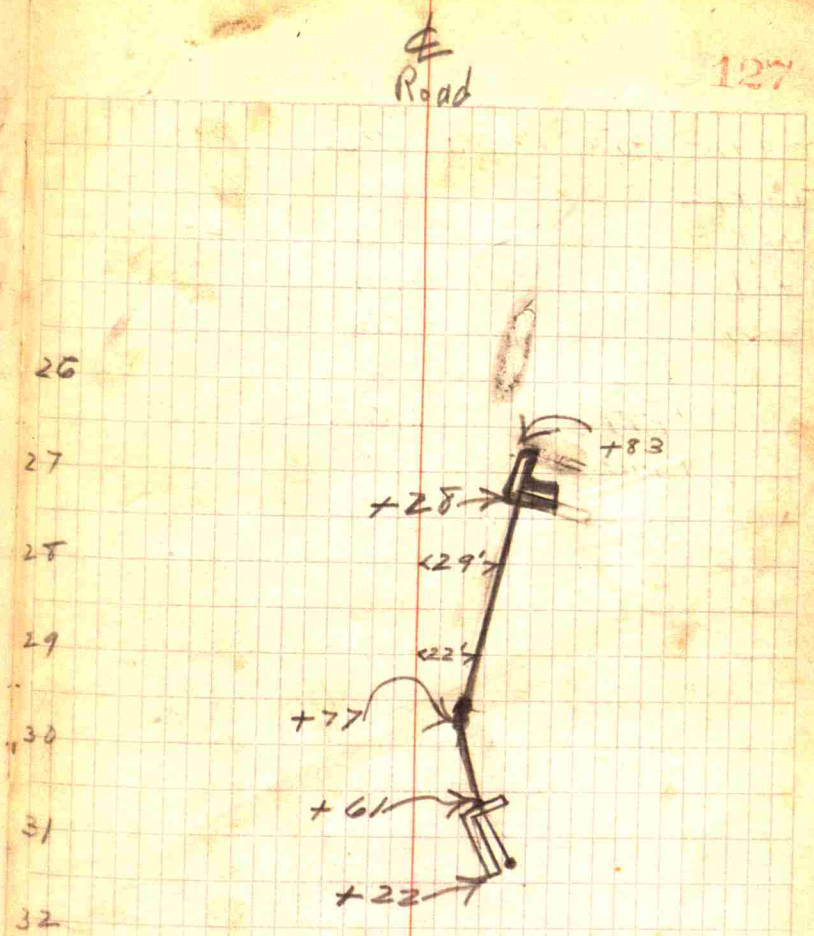
West Side of Stump at approx. 39+60
Stump Poplar 36" Dia

29 + 77
0 1
Def 161-90

Def Left 28.20

Sta 26+83 to 27+28 Ret. wall pannallel to ℄ tile drain
Sta 27+28 to 30+61 - 36" Drain Tile
Sta 30+61 to 31+22 Ret wall pannallel to tile drain

Sta 29+77 - Def. L 28° 20'
Sta 30+61 - Def. L 11° 35'



Levels for Pitch

	El.	HI	Π	
Sta 30+75	140.38	146.20	5.82	
Sta 31+22			10.10	Bed Stream
30+61			7.05	At Stake
30+61			8.71	
30+00			3.50	
29+77			1.95	
	145.35			
	~~150.55~~		0.85	
	~~155.24~~		9.89	
29+00	~~155.24~~	155.24	6.86	
28+80			9.07	
28+00			9.91	
27+28			2.10	
	153.07		2.17	
		161.24	8.17	
27+00			9.50	
26+83			2.43	
			3.00	
			3.60	

B.M Boulder 65' W. Sta.

153.97
8.10
161.27

155.24
2.17
153.07

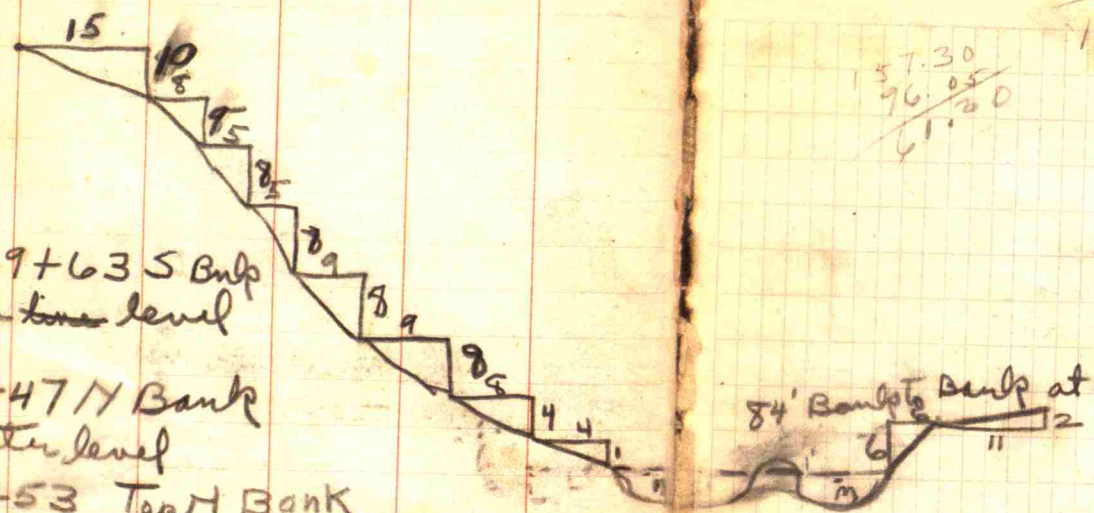
Turning Point

Bed Stream also C

Turning Point

Bed Stream

North 23' of Sta 27+28
200' Up Stream



Sta 39+63 5 Bnlp
at water ~~tone~~ level

Sta 40+47 1/4 Bank
at water level

Sta 40+53 Top of Bank

Sta 39 to Sta 41 = 164'

H. Water Rises 2' above Stake
marked 40+00

157
53
104

157.30
96.05
61.25

5-9

3

Russell Road

48950 Yds reduced to
40000 Yds @ 25¢ = 10,000
6650 Tons Gravel @
50+75+75 = 2.00 = 13,500
Bn. Over Eel River
1200 Yds @ 12.50 = 15,000
Culverts @ Hdwls = 5,000

43500
8000

$51,500

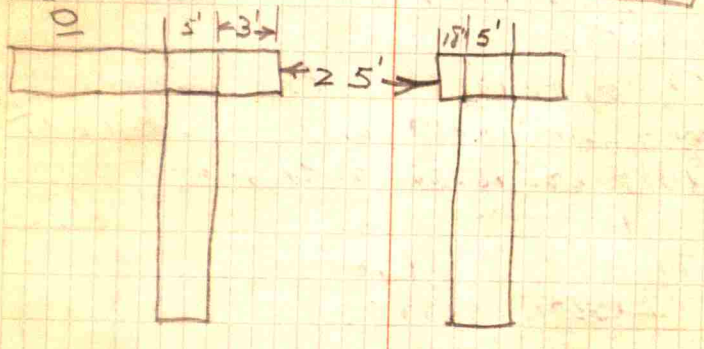
Vermont St

	N.St	Gd	℄ RA	Gd	S.St
N 0+00	99.01	98.35	99.90		
S 0+10			99.88	99.90	100.61
0+50	101.06	100.47	101.10	101.30	102.04
0+60	101.22	100.60	101.40	102.26	101.52
1+10	102.40	101.73	102.41	102.73	103.35
1+60	102.52	102.12	102.43	102.33	102.72
1+70	103.25	102.80	102.46	102.42	102.83
2+20	102.60	101.96	102.00	101.30	101.92
2+70	103.00	102.54	102.70	101.38	101.86
2+80	103.26	102.50	102.90	101.66	102.09
3+30	103.39	102.45	102.60	102.30	103.06
3+80	103.91	103.30	103.56	103.30	104.02
3+90	104.10	103.72	103.92	103.60	104.21
S 4+40			104.35	104.40	104.96
N 4+71	105.19	wk S.E. 105.02	104.97		
4+90			104.95	105.10	105.68
5+00	105.88	wk 105.25	105.20	105.23	106.01
N 5+50	106.05	wk 105.45	106.05		
S 5+55			106.09	wk 106.16	106.86
6+00	106.06	105.59	106.11	106.36	106.80
6+50	106.06	105.40	106.61	106.58	107.22
N 6+97	105.51	105.05	105.10		
S 7+02	~~10~~		105.10	105.06	105.43

0+25

BM 100.00

2' from ~~Left~~ wk M.H. Cover



Beg Wk N. Side 5' wide

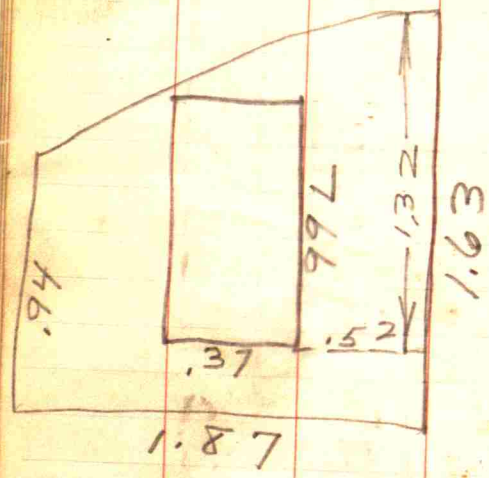
Beg Wk S. Side 5+55

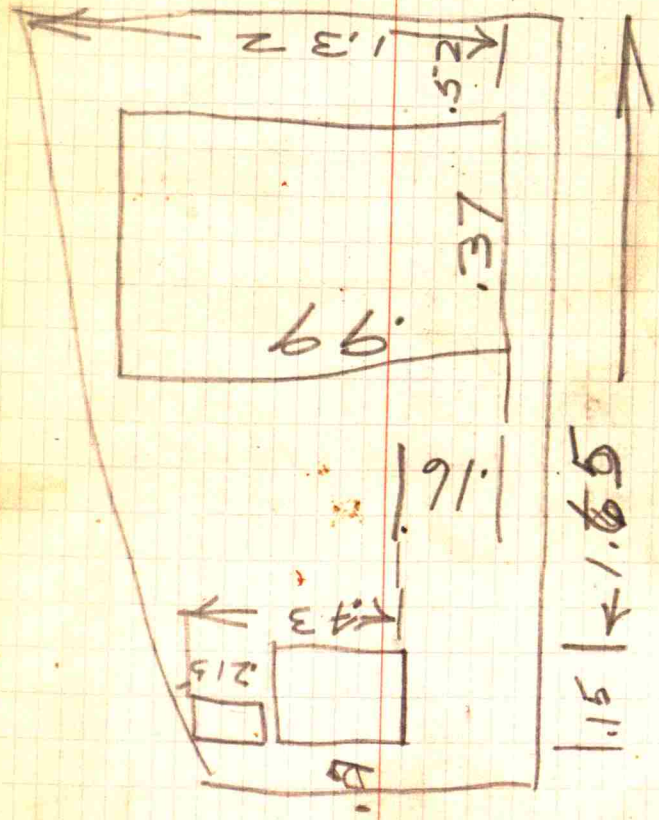
Wedge Crossing
Wedge Crossing

Mrs Cummings

Income $12.00 week 7 Children
Rent $12.00
Works at Presto Light 1.50 week
car Fare
Husband dead — Boy lost hand — No other means support
Six Children in school.

See Gaston.


.94
.99
1.32
1.63
.37
.52
1.87


1.32
.52
.37
.99
.16
1.65
.43
.215
1.15

School House Drain
N. Salem Ind.

Sta	Stake	⊿ 4 W			
0+00	109.24	108.75			
0+50	108.44	107.91			
0+75	108.52	107.94			
1+00	108.42	107.92			
1+50	106.29	105.77			
2+00	104.26	103.61			
2+50	99.86	99.33	2+60	99.21	97.62
3+00	97.86	96.59			
3+50	96.32	94.98			
4+00	94.56	93.36			
4+50	92.86	92.08			
5+00	91.35	90.15			
5+50	89.20	88.06			
6+00	87.00	85.45			
6+50	84.78	83.16			
7+00	82.80	80.60			
7+50	80.60	77.62			
8+00	78.21	76.50			
8+50	76.84	75.20			
9+00	76.01	74.50			
9+25	75.21	75.59			

9+35 Bed Stream 64.00

7L. Line Tile
at Bldg SE cor 100.00
60' N of Sta 0+00

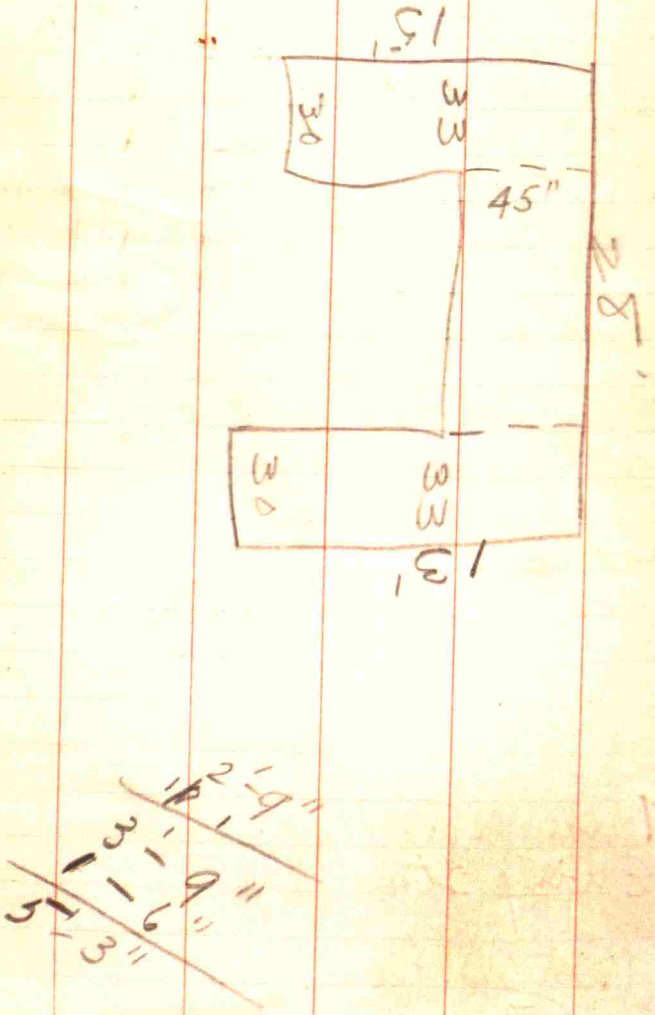
Def R 50°
Cross Fence 1+40
Cross Fence 2+45
" WK 2+50-2+56
Def L 45°
4+60-4+90 Vary around One Corn
4+45 maple
4+60 maple
4+75 maple
6+30 Maple
6+45 Maple
6+70 maple
7+50 Maple

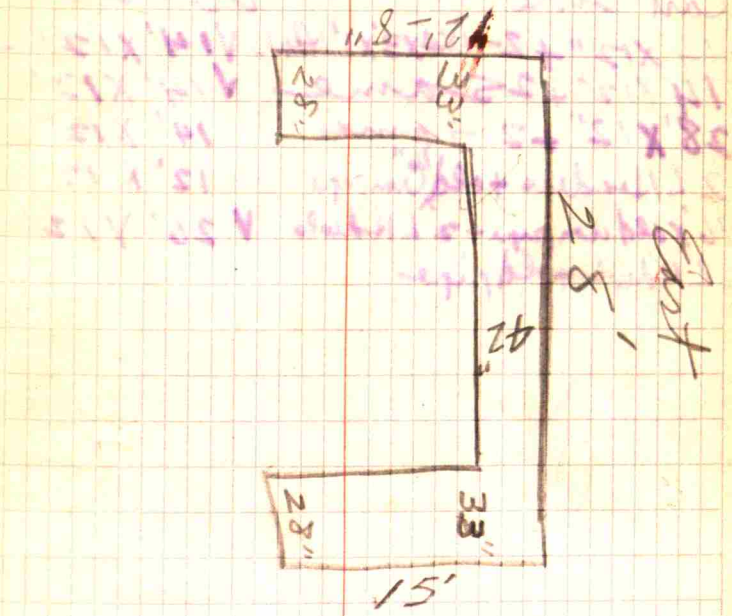
Cross wk 9+15-9+25

Terminate in Hdwf. back of
NE wing Sta 9+35

BM. N. End E. Rail Culvt 77.00
Sta 9+30

H. Hadley
Bl





Hyde Hadley
Bungs

Opple Rd

16'X12" a n gd

East Side	W. Side
14'X12" + 2-4X4X3'X1' Hdwb	14'X12" +
14'X12" + 2 same	14'X12" +
28'X12" + 2 same	14'X12" +
2 L Headers + old 16" iron pipe	12'X12" +
16' X old iron pipe + 2 L Hdwbs	26'X12" +
2 L Hdwbs + old pipe	

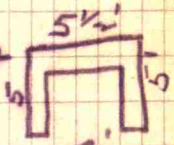
40'X12" @ 1.50 = 60.00
6 Hdwbs 6 yds @ 12.00 = 72.00
16'X12' @ 1.25 = 20.00
152.00

F. M. Gentry

2-L Headers
2 " "
2 " "
2 " "
2 " "

ac Rd

26'X18" + 

26'X18" + 

26'X12" + 

Wagner Bridge

50' - North Bridge 5.54
" 5.2
5.035

Bridge	100
50' N.	99.835
50' S.	101.495
E. End under B	79.64
W End " B	79.82
Below Bridge	73.37
NWB	84.72
SWB	85.93
EBs	85.22

105.2
105.035
5.2
99.835

105.035
3.54
101.495

105.035
5.79
99.245
19.6
79.645
4.11
83.755
3.83
79.82

53.75
16.80
73.37

83.75
.33
83.45
9.17
74.28
4.99
84.72

79.64
3.4
76.22

79.82
3.69
85.93