

1908 BK. I

WIVES ROAD
WADAN ROAD
WUNDER OR DUCAN ROAD
W DANIEL ROAD
W JONES ROAD
W HENDRICKSON ROAD

Reeves Road

12 827 Cuyos
2 598 Dr. [unclear]
13 20 Dr. [unclear]
39 75 Hauling
62 Sewer
5 Hauling
27 25 [unclear]

93 60

113 25

106 85

S.W. cor. Sec. 27. #
Crew cross roads ataglewood.
First by getting a line 15' E.
of stakes set on road S. T
measure 100' N. on such
line of front stake marked
"1"

Cor. on S. of S.W. 27
Stem 7x10x13
Wk. Red Oak 6" S. 30° W. 170 L
" Black Jr. 46° W. 50 L
" Beech 24" N. 43° E. 34 L.
" " 20" S. 26° W. 62 L

S 1/2 mi. 27 or N 1/2 mi. 34
Stem
Wk. Walnut S. 21° W. 342 L
" Post Jr. 46° E. 50 L

4
Cen. S. of S.E. 27
Stone

W. B. Walnut 10" S. 62° E. 154

" Rock N. 51½° W. 48

==

S.E. cor 27 or S.W. cor 26
Stone

W. Beech 16" N. 81° E. 16 R

" " S. 20° W. 26 R

" W. Oak 12" N. 17° E. 76 R

==

Cen. S. of S.W. 26
Stone + on Top,
No W. given

==

5
S½ mi. 26.

W. W. Elm 30" N. 89° W. 9 R

" W. Ash S. 16° E. 21 R

" Elm 36" N. 60° E. 57½ R

" Honey Locust 9" S. 36° W. 87 "

==

S.E. cor. 26 or S.W. cor 25

W. Beech 20" N. 75° E. 2 R

" " 14" S. 71° W. 17 R

==

S½ mi of 25 or N½ of 36

W. Cherry 36" S. 25° W. 28 R

" Beech 28" N. 59° E. 27 R

Stone 10 x 12 x 16

W. Wild Cherry 10" N. 58½° W. 55½ R

(Above stone is 8 L. E. of small stone lying
on top of ground)

6
S. E. cor Sec 25 or N.E. 36

N.H. Beech 12" S. 70° W. 14' 2"
" 12" N. 34° E 25'

13183' 1
S 88° 75' E 570' 2
S 84° 26' E 147' 2
S 88° 58' 190' 4
N 87° 48' E 310' 5
N 88° 35' E 254'
N. 48° 20' E

7
90
88 75
90 27
102 54
90 86 35
137 53
131 83
570
5.40
84-20
13900
13753
15765
14400
254
14090
13900
190
90
2.56
8707
90 27
84.27
8533
40.55
124
480 20
90 155
88 5
111
56
4.51
1.55
2.56
2.56
1.31
3 89
3 60
4.27

48 Wagon Road East of Hazlewood
May 11, 1908

158+31 Δ 46°52' RT

157+54 Δ 46°55' L.

144 Δ 1°31' R

141 Δ 4°51' L.

140 Δ

490

139 Δ 3°45' L. - V

138 Δ

137+53 Δ 5°40' R

131+83 Δ 1°15' R.

10.50

0+20

9

46°52'
County Road
to Cent of Morgan Co. Road
46°55'
A Stone supposed to be Sec Cor

1031'
44°51'

3°45'

Stream

B 5740' 139+90
138
B 137+53
1015'
2
131+83

Sec. Stone S.W. 27 at Hazlewood

10

May 13, 1908

Wagon Road Maplewood East

Sta.	B.S.	H.I.	F.S.	Red	Elev
B.M.	4.64	104.64			100.00
0+00	✓		4.2		102.4
1	✓		5.2		99.4
2	✓		6.25		99.15
2+50	✓		5.7		98.9
3	✓		5.15		99.5
4	✓		3.9		100.7
5	✓		2.55		102.1
6	✓		1.6		103.0
7	✓		0.94		103.7
8	✓				103.31
T.P.	4.56	107.57	1.33		103.5
9	✓				103.6
10	✓				103.6
11	✓				103.8
12	✓				103.4
13	✓				103.9
14	✓				104.5
15	✓				105.9
16	✓				

Hartley Level Weather

Trough Red

Cloudy
Windy

11

on Sta. 10+00 S.W. Sec. 27

100.90X ✓

100.50

Sta 2+49'

100.10

5' x 30" Waterway

99.70X ✓

2 = 4.80

100.00

3 = 4.30

100.59

On B. = 4.95

101.18

Water Level = 9.00

101.76

Sta 5.92

102.34

Red St 9.52

102.92

on Sta 5.17

on Sta 8

103.50X ✓

103.66

Sta 6.56

13+78'

103.70

5.45

8' Waterway

103.80

Sta 10.44

13 = 5.00

103.90

14 = 4.55

104.00X ✓

On B. = 4.90

105.68

Water Level 8.90

107.36

12

Sta.	B.S.	H.I.	F.S.	Foot	Elev
					107.87
T.P.	10.83	116.88	1.82		106.05
17 ✓				8.28	108.6
18 ✓				6.15	110.7
19 ✓				3.4	113.5
T.P.	10.51	124.10	3.29		113.59
20 ✓				7.1	117.0
21 ✓				6.1	118.0
22 ✓				5.2	118.9
23 ✓				3.7	120.4
24 ✓				2.1	122.0
+ 80 ✓				1.6	122.5
25 ✓				2.4	121.7
26 ✓				6.2	117.9
27 ✓				9.3	115.8
T.P.	0.64	116.69	8.05		116.05
28 ✓				3.8	112.9
29 ✓				4.7	112.0
30 ✓				5.8	110.9

13

On Sta 16

109.03

110.70 X

113.14

113.59

115.57

118.00 X

119.16

120.33

121.50 X

121.50 X

119.35

117.20

115.05

On Sta 27

112.90 X

117.70

110.50

	B.S.	I.I.	F.S.	Rod	Elev
					116.69
31	✓			7.7	109.0
32	✓			9.5	107.2
33	✓			10.6	106.11
34	✓			11.0	105.7
35	✓			11.2	105.5
T.P.	3.35	109.46	10.58		106.11
36	✓			3.3	106.2
+45	✓			2.65	106.8
37	✓			4.25	105.2
B.M.			0.69		108.77
38	✓			6.86	102.6
39	✓			9.36	100.1
40	✓			10.8	98.7
41	✓			11.36	98.1
42	✓			11.96	97.5
T.P.	2.00	99.46	12.00		97.46
+80	✓			1.66	97.8
43	✓			3.7	95.8

34+65' 12" Sewer

On Sta 35

On Fence Post 15' Rt Sta 37 on Mail

On Sta 42

97.00X

94.30

16

Sta	B.S.	H.I.	F.S.	R	Elev
		99.46			
44 V			7.9		91.6
45 V			10.6		88.9
46 V			11.46		88.0
47 V			12.00		87.5
T.P.	1.20	88.55	12.11		87.35
48 V			2.85		85.7
49 V			4.65		83.9
B.M.			5.90		82.65
50 V			6.90		81.2
51 V			7.85		80.7
52 V			7.6		80.6
53 V			8.95		79.60
54 V			8.85		79.7
T.P.	5.66	85.15	9.06		79.47
55 V			5.05		80.1
56 V			4.4		80.8
57 V			4.25		80.9
58			4.35		80.8

80.40
79.60
.80

45.16
1 x 90
17

91.60 X

88.90 X

88.00

87.10 X

Sta. 8.77

85.40

83.70

On Foot 24" Sugar 30' At 49+40

82.00 X

82.00

82.00 X

80.40 X

80.25

80.10 X

80.34

80.57

80.80 X

ROAD NORTH

45+90

24" Sewer

On Sta 47

5.23

11.73

51+89'

16' Bridge

8' Wings

51= 5.30

52= 4.45

53= 6.35 On Stone

On B. 4.60

Water level S. end 10.25

" " N. " 10.50

X

STREAM

CROSS ROAD

18

		85.15		
59	✓		3.65	81.5
60	✓		3.15	82.0
61	✓		1.2	84.0
62	✓		1.15	84.0
T.P.		6.03	89.77	1.41
63	✓		5.8	84.5
64	✓	9.51 3.71 4.80	5.24 3.71 1.53 26	4.27
65	✓	9.51 5.24 4.27	3.37	86.45
66	✓		4.07	85.7
67	✓		6.75	83.0
68	✓		8.3	81.5
69	✓		8.35	81.4
70	✓		8.27	81.5
71	✓		6.9	82.9
T.P.		9.04	93.06	5.76
72			5.7	84.1
73			9.15	83.9
			8.8	85.3

19

	On bridge	3.70
	Ben Sta	9.51
	Sta	5.24
	Jerry Port	21.56 cor
		81.67
		82.54
		83.40 X ✓
		84.17
		84.94
		85.71
		85.90 X ✓
		85.32
		83.00 X
		81.60 X ✓
		82.40 X
		82.10 X
		82.70
		83.30
		83.90 X
		85.30
	Small Stream	67+90'
		7.5' Water way
		67 = 4.55
		68 = 4.65
		69 = 4.60
	On B.	4.90
	Water Level N.	10.20
	" "	S. 10.35

on Sta 62

Small Stream

93.05

74 V			7.1	86.0
75 V			4.5	87.6
76 V			4.35	88.7
77 V			4.35	88.7
T.P.	7.19	97.36	4.58	88.17
78 V			5.3	89.1
79 V			5.0	89.4
B.M.		6.20		90.66
80 V			7.46	89.9
81 V			5.75	91.6
82 V			4.48	92.9
83 V			4.2	93.2
83.0 V			4.0	93.4
84 V			5.96	91.4
85 V			5.0	89.4
86 V			9.65	87.7
87 V			11.0	86.4
T.P.	6.26	87.36	10.78	86.58
88 V			1.85	84.5

86.70 X	
87.70	
88.70 X	
89.00	
On Sta 77	
89.30	
89.60	
On Foot Big Elm 10' Rt 79 + 80	
89.90 X	
91.40	
92.90 X	
92.82	
92.50 X	
91.20	
89.60	
88.00	
86.40 X ✓	
On Sta 87	
84.50	

22

$$\begin{array}{r} 6.78 \\ 3.28 \\ \hline 3.50 \end{array}$$

$$\begin{array}{r} 4.28 \\ 5.72 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2 \\ 8.78 \\ 6.78 \\ \hline 1.80 \end{array}$$

$$\begin{array}{r} 6.4 \\ 5.7 \\ \hline \end{array}$$

-87.36

89			4.75	82.6
90			6.4	81.0
91 ✓			7.52	79.8
92 ✓			8.8	78.6
93 ✓			9.7	77.7
94 ✓			10.56	76.8
T.P.	1.33	47.08	11.61	75.75
95 ✓			1.6	75.5
96 ✓			3.3	73.8
97			4.88	72.2
98			6.58	70.5
100			7.7	69.4
101 ✓			9.88	68.7
T.P.	6.69	73.57	10.20	66.88
102 + 40'			7.77	65.8
103			9.07	64.5
104			8.4	65.2
104 + 60'				65.45

$$\begin{array}{r} 9.78 \\ 8.28 \\ \hline 6.50 \end{array}$$

23

Sta 6.98

82.60 X ✓	On B	3.28
81.20	Ben St	9.78
79.80 X ✓	Turn Pon	1.15
78.80		Small Pt W. side area
77.80	W.L. =	1' 10" Bel Sta
76.80 X ✓	At	4' 10" Post four
		2' 2" at H
		3' 7" Top lb
On Sta 94		
75.22		
73.64		
72.07		
70.50 X		
68.97		
67.44		
On Sta 101		
65.91 X		
65.30 X ✓		
65.56		
Small stream		
66.00 X		
65.75 X		

1103 + 96' ~~X~~
 8' Bridge
 103 = 4.90
 104 = 4.40 in bridge
 105 = 3.65
 Water level S. 10.00
 " " N. 9.50
 3.85 is higher ground
 just E. of bridge

73.57

105 795 65.6

B.M. 4.69 68.88

106 ✓ 3.7 69.9

107 ✓ 2.7 70.9

108 ✓ 2.3 71.3

109 ✓ 1.9 71.7

110 ✓ 3.0 70.6

T.P. 4.02 25.03 2.56 71.01

11 ✓ 6.4 68.6

12 ✓ 7.8 67.2

13 ✓ 8.5 66.5

14 ✓ 8.8 66.2

15 ✓ 9.2 65.5

16 ✓ 9.3 65.7

17 ✓ 8.2 66.8

18 ✓ 5.2 69.8

B.M. 2.39 72.64

190 ✓ 2.4 72.6

19 2.4 72.6

67.47

On Cor Stone 105+70

69.19

70.90 X ✓

71.30

71.70 X

70.15

on sta 110

68.60 X ✓

67.55

66.50 X ✓

66.20 X ✓

66.20

66.20 X ✓

66.80 X ✓

69.85

on 1/2 mi Stone

72.60 X ✓

72.60 X

114+93'

12" Sewer

Cross road

13
26

May 14 1908

	H.I.			
B.M.	5.15	79.79		72.64
120 V			5.2	72.6
121 V			3.7	74.1
121 + 50 V				71.50
122			9.2	68.6
T.P.	1.69	67.48	12.00	65.79
123 V			4.5	63.0
124 V			9.2	58.3
125 V			11.5	56.0
T.P.	1.27	56.67	12.08	55.40
126 V			2.5	54.2
127 V			3.5	53.2
128 V			4.2	52.5
129 V			4.4	52.3
130 V			4.8	51.9
1 V			4.7	52.0
2 V			5.6	51.1
3 V			4.7	49.0
4 V			9.1	47.6
T.P.	1.10	49.05	9.02	47.65
135 V			3.3	45.8

Hawley level
Trotter Rod

Weather! —

Cloudy
Windy

27

On Miami Stone

71.16

71.72

71.50 X

65.84

On Stone

63.00 X

59.50

56.00 X

On Stone

54.60

53.20 X

52.50 X

52.20

51.90 X

50.93

49.96

49.00 X

46.63

On Stone

44.26

3.59
5.75
1.59
4.16

49.05

+60 ✓				4.1	45.0
136 ✓				7.2	41.9
T.P.	1.27	38.99	11.33		37.72
137				2.5	36.5
138 ✓				4.2	34.8
139				5.2	33.8
139 + 40'				5.9	33.1
+50 ✓					
139 + 40'				8.6	30.4
+70 ✓					
+80 ✓				8.6	30.4
140 ✓				6.8	32.2
140 + 40'					35.55
141 ✓				0.1	35.9
B.M.			4.15		34.84
T.P.	10.65	48.65	0.99		38.00
142 ✓				2.5	46.2
T.P.	11.48	59.56	0.27		48.38
143				7.46	52.4
144				3.3	56.6
T.P.	7.17	66.68	0.35		59.51
145					

Page 17

4.00
1.59
2.41

4.16
2.41
1.75

6.25
1.59
5.16

152 + 87 = 30" Sewer

40.00
3.21
36.79

4.16 = E

2.41 = W

41.90 X ✓

On Stone

40.00 X

40.00 X

40.64

40.83

40.90 X

40.96

40.90 X ✓

40.77

40.50 X

43.02 ✓

On Nail in top of 12" Sycamore Stump

50' Pt Sta 139 + 30

47.21

On Stone

51.40 X

54.20

On Stone

57.00

139 + 80'

40' Span

138 = 3.50

139 = 4.40

139 + 30 = 5.05

139 + 70 = 7.85

140 + 80 = 8.25

140 = 5.95

141 was about 0.50 below end

Sta Nail on bottom was 1.59

Bar St

6.75

Sta on W. side 7.00

Page 17 + 34

Station 4.16
11.75

part

Samuel Jordan Road.
 Beg. N.E. Cor. Sec 12-15-1-W
 point where road deflects
 center of said road
 turned to the E, on S.
 E. on said line nearly
 1/2 line.

Corner Stone
 S.E. cor. 12-15-1-W
 Stone 10x15
 Whit. Birch 16" S. 41° E. 75 L.

6 1/2 miles - 12-15-1-W
 Sugar 6" N. 28° E. 152 L.
 Ash 3" S. 71° W. 41 L.

S.E. cor. 12-15-1-W
 16x18
 White Oak 20" N 4° E 17 L.
 Elm 12" S. 62 1/2° E 14 L.

running ^{S.} on Sec line to
 to the left, then following
 to point where a road
 along Sec 18. They
 one-way suit to Washington

Do Whit. Birch stump S 72° 38' L
 Post fence N. 14 1/2° W

S. N. cor. 17-15-1 E.

This is End of road.

4 x 8 x 10

W. H. H. 12" N. 29' W 1.73 Gh

" Stone 6 x 6 @ 66° E 24 1/2 L.

34 Wagon Hazlewood East

66.68

146				4.7	62.0
147 ✓				4.1	62.6
148 ✓				4.5	62.2
149 ✓				5.3	61.4
150				7.1	59.6
151				11.3	55.4
T.P.	1.55	57.03	11.20		55.45
152 ✓				5.2	57.8
153				5.7	57.3
154 ✓				5.8	57.2
155 ✓				4.0	58.0
T.P.	7.32	61.93	2.42		54.61
156 ✓				8.2	53.7
157				4.4	57.3
+54				4.7	57.2
158				4.5	57.4
+31				4.0	57.9
B.M.		1.86			60.07

35

from page 14

59.80
62.60 X
62.20 X
59.93
57.66
55.40 X
On Stone
53.95
52.50 X
Ditch across Road at 152+90 = 30" Sewer
52.20 X
53.00 X
On Sta. 155
54.54
56.09
57.64
58.10 X
Morgan Co. Road
On Sec. Stone 158+31

36

May 15 1908
Jordan Road Rockville Road South

134+22 End Road

85+77

88°45' RT

85+185

Δ

88°45' LT

75
69

Δ

0°34' LT

58+85

Δ

0°34' RT

7°55' RT

54

Δ

7°47' LT

19+

0+00

Hanley Frankir
Sallyust
Marion

37

Railroad Crossing

Stone S.E. Cor. 1-15-1 W.

Above stone is on N. side road edge ditch

38

May 18, 1908

	+	41	-	Red	Blue
E.M.	287	102.87			100.00
0 ✓				2.8	100.6
1 ✓				2.5	100.4
2 ✓				5.1	97.8
3 ✓				7.1	95.8
4 ✓				8.3	94.6
5 ✓ ✓				8.9	94.0
6 ✓ ✓				8.9	94.0
T.P.	4.95	98.74	90.8		93.79
7 ✓ ✓				4.9	93.8
8 ✓ ✓				5.3	93.4
9 ✓ ✓				5.1	93.6
10 ✓ ✓				4.0	94.7
11 ✓ ✓				3.7	95.0
12 ✓ ✓				3.1	95.6
13 ✓ ✓				3.4	95.3
14 ✓ ✓				2.6	96.15
T.P.	1.08	97.12	2.70		96.04
15 ✓				1.2	95.9

Hawley Level

Smith Rod

GRADE.

On Cor. Stone N. Side Rockville Road

99.50 X

98.50

97.00

96.00

95.00

94.50 X

94.00

On Stone

94.00

94.00 X

94.32

94.64

94.96

95.28

95.60 X

96.40 X

95.55

Foodan Run

39

$$\begin{array}{r} 100.60 \\ 99 \\ \hline 1.160 \end{array}$$

5742 = 12 Pipes

13780 = 12 Pipes

		97.12			
16	✓			2.4	94.7
17	✓			6.8	90.3
18	✓			10.5	86.6
T.P.	1.96	87.21 87.21	11.87		85.24 85.25
B.M.			3.13		84.08
19	✓			7.6	79.60
+35	✓			12.0	75.20
20	✓			11.8	75.40
+40	✓			9.0	78.20
21	✓			8.0	79.20
21+50	✓			8.2	79.00
22	✓			8.6	79.75
23	✓			8.3	78.60
T.P.	4.70	83.61 85.21	6.30		78.90
24	✓			6.0	79.60
25	✓			8.2	79.75
26	✓			8.0	79.60
27	✓			4.4	78.70
28	✓			4.7	80.90

94.70	X		
90.35			
86.00	X		
		On Stone	
		On North West Cor. West About. Corn. Bridge Sta	18+75
			0.75 above Center
79.60	X		
75.70	X		
		Highway Crossing, S.R.	
75.40	X		21+50
78.20	X		5' Waterway
77.60	X		B.M. 0.70 on N. Cor. Millcut 15+75
77.52			21 = 5.55 = Elev 79.23
79.45	X		21+50 = 5.10 = 79.68
79.48			B.M. D. 7.8.65
79.54			" " 6.8.45 = 76.33
		On Sta 23	
79.60	X		
		Farm Crossing	
79.13			
78.66			
78.20			
78.10			

42

May 20. 1908

8561

29	✓			8.0	77.6
30	✓			7.5	78.1
31	✓	✓	84.77 82.77 1.48	6.6	79.0
32	✓	✓		5.2	80.4
33	✓	✓		3.0	82.6
34	✓			1.9	83.7
T.P.	1.14		84.77 178		83.83
75	✓			0.8	84.2
35	✓			3.0	82.0
36	✓	✓		5.8	79.2
37	✓	✓		7.5	77.5
38	✓	✓		7.3	77.7
40	✓	✓		5.6	79.4
39	✓	✓		6.6	78.4
40	✓	✓		12.4	72.6
T.P.	0.01		72.78 12.20		72.77
41	✓			4.5	68.3
42	✓	✓		7.0	65.5
43	✓			9.8	63.0

78.20
17.60
60Howley Level
McClain Rod

Weather

Warm
clear

43

78.00X	✓				
79.06					
80.12					29+16" New Pipe 24"
81.18					to shot hole trend
82.24					
83.30X					
82.77					Front Sam Jordans
82.60X					
80.30					
78.00X					
75.07					
73.05					
78.30X					
70.72					
On Shore					
68.30X					
65.65					
63.00X					

44

100
63
81

Aug 4.62
Sta 6.50
Sta 8.96
2.41 Top of Ground Rod to next

44	✓		10.15	62.3	63.47
44+50'				63.65	63.70X ✓
45	✓	$\frac{3.17}{4.17}$	10.2	62.6	63.47
46	✓		9.6	63.0	63.00 X
47	✓	8.96	7.5	65.3	63.89
48	✓	$\frac{9.42}{4.62}$	8.1	64.7	64.78
49	✓	$\frac{4.83}{6.3}$	6.8	66.0	65.68
+35	✓		4.8	68.0	66.00 X
50			6.3	66.5	65.53
51	✓		8.5	64.3	64.80
T.P.		2.05 66.62 8.21		66.57	
52	✓		3.7	67.2	64.07
53	✓		4.4	67.2	63.34
B.M.		0.62		66.00	On. Com. Post 16' Lt 53+50
54	✓		4.2	67.4	62.60X ✓
55	✓		4.4	67.2	61.93
56	✓		4.4	67.2	61.26 ✓
57			6.4	67.29	60.60X
58			8.6	68.00	58.95

8.96
6.50
2.46

44+50'

12' Waterway

43-4.25 Elev. 63.00
44-4.95 " 62.30
45-4.70 " 62.53
46-4.25 " 63.00
On. B. 3.60 " 63.63
Water Level 8.40 " 58.73

8.40
3.60
4.80
43

53' Milb. on floor

45 48+50

10 Stear Pipe

Tubs lengthened 1 piece each end

53+5' = 18" Pipe

On. Com. Post 16' Lt 53+50

62.60X ✓

61.93

61.26 ✓

60.60X

58.95

6667

59	✓		9.8	56.8	57.30
60	✓		11.3	55.3	55.65
T.P.	3.71	59.26	11.07	55.05	62-8
61	✓		5.25	54.0	54.00X ✓
62	✓		5.75	53.5	53.90X
63	✓		4.05	55.2	54.27
64	✓		4.35	54.9	54.64
65	✓		4.75	54.5	55.02
66	✓		4.15	55.1	55.40X ✓
67	✓		4.05	55.0	53.32
68	✓		4.15	55.1	57.24
68+50	✓			55.25	55.20X ✓
69	✓		3.75	55.5	49.20
T.P.	1.86	57.45	3.67	55.59	47.20
70	✓		7.35	48.2	47.20
71	✓		10.85	46.6	45.20X
72	✓	✓	14.25	43.2	43.20X
73	✓		15.25	42.2	44.60
74	✓		13.15	44.0	46.00X

100

78

62+81'	=	12 Sewer
73+78'		
8' Waterway		
72-6.25-	Elev	44.15
73-7.60-	"	43.65
74-6.30-	"	44.30
75-2.30-	"	47.15
On Rd 6.80	"	43.80
Water Level 11.45	"	39.15
Road to Water line	6.50'	

48

57.45

+60 ✓

9.05 48.4 40.06

~~74~~

0.25 48.80 8.90 46.55

75 ✓

0.8 48.0 46.10

76 ✓

3.0 45.5 46.20 ✓

77 ✓

4.0 44.5 45.13

B.M.

4.31 44.49 On Cor. Stone 77+15

78 ✓

4.5 44.0 44.06

79 ✓

6.1 42.7 42.98

80 ✓

7.1 41.7 41.90 X 74' Pipe 80+91 = 24' Pipe

81 ✓

7.0 41.5 42.25 X ✓

82 ✓

6.2 42.6 43.96

83 ✓

2.5 46.0 45.68

T.P.

5.92 52.00 2.72 46.06 On Stone

84 ✓

4.0 48.0 47.40 X ✓

+75 ✓

5.3 46.7 47.25

85 ✓

4.8 47.20 47.20 X ✓ 85+50 = 12" Pipe

86 ✓

6.0 46.0 46.88

87 ✓

6.0 46.0 46.56

49

		57.00			
88. ✓			6.1	45.9	46.24
89 ✓			6.2	45.8	45.92
T.P.	2.74	48.42	6.32	45.68	on stone
90 ✓			3.0	48.4	45.60 X
91 ✓			7.0	41.4	41.80
92 ✓			10.9	37.5	38.00
T.P.	1.52	38.60	11.34	34.08	on stone
93 ✓			4.7	34.2	34.20 X
94 ✓		30.50	6.8	31.8	31.53 X
95 ✓		30.50	7.2	29.4	28.86
96 ✓		30.50	11.1	27.5	27.00
T.P.	0.65	28.22	11.03	27.57	on stone
97 ✓			2.0	26.2	26.20 X
97 ✓			7.2	21.0	28.38
98 ✓			9.4	18.8	29.80 X
98 ✓			8.6	19.6	29.80 X
B.M.		5.66		22.56	X on 12" Ash stump across Creek at Sta 98
99 ✓			8.2	20.0	28.00
100 ✓			1.0	26.2	26.20 X

$$\begin{array}{r} 3.76 \\ 0.00 \\ \hline 3.26 \end{array}$$

29.80

22.56

7.24

29.80

18.80

11.00

22.56

18.80

3.76

7.24

11.00

$$\begin{array}{r} 1.68 \\ 3.26 \\ \hline 4.94 = N.R. \\ 4.09 \\ \hline .85 \end{array}$$

McBarnack Bridge
9' skew 40' span

B.M. 1.68
Sta 4.09

28.22

T.P. 9.05 37.24 003

101 V

4.7 32.5

28.60

445 V

3.7 33.5

29.68

102 V

3.7 33.5

31.00 X

103 V

4.0 33.2

32.60 X

104 V

2.5 29.7

29.90

105 V

2.1 30.10

31.00 X

106 V

3.3 33.94

34.90

T.P. 8.96 45.55 067

33.57

107 V

6.25 39.3

38.80 X

130 V

4.15 41.4

39.31

150 V

4.65 40.7

40.16

B.M.

4.37

41.18

225 V

5.05 40.5

40.50 X

109 V

4.95 40.6

40.95

①10

4.35 41.2

41.40 X

1 V

3.85 41.7

42.40 X

2 V

0.85 44.7

44.30

104452 = 2 X "Rife"

On Stone Can. Road supposed to be
corner Stone 107405 V

15.55

T.P. 7.17 51.62 110

113 ✓

4 ✓

5 ✓

6 ✓

7 ✓

8 ✓

9

120

T.P. 3.28 50.40 4.50

121 ✓

122 ✓

3 ✓

4 ✓

5 ✓

6 ✓

7 ✓

8 ✓

T.P.

6.40

45.60

11.20

41.45 on Stone

5.4 46.2 46.20X

5.0 46.6 47.00X

4.4 47.2 47.10

4.6 47.2 47.20X

4.8 46.8 45.17

4.3 47.30 43.14

4.5 47.1 47.10X

4.6 47.0 43.75

47.12 on Stone

4.5 45.9 46.40X

4.3 46.1 46.73

2.9 47.5 47.06

3.3 47.1 47.40X

3.8 46.6 45.60

5.7 44.70 43.80

8.7 42.00 42.00X

12.00 38.40 44.50

36.20

116 + 66" = 12' Pipe

121 + 55 = 18" Sewer

56

45.60

129
+10
x30 ✓
11
2 ✓
3 ✓
+60
4 ✓
+22
B.M.

0.83

10.2 35
10.1 35.5
9.3 36.3
5.6 40.0
3.4 42.2
1.6 44.0
1.0 44.6
1.4 44.2
1.4 44.2
44.77

|||

9.95 at 100
10.40
8.20 N. side
3.45 at 129
7.93 on St.
1.90 on House E. Gate Post

57

37.00 X

37.00 *bridge across small stream*

37.00 X

49.60

129+24'

42.20 X

128=2.30

43.60

129=10.25

44.44

130=4.35

45.00 X

6' trapezoidal way

45.00 X

On Cor Home 134122 End Road

$$\begin{array}{r} 9.90 \\ 2.90 \\ \hline 2.00 \end{array}$$

$$\begin{array}{r} 6.93 \\ 3.33 \\ \hline 10.43 \\ 3.43 \\ \hline \end{array}$$

58

Cwyss \$ 14220

Grading \$ 3004

Stone 4250

Haul. 2900

Sewer 196.

Haul 5.

Bridges 2200

 \$ 12550

59

Sam Jordan Road description

61

60 Beginning at $5\frac{1}{2}$ mi. Stone
24-16-1-W. and running N
to Cen. North of Cen. thence
W. to S.W. Cor. NW $\frac{1}{4}$ NW $\frac{1}{4}$ ^{sec 24} thence
S. 15 ft, thence W. to S.W. Cor
N.E. $\frac{1}{4}$ N.E. $\frac{1}{4}$ Sec 23, the S

134+23 End of road 15' N.S. $\frac{1}{2}$ mi Stone Sec 23

120+79 90° Rt 15'

107+67 90° Lt S 1232

95+35 90° Rt dr 2804

67+31 90° Rt S. 15'

67+16 90° Lt

72698

40+18 90° Lt

N 4018

0+00

John H. Douglass

62

May 22, 1905

+ H.L. -

B.M. 2.07 102.07

0

1.85

100.12

100.30 X

1

2.7

99.4

99.32 169 = 6m

2

4.4

97.7

98.34 9' full 1' or more if can

3

5.5

96.6

97.36 8+25 = 3' Concrete Box

4

6.3

95.8

96.38 18 = 2.75

5

6.7

95.4

95.40 X 8 = 4.15

6

6.9

95.2

95.15 9 = 4.60

7

6.7

95.4

94.90 6.70 Water level Elev.

T.R. 3.55 99.69 598

96.14

On Sta 1 4.25 One Sewer Cur road

8

5.7

94.0

94.65

9

6.3

93.4

94.40 X

10

5.1

94.4

94.70 9+11 to 17

11

4.7

95.0

95.00 X

12

3.7

96.0

96.10

13

2.6

97.1

97.20

14

2.0

97.7

98.30

15

0.80

98.9

99.40

T.P. 7.70 105.76 143

1.43

98.26

On Sta 15

Hartley Level

Weather -

South Rod

Cloud 63

grade

Windy

On 5 1/2 mi Stone Sec 24

97.36

99.4

7.6

105.96

16		5.95	100.0	100.50
17		3.25	102.2	101.60
+60		2.4	103.55	102.26
18		3.25	102.70	102.70 X
19		4.55	101.4	101.25
20		5.85	100.1	101.40
21		6.5	99.45	99.45 X
22		6.25	99.9	99.10
23		7.25	98.7	99.45
T.P.	5.42	103.28	8.10	97.96
24		5.10	98.3	98.80 X
25		4.9	98.4	98.10
26		5.28	98.0	98.10
27		4.5	98.5	98.50 X
28		4.5	98.5	98.97
29		4.5	98.5	99.14
30		4.0	99.3	99.30 X
31		4.0	99.3	99.85

$$\begin{array}{r} 102.55 \\ 102.46 \\ \hline 1.29 \end{array}$$

$\lambda = 18''$ Corrugated Cover

66

		103.26					
T.P.	5.83	105.26	3.85		98.43	On Stone 31	
32				5.55	99.7	100.40	
33				3.85	101.4	100.95	
+ 70				2.05	103.2	101.34	
34				2.65	102.6	101.50 X	36 + 2.2' = 18" Pipe
35				5.05	100.2	101.00	
36				5.45	99.8	100.50	
37				5.25	100.00	100.00 X	
38				5.85	99.4	99.93	
39				5.75	99.5	99.86	
46				5.45	99.8	99.80 X	
B.M.	4.71	104.28	5.69		98.57	On Stone Corn. N. of Corn. Sec. 24	
47				4.3	100.0	99.63	
49				5.1	99.2	99.46	42 + 80 = 18" Pipe
43				5.5	98.8	99.30 X	"
44				4.7	99.5	99.37	
45				4.8	99.5	99.44	
46				5.1	99.2	99.50 X	
47				4.9	98.4	99.90	

98.13
99.30
1
17.6
99.30
5.20

67

10426

48			4.5	98.8	100.30
T.P.	5.85	105.71	4.40	98.88	
49			5.5	100.2	100.70
50			4.7	101.0	101.10
51			3.3	102.4	101.50+
52			4.7	101.0	101.00X
53			5.7	100.00	100.33
54			6.0	99.7	99.66
55			6.7	99.0	99.00X
56			6.9	98.8	99.15
T.P.	6.00	104.90	6.85	97.86	On Stone
57			6.6	98.5	99.30
58			6.4	98.5	99.45
59			5.5	99.4	99.60
60			4.9	100.0	99.75
61			4.4	100.5	99.90
62			4.4	100.5	100.05
63			5.7	99.70	100.20X
64			5.3	98.6	99.95

54+90 Brick Arch

		104.90				
T.P.	3.47	103.20	5.17	98.73		
65			3.5	99.7	99.70	
66			3.5	99.7	99.45	
67			4.2	99.0	99.20X	
B.M.			3.99	99.21	On Stone ⁶⁷⁺¹⁶ S.W. Cor NW 4th Sec 24	
68			4.8	98.4	98.76	
69			5.2	98.0	98.33	
70			5.4	97.6	97.90X	70+12 12" Pipe
71			5.3	97.0	96.14	
72			5.1	97.1	98.46	
T.P.	6.17	103.95	5.42	96.78	On Stone	
73			5.35	98.2	98.74	
74			4.95	99.0	99.02	
75			4.5	99.15	99.30 X	
76			4.3	99.45	98.60	
77			5.15	98.8	97.90	
78			6.75	97.20	97.20 X	
79			9.05	94.9	95.82	

103.25

80			9.5	94.45	94.45 X
81			9.5	94.45	93.91
T.P.	4.43	97.93	10.45	92.50	On Stone at 81.35, 100 cor roof by set for Co. ^{51.27 e}
82			4.3	93.6	93.37
83			5.7	92.2	92.83
84			6.1	91.80	92.30 X
85			5.6	91.3	92.52
86			5.0	91.9	92.74
87			4.6	92.3	92.96
88			5.0	91.9	93.18
89			4.8	92.1	93.39
90			4.3	93.6	93.60 X
91			4.6	92.3	92.82
T.P.	1.56	94.71	4.18	92.15	On Stone
92			1.6	92.1	92.04
93			3.3	90.4	91.27
94			4.1	89.6	90.50 X
95			3.1	90.0	90.60 X

84 + 50 = 18" Pipe

Out Brick Arch

9471

95	7.40	
B.M.	4.40	
	<u>3.10</u>	5.16
430		
96		
97	7.40	
	<u>3.50</u>	
98	3.90	
99		
100		
T.P.	3.03	93.49 4.25
1	4.65	
	<u>2.90</u>	
2		
185		
3	4.40	
4		
5	9.50	2.66
	<u>2.16</u>	
6		
7		
B.M.	10.90	99.46 4.92

43	89.4	90.73
	89.55	On cor Stone
47	90.00	90.80 X
39	90.80	90.80 X
44	89.3	90.60
43	90.40	90.40 X
50	88.7	90.25
46	89.1	90.10
	89.46	On cor Stone
29	90.60	89.95
34	90.10	89.80 X
29	90.6	89.68
32	90.3	89.66
45	89.00	89.52
48	88.70	89.38
44	89.1	89.24
48	88.70	89.10 X
	87.56	On cor Stone

89.55
 6.37
 94.90
 13.03
 81.05

5.33
 7.70
 13.05

95+30' - Sewer 5" X 26' Long
 1344 S.W. 34" 5/16 95+30
 On above at 5.35
 On end at Post 7.45
 Sewer at Post 7.70
 Cen. road on Sewer 490.
 16.60' E. end
 50° 18'
 26' Long.

94.90
 90.80
 81.84
 8.95

107+2.5' = 18" sewer
 32' Long

9946

108				10.65	88.8	89.85
9				10.9	88.55	90.60
110				10.75	88.7	91.35
1				9.6	89.65	92.10
2				7.6	91.50	92.85
3				2.66	96.8	93.60
410				1.95	97.5	93.68
4				2.9	96.55	94.35
5				4.35	95.1	95.10
6				4.5	94.95	94.61
T.P.	2.00	95.80	4.65		93.80	on stone
7				2.5	94.3	94.12
8				3.5	93.3	93.64
9				4.2	92.6	93.16
120				4.7	92.1	92.68
1				5.0	91.8	92.20 X
2				4.6	91.2	
3				4.1	91.7	
4				3.8	92.0	

		95.80			
125				4.1	91.7
T.P	4.00	95.70	4.10		91.70
6				4.2	91.5
7				4.4	91.3
8				4.4	91.3
9				4.5	91.2
130				4.7	91.0
1				5.3	90.4
2				5.2	90.5
3				4.9	90.8
4				4.6	91.1
723				4.1	91.6
B.M			4.70		91.00

On Stone

End Road

On S.W. 1/4 Stone Sec 23

Dryan
 on gas = 6 338.

Smiley

1380

Ston

3835

Haulay

3000

Sewer

130

Haulay

5

bridge

400

8750

7m 9

McDaniel Road

Cor. 23.10 S.E. to fence on E.
 side N.S. road - S. side station
 of 33.20 S.W. to Telegraph Post
 on N. side station
 then N. 2842.50' to Cor
 Sta 23 + 48' to S. side station road
 " 24 + 31 " " "
 then N. 1331' to cen. on S. of
 " N 5282 1/2' to N. line
 " N 9250.5 " cen. on S. = 22

71.50
 Jacob Harlan
 States

From Stone Cen. S. S.E. = to 83.
 N. Rail Steam road = 16 1/2

Cor Sew 34 + 35
 Steam road
 Interurban
 S.E. = 27-
 " 27

42 + 13'
 to S. line
 Interurban

McDaniel Reef
 Cen. in the Crillo State road at
 post on E. side of S. road and
 from Telegraph Post

then N	2842.50'	to
" N	1331'	
" N	9250.50	"
" E	1327.80'	"
	<u>14751.80</u>	

a point 23.10' N N from fence
 S. side Crillo road by 33.20' N.E.

cons. Sec 84 + 35
 Cen. on S. of SE² 27
 " NE² 22
 " on E. of NE² 22

2842.50
 1331
 9250.50
 1327.80
 14751.80

McDaniel Road

STA	B.S.	HI	FS	Rod	ELEV	GRADE	CUT	FILL	ft. and sewer under road
BM	6.50	106.50							
0				6.00	100.50	100.70		0.20	
1				6.15	100.85	101.025	0.68	0.68	
2				5.95	100.55	101.35	0.80	0.80	
3				5.00	101.50	101.67$\frac{1}{2}$		0.18	
4				3.80	102.70	102.00	0.70		
5				4.75	101.75	101.91		0.16	
6				5.20	101.30	101.82		0.52	
7				4.70	101.80	101.74	0.06		
8				5.10	101.40	101.66		0.26	
9				4.65	101.85	101.58	0.27		
10	2.30	105.50	3.30	3.05	102.45	101.50	0.95		
11				4.20	101.30	101.35		0.05	
12				5.00	100.50	101.20		0.70	
>13				5.40	100.10	101.06		0.96	
14				5.80	99.70	100.92		1.22	
15				5.30	100.20	100.78		0.58	

STA	B.S.	HI	FS	ROD	ELEV	GRADE CUT	FILL	
16				4.70	100.80	✓100.64	0.16	
○	7.30	107.95	4.85					
17				7.60	100.35	✓100.50	0.15	17 = 18' x 20'
18				6.90	101.05	✓101.19	0.14	sewer
19				5.85	102.10	✓101.88	0.22	6" concrete
20.				4.75	103.20	✓102.57	0.63	
21				4.70	103.25	✓103.25	0.00	0.00
22				3.80	104.15	✓105.17		1.02
23				3.00	104.95	✓107.09		2.14
○	2.65	109.90	0.70					
23+48'				1.90	102.00	✓108.00	0.00	0.00
24				3.50	106.40	✓107.87		1.47
24+31'				2.10	107.80	✓107.80	0.00	0.00
25				4.75	105.15	✓106.14		0.99
26				5.40	104.50	✓105.00		0.50
27				5.00	104.90	✓104.60	0.30	
28.				6.15	103.75	✓104.20		0.45
28+42 1/2				6.40	103.50			
○	5.40	108.90	6.40					Cor Stone

STA B.S. H.I. F.S. ROD ELEV GRADE CUT FILL

42+13' 3.60 112.35 112.35 X 0.00 0.00 N. Pair dets. P.P.

① 2.95 115.80 3.60

43 2.00 118.30 111.11 2.19

44 5.80 109.50 109.68 0.18

45 7.05 108.25 108.25 X 0.00 0.00

46 9.50 105.80 106.25 0.45

47 11.70 103.60 104.25 0.65

② 2.70 106.40 11.60

48 4.15 102.25 102.25 X 0.00 0.00

49 4.80 101.60 102.12 0.52

50 4.95 101.45 101.99 0.54

51 5.05 101.35 101.86 0.51

52 4.90 101.50 101.74 0.24

53 5.20 101.20 101.62 0.42

54 5.35 101.05 101.50 X 0.45

55 6.05 100.35 101.80 0.45

56 5.95 100.45 102.10 1.65

③ 7.90 108.45 5.85

57 7.60 100.85 102.40 1.55

45+30' to 47'
6" Tub level across
roadway to
within 5' of profile
the dip up

5" concrete

12" sewer

4x4x30 8" x 16"

Con. Sewer in

from the dets.

gate

McDaniel Road

STA	BS	HT	I.S.	ROD	ELEV	GRADE	CUT	FILL
58				6.40	102.05	102.70		0.65
59				4.10	104.35	102.99	1.36	
B.M.				1.00	107.45			
60				4.20	104.25	103.28	0.97	
61				4.60	103.85	103.57	0.28	
62				4.50	103.95	103.86	0.09	
63				4.30	104.15	104.15	0.00	0.00
64				4.65	103.80	104.12		0.32
65				4.80	103.65	104.09		0.44
0	3.85	107.85	4.45					
66				3.95	103.90	104.06		0.16
67				3.50	104.35	104.04	0.31	
68				3.30	104.55	104.02	0.53	
69				3.45	104.40	104.00	0.40	
70				4.35	103.50	103.62		0.12
71				5.15	102.70	103.24		0.54
72				5.60	102.25	102.87		0.62
73				5.95	101.90	102.50		0.60
74				5.75	102.10	102.50		0.40

On street stump in
Nelson Runions yard

74-

12" Sewer

5" Conduit

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
75				5.35	102.50	102.50	0.00	0.00
○	5.20	108.05	5.00					
76				5.70	102.35	102.80		0.45
77				5.30	102.75	103.09		0.34
78				5.25	102.80	103.38		0.58
79				4.90	103.15	103.67		0.52
→ 80				4.60	103.45	103.96		0.51
B.M.				4.60	103.45			
81				4.00	104.05	104.25		0.20
82				3.50	104.55	104.54	0.01	
83				3.50	104.55	104.83		0.28
84				3.00	105.05	105.12		0.07
○	4.50	109.90	2.65					
85				3.35	106.55	105.41	1.14	
86				4.45	105.45	105.70	X	0.25
87				5.10	104.80	105.36		0.56
88				5.20	104.70	105.03		0.33
89				5.20	104.70	104.70	X	0.00
90				5.85	104.05	104.76		0.71

Notch root Elm
for Walter Barnhart

98

STA	B.S.	I.I.	F.S.	ROD	ELEV.	GRADE	CUT	FILL
91				6.40	103.50	✓104.82		1.32
92				6.10	103.80	✓104.88		1.08
93				5.65	104.25	✓104.94		0.69
○	7.90	112.20	5.60					
94				7.70	104.50	✓105.00	X	0.50
95				7.00	105.00	✓105.40		0.40
96				5.90	106.30	✓105.80	0.50	
97				4.00	108.20	✓106.20	X 2.00	
98				5.45	106.75	✓105.60	1.15	
99				6.45	105.75	✓105.00	0.75	
100				8.30	103.90	✓104.40		0.50
101				9.45	102.75	✓103.80		1.05
102				10.30	101.90	✓103.20		1.30
○	3.70	105.80	10.10					
103				4.60	101.20	✓102.60		1.40
104				5.15	100.65	✓102.00		1.35
105				5.40	100.40	✓101.40	X	1.00
106				4.95	100.85	✓101.48		0.63
107				5.00	100.80	✓101.56		0.76

99

91 = 12" Sewer
5" Conduit

94 + 78'

12" x 23' Pipe
5" Conduit

2 highest points
Cut 18" to 24"

105 = 12" x 20'

6.00 Sewer

STA	B.S.	HI	FS	Rod	ELEV
BN				0.30	105.50
108				4.85	100.95
109				5.00	100.80
110				4.70	101.10
111				3.50	102.30
①	2.80	105.20	3.40		
112				2.85	102.35
113				2.95	102.25
114				3.15	102.05
115				3.90	101.30
116				4.65	100.55
117				6.10	99.10
118				7.15	98.05
119				8.45	96.75
120				8.90	96.30
121				8.45	96.75
①	3.95	100.95	8.20		
122				4.00	96.95
123				4.55	96.40

GRADE	CUT	FILL	
		76	Heat Large Gate Post
101.63	0.68		N. Power Keeney
101.70	0.90		
101.77	0.67		
101.84	0.46		
101.91	0.44		
101.98	0.27		
102.05	0.00	0.00	
100.96	0.34		
99.87	0.68		
98.78	0.32		
97.70	0.35		
97.51		0.76	Sta 120
97.32		1.02	12" x 20'
97.13		0.38	Conn. Sewer
			5" concrete
96.95	0.00	0.00	
96.83		0.43	

STA	B.S	H I	F.S	ROD	ELEV	GRADE	CUT	FILE
124				4.75	96.20	✓ 96.71		0.51
125				4.80	96.15	✓ 96.59		0.44
126				4.85	96.10	✓ 96.47		0.37
127				5.20	95.75	✓ 96.35		0.60
128				5.15	95.80	✓ 96.23		0.43
129				4.85	96.10	✓ 96.11		0.01
130				4.65	96.30	✓ 95.99	0.31	
131				4.80	96.15	✓ 95.87	0.28	
○	4.70	100.15	5.50					
132				4.70	95.45	✓ 95.75		0.30
133				4.65	95.50	✓ 95.64		0.14
134				4.90	95.25	✓ 95.53		0.28
X roads				4.65	95.50	95.50	X 0.00	0.00
B.M				1.05	99.10	9		
135				5.40	94.75	✓ 95.42		0.67
136				5.30	94.85	✓ 95.34		0.49
137				5.25	94.90	✓ 95.26		0.36
138				5.55	94.60	✓ 95.78		0.58
139				5.55	94.65	✓ 95.10		0.45

127+50 20' long
12" Corrugated Sewer
5" Currets

Sub-grade to Center
S.E. Corner Port X roads

STA	B.S.	HI	FS	ROD ELEV	GRADE	CUT	FILL
100	4.55	99.40	5.30				
140				4.95 94.45	95.02		0.57
141				4.45 94.95	94.95	0.00	0.00
142				4.70 94.70	95.11		0.41
143				4.45 94.95	95.27		0.32
144				4.20 95.20	95.43		0.23
145				4.10 95.30	95.59		0.29
146				4.05 95.35	95.75		0.40
147				3.80 95.60	95.91		0.31
147+51.8				3.80 95.60	96.00		0.40

135348.68 Cur ft Cut
 135348 " " Fill
 10025.8 Cur Yds @ 15¢ 1503.87
 4115 Yds Slope @ 12.5 5141.25
 Hauling @ 35¢ 1439.55
 Spreading @ 5¢ 205.65
 Embankment 142.50
 Rolling 150 per mile 400.00
 Sewers & Ties 28.75
 18" Sewer 82.50
 6 Sewer 20' x 12" @ 13.75 825.00
 " 2'3" x 12" 14.0 cur bit 84.00
 4952.147 ||

112.55
 98.00
 8.00

14752 4"
 2842 11"
 11909

106

N. 148'
 N. 79° 52' W 142.2'
 N. 90° 31' E 1154'
 N. 79° 20' E 172.5
 N 57' E 1318.5'
 N 58° W 28.4'
 N 26758
 W 1293.2'
 N 2678 1/2 to start
 12983'
 Sta 115+79 is S. Ravine (R)

107

108

Thos. B James Et al

Dr.	148	148.00
Dr.	79° 52' N	142.20
N.	90° 31' E	1154.00
Dr.	79° 20' E	172.50
Dr.	57	1318.50
Dr.	58° N	28.33 $\frac{1}{3}$
Dr.	2675.8	2675.80
N.	1293.2	1293.20
N.	6050.50	6050.50
		<hr/>
		12987.53

148.	✓
142.2	✓
1154.	✓
172.5	✓
1318.5	✓
28.33 $\frac{1}{3}$	✓
2675.8	✓
1293.2	✓
6050.	✓
<hr/>	
12987.53	

Ora Hughes	2 Day	109
J. W. "	1 $\frac{1}{2}$ "	
Wm. Davis	1	
Wesley Hughes	1 $\frac{1}{2}$ "	

110

Thos. B Jones Rd.

STA	B.S.	H.I.	FS.	ROD	ELEV	GRADE	CUT	FILL
BM	2.85	102.85		2.85	100.00			
0				11.15	91.70	98.50	X	1.80
1				7.40	95.45	95.50		0.05
1+48'				5.00	97.85	96.46	1.39	
2				4.80	98.05	97.50	X	0.55
3				4.45	98.40	96.83	1.57	
4				8.65	94.20	96.16		1.96
5				9.90	92.95	95.50	X	2.55
6				7.60	95.25	95.82		0.57
7				5.90	96.95	96.14		0.81
8	6.90	103.70	6.05	5.30	98.40	96.46	1.94	
9				6.50	97.20	96.78	0.42	
10				6.75	96.95	97.10		0.15
11				5.65	98.05	97.42	0.63	
12				5.45	98.25	97.74	0.51	
13				6.35	97.35	98.06		0.71
14				6.45	97.25	98.38		1.13
15				5.30	98.40	98.70	X	0.30

111

S.W. cor. corner at W. side

4+56 = 36" Sewer

$$\begin{array}{r}
 102.85 \\
 \underline{6.90} \\
 109.75 \\
 \underline{4.75} \\
 105.00
 \end{array}$$

13+50 = 24" Sewer

STA	B.S.	HI	F.S.	ROD	ELEV	GRAD	CUT	FILL
16				4.50	99.20	99.36		0.16
17				3.90	99.80	100.02		0.22
0	8.30	107.35	4.65					
18				6.50	100.85	100.68		0.17
19				5.75	101.60	101.34		0.26
20				3.75	102.60	102.00 X		1.60
21				5.55	101.80	101.53		0.27
22				7.75	99.60	101.06		1.46
22+53	Cur bridge			8.05	99.30	100.80 X		1.50
Bad Str.				11.35	96.00	100.70		
23				7.85	99.50	101.46		1.96
24				5.90	101.45	102.86		1.41
25				3.25	104.10	104.27		0.17
26				1.50	105.85	105.68		0.17
0	7.70	113.95	1.10					
27				6.10	107.85	107.09		0.76
28				5.05	108.90	108.50 X		0.40
29				5.10	108.85	108.89		0.04
BM				0.90	113.05			

Heat Pump Park S. W. Cor
T. B. Jones Land

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
30		113.95		4.80	109.15	x 109.27		0.12
31				4.30	109.65	x 109.65	X 0.00	0.00
32				4.50	109.45	x 109.31	0.14	
33				4.60	109.35	x 108.98	0.37	
34				5.30	108.65	x 108.65	X 0.00	0.00
0	5.10	113.35	5.70					
35				5.30	108.05	x 107.91	0.14	
36				5.50	107.85	x 107.17	0.68	
37				8.90	104.45	x 106.44		1.99
37+60	On bridge			8.80	104.55	106.00	X	1.45
Pres Str				11.60	101.75			
38				9.85	103.50	x 106.19		2.69
39				7.10	106.25	x 106.65		0.40
B.M.				1.30	112.05			
40				5.05	108.30	107.10	1.20	
41				5.85	107.50	107.55		0.05
42				6.05	107.30	108.00		0.70
42+94	On bridge			1.90	111.45	108.42	3.03	
Pres Str				9.15	104.20			

37+60 Concrete

7' waterway

3" W.R. floor

1" Floor

25' above Floor

Ord. James E. ...

42+94

James ...

116

Thos. B. Jones Rd.

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
43		113.35		2.10	111.25	108.45	X	2.80
B.M.				3.80	109.55			
○	5.25	114.80	3.80					
44				7.85	106.95	108.71		1.76
45				5.95	108.85	108.97		0.12
46				5.00	109.80	109.23	0.57	
47				5.40	109.40	109.49		0.09
48				5.65	109.15	109.75		0.60
49				5.00	109.80	110.00	X	0.20
50				4.85	109.95	110.20		0.25
51				4.60	110.20	110.40		0.20
○	6.05	115.65	5.20					
52				5.25	110.40	110.60		0.20
53				4.75	110.90	110.80	0.10	
54				3.85	111.80	111.00	X	0.80
55				5.55	110.10	110.58		0.48
56				6.10	109.55	110.16		0.61
56 ² / ₃				5.65	110.00	110.00	X	0.00
57				6.15	109.50	110.30		0.80

117

B.M.
Large Fence Post

at Sta 43,

10' Waterway

13" Floor

H.R.	5.65
Stake	4.42
B.M.	3.72

Spik over beam

N. of Bridge

86' 27'

30" Sewer 23'

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
-----	------	----	------	-----	------	-------	-----	------

58

115.65

5.70 109.95 x110.80

0.85

58+80'

Pav Str

6.90 108.75

24" Sewer

59

4.70 110.95 x111.30X

0.35

60

4.65 111.00 x111.60

0.60

0

9.80 120.20 5.25

61

8.70 111.50 x111.90

0.40

62

8.30 111.90 x112.20X

0.30

63

7.05 113.15 x113.47

0.32

64

5.95 114.25 x114.74

0.49

65

4.20 116.00 x116.00X 0.00 0.00

66

3.80 116.40 x116.70

0.30

67

2.80 117.40 x117.40X 0.00 0.00

68

0.90 119.10 x119.45

0.35

0

5.45 124.75 0.90

69

2.35 122.40 x121.50X 0.90

70

3.35 121.40 x121.80X 0.40

71

4.60 120.15 x119.90 0.25

72

5.95 118.80 118.80X 0.00 0.00

73

7.10 117.65 x118.62

0.97

STA	T.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL	
74		124.75		7.60	117.15	118.45	X	1.30	74+48'
74+48'				7.20	117.55	118.45		0.90	36" Sewer
Bar St				9.65	115.70	118.45			
75				7.40	117.35	118.45	X	1.10	
76				6.65	118.10	118.45	X	0.35	
0	5.40	123.45	5.90						
77				5.80	117.65	118.64		0.99	
78				4.65	118.80	118.82		0.02	
79				3.35	120.10	119.00	X	1.10	
80				4.70	118.75	118.80		0.05	
81				5.70	117.75	118.60		0.85	
B.M.				3.85	119.60				New Stamp E. of 81
82				5.90	117.55	118.40	X	0.85	
82+14'				5.65	117.80	118.46		0.66	82+14' 36" Sewer
Bar St.				8.40	115.05				
83				5.15	118.30	118.86		0.56	
84				3.20	120.25	119.32	0.93		None
85				3.65	119.80	119.78	0.02		
0	6.60	126.65	3.40						

122

STA	B.S.	HI	FS	ROD	ELEV	GRADE	CUT	FILL
86		126.65		6.90	119.75	x 120.24		0.49
87				6.15	120.30	x 120.70		0.20
88				5.85	120.80	x 121.16		0.36
89				5.80	120.85	x 121.62		0.77
90				4.95	121.70	x 122.08		0.38
91				3.45	123.20	x 122.54	0.66	
92				2.10	124.55	x 123.00	1.55	
93				4.05	122.60	x 122.52	0.08	
94				5.30	121.35	x 122.03		0.68
0	3.75	125.20	5.20					
95				4.25	120.95	x 121.54		0.59
96				4.45	120.75	x 121.05		0.30
B.M.				4.15	121.05			
97				4.85	120.35	x 120.41		0.06
98				5.25	119.95	x 119.78	0.17	
99				6.05	119.15	x 119.15	0.00	0.00
100				6.35	118.85	x 119.01		0.16
101				6.45	118.75	x 118.88		0.13
102				8.40	116.80	x 118.75		1.95

123

96-12" Sewer
23' long
W. side road
Cor. Stone

124

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	GUT	FILL	102+53'
102+53		125.20		7.65	117.55	x 118.75		1.20	10' Concrete Bridge
Box Str				11.00	114.20				(3' above nuts, line 15" floor
⊙	9.70	127.80	7.60						
103				10.30	117.00	x 118.75	X	1.75	.30 above floor
104				9.50	117.80	x 119.51		1.71	
105				7.25	120.05	x 120.27		0.22	
106				5.85	121.45	x 121.03		0.42	
107				4.45	122.85	x 121.79		1.06	
108				3.30	124.00	x 122.55		1.45	
109				3.75	123.55	x 128.80	X	0.25	
110				4.00	123.30	x 123.46		0.10	
⊙	6.05	128.85	4.50						
111				5.75	123.10	x 123.50		0.40	
112				5.65	123.20	x 123.60		0.40	
113				5.25	123.60	x 123.70		0.10	
114				5.55	123.30	x 123.80	X	0.50	
115				5.70	123.15	x 126.23		3.08	
115+79				0.70	128.15	x 128.15	X	0.00	S. Rail P.P.
116				2.90	125.95	x 127.86		1.91	

125

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	GUT	FILL	102+53'
109+47 $\frac{1}{2}$									On E side 22' sewer 23' long

126

Thos. B. Jones Rd

127

STA	B.S.	HI	F.S.	PROD	ELEV	GRADE	CUT	FILL
117		128.85	3.40	125.45	x 126.50			1.05
⊙	8.60	133.80	3.65					
118			7.75	126.05	x 126.50			0.45
119			7.05	126.75	x 127.00			0.25
120			5.60	128.20	x 127.50	0.70		
120+45			4.15	129.65	x 127.50	2.15		
121			5.80	128.00	x 127.50	0.50		
122			6.70	127.10	x 127.50			0.40
123			7.10	126.70	x 127.00			0.30
⊙	5.25	131.65	7.40					
124			5.30	126.35	x 126.50			0.15
125			5.35	126.30	x 126.00	0.30		
126			5.75	125.90	x 125.50	0.40		
127			7.80	123.85	x 125.00			1.15
128			7.95	123.70	x 125.00			1.30
129			6.85	124.80	x 125.00			0.20
129+83'			5.25	126.40	x 126.40			0.00

127+41'

24" Sewer

4052 Cur Yds Fill		
<u>3394</u> " " Cut		
7446 " " @ 15¢		\$ 1116.90
Stems 3626 yds @ 1.25		4532.50
Hauling		1813.00
Spreading		181.30
Embarking		130.00
Rolling		375.00
Sewers		480.00
4 Bridges		955.00
		<hr/>
		9583.70
Profit		1000.
		<hr/>
		10583.70

\$ 4304.25

Wesley

130

Hendrickson Et al

E. 2659

N. 1702.4'

E 2843.35 to Sta 72 + 4.75'

Pls 96 + 11.50 on Jones Road

N. 1336.25' to 109 + 47.75' on

Jones Road.

E. 2606.25'

N 1337.75 to Gen Sec. 17

" 135.45

E 2615.80

202.50
28

131

Ora Hughes	2 Days
Wm Gales	2 "
Walter Kirby	2 "
Elyah Ray	1/2 "

STA	B.S	HI	F.S	ROD	ELEY	GRADE	CUT	FILL
BM	6.60	106.60		6.60	100.00			
0 ✓				6.30	100.30 ✓	100.30	x 0.00	0.00
1 ✓				6.40	100.20 ✓	100.57		0.37
2 ✓				6.10	100.50 ✓	100.85		0.35
3 ✓				5.30	101.30 ✓	101.13	0.17	
4 ✓				5.05	101.55 ✓	101.41	0.14	
5 ✓				5.25	101.35 ✓	101.69		0.34
6 ✓				4.90	101.70 ✓	101.97		0.27
7 ✓				4.35	102.25 ✓	102.25	x 0.00	0.00
8 ✓				4.20	102.40 ✓	102.87		0.47
9 ✓				3.95	102.65 ✓	103.49		0.74
⑩	10.10	112.40	4.30					
10 ✓				8.70	103.70 ✓	104.11		0.41
11 ✓				7.65	104.75 ✓	104.74	0.01	
12 ✓				6.10	106.30 ✓	105.37	0.93	
13 ✓				5.45	106.95 ✓	106.00	x 0.95	
14 ✓				5.05	107.35 ✓	106.00	1.35	
15 ✓				6.40	106.00 ✓	106.00	x 0.00	0.00
16				7.10	105.30 ✓	104.93	0.37	

Stair N. Korshoff

Said Road

134

STA	B.S	H.I.	F.S.	ROD	ELEV	GRADE	CUT	FILL
17	✓	112.40		7.20	105.20	103.86	1.34	
18	✓			9.60	102.80	102.79	0.01	
⊙	0.20	103.00	9.60					
19	✓			2.35	100.65	101.72		1.07
20	✓			3.85	99.15	100.65		1.50
21	✓			4.30	98.70	99.58		0.88
22	✓			4.75	98.25	98.50		0.25
23	✓			5.00	98.00	97.73	0.27	
24	✓			5.25	97.75	96.96	0.79	
25	✓			6.65	96.35	96.19	0.16	
26	✓			8.20	94.80	95.41		0.61
BM				9.05	93.95	94.95		
⊙	6.85	100.80	9.05					
27	✓			6.60	94.20	94.97		0.77
28	✓			6.40	94.40	95.00		0.60
29	✓			6.00	94.80	95.37		0.57
30	✓			5.30	95.50	95.74		0.24
31	✓			4.20	96.60	96.12		0.48
32	✓			4.05	96.75	96.50	0.25	# # #

135

26+36'
18" Sewer
22' long

Cor Stone Kirby's

136

STA B.S HI FS ROD ELEV GRADE CUT FILL

33 ✓		100.80		3.60	97.20 ✓	96.50	0.70		35+20'
34 ✓				5.75	95.05 ✓	96.50		1.45	18" Sewer
35 ✓				6.15	94.65 ✓	96.50		1.85	5" Cement
○	11.10	105.60	6.30						
36 ✓				10.65	94.95 ✓	96.50		1.55	
37 ✓				9.15	96.45 ✓	96.50 ✗		.05	
38 ✓				7.20	98.40 ✓	97.75	0.65		
BM				0.70	104.90				Fence Post N. W. cor. Elijah Rays Garden
39 ✓				5.30	100.30 ✓	99.00 ✗	1.30		
40 ✓				6.30	99.30 ✓	98.73	0.57		
41 ✓				6.95	98.65 ✓	98.46	0.19		
42 ✓				7.80	97.80 ✓	98.19	0.39		
43 ✓				8.20	97.40 ✓	97.92	0.52		
BM				8.60	97.00				
○	2.80	99.80	8.60						
44 ✓				2.60	97.20 ✓	97.65		0.45	
45 ✓				2.45	97.35 ✓	97.38		0.03	
46 ✓				2.70	97.10 ✓	97.10 ✗	0.00	0.00	
47				4.15	95.65 ✓	95.90		0.25	

137

138

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
48 ✓		99.80		4.80	95.00	94.70	0.30	
49 ✓				5.35	94.45	93.50	0.95	
50 ✓				7.25	92.55	92.30	0.25	
51 ✓				8.70	91.10	91.10	X 0.00	0.00
52 ✓				9.60	90.20	90.96		0.76
53 ✓				10.05	89.75	90.82		1.07
○	4.70	94.50	10.00					
54 ✓				5.10	89.40	90.68		1.28
54 + 60 ✓				3.90	90.60	90.60	X 0.00	0.00
BM				2.55	91.25			
55 ✓				5.00	89.50	90.40		0.90
56 ✓				5.55	88.95	89.90		0.95
57 ✓				5.10	89.40	89.40	X 0.00	0.00
58 ✓				5.55	88.95	89.17		0.22
59 ✓				5.90	88.60	89.94		1.34
60 ✓				5.90	88.60	88.70	X	0.10
61 ✓				7.60	86.90	88.63		1.43
62				5.95	88.55	88.55	X 0.00	0.00
BM				4.10	90.40			

139

Concrete Bridge
N.E. cor of King
E. end bridge
N.E. cor of King bridge

140

STA	R.S	H I	FS	ROD	ELEV	GRADE	CUT	FILL
0	2.90	93.30	4.10					
63 v				6.40	86.90 v	88.75	1.80	
64 v				5.15	88.15 v	88.85	0.70	
65 v				1.95	91.35 v	89.00 x	2.35	
66 v				4.25	89.05 v	88.63	0.42	
67 v				5.45	87.85 v	88.26	0.41	
68 v				5.55	87.75 v	87.88	0.13	
69 v				5.80	87.50 v	87.50 x	0.00	0.00
70 v				6.55	86.75 v	86.52	0.23	
71 v				7.80	85.50 v	85.54		0.04
72				8.60	84.70 v	84.56	0.14	
72 + 44				8.80	84.50 v	84.50 x	0.00	0.00
0	8.80	88.65	4.15					
0	9.10	90.15	7.60					
104 on				3.20	86.95 v	86.80 x		
109 + 47 1/2				3.85	86.80 v	86.94	0.64	
73 v				2.95	87.20 v	87.08	0.12	
74 v								
0	4.50	91.55	3.10					
75				4.65	86.90 v	87.22		0.32
76				4.30	87.25 v	87.36		0.11

June 20, 1911
 E. ...
 Plans, ...

96	84.50
97	83.80
98	83.40
99	82.60-82.60
100	82.30
101	82.20
102	80.25-82.00
102+53	81.00-8
103	80.45-82.20
104	81.25
105	83.50
106	84.90
107	86.80
108	87.45
109	87.00-89.75

on line S.E. cor Sec. 18

to E. or Brady 102+03

in your run - corner

as back sight 9.70

prior to 103 your run

142

B.S.

HI

FS

ROD

ELEV

GRADE

OUT

FILL

77 ✓

91.55

3.60 87.95

87.50 X 0.45

78 ✓

5.40 86.15

86.75 0.60

79 ✓

4.70 86.85

86.00 0.85

80 ✓

5.90 85.65

85.25 0.40

81 ✓

7.20 84.35

84.50 0.15

82 ✓

8.80 82.75

83.75 1.00

83+63'

83 ✓

9.60 81.95

83.00 X 1.05

10" Sewer

○

2.30 84.95 8.90

8.90

5" Concrete

84 ✓

2.15 82.80

82.38 0.42

85 ✓

3.35 81.60

81.76 0.16

86 ✓

3.55 81.40

81.13 0.27

87 ✓

5.05 79.96

80.50 X 0.60

88 ✓

5.15 79.86

80.09 0.29

91+8'

89 ✓

5.45 79.56

79.67 0.17

12" Sewer

90 ✓

5.90 79.05

79.25 X 0.20

5" Concrete

91 ✓

6.00 78.95

79.27 0.32

92 ✓

5.95 79.00

79.30 X 0.30

○

6.10 85.10 5.95

5.75 79.35

80.60 1.25

93 ✓

3.85 81.25

81.90 0.65

94 ✓

143

144

STA	R.S.	H.I.	FS	POD	ELEV	GRADE	CUT	FILL	
94+50		85.10		2.55	82.55	82.55X	0.00	0.00	On S. W. Curve of CRP
95				4.15	80.95	81.17		0.22	
96				7.00	78.10	78.41		0.31	
97				9.45	75.65	75.65X	0.00	0.00	
98				10.25	74.85	75.14		0.29	
98+11				10.65	74.45	75.08		0.63	Cor. Slon
99				10.70	74.70	74.62	0.08		
100				11.70	73.40	74.10X		0.70	100+00'
0	6.95	80.90	11.15	0					30' Curve 18" L 7" Curve
101				6.75	74.15	74.37		0.22	
102				6.35	74.55	74.64		0.09	
103				6.25	74.65	74.91		0.29	
104				5.20	75.70	75.19	0.51		
105				5.55	75.35	75.47		0.12	
106				5.15	75.75	75.75X	0.00	0.00	
107				5.35	75.55	75.28	0.27		
108				5.60	75.80	74.81	0.49		
0	2.20	77.95	5.20						
109				4.05	73.85	74.33		0.48	

65

145

146

STA	B.S.	HI	FS	ROD	ELEV	GRADE	CUT	FILL
110		77.90		5.05	72.85	73.85		1.00
110+74				4.60	73.20	73.50X		0.20
Red Str				8.20	69.70			
111				4.85	73.05	73.68		0.63
BM				4.00	73.90			
112								
⊙	6.10	79.45	3.55					
112				5.30	74.15	74.37		0.22
112+84 3/4				4.50	74.95	74.95X	0.00	0.00
113				4.65	74.80	75.01		0.21
114				5.25	74.20	75.38		1.18
115				4.35	75.10	75.75		0.65
116				2.75	76.70	76.12	0.58	
117				1.00	78.45	76.50X	1.95	
118				2.90	76.55	75.77	0.78	
119				6.40	73.05	75.03		1.98
⊙	1.65	77.60	3.50					
120				2.20	75.40	74.29	1.11	
121				4.05	73.55	73.55X	0.00	0.00

5' Concrete
 2.50 H.P.C. floor
 1.00
 30 floor to subgrade

Car Stone Cen 17

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
122		77.60		6.00	71.60	72.15		0.55
123				7.00	70.60	70.75		0.15
BM				1.15				
124				8.30	69.30	69.35		0.05
125				9.65	67.95	67.95	0.00	0.00
126				11.60	66.00	67.24		1.24
①	2.50	70.15	9.95					
127				4.20	65.95	66.53		0.58
128				4.75	65.40	65.82		0.42
129				5.05	65.10	65.10	0.00	0.00
130				4.55	65.60	64.42	1.18	
131				6.10	64.05	63.74	.31	
132				7.10	63.05	63.06		0.01
133				8.10	62.05	62.38		0.33
①	2.95	65.40	7.70					
134				4.25	61.15	61.69		0.54
135				5.25	60.15	61.00		0.85
136				5.30	60.10	60.55		0.45
137				5.15	60.25	60.10	0.15	

$\frac{90}{23}$
 $\frac{536}{226}$
 $\frac{578}{535}$
 $\frac{578}{143}$

Ferns Cant
 Cor Julia Salmon
 at Sta 123

136.00

1/8" Sewer

150

STA	B.S.	HI	F.S.	ROD	ELEV	GRADE	CUT	FILL
138		65.40		4.40	61.00	59.65	1.35	
139				6.80	58.60	59.20		0.60

3312 Cut Geo Fill

5488 " " Cut

8800 " " @ 15c

3871 Geo Stone @ 1.25

Hauling @ 50¢

Spreading @ 5¢

Embanking

Rolling

Sewer 24"

" 30"

" 10" x 12"

" 2-18's

Buses

Profit

3798.43 per mile

\$	1320.00
	4888.75
	1936.50
	193.65
	135.00
	400.00
	35.46
	47.05
	28.10
	46.20
	185.00
	<hr/> 9162.71
	837.29
	<hr/> 10000.00

51

GRADE CUT FILL

138+92 1/2"

24" Sewer

22' Long

18

152

D. E. cor 27

Reach 16" N. 81° E 16 L

" 16 S. 20° W 26

W. Cor 12" N 17° E 76

$$\begin{array}{r} 76 \\ 66 \\ \hline 456 \\ \times 56 \\ \hline 3016 \end{array}$$

$$\begin{array}{r} 26 \\ 66 \\ \hline 156 \\ 156 \\ \hline 1716 \end{array}$$

$$\begin{array}{r} 9.52 \\ 5.17 \\ \hline 4.35 \end{array}$$

$$\begin{array}{r} 9.67 \\ 8.17 \\ \hline 9.52 \\ 5.92 \\ \hline 3.60 \end{array}$$

9.67

3.60 - Water, etc



14

153

11.73

5.23

6.50

5.17

1.33

11.40

8.77

2.63

Below Sta - W L

$$\begin{array}{r} 10.44 \\ 6.56 \\ \hline 3.88 \end{array}$$

$$\begin{array}{r} 6.56 \\ 9 \\ \hline 6.65 \\ 1.17 \\ \hline \end{array}$$

$$\begin{array}{r} 1.17 \\ \hline 1.26 \end{array}$$