

← A4 →

← LETTER →

1916
Keeney Ditch Middle Tenn

KEENEY DITCH
JOE JONES
GASTON ARM TO BARRETT DRAIN
WORRELL DITCHES *Arm*

55

5

2

Meeney Ditch

Stol.	B.S.	I.I.	F.S.	Elev.				
		42.91						
94		7.26	35.15	29.61	.60	5.54		
		12.20	30.21				7.05	
950		8.66	33.75	33.75	29.44	.67	4.31	
X		12.30	30.11	30.11			7.10	
X	5.89	39.64						
96			5.40	34.24	29.24	.61	4.96	
		9.75	9.75	29.89			8.77	
97			6.80	32.84	29.12	.97	3.72	
			9.55	30.09			11.40	
98			5.43	34.21	28.96	1.08	5.25	
			9.60	30.04			8.16	
99			6.62	33.02	28.80	.39	4.22	
			10.45	29.19			3.39	
100			4.41	35.23	28.62	.22	6.61	
			10.80	28.84			1.72	
1010			5.90	33.74	28.45	.09	5.29	
			11.10	28.54			2.00	

4	H.I.	FS	Elev			
π	2.51	36.25	2	3374		
102		3.01	33.24	28.28	.27	4.96
		7.70	28.53			3.39
103		2.86	33.39	28.11	.34	5.28
		7.90	28.45			3.05
104		4.76	31.49	27.94	.21	3.55
		8.10	28.15			3.83
105		5.01	31.24	27.77	.48	3.47
		8.00	28.25			5.16
106		1.69	34.56	27.60	.45	6.96
		8.20	28.05			3.22
107 @		3.55	32.70	27.42	.13	5.28
		8.70	27.53			.78
π	4.86	37.36				
108		5.78	31.58	27.25	.01	4.33
		10.10	27.26			2.72
109		4.45	32.91	27.08	.48	5.83
		9.80	27.56			3.50

6										
Stat	B.S.	H.I.	F.S.	Elev.	Grade	Cut				
110		37.36	4.41	32.95	26.91	.15	6.04			
			10.30	27.06				3.44		
111			5.90	31.46	26.74	.47	4.72			
			10.15	27.21				3.39		
112			6.29	31.07	26.57	.14	4.50			
			10.65	26.71				1.78		
113			7.40	29.96	26.40	.18	3.56			
			" ₂	26.58				2.89		
114			6.55	30.81						
7	7.75	38.56								
114			8.74	29.82	26.32	.34	3.50			
			12.10	26.46				3.94		
115			8.85	29.71	26.24	.37	3.47			
			11.95	26.61				3.44		
B.M			4.30	34.26						
116			9.30	29.26	26.16					
			12.15	26.41				2.94		

26.40
 28.82
 14) 2.40 (17.14
 14
 100
 98
 20
 60

Top n. end retaining stone slab.
 .25 3.10
 S. side bridge.

Stn	B.S.	H.I.	F.S.	Elev.	Grade		
117		38.56	9.38	29.18	26.07	.28	3.10
			12.20	26.36			2.72
118	0		9.39	29.17	26.00	.21	3.17
			12.35	26.21			
π	8.78	37.95	8				1.89
119			9.43	28.52	25.92	.13	3.60
			11.90	26.05			1.89
120			10.18	26.77	25.84	.21	.93
			10.96	26.05			7.22
121			7.89	30.06	25.76	1.09	4.30
			11.10	26.85			
0			8.46	29.48			11.80
π	4.86	34.35					
122			4.95	29.40	25.67	1.03	3.72
			7.64	26.71			7.95
123			4.69	29.66	25.60	.40	4.06
			8.35	26.00			5.72

10

Stat.	B.S.	H.I.	F.S.	Elev.			
124		34.35	8.521	29.14	25.62	.63	3.62
			8.20				
			8.35	26.15			5.50
125			5.83	28.52	25.44	.36	3.08
			8.55	25.80			2.70
126			5.23	29.12	25.36	.09	3.76
			8.90	25.45			.50
127			6.70	27.65	25.28	-	2.37
			9.10	25.25			1.39
128			5.94	28.41	25.20	.25	3.21
			8.90	25.45			5.78
π	4.61	33.02					
129			5.88	27.14	25.12	.79	2.02
			7.80	25.91			6.50
130			6.19	26.83	25.04	.38	1.79
			7.60	25.42			2.11
131			5.13	27.89	24.96	-	2.93
			8.35	24.67			.78

11

12

S.H.S. B.S. H.L. F.S. E.P.

132 33.82 5.34 27.68 24.88 .14 2.80

8.00 25.02 .51

1330 4.90 28.12 24.80 .32 3.32

7.90 25.12 1.78

π 4.62 32.74

134 4.27 28.47 24.72 - 3.75

8.05 24.69 -

135 4.65 28.09 24.61 - 3.45

8.40 24.34 3.22

136 5.29 27.95 24.56 .58 2.89

7.60 25.14 4.66

137 5.65 27.09 24.48 .26 2.61

8.00 24.74 2.50

138 5.91 27.33 24.40 .19 2.93

8.15 24.59

Keeney ditch

B.M. 44.35

13

138
30
68

252.00 28

Stat.	B.S.	H21.	F.S.	K101.			
56	1.60	45.95		44.35			6.19
56			3.98	42.47	35.77	.78	6.70
			9.40	36.55			3.96
55			3.97	41.98	35.23	.02	6.05
			10.00	35.95			.85
54			3.21	42.74	36.09	.21	6.65
			9.65	36.36			3.96
53	0		2.95	43.50	36.26	.59	7.24
			9.10	36.85			5.30
52	6.26	49.76	12				
52			5.45	44.31	36.42	.84	8.89
			12.50	37.26			5.75
51			3.95	45.91	36.58	.73	9.33
			12	37.21			4.22
50			2.32	47.44	36.75	.41	10.69
			12.60	37.16			
49	0		5.90	43.86			
48	7.75	48.61					

16	17.1	F.S	Flet					
37at								3.82
49	98.61	3.45	45.16	36.91	.62	8.25		
	$\frac{1}{2}$		37.53					5.40
48	5.09	5.05	43.56	37.01	.84	6.49		
	10.70	10.70	37.91					6.15
47		5.69	42.92	37.24	.82	5.78		
		10.55	38.06					5.60
46		3.60	45.01	37.40	.68	7.61		
		$\frac{1}{2}$	38.08		45.50	ditch	4.40	turns W
45		5.03	43.58	37.60	.51	5.98		
		10.50	38.11					3.04
44		3.11	45.50	37.80	.31	7.30		
		10.50	38.11					3.74
430		2.25	46.36	37.91	.70	8.95		
π	2.50	48.86						3.60
43		10.25	38.61					
42		3.02	45.84	38.02	.27	7.82		
		10.55	38.29					

37.80
28.80
539.00
55
350
330
20

17

Stat	B.S.	H.I.	F.S.	Elev
41		48.86	44.2	44.44 38.13
			10.60	38.26
40		5.72	43.14	38.24
			10.40	38.46
39		3.28	45.54	38.35
			10.40	38.46
380		3.22	45.64	38.46
			10.50	38.36
π	2.77	48.41		
37		4.38	44.03	38.57
			10.00	38.41
36		2.14	46.26	38.68
			9.65	38.76
35		1.86	46.55	38.79
			9.55	38.86
34		2.98	45.43	38.88
			10.00	38.41

.13	6.37	1.48
41 + 60	Rail fence	
		1.30
.22	4.90	
40 + 20	Rail wire fence & private bridge	
	Corn N.	1.22
.11	7.19	
	Ragwood S	
		.41
-	7.18	
		-
-	5.46	
		.30
.08	7.58	
		.55
.07	7.76	
		.26
-	7.05	
	-	

20

Stat.	B.S.	H.L.	F.S.	Elev.				
33		48.41	2.66	45.75	38.96	33 6.77		
			10.00	38.41		31.50	Curve 1/2 round to S	
320			3.38	45.03	39.09	.12	5.94	along W side wire fence.
π	4.08	49.11						
32			9.90	39.21			4.81	
31			4.10	45.01	39.20	.01	5.81	
			1.12	39.21			.03	
30			3.51	45.60	39.31	-	6.29	
			9.90	39.21				
29			2.90	46.21	39.42	-	6.79	
			10.00	39.11		29 + 5	W along N. of wire fence	
30 328			4.50	44.61	39.53	.03	5.08	Past S. corn N
			9.55	39.56			.37	
27			2.80	46.31	39.64	.07	6.67	
			9.40	39.71			52	
260			2.95	46.16	39.76	.07	6.41	
π	5.66	51.82						
26			12.00	39.92				

21

Stat	H.S.	H.I.	F.S.	F.W.			
							.48
25		51.82	5.05	46.77	39.86	.06	6.91
			11.90				
			12.00	39.92			2.82
24			4.91	46.91	39.91	.70	6.94
						Two No	24
							4.22
			11.15	40.67		24.75	wire fence private bridge
24			4.19	47.63	40.08	A4	7.55
			11.40	40.42			5.26
23			5.00	46.82	40.11	.98	6.63
						23 + 50	turns N in oats field
X			10.65	41.17			
A	5.00	51.82					6.70
22			4.70	47.12	40.29	.83	6.83
			10.70	41.12			6.75
21			5.22	46.60	40.40	.99	6.20
						N.VI	
			10.83	40.99			5.19
20			4.30	47.52	40.51	A1	7.01
			10.90	40.92			2.26
19			3.53	48.29	40.00	.20	7.67
			11.00	40.82			

24

Stor	B.S.	H.I.	F.S.	Flav			
18		51.92	3.30	48.52	40.73	.09	7.79
			11.00	40.82			3.04
17 0			3.35	48.47	40.84	.73	7.63
			10.25	41.57			
π	4.93	53.40					4.36
16			5.17	48.23	40.95	.45	7.28
			12.00	41.40			2.56
15			4.79	48.61	41.06	.24	7.55
			12.10	41.30			2.19
19			4.59	48.81	41.17	.33	7.64
			11.90	41.50			1.22
13			4.26	49.14	41.28	.01	7.86
			11.80	41.20			.95
12			6.01	47.39	41.39	.26	6.00
			11.25	41.65			2.48
11 0			6.45	46.95	41.49	.41	5.46
			11.50	41.90			
π	5.59	52.54					

25

14 + 65 stalk pasture on w

On E ditch

26

Stat	B.S.	H.I	F.S.	Elev			
10		52.34	^{4.60} 16.10	47.94	41.60	.84	6.34
			10.10	42.44			5.06
90			4.52	48.02	41.71	.53	6.31
			10.30	42.24			2.18
A	4.96	52.08					
8			6.22	46.76	41.82	.06	4.94
			11.10	41.88			2.26
7			4.59	48.39	41.93	.55	6.46
			10.50	42.48			4.40
6			5.67	47.31	42.04	.64	5.27
			10.30	42.68			3.41
5			4.71	48.27	42.15	.28	6.12
			10.55	42.43			1.85
A0			6.36	46.62			
A	5.56	52.18					
4			5.41	46.77	42.26	.22	4.51
			9:70	42.48			

27

8. W. fence running W
Timothy W
7. Oats field ends corn begins
on E. 4.40
Ditch turns from slight N.E to W

5/28

B.S.

H.I.

F.S.

Elev.

3

4.6

4.63

47.55 4237

.08

5.18

1.11

1/2

42.45

.30

2

2.76

49.42 4244

-

6.98

9.75

42.43

22

1

2.66

49.52 42.52

.06

7.00

1/2

42.58 42.61

.13

.73

0

9.45

42.73

Bottom of tile

John Keeney

70

36.59

Enos Keeney

1

7.30

43.89

0

8.42

35.42 33.40

.19 Pature N

2.02

10.30

33.59

Oct. 5 1.89

5.82

1

4.50

39.39 33.57

.32

1/2

33.89

2.55

5.07

2

5.08

38.81 33.74

.45

9.70

34.19

.68

5.11 4.19

3

4.87

39.02 33.91

3 + 52

Corn N

9.30

34.59

29

42.60
37.80
44.80
44.40
40.00

Sta	BS	H.I.	F.S.	F.I.P.V			
							4.40
4		4389	5.19	38.70	34.08	.51	4.62
			9.30	34.59			4.64
5			4.12	39.77	34.25	.74	5.52
			8.90	34.99			4.86
60			4.86	39.05	34.42	.57	4.61
			8.90	34.99			
	6.31	45.37					6.50
7			6.00	39.34	34.89	1.05	4.75
			9.70	35.64			6.77
8			6.11	39.23	34.76	.78	4.47
			9.80	35.54			5.34
9			6.77	38.57	34.95	.66	3.64
			9.75	35.59		9	Corn S.
							5.15
100			4.72	40.62	35.11	.73	5.51
			9.50	35.84			
K	5.74	46.36					6.51
11			7.21	39.15	35.21	1.03	3.87
			10.05	36.31			

32

Stat.

B5

H. 1.

FS.

Flou

33

12

4.636

6.01

40.35 35.46

.96

4.90

7.26

10.05

36.31

4.26

13

6.01

40.35 35.62

.19

4.73

10.55

35.81

2.00

14

5.63

40.73 35.91

.35

4.92

10.20

36.16

3.86

15

4.85

41.51 35.91

.68

5.53

9.70

36.66

3.30

16 0

6.54

39.82

π

6.69

46.51

16

5.33

41.18 36.15

.21

5.03

10.15

36.36

2.79

17

4.71

41.80 36.32

.54

5.48

9.65

36.86

3.74

18

4.70

41.81 36.49

.47

5.32

9.55

36.96

3.04

19

5.00

41.51 36.66

.35

4.85

9.50

37.01

34 Stat.	B.S.	H.I.	F.S. Elev	F. Elev				
20		46.51	5.40	41.11	36.85	.66	4.26	3.74
			9.00	37.51				3.11
0			5.40	41.11				
π	4.54	45.65						
21			3.30	42.35	37.02	.18	5.33	
			8.45	37.20				2.37
22			4.25	41.40	37.19	.46	4.21	
			8.00	37.65				4.07
23			3.52	42.13	37.36	.64	4.77	
			7.65	38.00				4.30
24			2.80	42.85	37.53	.52	5.32	
			7.60	38.05				3.66
25			2.05	43.60	37.70	.47	5.90	
			4					4.15
π	3.62	47.22						
25			9.05	38.17				
26			3.55	43.67	37.87	.65	5.80	
			8.70	38.52				

36

Stat.	B.S.	I.L.	F.S.	Elev.		
27		4722	3.72	43.50	38.09	48 5.46
			8.70	38.52		3.30
28			3.78	43.44	38.21	41 5.23
			8.60	38.62		4.64
29			5.59	41.63	38.38	84 3.25
			8.06	39.22		8.15
30			3.40	43.82	38.56	1.36 5.26 30 + 20 Road
			7.30	39.92		9.04
O.B.M.			1.34	45.88		S. end E parapet of bridge.
π	3.44	49.32				
31			5.99	43.33	38.73	1.09 4.60
			9.50	39.82		8.50 11.70
32			5.69	43.63	38.90	1.22 4.73
			9.20	40.12		9.00
33			4.84	44.98	38.07	1.25 5.41
			9.00	40.52		7.15
34			4.35	44.97	39.24	.68 5.73
			9.40	39.92		

37

38

Stat	BS	H.L.	FS	FLN		
35		49.32	9.60	39.72		3.70
0			5.31	44.01		
A.	6.30	50.31				4.26
355			5.20	45.11	32	5.71
			9.95			
37			5.00			
3			8.09			
			9.60			
			8.09			
36			8.09	42.22	39.53	1.83 2.69
			9.95	40.56		6.96
37			5.00	45.31	39.66	1.05 5.65
			9.60	40.71		9.75
38			5.11	45.21	39.79	1.52 5.42
			9.00	41.31		7.75
39			5.28	45.03	39.93	.58 5.10
			9.80	40.51		5.70
40			5.40	44.91	40.05	.96 4.86
			9.30	41.01		
			4.90			

39

89
 3340
 355000 L/H
 150
 140
 10
 34360 L/H
 35
 250
 255
 51

40

410

52.31 4.96 45.35 40.18

80 5.17

6.50

π

5.68 51.03

5.15

~~41~~

10.05

~~5.32~~ 40.98 40.31

42

5.32 45.71 40.44

59 5.27

10.00 41.03

4.59

43

5.98 45.05 40.58

65 4.47

44

9.80 41.23

6.36

44

5.15 45.88 40.71

1.07 5.17

9.15 41.88

9.00

45

6.47 44.56 40.94

1.34 3.72

8.85 42.18

11.10

46

4.76 46.27 40.97

1.66 5.30

8.40 42.63

11.00

47

5.11 44.92 41.11

1.32 3.81

8.60 44.13

9.65

480

5.95 46.08 41.24

1.29 3.84

8.50 42.53

π

8.30 53.38

41

Stat.	B.S.	H.I.	F.S.	Flux			
49		5338	7.18	46.20	41.37	1.36	4.83
			10.65	42.73			
50			6.10	47.28	41.50	1.28	5.78
			10.60	42.78			
51			9.31	44.07	41.64	1.19	2.43
			10.55	42.83			
0			5.89	47.49			
52		53.33	10.20	43.18	41.77	1.41	5.98
π	6.83	54.32					
52			5.57	47.75			
53			7.00	47.32	41.90	1.32	5.42
			1.2	48.22			
54			6.66	47.66	42.03	1.24	5.63
			11.05	43.27			
55			6.40	47.92	42.17	1.05	5.75
			11.00	43.32			
56			4.77	49.55	42.30	1.12	2.25
			10.90	43.42			

52+50 ditch leaves woods.
Wheat 10.01

9.72

9.70

9.15

9.61

9.47

7.96

8.00

44

Stat B.S. H.I. F.S. Elev 10.04

57 5432 5.71 48.61 42.43 1.69 6.18

10.20 44.12 9.45

58 6.08 48.29 42.56 .88 5.68

π 5.60 53.84 8.20

58 10.40 43.44

59 4.86 48.98 42.70 1.34 6.28

9.80 44.09 8.76

60 4.70 49.19 42.83 .91 6.31

10.00 43.74 7.35

61 4.88 48.96 42.96 1.08 6.00

9.80 44.04 9.35

62 5.78 48.06 43.09 4.97

9.30 44.54 1.45 10.04

63 6.40 47.44 43.23 1.36 4.21

9.25 44.59 10.00

64 5.66 48.18 43.36 1.33 4.82

9.15 44.69

47.69

Stat.	B.S.	H.I.	F.S.	Elev.
65		5384	5.50	48.34 43.50
			1/2	44.58
660			5.35	48.49 43.63
π	4.16	5265		
			8.15	44.50
67			5.82	46.83 43.77
			8.00	44.65
68			3.95	48.70 43.90
			7.90	44.75
69			4.85	47.80 44.03
			7.90	44.75
70			4.81	47.89 43.11
			7.75	44.90
740			4.11	48.54
π	4.66	53.20	3.7	
71			3.75	49.95 44.20
			1/2	44.74
			7.61	44.59

3339
47.34

14
8.90

1.08 4.84

7.20

87 4.86

6.46

88 3.06

6.40

.85 4.80

6.90

.72 3.77

7.35

1.79 4.73

8.57

.54 5.25

1.90

Bottom of file at 714.95

4420
39.40
36) 9.80 21
72
260
132
36) 4.80 122
36
120
128
12

48

Joe Jones

Stat	B.S.	A.h.	F.S.	F/PT
0.84	4.84	54.84		50.00 4300
			10.90	43.94
1	4.84		4.84	50.00 4370
			11.55	43.29
2			5.79	49.05 4370
			10.60	44.24
3			6.00	48.84 4370
			11.30	43.54
4			6.20	48.64 4370
			11.30	43.54
5 @			5.12	49.72 4360
π	5.77	53.49		
5			9.10	44.39
6			4.15	49.34 43.61
				43.46
7			4.11	49.38 43.58
			9.90	43.59

49

6.20
Top rock on Co-line

.14 .78

6.22 2.67

5.29

.98 2.67

5.11

4.96

4.10

.74 6.07

4.10

5.73

.11

.01 5.80

576
612
648
684
728
764
800

Stat.	B.S.	H.L.	F.S.	El. 1			200
8		53.49	4.48	49.01	43.54	.35	5.47
			9.60	43.89			2.11
9			4.55	48.84	43.50	.04	5.34
			"	43.59			.22
10 0			3.60	49.89	43.47	-	6.42
A	3.93	53.82					280 324 360 398 432 468 504 540
10			"	43.22			
11			4.75	49.07	43.43	-	5.64
			10.90	42.92			-
12			4.38	49.44	43.40	-	6.09
			10.55	43.27			-
13 0			3.54	50.28	43.36	-	6.92
A	4.07	54.35				13100	corn on W.
13			"	43.31			.17
14			4.69	49.66	43.32	.03	6.39
			11.00	43.35			4.45
15 0			4.30	50.05	43.28	.86	6.76
			10.20	44.15			

Stat.	B.S.	A.I.	F.S.	Elev			
						5.67	
π	3.65	53.70 50.05	53.70	50.05			
16			3.17	50.53	43.24	.16	7.29
			1/2	43.40			
17			3.65	50.05	43.21		
			10.15	43.55			
18			5.94	47.76	43.17	.83	4.59
			9.70	44.00			
19			5.83	47.87	43.13	.32	4.79
			10.25	43.45			
20			5.58	48.12	43.10	.02	5.02
π	6.00	54.12					1.83
20			11.00	43.12			
21			6.32	47.80	43.06	.31	4.79
			10.75	43.37			
22			6.19	47.93	43.03	-	4.90
			11.10	43.02			
23			6.19	47.93	42.99	.03	4.94
			11.10	43.02			

16+80 Fence 2.78
 34 6.84
 Corn E. Oats field W. & corn

854
 76
 470
 474
 2026
 1062
 98
 174
 670
 206
 242

Stat	B.S.	H.I.	F.S.	Elev			
			5.87				2.78
24		54.12	3.65	48.25 42.95	.47	5.30	
			10.70	43.42			6.47
25			6.16	47.36 42.92	.50	5.09	
			10.70	43.42			4.44
26			5.10	49.02 42.88	.39	6.14	
			10.85	43.27			3.66
27			4.78	49.34 42.85	.27	6.49	
			11.00	43.12			
28	4.77	54.11					1.50
			6.00	48.11 42.81	-	5.30	
			11.60	42.51			
29			5.31	48.80 42.71	-	6.03	
			11.40	42.71			2.05
30			5.06	49.05 42.74	.37	6.31	
			11.00	43.11	30	Fence Oats v. Timothy E.	
			4.93	49.18 42.70			2.66
31			11.30	42.81	.11	6.48	

202
 738
 774
 810
 846
 882
 918
 954

Stat	B.S.	H.I.	F.S.	Elev			
32 O		54.11	5.32	48.79	42.67	.58	6.12
π	4.71	53.50					
32			10.25	43.25			6.21
33			5.20	48.30	42.63	.37	5.67
			10.50	43.00			3.00
34			4.95	48.55	42.53	.21	5.96
			10.70	42.80			2.50
35			3.57	49.93	42.56	.24	7.37
			10.70	42.00			6.94
36			3.73	49.77	42.52	.83	7.25
			10.05	43.45			6.32
37 O			4.86	48.64	42.49	.71	6.15
			10.30	43.20			8.15
π	5.22	53.86					
38			4.69	49.17	42.45	.76	6.72
			10.65	43.21			8.36
39			4.71	49.15	42.41		6.74
			10.70	43.16		.15	

378
414
450
486
522
558
594
630
666

Stat.	BS	H.I	F.S	Elev			
40		53.86	4.77	49.09	42.38	.88	6.71
			10.60	43.26			10.02
41			4.28	49.58	42.34	1.02	7.24
			10.50	43.36			8.43
42			4.35	49.51	42.31	.52	7.20
π	4.62	54.13					4.98
42			11.30	42.83			
43			4.05	50.08	42.27	.36	7.81
			11.50	42.63			4.22
44			5.35	48.78	42.23	.40	6.55
			11.50	42.63			
45			5.24	48.89			5.10
π	5.62	54.51					
45			5.25	49.26	42.20	.61	7.06
			11.70	42.81			5.88
46			4.55	49.36	42.16	.95	7.80
			11.90	42.61			

126
162
198
234
270
306
342
378

Stat.	B.S.	A.I.	F.S.	Elev			
47	0	54.51	4.41	50.10	42.13	.28	7.97
			12.10	42.41			6.60
48	π	5.49	55.59	6.15	49.44	42.08	.91 7.36
			12.60	42.99			X 10.00
49			6.08	49.51	42.04	.89	7.47
			11.2	42.93			9.75
B.M.O		54.62	3.43	52.16			N. end vi Spandrel Road.
50	π	1.86	54.02	5.61	49.98	42.00	.87 7.98
				11.15	42.87		9.00
51			5.25	48.77	41.81	.75	6.80
			11.30	42.72			9.54
52			6.08	47.94	41.91.	1.09	6.00
			11.00	43.02			9.54
53			5.69	48.33	41.90	.62	6.93
			11.50	42.52			

N. end vi Spandrel Road.
Corn both sides

276
972
105
144
080
126

Stat	B.S.	I.I.	F.S.	Elev.				
54		54.02	6.09	47.93	41.86	96	6.07	8.76
			11.20	42.82				10.05
55			5.00	49.02	41.82	.90	7.20	
			11.30	42.72				8.05
56	0		5.21	48.81	41.79		7.02	
			11.40	42.62				
	π	4.75	53.56					8.65
57			4.44	49.12	41.75	1.01	7.37	6.08
			10.80	42.76				644
								10.07
58			4.18	49.38	41.72	.84	7.46	7.10
			11.2	42.56				7.36
								7.29
59			4.20	49.36	41.68	.68	7.68	8.20
			11.20	42.36				8.97
60			4.97	48.59	41.64	.92	7.95	
			11.00	42.56				8.15
61			5.26	48.30	41.61	.55	6.69	
			11.40	42.16				

55 Fence N. corn.
83
fence N's ditch. ^{Date} 11/11/5

64

Stat. B.S. H.L. F.S. Elev.

62

53.56 5.06 48.50 41.57

11.25 42.31

63 0

5.14 48.42 41.55

x

4.80 53.22

63

11.00 42.22

64

4.90 48.32 41.50

11.30 41.92

65

5.02 48.20 41.46

11.15 42.07

66

4.70 48.52 41.43

11.10 42.12

67

3.30 49.92 41.39

11.20 42.02

68

4.81 48.41 41.36

11.10 42.12

69

8.70

3.99 49.23 41.33

11.2 42.01

65

.74 6.93 7.15

62+70 Fence N4 S

Corn N. Tim. S 7.36

.68 6.88

6.10

.42 6.82

5.71

.61 6.74

7.21

.69 7.09

7.82

.63 8.53

67+50 Corn S.

.76 7.05 7.71

68+20 fence still N to ditch

Fence N. 8.06

.69 7.91

298

284

320

356

392

428

464

500

536

572

66

3 Feb B.S. Hd. F.S. Flav.

70

53.22 4.20 49.02 41.28

.62 7.79

7.32

1/2 41.90

6.49

710

4.28 48.94 41.25

.55 7.69

π

4.45 53.39

6.76

71

1/2 41.80

72

4.50 48.89 41.21

.49 7.68

1/2 41.70

5.38

73

3.90 49.49 41.18

.41 8.31

11.80 41.59

7.36

74

4.67 48.72 41.14

.95 7.58
Fence N. Corn N

11.30 42.09

10.07

75

4.58 48.81 41.10

.89 7.71

11.40 41.99

10.07

76

4.75 48.64 41.07

.97 7.57
7610 Twp. line ditch on line

1/2 42.04

Tim. S 10.12

77

5.60 47.79 41.03

1.06 6.76

11.30 42.09

67

68

Stat	B.S.	H.I.	F.S.	Elev				
780		53.39	5.21	48.18	41.00	41	7.18	8.10
π	4.83	53.01						9.20
78			11.60	41.41				
79			4.64	48.35	40.26	1.25	7.39	
			10.80	42.21				9.65
80			4.94	48.07	40.22	.49	7.17	
			11.60	41.41				6.71
81			4.87	48.14	40.89	.72	7.25	
			11.40	41.61				9.04
82			5.27	47.74	40.85	1.01	6.89	7.46
			11.15	41.86				7.0
								8.16
								9.64
								11.19
84			5.18	47.83	40.82	.89	7.01	9.60
			11.30	41.71				9.96
						1.23	7.55	11.19
850			4.68	48.33	40.78	.85	7.0	11 fence ends.
π	4.10	52.93						
85			10.40	42.03				11.20
86			4.74	47.69	40.75	.78	6.94	
			10.90	41.53				

69

70

Stat BS. H.I. F.S. Elev 7.21

87 52.43 4.82 47.61 40.71 .52 6.90
11.20 41.23 6.0088 4.65 47.78 40.67 .56 7.11
11.20 41.23 6.9988 4.63 47.80 40.63 Two stakes No 88
11.10 41.33 6.9288 4.58 47.85 40.60 .53 7.25
11.30 41.13 89 180 wheat S. 4.71

90 4.71 47.72 40.57 .32 7.19

π 3.75 51.47 40.90 8.04 40 468

91 3.98 40.90
10.70 47.49 40.54 .23 7.48 5.76
10.70 40.77 2.33 40.676
3692 3.66 47.81 40.504 .17 7.31 40.602
10.80 40.67 6.71 40.632
3693 3.67 47.80 40.46 .86 7.34 6.14
10.15 41.32 12.20 71.0
7.1694 4.04 47.43 40.43 11.34 7.00
9.80 41.67

71

40.396
36
40.432
36
40.468
36
40.504

72									
Stat.	B.S.	H.I.	F.S.	F.I.O.V.					
95		51.47	3.65	47.82	40.39	1.28	7.93		14.50
			9.80	41.67					10.90
960			3.09	48.36	40.36	.67	8.00		
K	4.12	52.48							
96			11.45	41.03					9.31
97			4.01	48.47	40.32	1.01	8.15		
			11.15	41.33		$\frac{2.88}{.57}$			8.65
98			4.63	47.85	40.28	.55	7.57		
			11.65	40.83					6.55
99			5.18	47.30	40.25	.63	7.05		
			11.60	40.88		$\frac{1.80}{.27}$			4.99
100			5.45	47.03	40.21	.27	6.82		
			12.00	40.88					3.16
101			5.47	47.01	40.18	.30	6.83		
			12.00	40.88					4.10
102			4.78	47.70	40.14	.44	6.56		
			11.90	40.58					

73

74	Stat	B.S.	H.I.	F.S.	Elev
	103		52.48	5.31	47.17 40.10
				12.05	40.43
	B.M. D		2.32		50.16
	7	3.00	53.16		
	104			6.55	46.61 40.07
				1.12	40.56
	105			5.00	48.16 40.03
				13.00	40.16
	1060			5.54	47.62 <u>40.00</u>
		4.87	52.99		
	106			12.10	40.39
	107			4.89	47.60 39.21
				12.30	40.19
	108			4.41	48.08 39.20
				12.30	40.19
	109			4.05	48.44 39.85
				12.40	40.09

75					
				4.26	
	.33			7.07	
				DIFF bridge	4.37
				bolt head	of next to
				Top, E. I-Beam	2' N middle Ver. rod.
	.49			6.34	
				Corn	5 Oats N
	.13			8.13	
				3.44	
				<u>2.88</u>	3'
	.39			7.62	
					4.30
	.24			7.65	
					4.05
	.29			8.18	
					4.05
	.24			8.59	

43.80
44.00
1.00
3.14
3.20

40.07
40.16

43.90

Stat.	13 S.	H.L.	F.S.	Elev				
110		52.99	4.35	48.14	39.80	.09	8.34	2.41
			12.60	39.89				4.66
1110			4.45	48.04	39.75	.34	8.29	
			12.10	40.39				
42π	4.38	52.42						4.36
1120			4.50	47.92	39.70	.05	8.22	
			1/2	39.75				
π	3.50	51.42	4.50					3.37
113			3.77	47.65	39.65	-	8.00	
			12.20	39.22				-
114			2.52	48.90	39.60	-	9.30	
			12.00	39.42				-
115			3.95	47.47	39.55	-	7.92	
			12.40	39.02				-
116			3.65	47.77	39.50	-	8.27	
			12.10	39.32				-
1170			3.92	47.50	39.45	-	8.05	
			12.00	39.42				

78

Stat.	B.S.	H.I.	F.S.	Flev
HBT	2.90	50.40		47.50
118			8.67 10	41.73 39.40
			10.70	39.70
119			2.78	47.62 39.35
			11.50	38.90
120			11.40	39.00 39.30
0			2.29 11.40	48.11
π	7.64	52.69		
120			5.09	47.60 39.00
121			5.71	46.98 39.25
			1/2	39.97
122			5.48	47.21 39.20
			1/2	39.94
123			5.85	46.84 39.16
			1/2	39.91
124 0			6.15	46.54 39.10
π	3.73	50.27		59.10

4.50
47.02
52.12 2.22

79

30	2.33		
		6.30	
.55	8.27		
		4.06	
-	8.30		
		6.34	
.72	7.73		
		10.00	
.79	8.01		
		11.10	
.76	7.69		
		6.64	
-	7.44		

80

Stat.	B.S.	H.I.	F.S.	Elev
125		50.27	3.75	46.52 39.05
			11.45	38.87
126			11.45	38.82 39.00
			11.45	
⊙			3.30	
π	5.15			
π	5.82	52.34	46.52	52.34
126			5.08	47.26
127			5.01	47.33 38.85
			1.12	38.49
128			6.15	46.19 38.90
			1.12	38.16
129 ^o			5.30	47.04 38.85
π	2.68	49.72		
129			11.50	38.22
			1.93	
130			11.50	47.79 38.80
			10.50	
			10.50	39.22
			10	

81

Stat.	B.S.	H.I.	F.S.	Elev
←	7.47	52.12		
			5.15	46.97
	9.82			
—	3.30	50.27		
125			3.75	46.52
			11.40	38.87
			3.73	46.54 Elev. 124
			6.15	
			6.15	
			52.69	
			50.40	
			2.29	
124	6.15			
123	5.85			
	8.38			
122	5.48			
121	5.71	—		
—	7.29			
120	5.09			
			7.64	
—	8.19			
			3.11	
92	8.99			

82

Stat. B.S. H. 1. F.S. Elev 3.64

131 49.72 1.97 47.75 38.75 .07 9.00

10.90 38.82 .62

1320 2.77 46.95 38.70 - 8.25

11.25 38.87

π 5.00 51.95 -

133 5.23 46.72 38.65 - 8.07

4/2 38.48 -

134 4.70 47.25 38.65 - 8.65

1/2 38.77

135 4.45 47.50 38.55 - 8.95

1/2 38.46 -

1360 4.70 47.25 38.50 - 8.75

π 4.34 51.59 38.45 -

137 3.30 48.29 38.45 - 9.84

1/2 38.45 .29

138 3.66 47.93 38.40 .09 9.53

1/2 38.44

139 4.17 47.82 38.34 54 9.07 4.30

12.70 38.89

4.00
38.48
1.00

83

32

05

84

Stat	BS	H.I.	FS	ELAV				
								8.80
140		51.39	5.62	45.77	38.38	.59	7.47	
			1/2	38.89				9.11
141			5.00	46.39	38.25	.64	8.14	
			1/2	38.89				9.85
1420			5.16	46.23	38.20	.69	8.63	
π	3.68	49.91		38.89				10.60
143			4.62	45.29	38.13	.74	7.14	
			11.50	38.89				6.66
144			2.84	47.15	38.10	.16	9.05	
			11.65	38.26				7.56
145			3.16	46.75	38.85	.86	8.70	
			11.00	38.91				10.50
146			3.20	46.71	38.00	.56	8.71	
			11.35	38.56				9.76
147			2.84	47.05	37.95	.76	9.10	
			11.20	38.71				10.80
1480			2.30	47.61	37.90	.70	9.71	
			1/2	38.60				

85

86

Stat	Bv.	H.L.	F.S.	Elev			
T	4.16	51.77		47.61			9.96
149			4.62	47.15	37.85	.64	9.30
			1/2	38.49			8.90
150			4.55	47.22	37.82	.56	9.40
			1/2	38.38			7.71
151			4.24	47.53	37.79	.48	9.74
			1/2	38.27			6.60
152			5.16	46.61	37.75	.41	8.86
			1/2	38.16			5.34
1530			5.50	46.27	37.72	.30	8.55
			1/2	38.02			
T	4.50	50.77					8.56
154			3.15	48.62	37.69	.18	10.95
			12.90	31.87			2.15
155			3.50	48.27	37.66	.11	10.61
			13.00	37.77			
156			4.24	46.53	37.62	.22	8.90
			1/2	37.85			2.44

87

88

Stot B.S. H.L. F.S. Elec

157

50.77

37.60

.33

4.78

4.07

→

4.39 46.38

5.55

1/2 37.23

158

3.85 46.92 37.57

.44

9.35

1/2 38.11

8.00

159 0

3.62 47.12 37.81

.64

9.58

π

2.76 49.88

12.90

159

11.70 38.19

160

2.84 47.09 37.51

1.07

9.55

11.30 38.58

13.90

161

3.60 46.28 37.48

.80

8.86

11.60 38.28

9.12

162

3.50 46.38 37.45

.93

8.93

12.00 37.88

6.60

163

4.27 45.61 37.42

.96

8.19

12.00 37.88

9.25

D 164

3.37 46.54

9.15

164

11.70 38.18 37.39

.79

89

90

Stat	BS.	AI.	FS	Elev				
π	4.90	51.44		46.54				9.12
B.M.			2.26	49.18				
1650			5.64	45.80	37.36	.44	8.44	
π	2.89	48.69		37.80				5.19
166			3.53	45.16	37.33	.26	7.83	
			11.00	37.59				7.79
167			3.07	45.62	37.30	.89	8.32	
			10.50	38.19				12.50
168			3.05	45.64	37.21	.82	8.37	
			10.60	38.09				12.30
1690			2.42	46.27	37.24	.85	9.03	
			10.60	38.02				11.50
π								
170	2.58	48.85						
B.M.			3.60	45.25				
170			2.92	45.93	37.21			
			10.90	37.95				
171			3.60	45.25	37.17			
			11.10	37.75				

91

S.W. cor. SW. abt. of private
 bridge at 170
 Off bridge 9.64
 .74 8.72
 .58 8.08

92

Stat	B.S.	H.L.	F.S.	Flev				
								10.30
172		48.85	3.59	45.26	37.14	.81	8.12	
			10.90	37.95				11.50
173			9.34	44.51	37.11	.74	7.40	
			11.00	37.85				12.60
174			3.05	45.80	37.08	.97	8.72	
			10.80	38.05				13.90
175			3.52	45.33	37.05	.90	8.29	
			10.90	37.35				11.60
176			2.65	46.20				
			11.30	37.55	37.02	.53	8.72	
π	4.16	50.36						9.70
176			4.56	45.80				
177			5.31	45.05	36.99	.78	8.07	
			12.60	37.76				12.40
178			3.73	46.63	36.95	.86	9.68	
			.12	37.91				13.82
179			4.70	45.66	36.92	.94	8.74	
			.12	37.86				

93

Stat	B.S.	H.I.	F.S	Elev			
180		50.36	482	45.54	36.89	1.03	8.65
			1/2	37.92			15.80
FBI 0			5.05	45.31			
π	373	49.04					
181			3.52	45.52	36.86	1.10	8.66
			1/2	37.96			17.20
182			3.66	45.38	36.82	1.22	8.56
			11.00	38.09			12.20
183			3.62	45.92	36.73	.45	8.63
			11.70	37.24			5.99
184 0			4.18	44.86	36.76	.47	8.10
			1/2	37.23			
π	8.52	53.38					6.94
185			7.33	46.05	36.73	.48	39.32
			1/2	37.21			7.08
186			7.21	46.17	36.70	.49	9.97
			1/2	37.19			

Stat	B.S.	H.I.	F.S.	Flev				
								7.30
187		53.38	7.19	46.19	36.67	.51	9.52	
			$\frac{1}{2}$	37.18				7.45
188			7.90	45.98	36.66	.53	9.34	
			$\frac{1}{2}$	37.17				7.51
189			7.29	46.09	36.61	.54	9.48	
			$\frac{1}{2}$	37.15				8.04
190 D			7.65	45.73	36.57	.56	9.16	
A	3.70	49.43						7.67
190			12.30	37.13				
191			6.00	43.43	36.59	.49	6.89	
			12.40	37.03				6.64
192			4.51	44.92	36.51	.42	8.41	
			12.50	36.93				7.08
193			3.50	45.93	36.48	.55	8.45	
			$\frac{1}{2}$	37.03				8.98
194			3.80	45.63	36.44	.68	9.18	
			$\frac{1}{2}$	37.13				

	RS	H.I.	F.S.	Flux			
570							10.90
1950		49.43	3.60	45.83	36.12	.81	9.41
X			1/2	37.23			12.70
T	3.00	48.83					
196			1.45				
			2.58	47.38	36.38	.95	11.00
19			1/2	37.33			
197			2.58	46.25	36.35	1.08	9.90
			11.40	37.93			9.55
198			2.21	46.62	36.32	.31	10.30
			12.20	36.63			6.15
1990			3.59	45.24	36.28	.39	8.96
T	6.12	51.30		36.67			6.30
200			5.42	43.94	36.25	.46	9.69
			1/2	36.71			7.70
201			5.69	42.67	36.22	.58	9.45
			1/2	36.80			9.26
202			5.72	41.64	36.19	.65	9.45
				36.84			

Sta.	B.S.	H.I.	F.S.	Flw			
203		51.36	5.81	45.55	36.16	.62	8.39
			✓ 2	36.88			10.30
203+80 204			1490	36.96			Road off bridge
B.M.			4.60	46.76			Top bridge floor. N. end.
204			9.19	42.17	36.13	.78	6.04
			✓	36.91			11.30
205			7.46	43.90	36.11	.75	7.79
			✓	36.86			10.93
206			7.38	43.98	36.08	.73	7.90
			✓	36.81			10.50
2070			8.70	42.66	36.05	.71	6.61
π	6.76	49.42					
207			✓	36.76			10.35
208			5.45	43.97	36.02	.69	7.95
			✓	36.71			10.00
209			5.2	44.80	35.99	.67	8.41
			✓	36.66			

$$\begin{array}{r} 2.80 \\ 2.60 \\ \hline 5.40 \end{array}$$

Stat

BS

H.I.

F.S.

Elev

9.56

210

49.42

4.30

45.12

35.97

.62

9.15

✓

36.61

9.35

2110

5.16

44.26

35.94

.64

8.32

π

5.29

49.55

36.56

~~9.06~~ 4'

212

5.40

44.15

35.91

.65

8.24

✓

36.56

12.80

213

5.82

43.73

35.88

.73

7.85

✓

36.51

12.50

214

6.81

42.74

35.84

.62

6.90

✓

36.46

11.30

215

5.34

44.21

35.81

.60

8.40

✓

36.41

10.91

216

6.19

43.38

35.78

.58

7.58

✓

36.36

10.57

217

6.64

42.91

35.75

.56

7.16

✓

36.31

10.20

2180

6.79

42.76

35.72

7.04

π

4.50

47.26

Stat	B.S.	H.I.	F.S.	Elev			
219		47.26	6.19 11.00	36.26	54		19.15
219			6.45	40.81	35.69	1.42	5.12
			10.15	37.11			23.40
220			2.80	44.46	35.65	1.11	8.81
			10.50	36.76			22.50
221			7.15	40.11	35.62	1.34	4.49
			10.30	36.96			25.10
222			4.21	43.03	35.02	1.37	7.46
			10.30	36.96			24.05
223			6.88	40.38	35.56	1.23	4.82
			$\frac{1}{2}$	36.79			21.90
224			6.46	40.90	35.53	1.13	5.27
			10.60	36.66			15.70
2250			2.90	44.36			
↖	2.90	47.26					
225			6.22	41.04	35.50	.56	6.54
			11.20	36.06			

Stat	BS.	H.I.	F.S.	Elev				
226		47.26	7.70	39.56	35.47	49	4.09	9.65
			11.30	35.96				15.50
227			6.81	40.45	35.44	1.12	5.01	
			10.70	36.56				18.70
228			7.72	39.54	35.40	.86	4.14	
			✓	36.26				13.43
229			5.30	41.96	35.37	.53	6.59	
			11.30	35.96				14.07
230			6.46	40.80	35.34	.92	4.46	
			11.00	36.26				16.60
231			7.55	39.71	35.31	.87	4.40	
			✓	36.18				
⁰ 232			3.89	43.37				15.65
π	1.05	44.42						
232			3.20	41.22	35.28	.82	5.94	
			✓	36.10				14.74
233			2.49	41.93	35.25	.77	6.68	
			8.90	36.02				

Stat. B.S. H.I. F.S. Elev 16.60

234 44.42 1.74 42.68 35.21 1.01 7.47

8.20 36.22 14.00

235 4.93 39.49 35.18 .50 4.31

8.74 35.68 R.R. & Trolley line

B.M. 236 6.73 37.69 11.78

236 5.71 38.71 35.15 .77 Top of rock under trolley bridge

236 8.50 35.92 236 between 2 bridges 3.56 12.05

237 2.09 42.35

T 3.90 46.23

237 2.83 43.40 35.12 .53 4.28

35.65 8.10

238 3.50 42.73 35.08 .35 7.65

10.80 35.43 10.49

239 7.16 39.07 35.05 .78 4.02

10.40 35.83 None No 2 40 13.90

240 6.11 40.12 35.02 .71 5.10

10.50 35.73

110

Stat	B.S.	H.I.	F.S.	Flev			
242		46.23	3.59	42.64	34.89	.42	7.65
			10.80	35.93			13.20
243			7.09	39.14	34.96	1.02	4.18
			10.25	35.98			
0			2.92	43.31			13.10
π	3.20	46.51					
244			3.90	42.61	34.92	.39	7.69
			11.20	35.31			9.85
0			4.10	42.41			
	5.28	47.69					
245			8.85	38.84	34.89	.51	3.95
			1/2	35.40			11.65
246			6.17	41.52	34.85	.64	6.67
			12.20	35.49			12.15
247			9.92	37.27	34.82	.67	3.15
			12.20	35.49			
2480			5.46	41.25			
π	1.90	AA.13					

111

112

Stat B.S.

248

44.13

6.35

37.78

34.79

.25

2.99

8.54

.12

35.04

2.82

249

3.25

40.88

34.71

-

6.12

9.55

34.58

2.98

250

.60

43.53

34.72

.31

8.81

9.10

35.63

6.96

251 0

1.51

42.62

34.69

.44

7.93

9.00

35.13

4.08

π

182

44.44

252

5.77

38.67

34.66

-

4.01

9.80

34.69

4.72

253

4.98

39.46

34.63

.51

4.83

9.30

35.14

7.07

254

3.95

40.49

34.59

.30

5.90

9.55

34.89

0

2.52

41.82

6.90

π

4.42

46.24

255

9.30

34.94

.38

8.54
2.98
1.50

113

114

Stat. B.S. H. I. F.S. Elev

π 4.72 46.24

255 4.70 41.54 34.56 No 6.98

4.70 39.82 5.65

2.56 5.65 40.59 34.53 21 6.06

11.50 34.74 6.12

2.570 5.45 40.79 34.49 45 6.30

11.30 34.94 8.45

π 5.33 46.12

258 6.64 39.58 34.46 96 5.12

11.20 34.92 8.91

260 8.18 37.94 34.43 99 3.51

No 259

11.20 34.92 9.19

261 8.26 37.86 No 262 3.46

1.0 34.90 34.40 6.50

2610 8.46 37.66

263 11.90 34.22 34.20 20 3.46

262 8.45 46.11 3 34.90 1.95

264 7.29 38.82 34.00 - 4.82

262

115

138
261
123

38.40

34.40

123) 5.69

318

246

840

615

34.40

325

325

325

325

325

325

325

4975

325

5306

325

5631

116

Stat	S.S.	H.S.	F.S.	Elev			
265							
268		46.11	7.74	38.37	33.84	-	4.53
			12.30	33.81			1.20
266			5.67	40.44	33.68	.13	6.76
			12.30	33.81			3.34
2670			1.20	44.91	33.52	.23	10.39
B.M.				33.75			On top of grade at road.
			2.34	43.77			Top of stone in ret. wall. N side. West
π	360	48.51				bridge	4.52
268			8.73	39.78	33.36	.29	6.42
				33.65			6.50
2690			8.95	39.56	33.20	.41	6.36
π	535	44.91					6.30
269			11.30	33.61			
270			5.16	39.75	33.04	.27	6.71
			11.60	33.31			2.75
271			5.60	39.31	32.84	.03	6.43
			12.00	32.91			1.67
272			5.28	38.63	32.72	.15	5.91
				32.87			

117

118

Stat.	B.S.	H.I.	F.S.	Flev			
273		4491	5.49	38.42	32.56	.25	5.86
			12.10	32.81			8.71
274			5.31	39.61	<u>32.40</u>	.11	3.15
			12.40	32.51			7.21
275 ⊕			5.41	39.52	32.39	.72	7.70
			11.80	33.11			7.11
π	4.80	44.30					18.54
276			5.40	38.90	32.37	1.28	6.53
			10.65	33.65			14.20
277			6.42	37.88	32.26	.25	5.53
			11.70	32.60			8.90
278 ⊕			5.50	38.80	32.34	.77	6.46
			11.25	33.05			14.20
⊕ π	4.65	43.45					
279			2.41	41.04	32.83	.82	8.61
			10.20	33.15			13.41
280			2.87	40.58	32.82	.63	8.26
			10.50	32.25			

33.11

119

32.00
16

Bapt. July 12

120

Stat BS HI FS Elev

281 43.75 3.84 39.61 3231

1.2 32.80

282 5.95 37.50 3230

10.80 32.65

0 3.92 39.63

4.61 44.24

283 6.90 37.34 3229

11.80 32.44

284 ^{B.M.}~~284~~ 5.08 41.16

284 4.42 39.82 3228

12.00 32.24

285 5.98 38.26 3227

11.05 33.19

2860 5.45 38.79 3226

K 4.00 42.79

286 9.30 33.49

287 9.80 37.99 3225

9.90 33.87

43.84

28.52

15.32

10.48

.49 7.30

7.80

.35 5.20

41.54

.15 5.05

1.39

Top abutment wing SW at bridge

- 7.54

8.54

.92 5.99

20.10

1.23 6.53

26.40

21.82 5.74

121

122	Stat.	B.S.	H.I.	I.S.	Elev			
	289		42.79	4.10	38.69	32.24	.40	6.45
				10.15	32.64			7.60
	289			4.00	38.79	32.23	.44	6.56
				1/2	32.67			9.46
	2900			4.84	37.95	32.22	.58	5.75
	#			7 1/2	32.70			
	π	7.50	45.53					10.10
	0			7.12	38.41			
	π	4.81	43.22					
	291			8.78	34.44	32.24	.51	2.25
				10.50	32.72			9.36
	292			6.67	36.65	32.20	.52	4.45
				10.50	32.72			7.30
	293			3.12	40.10	32.10	.27	9.00
				10.85	32.37			10.86
	294			6.89	36.33	31.97	.185	4.36
				10.40	32.82			

32.40
32.20
.20

123

124

Stat	P.S.	H.I.	F.S.	F.I.V			
							16.65
295		43.22	6.85	36.37	31.87	1.95	4.50
			10.40	32.82			19.35
296			8.37	34.95	31.76	2.14	3.17
			10.35	32.92			15.10
2970			4.79	38.43	31.69	1.83	6.74
π	4.49	42.92					
297			10.40	32.52			14.46
298			7.22	35.70	31.59	1.73	4.11
			1.12	32.32			12.50
299			8.85	34.07	30.50	1.62	2.57
			10.80	32.12			17.90
300			7.18	35.74	31.41	2.31	4.33
			10.20	32.72			
^B 301			7.26	35.66			26.60
π	4.31	39.97					
301			5.22	34.75	31.32	1.45	3.33
			7.50	32.47			

125

126

Stat	B.S.	H.I.	F.S	Flev			
							20.15
302		39.97	5.24	34.73	31.23	1.74	3.50
			8.00	31.97			19.63
303			3.93	36.04	31.14	1.38	4.90
			7.45	32.52			26.50
304			4.21	35.71	30.05	1.47	4.72
			7.45	32.52			23.10
305			3.89	36.09	30.95	1.02	5.14
			7.90	32.07			
3060			4.48	35.49			16.30
π	6.00	41.49					
306			8.25	33.24	30.86	1.63	2.38
			10.00	31.49			16.30
307			5.67	35.82	30.77	1.03	5.05
			9.60	31.89		1.12	25.30
308			4.43	32.06	30.60	2.13	6.38
			9.20	32.29		1.61	29.90
309			6.75	34.74	30.58	2.06	4.16
			9.30	32.19		1.61	

127

Stal.	B.S.	H.I.	F.S.	Flat			
							26.50
310		41.49	7.45	34.04	36.49	1.25	3.55
			9.75	31.74			36.37
311			8.28	33.21	30.40	1.59	2.81
			9.50	31.99			27.20
312	⊙		7.71	33.78	30.31	1.35	3.37
π	7.28	41.06					
312			9.40	31.66			22.60
313			5.80	35.18	30.22	1.09	4.96
			9.75	31.31			10.40
314			4.15	36.91	30.13	3.03	5.78
			10.90	30.16			4.07
315			5.07	35.99	30.06	4.1	5.94
			10.60	30.46			13.05
316			7.13	33.93	29.96	11.00	3.97
			10.10	30.96			17.50
317			6.15	34.91	29.87	4.89	5.84
			10.30	30.76			

130

Stati	B.S.	H.I.	F.S.	Elev			
							13.70
3180		41.00	6.30	3476	29.77	.59	4.99
A	5.40	40.10					
318			9.80	3036			16.52
319			4.12	36.09	29.68	.58	6.36
			9.90	3026			12.50
320			4.43	35.73	29.59	.77	5.14
			9.80	3036			10.90
321			6.26	33.90	29.50	.51	4.40
			10.15	30.01			6.12
322			4.99	35.17	29.40	.79	5.77
			10.10	30.06			4.30
323			5.11	35.05	29.32	.14	5.73
			10.70	29.96			7.60
324			6.56	33.60	29.23	.33	4.37
325			10.60	29.56			8.63
325			6.70	33.96	29.14	.52	4.32
			10.50	29.66			

131

Gatson Arm to

Barnett Drain

Shot	B.S.	F.I.	F.S.	Elc			
326		40.16	6.50	39.60	29.06	40	5.54 7.40
			10.70	29.46			3.74
327			7.32	32.84	28.97	—	3.87
			11.40	28.76			9.58
3280			5.75	34.41	28.89	92	5.53
			10.35	29.81			
3290							8.53
π	5.11	39.52					
329			8.30	31.22	28.80	—	2.42
			11.00	28.52			
Gatson Arm to Barnett Drain							
0			10.00	4.80		1.09	5.20
π	5.39	15.39					4.04
0			9.50	2.50			
1			2.81	12.58	4.89	1.10	7.69
			9.40	5.99			8.10
2			4.04	11.35	4.78	.61	6.37
			9.80	5.59			

32.20
28.80
3.40 ✓
3.30
1.70

329
274
55
27
301

32.40
28.20
4.20
55) 3.30
3.00

37
77
198
214
252
291

170
4000

6.60
4.80
19) 1.40 03
1.33
60

180 95
171
90

Stat.	B.S.	H.I.	F.S.	Elev			
							6.34
3		15.39	3.44	11.85	5.08	34	6.77
			1/2	5.42			8.02
4			2.60	12.79	5.17	.09	7.62
			"	5.26			
0			3.14	12.25			1.80
π	4.85	16.20					
5			4.45	11.75	5.26	-	6.49
			11.10	5.10			1.44
B.M. 0			5.11	11.09		Top brick	E. abutment outside
X			10.55	5.75		Bottom.	E. end bridge
6	4.67		4.67	11.53	5.36	39	6.17
X	4.87		"				
π	4.87	15.96	15.96				1.44
7			5.62	10.34	5.45	-	4.89
			10.65	5.31			-
8			5.27	10.69	5.54	-	5.15
			"	5.52			

Stat.	B.S.	H.I.	F.S.	Flev
9	③	15.96	5.64	10.32 5.64
			10.20	5.76
π	6.29	12.05	16.61	
10		7.50	9.11	5.73
			6.84	
11		6.52	10.09	5.82
		✓	6.32	
12		6.33	10.28	5.92
		10.00	6.61	
13		6.60	10.01	6.01
		✓	6.51	
14		5.05	11.55	6.10
		✓	10.20	6.41
15	0	5.20	11.33	6.20
π	7.00	18.41		
16		7.18	11.23	6.29
		11.90	6.51	

				4.45
			.12	4.68
				1.59
			.31	3.38
				3.00
			.50	4.27
				4.40
			.69	4.36
				4.40
			.50	4.00
				3.00
			.31	5.15
				2.05
			.25	5.13
				1.74
			.22	4.94

138

Stat	BS.	H.H.	F.S.	Flev			
							3.60
17		18.41	7.25	11.16	6.38	.73	4.78
			11.30	7.11			11.60 6.10 ⁹
18			7.35	11.06	6.48	.93	4.58
			11.00	7.41			30 3.44
19			7.61	10.80	(6.60)	-	4.20 31) 51. L 164
			11.90	6.51			31 28.41
20			7.61	10.80	6.76	.65	4.04 186 140
			11.00	7.41			3.82
210			7.05	11.36	6.92	.39	4.44
π	4.95	16.31					
21			9.00	7.31			1.93
22			5.65	10.66	7.08	.13	3.58
			9.10	7.21			1.52
23			5.40	10.91	7.24	.02	3.64
			✓	7.26	7.10		1.07
24			4.80	11.51	7.42	-	4.09
			9.00	7.31			

139

140

Stat	B.S.	H. I.	F.S.	Elev			
25		16.31	4.25	12.06	7.58	—	4.48
			✓	7.47			—
260			4.27	12.04	7.74	—	4.30
π	7.40	19.44					
27			11.80	7.64			2.00
27			6.34	13.10	7.90	.54	5.20
			11.00	8.44			3.41
28			6.00	13.44	8.06	.38	5.38
			11.00	8.44			3.11
29			4.86	14.58	8.24 ¹⁰	.46	6.34
			—	8.70			3.56
300			2.99	16.45			
π	7.15	23.60					
30			6.10	17.50	8.40	.50	9.10 5.45
			✓	8.90			
31 0			11.32	12.28			
π	8? 93 7.60	19.88					

141

Stat	B.S.	H.I.	F.S.	Elev			
31		1283	9.40	1048	8.56	.97	1.92
			10.35	9.53			7.50
32			5.21	19.67	8.72	1.06	5.95
			10.10	9.78			6.51
33			4.30	15.08	8.88	.70	6.20
			10.30	9.58			6.74
34			5.44 10.30	14.44	9.06	1.12	5.38
			9.70	10.18			8.10
35			5.30	19.58	9.32	.96	5.26
			9.60	10.28			7.70
36			5.11	14.78	9.48	1.10	5.30
			9.30	10.58			8.13
37			4.60	15.28	9.64	1.09	5.64
			9.15	10.73			8.40
38			6.86	13.02	9.80	1.18	3.22
			8.90	10.98			8.40
39			7.00	12.88	9.98	1.10	2.90
			8.80	11.08			

144

Stat	B.S.	H.I.	F.S.	Elev
39 40		19.88	5.95	18.93 10.14
X			8.50	11.38
X	6.50	20.43		
40			4.73	15.70 10.30
			9.20	11.23
41			7.61	12.82 10.46
			9.10	11.33
42			4.67	15.76 10.62
			9.00	11.43
43			5.00	15.43 10.80
			8.80	11.63
44			5.54	14.89 10.96
			8.90	11.53
45			5.32	15.11 11.12
			9.20	11.23
46			5.00	15.43 11.28
			8.20	12.13

1.24	3.79	8.66
Two	No	39
		9.03
.93	5.40	
		6.00
.87	2.36	
		5.60
.81	5.14	
		6.46
.83	4.63	
		4.66
.57	3.93	
		2.20
.11	3.99	
		8.20
.85	4.15	

145

146

Arm to

Stat. B.S. H.L. F.S. Elev

47 2093 4.95 15.48 11.40

8.36 12.13

48 5.05 19.38 11.56

L 12.28

49 4.77 16.26 11.60

8.10 12.43

99+18 8.90 11.63

Arm to Worrell Ditch

10+36 50.00

9.70 5.970

10 5.91 53.79 49.80

9.40 50.30

~~7~~ 9 5.82 53.98 49.40

9.50 50.20

8 6.02 53.69 49.00

9.80 49.90

7 6.63 53.07 48.60

10.30 49.40

Worrell Drain 147

5.26

.73 4.08

5.04

.78 2.88

5.36

.83 4.66

Bottom of ditch

.50 3.99

4.80

.80 4.58

6.30

.90 4.68

6.30

.80 4.47

4.81

148

Stat.	B.S.	H.I.	F.S.	Elev
to		59.70	6.27	53.43 48.20
			11.00	48.70
50			7.55	52.15 47.80
			10.95	48.75
π	3.69	55.84		
4			3.38	52.46 47.40
			7.70	48.14
3			3.31	52.53 47.00
			7.70	48.14
2			3.46	52.38 46.60
			8.70	47.14
1			4.18	51.66 46.20
			9.10	47.74
8		Main ditch		
0			8.61	47.23 45.80
			9.30	46.54

0.26 51
 949
 587

.50 5.23

~~None None~~

530

.95 4.35

625

.74 5.06

400

6.80

1.14 5.53

6.22

.54 5.78

7.70

1.54 5.96

8.75

.74 1.43

11.36
 550
 3187

70

149

Main ditch

Stat	B.S.	H.I.	F.S.	Elev			
							4.10
20		55.84	4.90	50.94	45.85	.44	5.09
			9.55	46.29		Two	No 20 3.11
20			4.90	50.94	46.14	.40	4.80
			9.30	46.54			1.48
21			4.64	51.20	46.43	-	4.77
			9.70	46.14			-
22			3.52	52.32	46.62	-	5.70
			9.30	46.54			1.22
23			4.00	51.84	46.91	.33	4.93
			8.60	47.24			2.46
24			3.67	52.17	47.20	.34	4.97
			✓	47.54			2.96
250			2.96	52.88	47.49	.48	5.39
π	6.74	59.62					
25			11.65	47.97	47.78		1.78
26			6.29	53.33		-	5.55
			11.90	47.72			

Stat	D.S.	H.I.	F.S.	Elev			
27		59.62	6.18	53.44	48.07	-	5.37
			11.55	48.07			3.74
28			7.40	52.22	48.36	1.01	3.86
			10.25	49.37		Path thro	7.95
29			5.40	54.22	48.65	1.27	5.57
			9.70	49.92			5.75
300			5.34	54.28	48.94	.38	5.34
			10.30	49.32			
π	5.00	59.28					2.34
31			4.98	54.30	49.23	.25	5.07
			9.80	49.48			8.70
32			2.80 3.86	55.42	49.53	.75	5.89
			2.00	50.28			3.74
33			4.51	54.77	49.82	.26	4.95
			9.20	50.08			
340			3.91	55.57			2.70
34			8.70	50.58	50.01	.51	
π	5.20	60.57					

154

Stn	B.S.	H.I.	F.S.	Elev.			
							4.22
34		6057	5.34	55.23			5.22
35			4.00	56.57	50.30	.57	6.27
			9.76	50.87			4.26
36			3.91	56.66	50.59	.58	6.07
			9.40	51.17			4.75
37			5.12	55.45	50.86	.69	4.57
			9.00	51.57			8.67
38			3.27	57.30	51.17	.30	6.13
			9.10	51.47			3.07
39			4.90	55.67	51.46	.51	4.21
			8.66	51.97			3.08
40			5.44	55.13	51.75	.32	3.38
			8.50	52.07			1.44
41			5.12	55.45	52.00	.07	3.45
			8.50	52.07			.89
42			4.76	55.81	52.20	17	3.61
			8.20	52.37			
42+28			7.90	52.67			

155

156

Sta B.S. H.I. F.S. Elev

π 5.29 56.23 50.94

19 5.45 50.78 45.56

10.00 46.23

18
20

5.14 51.09 45.27

10.45 45.83

17

5.20 51.03 44.98

10.60 45.63

16

4.80 51.43 44.69

11.45 44.78

15

4.34 51.89 44.40

11.70 44.53

140

6.85 49.38

π 5.58 54.96

14

6.20 48.76 44.18

10.40 44.56

13

4.77 50.19 43.96

10.40 44.56

157

Elev of Stat. South

.67 5.22

4.55

.56 5.82

4.45

.65 6.05

2.74

.09 6.74

.81

.13 7.49

1.89

.38 9.58

3.63

.60 6.23

4.52

52.20
44.4024) 7.80³²⁵
72
60
20
12027) 7.80²⁹
54
240
243

Stat	B.S.	H. I	F.S.	Elev			
✓2		54.96	5.48	49.48	43.74	.62	5.74
			10.30	44.36			6.36
11			5.61	49.35	43.52	1.14	5.83
			10.30	44.66			8.50
10			5.51	49.45	43.30	1.16	6.15
			10.50	44.96			7.30
9	B.M		4.30	50.66	43.10	.81	7.56
			11.05	43.91			8.30
8.			6.45	48.51	42.88	.08	5.63
			12.00	42.96			.81
7 0			7.00	47.96	42.66	.14	5.30
π	5.00 π	52.96					1.33
7				42.80			
6			9.40	48.56	42.44	.22	6.12
			10.30	42.66			1.70
5			5.50	47.46	42.22	.24	5.29
			10.50	42.96			1.48

160

B.S. H.I. F.S Elev

4 52.96 4.40 48.56 42.00 .16 6.56

10.80 42.16

2.96

0 5 5.62 47.34

II 4.80 52.14

3 3.60 48.54 41.90 .64 6.64

9.60 42.54

4.75

2 5.67 46.47 41.80 .64 4.67

9.70 42.44

3.64

1 B.M

3.09 49.05 41.70

34 - stat. 1 in middle of road
Top s parapet

10.10 42.04

0

7.51 49.63 41.60

.44

3.03

2.89

10.10 42.04

44.10
42.10
22.00
22