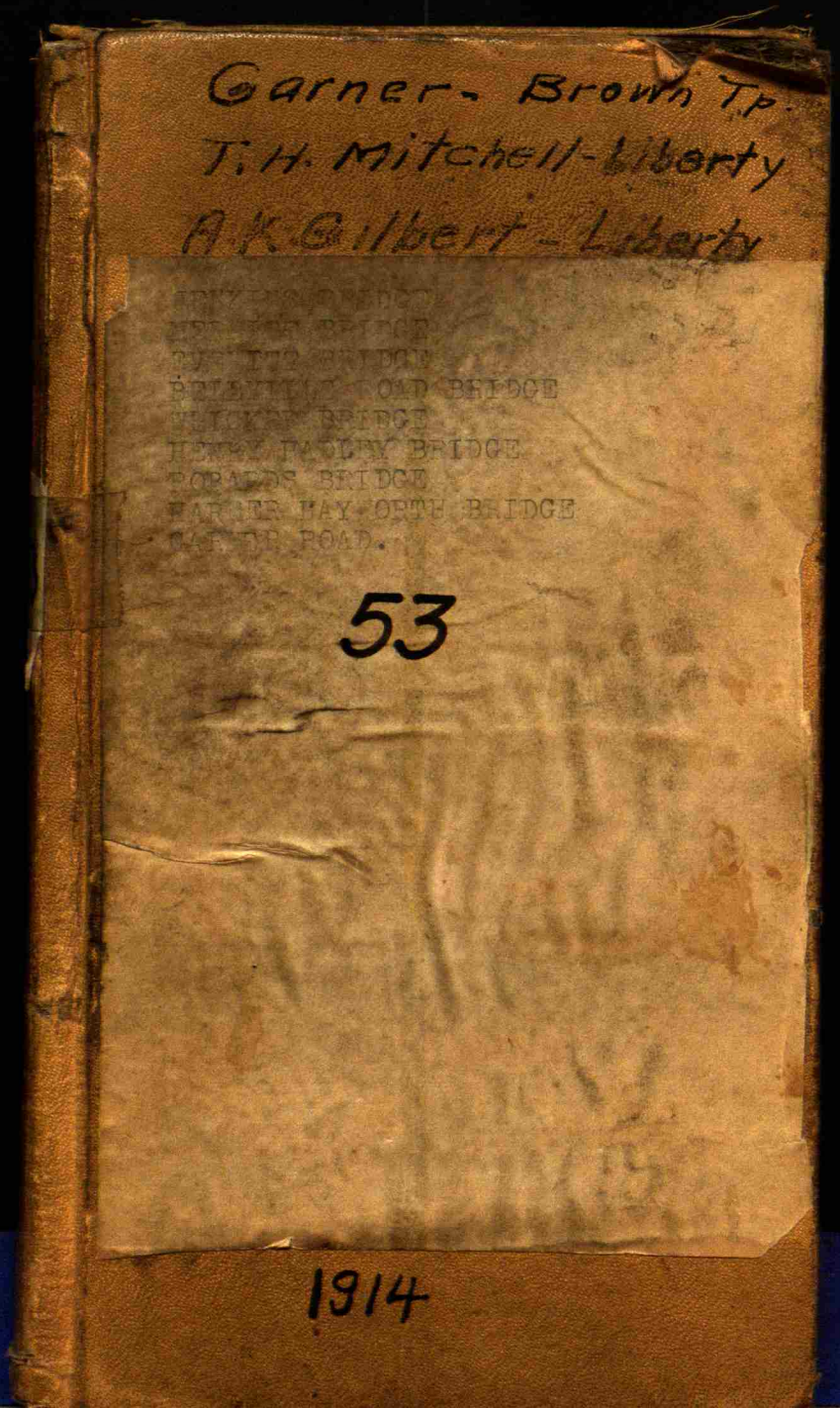


Garner - Brown Tp.
T. H. Mitchell - Liberty
A. K. Gilbert - Liberty

[illegible] BRIDGE
[illegible] BRIDGE
[illegible] BRIDGE
[illegible] ROAD BRIDGE
[illegible] BRIDGE
HENRY PADLEY BRIDGE
ROBARDS BRIDGE
[illegible] BAY ORTH BRIDGE
[illegible] ROAD.

53

1914

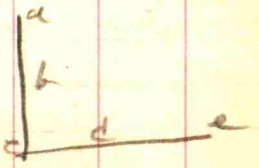
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	9.29	29.29		20.00			
9 0			8.24	1.05			
10 1			7.58	1.71	8.20	1.09	
11 2			5.00	4.29	6.70	2.59	
12 3			4.01	5.28	4.64	4.65	
13 4			5.78	3.51			
			5.60	3.69			
14 5			6.60	2.69	5.20	4.09	
15 6			6.83	2.46	5.37	3.92	
			5.10	4.19			
16 7			6.66	2.63			
17 8			5.28	4.01	4.70	4.59	
18 9			3.82	5.47	4.22	5.07	
19 10			3.20	6.09	3.10	6.19	
20 11			3.40	5.89	2.60	6.69	
21 12			4.09	5.20	2.30	6.99	

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
North end Judds walk							
S side street							
N "							
50' east							
Street east intersection							
T							
Road							

Tenn St

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Crossing west of S side							
a	2.10						
c	2.95						
b	2.10						
d			3.20				
e			2.56				
1		11.06		S	Cen	A	
				4.00	4.24	5.31	
2				5.45	5.29	6.61	
3				7.50	5.82	7.26	
3							
4				7.82	5.96	6.23	
4							
5				5.75	5.25	4.40	
Crossing west side							
" north side							
	4.51						
6		11.17		4.90	4.70	3.17	
7					4.88	3.62	
8					6.60	4.88	
	.80						
9		7.09	~~1.90~~		3.20	1.90	

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
42.5							
West end							
East end							
Cen road							
Cen crossing across end							

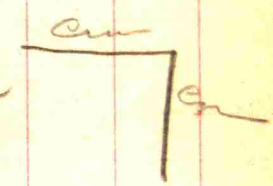


on north side 3 joints 8" pipe

on south side 3 " 5" pipe

Pen St
Tenn St

Cen Pen St



grade

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
10		709	3.66	2.78			
11			3.96	4.39			
~~12~~			W	Cen			
12			4.14	4.30			
13			3.18	5.39			
14			4.22	6.22			
15			6.11	7.80	.98		
15+12							
15+37							
	4.60						
16		5.58	5.58	—			
17			4.49	5.11			
17+24							
18			3.32	4.09			
18+3							
			3.40				
18+30			2.67	2.93			

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

Crossing
Rail

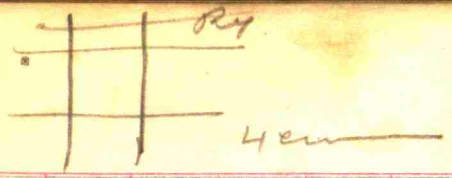
top ties Ry

Crossing fire Ry to state 43
Cen warehouse down

Cen Store room down
floor made "
end of walk

Cumberland St

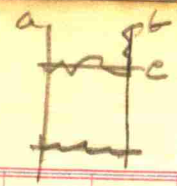
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	Crossings		South end				
	Ry		21'	from north			
	6.03						
			6.34				
			5.02				
			E	Cen	W		
0			5.02	—	4.88		
1			3.92	4.45	422	393 —	
			4.65				
			5.00				
			5.21				
2			5.16	5.03	4.61		
					4.55		
3			5.30	5.18	5.20		
4			5.60				
			5.57		5.11		
			5.67				
Crossing north on E							



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
49' log on east side only							
walk to north rail							
South end crossing							
Ry rail							
north end "							
Step W side							
alley S side						foy	
" N side							
alley back 20'							
" " 20'							
walk S side							
" N side							
Side 37'							

6.65

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
			E	Cen	W		
a	6.72						
b			5.78				
c			4.80	5.45	5.38		
3			4.19	4.50	4.65		
2			4.26	4.88	5.10	4.61	
			5.15	[illegible]	5.30		
1			5.10	5.10	4.93		
0		walk→	6.65	5.90	5.40		



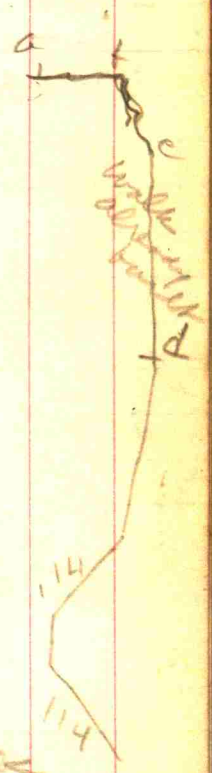
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
north curb				37'			

Sawyers walk
alley 20' east

North Iowa St

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
From north end of walk							
Station 1½' west west							
From Ann side bridge							
thence north at							
a and b same							
a			2.53				
b			2.95				
c	360	23.60					
d			4.95				
10+36		8	E	Cen walk west			
10		7	5.66	4.64	4.49		
9		6	6.20	5.36	5.47		
~~8~~ 114		5	6.61	5.75	6.20		
~~100~~		4	6.80				
50		3	795	6.14	6.83		
			520		5.20		
		2	584				
		1	560	5.40	5.80		
		0	320	425			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
to bridge 114'							
edge							
to 2°37' W 114'							
interval of 50'							
level to c 49'							



bridge
14' South bridge
64' "
South end walk

Crossing N Iowa ... St

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	37 10		on South				
E walk			4.21	5.79			
Cen			4.33	5.65			
W walk			3.73	6 25			
	10						

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

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
			9.60		1020		
			8.60				
			7.80				
	.80	10	4.00			.20	
	1.80	10	8.00			.22	
			10.20				
			7.80				
			2.40				
20+63	780			2.40			
21		1020	3.70	6.50			
22			4.00	6.20			
23			4.25	5.95			
24			4.75	5.45			
25			4.75	5.45			
26			4.45	5.75			
27			5.10	5.10			
28			6.30	2.90			
			10.20	0			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
end tile			10"	6"	6"		
bottom		Hagan		ditch			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	5.70			4.35			
			6.53	3.52			
0		10.05	5.50	4.55		6.80	3.25
1			4.80	5.25			
2			4.26	5.79			
3			4.52	5.53			
4			4.87	5.18		7.46	2.59
5			5.00	5.05		7.58	2.47
6			4.90	5.15		7.65	2.40
7			4.95	5.10		7.74	2.31
8			4.45	5.60			
	4.50	10.10				8.10	2.00
9			3.55	6.55		7.95	2.15
10			2.82	7.28		8.00	2.10
11			3.50	6.60		8.32	1.78
12			4.25	5.85		8.25	1.85
13			5.24	4.86		8.58	1.52
14			4.09	6.01		8.55	1.55
15			4.44	5.66		8.60	1.50
15.	4.32	9.98					
16			5.30	4.68			
17			5.22	4.76			
18			3.85	6.13		8.85	1.13

352

435
75
360

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Head of ditch			10"	7"	4"		
top 7" tile							
top 10" tile							

from 15" deep

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
18	3.45	9.58					
19			2.40	7.18		8.46	1.12
20			3.20	6.38		9.27	.31
21			4.45	5.13		8.97	.61
22			7.05	2.53		8.69	.89
23			4.85	4.73		9.17	.41
24			4.30	5.28			
24	4.70	9.98				9.80	.18
25			4.28	5.70		9.58	.40
26			4.65	5.33		10.05	-07
27			4.25	5.73		9.98	.00
27	5.32	11.05					
28			5.28	5.77		10.88	.17
29			7.[illegible]	4.05		[illegible]	.16
30			5.98	5.07		11.02	.03
31	4.51	9.51	6.05	5.00		11.05	00
31+86			4.27	5.24			
			3.95	5.56		8.92	.59

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

Bell [illegible]
Stun

Jenkins Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	.80	14.42	5.00	13.62			
			6.90	9.42			
			6.90	7.52			
			5.22	9.20			
			4.00	10.42			
			3.50	10.92			
			2.35	12.07			
			.50	13.92			
	10.97	24.89					
			5.47	19.42			
			.40	24.49			
BM	.73	14.35		13.62			
			14.35	00			
			8.65	5.70			
			4.70	9.65			
			5.50	8.85			
			3.40	10.95			
		—	1.50	15.85			

Work T+

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
top concrete post SW Cor							
~~East tank~~							
100' east of east tank							
200' "							
300' "							
400' "							
500							
600 "							
600 "							
700 "							
800 "			X roads N + S				
Same post							
west tank							
100' west of west tank							
200' "							
300' "							
400 "			"		"		

Merrit Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	1.00	13.50		12.50			
			11.30	2.20			
			6.72	6.78			
			2.02	11.48			
	13.25	24.73					
			7.77	16.96			
			0.0	24.73			
	11.86	36.59					
			0.0	36.59			
	12.80	49.39					
			.80	48.59			
	11.25	59.84					
			.60	59.24			
	7.90	67.14					
			4.00	63.14			
			5.00	62.14			
			5.50	61.64			
			6.00	61.14			
BM	-3.00	9.50					
			5.53	3.97			
	8.44	12.41					
			5.00	7.41			
			1.90	10.51			

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

by Strace post SE Cor

east bank

100' east of east bank

200' " " " "

200' " "

300 " " "

400 " "

400 " "

500 " "

500

600

600

700

700

800

900

1000

1100

West bank

"

100' west

200' " rise — level of bridge

HI — 2.20

Creek bottom 10.30

3.10 per 100' west 1000'

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	2.45			10.50			
	3.46			2.45			
	10.50			2)8.05			
				4.03			

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

Everett Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	2.82	12.00		9.18			
			12.00	00			
			5.80	6.20			
			2.40	9.60			
⊙			.35	11.65			
⊙	11.27	22.92					
			2.32	20.60			
			2.85	20.07			
			3.30	19.62			
			1.50	21.42			
BM	-.25	8.93		9.18			
			3.95	4.98			
			3.45	5.48			
			2.75	6.18			
			1.35	7.58			
	4.30	11.88					
			4.86	7.02			
			3.60	8.28			
			.00	11.88			
	11.25	23.13					
			.85	22.28			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Crotet	High water mark Sycamore tree						
Stream bottom							
bank							
100' east							
200' east							
300' "							
400' "							
500' "							
Same							
west bank							
100' west							
200' "							
300' "							
300' "							
400' "							
500' "							
600'							
600' "	go 20' west level 500'						
700'							

T.H. Mitchell

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

Beginning SW cor 32
Brace rock N 45 W .32
" N 20 W 37
Stone Sta 7+68

Stone Sta 23 + 2
16" maple N 50 E 60
16" " N 10 E 34
S ½ mi stone 32 26 + 53
rock N 10 E 101

NW cor Sec 4
rim from
Stone S 50 W .51
" S 35 E .54
55 + 82

S ½ mi 33 Sta 80 + 36
double Ash 10 x 12 S 60 E .54 = 35.64'
Concrete post N 45 E .31 = 20.46'

Liberty

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

106 + 86

7+85 Lines east

Belleville Road bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	00	1250		1250			
			12.50	00			
			9.56	2.94			
			2.10	10.40			
	122	522.65					
			7.50	15.15			
			2.87	19.78			
	12.75	32.53					
			5.20	27.33			
			.10	32.43			
	12.90	45.33					
			9.17	36.16			
			2.03	43.30			
			00	45.33			
	8.45	8.45					
			6.12	2.33			
			4.30	4.15			
	9.00	13.15					
			7.65	5.50			
			5.00	8.15			
			4.45	8.70			
			.00	13.15			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
top end fast S E Cor.							
Stream bottom							
bank at S abut							
100' South							
"							
200 "							
300 "							
"							
400							
0							
500							
600							
50' further							
Stream bottom							
bank H abut							
100 North							
100 "							
200 "							
300 "							
400							
700'							

½ way highwater mark

north end approach

line sight

Whiches Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	00			9.61			
		961	9.61	00			
			8.80	.81			
			5.27	4.34			
			2.05	7.56			
			1.95	7.66			
			3.60	6.01			
			9.10	.51			
			6.50	3.11			
			5.45	4.16			
			4.30	5.31			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
top concrete post NE Cor							
bamlet							
bottom							
S about							
100' south							
200' "							
300'							
400'							
N about							
100 north							
200 "							
300 "							

Galvanizing level

15' span 1000 # level land

Henry Hadley

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	.12	12.20					
			12.20	00			
			5.40	6.80			
			5.60	6.60			

Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Hedge post				H E	Cor		
bottom							
E bank							
W bank							

60 sf

Robards Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	.40	14.78	14.38				
			14.78	8.00			
			5.80	8.98			
			3.30	11.48			
			— .20	14.98			
			5.30	9.48			
			— .50	15.28			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
top Cor fort S W Cor							
bottom							
S abut							
100' south							
200 "							
North abut							
100' north							

Harpers Ferry Roadway

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	3.12						
		7.86	7.86				
			6.18	1.68			
			6.40	1.46			
			2.25	5.61			
			1.20	6.66			
			1.75	6.11			
			2.00	5.86			
			−.50	8.36			
	11.72	19.58					
			4.10	15.48			
	11.35	26.83					
			2.07	24.76			
	9.18	33.94					
			4.32	29.64			

Bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Rock under west end of foot bridge							
bottom							9'
Walnut							
Eabut							
100' east							
200 "							
foot bridge							
400' west							
200' "							
"							
300 "							
"							
400 "							
500 "							

on west

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	1.86	21.91		20.05			
23			8.40	13.51			
22			7.00	14.91			
21			4.46	17.45			
20			.15	21.76			
19	1.60	32.81					
			3.98	28.83			
18			.43	32.38			
17	10.80	43.18					
			7.60	35.58			
17			1.58	41.60			
17	11.47	53.07					
Pond			4.50	48.57			
16	7.32	55.89					
			7.77	48.12			
15			1.10	54.79			
15	6.96	65.75					
14			4.35	61.40			
	10.60	72.00					
13			5.19	66.81			
12			4.45	67.55			
# 13			2.25	69.75			
# 12	—		.90	72.90			
# 12	7.50	3.10					

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

SW cor Homedale yard

NW cor

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
~~10~~	11	75.90	2.20	73.70			
10			6.20	69.70			
9			4.90	71.00			
8			.53	75.37			
8+	4.11	79.48					
7			2.98	76.50			
6			6.75	72.73			
5			8.52	70.96			
4			10.75	68.73			
3			13.00	66.48			
2			11.90	67.58			
1			11.25	68.23			
0			11.05	68.43			

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

6 75
75

Cor Road!

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
0		1740	2.40				
1			1.10				
2			1.40				
3			3.40				
4			3.30				
5			8.20				
6			10.10				
7			10.90				
8			10.70				
9			10.25				
bottom		9 +	8.40				
Gateway			5.15				
	640						
				[illegible]	[illegible]		
		21.40		6.60	13.20		
1			5.80	5.90	12.10		
2			5.50	5.60	10.00		
3			5.20	6.10	8.90		
4			4.70	5.00	7.40		
5			3.90	4.15	6.40		
6	field						5.15
6			2.30	2.60	6.10		
7			1.00				
7	5.15	25.55		5.50	9.40		

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
West		13.[illegible]0	15.00				
		10.30	14.25	2.15			
		16.00	13.50	2.50			
		14.00	12.75	1.25			
		12.10	12.00				
		9.20					
		7.30					
		6.30					
		6.70					
		7.15					
		0-0					
		12.25					
				14.80			
East		15.60					
		15.90					
		16.20					
		16.70					
		17.50					
16.25							
		19.10					
		20.40					

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
		25.55	Road Station detail				
Bottom big pipe			8.80				16.75
" little pipe			6.30	top header			
			8.40	bottom pipe			
8			4.60	5.50	7.70		
9			3.80	4.70	6.80		
9+84			3.70	3.90	4.70		
ditch S side							670

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
		20.95					
		21.75					
		21.85					
18.05							

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
		14.65	4.30	10.35			
			1.60	13.05			
			2.20	12.45			
2+65			6.80	7.85			
			3.90	10.75			
			5.05	9.60			
2			6.30	8.35			
			8.40	6.25			
1			8.55	6.10			
			10.10	4.65			
			10.30	4.35			
	3.60	9.70					
0			3.55	6.15			
			7.70	2.00			
			5.25	4.45			
			9.70	00			
			7.80	11.90			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Bottom [illegible]							
top header							
X roads							
ditch bottom							
Stake							
Outlet catch basin							
Stake							
ditch bottom							
Stake							
d. b.							
Pond to south							
Top of header							
Bottom east pipe							
Overflow top of [illegible]							
Foster's pond							
Faught's pond							

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	10.40	110.40					
0			8.80	101.60			
1			5.55	104.85			
1+15 N			7.87	102.53			
S			7.45	102.95			
2			4.52	105.88			
3			2.80	107.60			
4			1.80	108.60			
5			.50	109.90			
5	5.50	115.40					
6			4.60	110.80			
7			3.75	111.65			
8			5.05	110.35			
9			6.60	108.80			
10			7.70	107.70			
10+50 N			11.50	103.90			
S			11.40	104.00			
11			8.35	107.05			
11	6.65	113.70					
BM			6.10	107.60	N E wing bridge		
12			6.00	107.70			
13			5.50	108.20			
14			4.40	109.30			
15			3.68	110.02			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
West brace [illegible]							
Intersection							
east side road [illegible]							
8 A level 12" sewer pipe in							
flows north							
6' flat top 16' long to be lengthened							
by addition of 8' on South end							
3 6" I beams curr arches							
10' parapets 3' high on each							
end concreted around old							
balustrade.							

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
16		113.70	2.90	110.80			
17			1.90	111.80			
18			.65	113.05			
18	10.00	123.05					
19			8.70	114.35			
20			7.90	115.15			
21			6.90	116.15			
22			6.00	117.05			
23			5.00	118.05			
24			3.55	119.50			
25			2.70	120.35			
26			2.05	121.00			
27			1.30	121.75			
27	5.40	127.15					
28			4.90	122.25			
29			5.45	121.70			
29+70	Br		7.20	119.95			
	S		7.20	119.95			
BM			5.36	121.79	Br along old bridge		
30			4.30	122.85			
31			4.00	123.15			
32			1.80	125.35			
33			00	127.15			
33	6.10	133.25					

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

24" Sewer pipe at 29+30 to be removed and saved for Township.
At 30+10 wood top to be removed and abutments buried beneath fill grade. 6' flat top at 29+70 North.

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
34		133.25	5.45	127.80			
35			5.60	127.65			
36			5.30	127.95			
36+90	S		8.70	124.55			
	Ir		8.50	124.75			
37			4.95	128.30			
38			3.80	129.45			
39			.78	132.47			
39	10.60	143.07					
40			8.30	134.77			
40+85	Ir		10.20	132.87			
	S		9.30	133.77			
41			6.30	136.77			
42			3.66	139.41			
⊙			00	143.07			
⊙	12.75	155.82					
43			12.60	143.22			
44			7.35	148.47			
45			3.05	152.77			
BM				157.82			
48			2.15	153.67			
49			5.70	150.12			
49							
50	1.30	151.42					
8			4.25	147.17			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Same stream as at 24+90							
S		18" sewer pipe in					
10A rolling ground Ir							
18" sewer in							
Hub stakes marked 44 & 45							
Cor post Irw Cor Tomlinson's							
lane 2' above H.I.							

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
51							
49		157.42	5.00	146.42			
51							
49+30			8.50	142.92			
52	S		7.30	144.12			
50			5.05	146.37			
53							
51			5.00	146.42			
54							
52			4.55	146.87			
54							
52	+90 W		5.15	146.27			
55	E		5.30	146.12			
53			3.25	148.17			
53							
53	+ N						
56	S						
54			1.60	149.82			
56	9.10	158.92					
56	+5 N		11.00	147.92			
	S		10.10	148.82			
57			7.40	151.52			
58			4.95	153.97			
59			3.17	155.75			
60			1.45	157.47			
61			.80	158.12			
61	5.70	163.82					
62			5.50	158.32			
63			5.40	158.42			
64			4.90	158.92			

16" sewer in 54 rolling ground

12" sewer in access intersecting road to north 12" pipe

56 intersecting road to south

Stake 64 5' ½ north telephone pole

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
64		163.82	7.2	156.62			
65			10.7	153.12			
66			13.3	150.52			
66	2.5	153.82					
67			4.5	148.82			
68			4.9	148.42			
68+10			8.6	144.72			
	S		8.5	144.82			
BM			5.8	147.52			
69			5.4	147.92			
70			5.0	148.32			
71			6.4	146.92			
72			6.9	146.42			
72+25			10.1	143.22			
	N		9.4	143.92			
73			7.8	146.32			
73	8.5	154.82					
74			8.25	146.57			
75			7.65	147.17			
76			6.5	148.32			
BM				155.52			
77			5.8	149.82			

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

two stakes marked 64

6' span — 16' long to be extended by addition of 8' to north end wooden top removed and flat top and parapets put on NE wing

South 14" sewer

East gate post .7 above line of sight

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
78		154.82	6.55	148.27			
79			8.40	146.42			
80			10.50	144.32			
BM			6.50	148.32			
BM	-.90	147.42					
81			4.20	143.22			
82			4.60	142.82			
82+75	Ir		7.21	140.21			
	S		7.00	140.42			
83			4.90	142.52			
84			4.80	142.62			
85			4.60	142.82			
86			4.30	143.12			
87			3.70	143.72			
BM			-.80	148.22			
88			3.90	143.52			
89			5.40	142.02			
89	-2.00	140.02					
90			.85	139.17			
91			5.30	134.72			
92			7.20	132.82			
	S		11.30	128.72			
	Ir		11.60	128.42			
93			8.15	131.87			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
top big corner post scallop of Road intersection							
10" pipe							
gal. fort n side west galeway							
top old bridge							
South				6' span			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
94		140.02	6.40	133.62			
95			4.70	135.32			
96			4.90	135.12			
97			4.80	135.22			
98			4.30	135.72			
98	7.80	143.52					
99			8.00	135.52			
99+	12 S		10.70	132.82			
	N		10.60	132.92			
100			7.10	136.42			
101			5.10	138.42			
102			4.90	138.62			
103			4.50	139.02			
104			4.70	138.82			
105			6.15	137.37			
106			7.00	136.52			
X			7.50	136.02			
BM	5.30	53.62		48.32			
1			8.00	45.62			
2			4.00	49.62			
3			4.65	48.97			

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

12" sewer tile
S 15" pipe

BM Van Hise

52.37
9.70
62.07

51.57
5.40
56.97

56.97
5.50
51.47
3.03
54.50

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	W	53.62	7.40	46.22			
	E		7.60	46.02			
4			3.90	49.72			
5			2.30	51.32			
6			1.25	52.37			
6	9.70	62.07					
7		wall	7.10	54.97			
8		4.20	4.20	57.87			
BM			4.10	57.97			
8+58		6.05					
9		7.30	6.60	55.47			
10		10.10	9.50	52.57			
10+54		10.50	4.50	57.57			
10+54	5.40						
Bitch			7.70	49.27			
11		5.10	4.60	52.37			
11+36		4.85					
12		4.65	4.55	52.42			
12+16		4.70					
13		5.30	4.80	52.17			
14		5.50					
14	3.03		2.60	51.90			
15		2.90	2.40	52.10			
Bitch			6.30	48.20			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
14	Same tile						
end Rotaday							
beginning here at head					18" tile		

54.50 46.20 .60 46.80 40.10 9.50 49.60 2.30 47.30 47.30 4.00 51.30 47.50 4.50 52.00

72

73

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL		STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
16		4.50	4.15	50.35												
16+11		4.82														
17		6.70	6.30	48.20												
18		8.90	8.30	46.20												
18	60															
19		3.40	3.40	43.40												
20			4.90	41.90												
21			5.80	41.00												
BM			4.00	42.80												
22			6.70	40.10												
22	9.50															
Pitch mouth				35.20												
22+40		8.10														
23		5.50	6.40	43.20												
24		4.80	5.20	44.40												
25		3.20	3.40	46.20												
25+27	2.30															
25+27	4.00		4.30	47.00												
/		4.20	4.20	47.10												
\		4.50	4.50	46.80												
/		4.60	3.80	47.50												
	4.50															
S		4.80	5.00	47.00												
A		7.20	7.00	45.00												
X			8.40	43.60												

bridge
5 parapet

7.60 below [illegible] parapet

49.60 2.30 47.30

Weder Add.

Cuthbertson

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

14" cover plate
8" I laced
7" joint
15" floor beam
2 pc $\frac{5}{8}$ × $2\frac{1}{2}$ lower chord
2 pc $\frac{7}{8}$ × 3
2 pc $\frac{13}{16}$ × $3\frac{1}{2}$
Counter 2 pc $\frac{5}{8}$ × $1\frac{3}{4}$
$\frac{3}{4}$ × 2
$\frac{3}{4}$ × $2\frac{1}{2}$

Posts 6' I's laced

Top chord

Ht truss 22'

hanger $\frac{7}{8}$

panel length $16\frac{2}{3}$'

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

11.55
4.32
7.23

6.55
3.32
3.23

10.76
3.32
7.44

10.66
3.32
8.34

6.77
3.32
3.45

3.90
3.32
.58

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM	7.15	107.15					
0		C	8.50	98.65			
		S					
1		S	7.75	99.40	99.77		
2		S	6.60	100.55	100.89		
3		S	4.12	102.90	102.01		
4		S	2.04	105.10	103.13		
Walk			2.30	104.85			
		C	3.70	103.45			

103.45
98.65
4.80) 4.80 (1.12
4.30
300
430
700

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	98.65						
	1.12						
	99.77						
	1.12						
	100.89						
	1.12						
	102.01						
	1.12						
	103.13						

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Wilbur Hadley					50 A		
Robt Eulin					75 A		
Walls					15 A		
Jas Hadley & Co					30 A		
					170)	3400	
						20	

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
1000		5		10		1000	
1500		8		9		900	
300		5		3		300	
600		3		10		1000	
3400				32			

32) 3400 (105
32
200

2800
2100

Final Allotment

Walls	300	250	250
Eulin	1100	1300	1300
Wilbur	1200	1250	1250
Jas	300	600	600
Co	300		
			3400

200
1500
600
2300

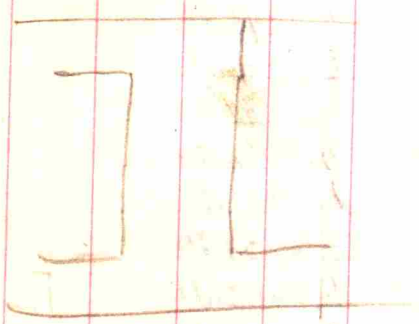
Garner Road

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
1			4.00				
1			-.05				
1	3.81		4.05				
			3.81				
			7.86				
1							
BM		54.50	4.50	50.00			
0			7.60	46.90			
1			9.00	45.50			
2			8.30	46.20			
3			8.60	45.90			
4			9.00	45.50			
4+15	S		10.50	44.00			
4+15	N		10.70	43.80			
5			8.30	46.20			
6			6.30	48.20			
7			4.20	50.30			
8			2.80	51.70			
9			4.40	50.10			
10			5.70	48.80			
11			7.40	47.10			
11	8.40	55.50					
11+70	N		14.10	41.40			
	S		13.90	41.60			

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

Large stone by corner post SW cor

12" pipe South



10' flat top

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
12		55.50	9.50	46.00			
13			8.20	47.30			
			11.60	43.90			
14			3.40	52.10			
15			4.30	51.20			
BM			1.30	54.20			
16			4.50	51.00			
17			4.80	50.70			
18			4.90	50.60			
19			4.70	50.80			
20			3.50	52.00			
21			2.50	53.00			
21	2.20	55.20					
18+30	S		6.60	48.60			
	N		6.20	49.00			
21	4.30	57.30					
22			5.00	52.30			
23			4.80	52.50			
24			4.60	52.70			
25			4.20	53.10			
26			4.60	52.70			
26+60	N		5.50	51.80			
	S		5.40	51.90			
27			4.10	53.20			

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

Rt I wing to form dam across present open ditch which is to be filled, throwing water upon land to north

bottom ditch where it enters road.

Fahey's front door step

10 ft left ground 12" pipe

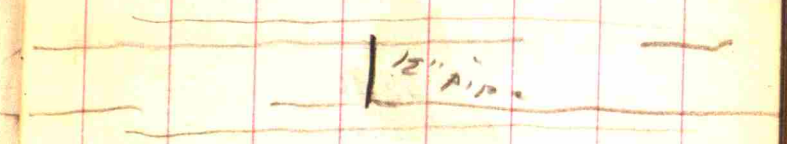
12" South

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM		57.30	-.35	57.65			
X			3.80	53.50			
28			3.40	53.90			
29			2.80	54.50			
30			1.60	55.70			
30	5.80	61.50					
31			5.10	56.40			
32			4.30	57.20			
BM			4.30	57.20			
33			4.50	57.00			
34			5.00	56.50			
34	+20 N		5.60	55.90			
	S		6.00	55.50			
35			4.50	57.00			
36			3.20	58.30			
BM			3.20	58.30			
37			3.30	58.20			
38			3.60	57.90			
39			3.90	57.60			
39	4.00	61.60					
40			4.20	57.40			
40+40 S			5.30	56.30			
N			5.10	56.50			
BM			2.20	59.40			

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

N brace post 1 N E cor
intersecting road north

John Garners front gateway



Garners
End cement walk front
gate

12" pipe
front gateway top post

G

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STA.	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	FILL
41		61.60	4.50	57.10			
42			4.40	57.20			
43			3.90	57.70			
44			4.30	57.30			
45			4.90	56.70			
46			4.80	56.80			
47			4.40	57.20			
47	N		5.50	56.10			
	S		5.80	55.80			
48			3.20	58.40			
48	3.00	61.40					
49							
50			4.50	56.90			
51			5.40	56.00			
52			5.50	55.90			
53			4.70	56.70			
54			5.20	56.20			
54			5.20	56.20			
54	L		9.30	52.10			
	S		9.40	52.00			
55			5.30	56.10			
56			5.10	56.30			
57			5.10	56.30			
58			4.30	57.10			
58	4.20	61.30					

G

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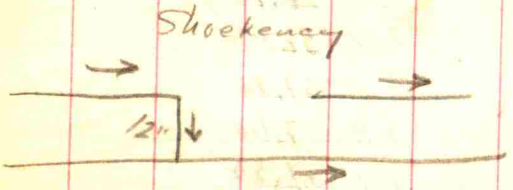
STA.	B. S.	H. I.	F. S.	ELEV.	GRADE	CUT	FILL



Public ditch to be filled
24" sewer tile in place
6' flat to 12

G

88

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
59		61.30	4.00	57.30			
60			4.30	57.00			
60		Nr	5.40	55.90			
		S	5.70	55.60			
61			4.40	56.90			
62			4.20	57.10			
63			4.30	57.00			
64			3.70	57.60			
			3.80	57.50			
65			2.50	58.80			
66			1.60	59.70			
67			3.00	58.30			
68			3.30	58.00			
68	4.50	62.50					
69			4.90	57.60			
70			4.50	58.00			
71			5.20	57.30			
71 + 30	S		5.70	56.80			
	N		5.80	56.70			
72			5.40	57.10			
73			4.70	57.80			
74			5.40	57.10			
75			5.40	57.10			
76			4.80	57.70			

G

89

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
12" ?			S				
Harry Garnens front gateway							
12" ?			S				

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
77		62.50	5.80	56.70			
78			6.00	56.50			
78	6.10	62.60					
	S		6.40	56.20			
	1		7.20	55.40			
79			5.90	56.70			
80			5.70	56.90			
BM			5.30	57.30			
81			5.10	57.50			
82			4.80	57.80			
83			4.90	57.70			
84			4.50	58.10			
85			4.10	58.50			
86			4.20	58.40			
86	5.00	63.40					
BM			4.80	58.60			
87			4.70	58.70			
88			4.90	58.50			
89			4.70	58.70			
90			4.40	59.00			
90	E		5.50	57.90			
	W		5.80	57.60			
91			4.10	59.30			
92			4.00	59.40			

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

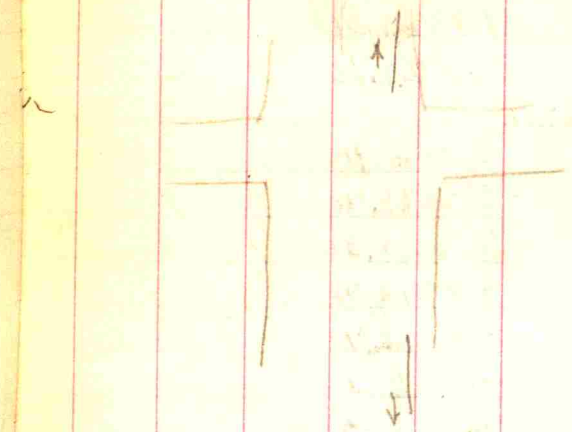
12" pipe ? L

Cornerstone — TP 17

Wm Kinney's barn gateway

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
93		63.40	3.50	59.90			
93 +90	E		4.20	59.20			
	W		4.50	58.90			
94			3.50	59.90			
95			3.40	60.00			
96			3.20	60.20			
97			2.50	60.90			
97	6.80	67.70					
98			6.80	60.90			
99			6.60	61.10			
100			6.10	61.60			
101			5.70	62.00			
102			4.80	62.90			
103			4.40	63.30			
104			4.60	63.10			
105			4.80	62.90			
106			4.80	62.90			
107			6.60	61.10			
BM			7.00	60.70			
BM	3.00	63.70					
108			3.70	60.00			
109			4.50	59.20			
110			5.20	58.50			
111			5.10	58.60			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
12"	?		W				
105 +50	Cor S H						
Corstone	Brown S.H.						



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
111+30		63.70	6.00	57.70			
	W		6.00	57.70			
112			4.00	59.70			
113			3.30	60.40			
114			2.40	61.30			
115			1.20	62.50			
116			.60	63.10			
116	4.00	67.10					
117			3.70	63.40			
118			3.80	63.30			
119			3.60	63.50			
120			3.80	63.30			
B M			4.40	62.70			
121			5.00	62.10			
122			5.60	61.50			
123			6.00	61.10			
124			6.30	60.80			
125			6.30	60.80			
126			6.40	60.70			
126	5.10	65.80					
127			6.00	59.80			
127+10	E		7.80	58.00			
	W		7.40	58.40			
128			5.60	60.20			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
	18" pipe		W				
	Car stone						
	18" pipe		East				

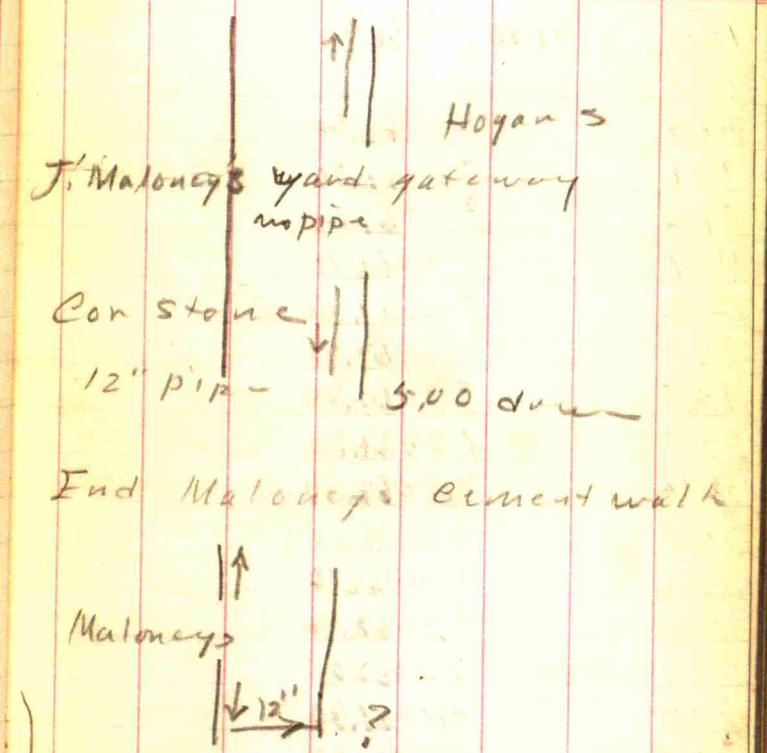
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
		65.80	5.30	60.50			
129			4.80	61.00			
130			5.10	60.80			
130+50 E			5.40	60.40			
	W		5.40	60.40			
131			4.80	61.00			
132			4.00	61.80			
133			2.90	62.90			
134			2.80	63.00			
135			3.30	62.50			
135	5.40	67.90					
B M			4.50	63.40			
135+70 E			6.00	61.90			
	W		6.00	61.90			
136			5.50	62.40			
137			5.10	62.80			
138			4.90	63.00			
138+36 E			9.50	58.40			
	W		9.30	58.60			
139			6.00	61.90			
140			5.70	62.20			
141			4.60	63.30			
142			3.10	64.80			
143			1.80	66.10			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Greeley yard gateway							
12" pipe?							
Greeleys							
12"							
18"							
Corstone 150' back							
12" pipe?							
12' flat top S60E							

G

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
144		67.90	1.00	66.90			
144	2.80	69.70					
145			3.10	66.60			
BM			3.50	66.20			
146			3.50	66.20			
147			3.60	66.10			
BM			3.40	66.30			
148			4.10	65.60			
149			3.90	65.80			
150			2.80	66.90			
BM			3.20	66.50			
151			3.60	66.10			
152			4.60	65.10			
152+50	E		7.30	62.40			
	W		7.50	62.20			
153			4.10	65.60			
154			4.20	65.50			
154	4.40	69.90					
155			4.30	65.60			
155			3.60	66.30			
156			3.80	66.10			
157			4.00	65.90			
158			4.00	65.90			
159			3.60	66.30			

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



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
159 + 15	5.90		7.90	62.00			
			7.80	62.10			
160			4.00	65.90			
161			3.20	66.70			
162			2.30	67.40			
BM			3.00	66.90			
163			2.30	67.60			
164			2.20	67.70			
165			2.30	67.60			
166			1.80	68.10			
167			2.50	67.40			
167	5.30		72.90				
168			5.60	67.30			
169			5.40	67.50			
170			4.90	68.00			
171			5.00	67.90			
172			4.90	68.00			
173			4.20	68.70			
174			4.00	68.90			
174+70	W		5.00	67.90			
	E		4.90	68.00			
175			4.30	68.60			
	W gate		4.30	68.60			
	E gate		4.60	68.30			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
18" sewer pipe in 3' pipe - S							
Mayo's gateway							
←							
←							
↓ Pipe ← Sta 163							
←							
turns north.							
12" pipe - W							
Collins							

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Equip	6.60	74.90					
176			6.70	68.20			
176 +	E		7.50	67.40			
	W		7.60	67.30			
177			6.90	68.00			
178			6.50	68.40			
179			5.90	69.00			
180			4.80	70.10			
181			5.10	69.80			
182			5.00	69.90			
183			4.90	70.00			
184			5.30	69.40			
185			5.70	69.20			
186			5.40	69.50			
186	5.00	74.50					
187			4.00	70.50			
BM			4.30	70.20			
~~188~~			4.10	70.40			
189			3.40	71.10			
190			3.95	70.55			
191			4.40	70.10			
192			4.50	70.00			
192+50	E		5.20	69.30			
	W		5.10	69.40			

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

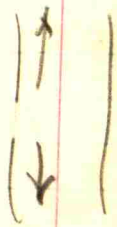
12" pipe west & 60 below 185
W .90

Con stone

12" pipe W

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
193		74.50	4.20	70.30			
194			3.80	70.70			
195			3.0 s	71.50			
196			2.80	71.70			
197			3.3 s	71.20			
197	3.4 s	76.60					
197+30	E		6.10	70.50			
	W		6.20	70.40			
198			5.40	71.20			
199			5.20	71.40			
900			4.8 s	71.80			
			4.1 s	72.50			
BM.			4.40	72.20			
201			4.9 s	71.70			
202			4.90	71.70			
202	E		5.40	71.20			
	W		5.70	70.90			
203			4.3 s	72.30			
204			4.40	72.20			
205			3.90	72.70			
205	3.1 s	75.80					
206			2.9 s	72.90			
207			2.4 s	73.40			
			2.70	73.10			

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
12" pipe	W						
Martin Dugan's gate							
Con stin							
Hogan	gate way						



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
208		75.80	2.3	73.50			
209			4.0	71.80			
209+80			6.1	69.70			
	W		5.9	69.90			
210			4.8	71.00			
211			4.8	71.00			
212			4.0	71.80			
213			3.4	72.40			
			3.5	72.30			
			1.6	74.20			
	3.8	78.00					
214			4.3	73.70			
215			3.8	74.20			
216			1.4	76.60			
217			2.7	75.30			
218			4.3	73.70			
218+80.2			6.6	73.40			
	W		6.6	71.40			
219			4.7	73.30			
220			4.3	73.70			
221			4.7	73.30			
222			4.3	73.70			
	6.4	80.10					
223			6.4	73.70			

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

10" sewer pipe in 15" pipe

10" sewer pipe
Hogan Gateway
corner sash
" "

12" sewer pipe

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
224		80.10	5.40	74.70			
225			4.70	75.40			
226			4.50	75.60			
227			4.75	75.40			
BM			4.40	75.70			
BM	4.40	80.10					
228			5.00	75.10			
229			5.40	74.70			
230			5.40	74.70			
230+			9.30	70.80			
	S		8.60	71.50			
231			6.60	73.50			
232			6.40	73.70			
233			5.10	75.00			
234			4.30	75.80			
235			4.80	75.30			
236			5.00	75.10			
237			5.20	74.90			
238			5.10	75.00			
239			5.50	74.60			
240			6.30	73.80			
BM			6.30	73.80			
BM	4.50	78.30					

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

corner rock tied up

15" pipe S

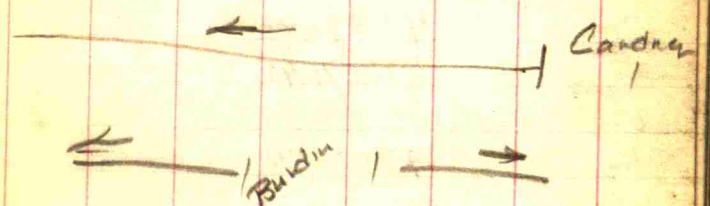
Cor rock

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
		78.30					
240 + 40			L 7.40	70.90			
			S 7.30	71.00			
241			6.00	72.30			
241 + 10			L 6.40	71.90			
			S 7.00	71.30			
242			4.40	73.90			
243			4.40	73.90			
244			3.90	74.40			
245			4.00	74.30			
246			4.00	74.30			
246	380	78.10	3.80				
12			4.00	74.10			
247			4.00	74.10			
248			4.60	73.50			
			5.60	72.50			
B.M.			4.90	73.20			
249			4.60	73.50			
250			5.30	72.80			
251			4.70	73.40			
252			3.80	74.30			
253			3.10	73.00			
254			2.60	75.50			
254	480	80.30					
255			4.70	75.60			

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

15" pipe - South

15" pipe South



Burdine gateway

Gardeners gateway
flag stn NE cor Union bridge

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
BM		80.30	5.00	75.30			
256			5.00	75.30			
256	S		6.50	73.80			
	R		6.40	73.90			
257			4.40	75.90			
258			4.20	76.10			
259			4.50	75.80			
260			4.40	75.90			
260	6.10	82.00					
259	S		7.30	74.70			
	R		7.80	74.20			
261			5.00	77.00			
BM			5.80	76.20			
262			4.40	77.60			
263			4.60	77.40			
			5.30	76.70			
264			4.90	77.10			
265			5.70	76.30			
265	4.10	80.40					
265+80	R		5.10	75.30			
	S		6.00	74.40			
266			4.60	75.80			
			5.40	75.00			
267			5.10	75.30			

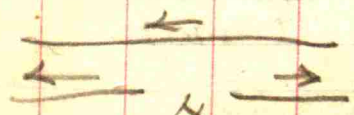
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL

Cor stone

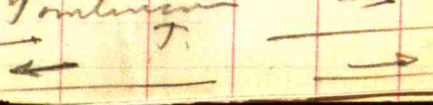
12" pipe S

Cor stone

Hamilton's gateway



Gateway Tomlinson



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
268		80.40	4.70	75.70			
BM			4.50	75.90			
269			5.00	75.40			
270			6.00	74.40			
271			6.40	74.00			
271	4.50	78.50					
271+50			6.10	72.40			
	S		5.90	72.60			
272			4.50	74.00			
273			4.70	73.80			
274			5.30	73.20			
275			5.70	72.80			
276			6.10	72.50			
277			6.10	72.40			
277+82			6.90	71.60			
277+60	S		7.80	70.70			
	N		8.50	70.00			
BM			3.80	74.70			

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

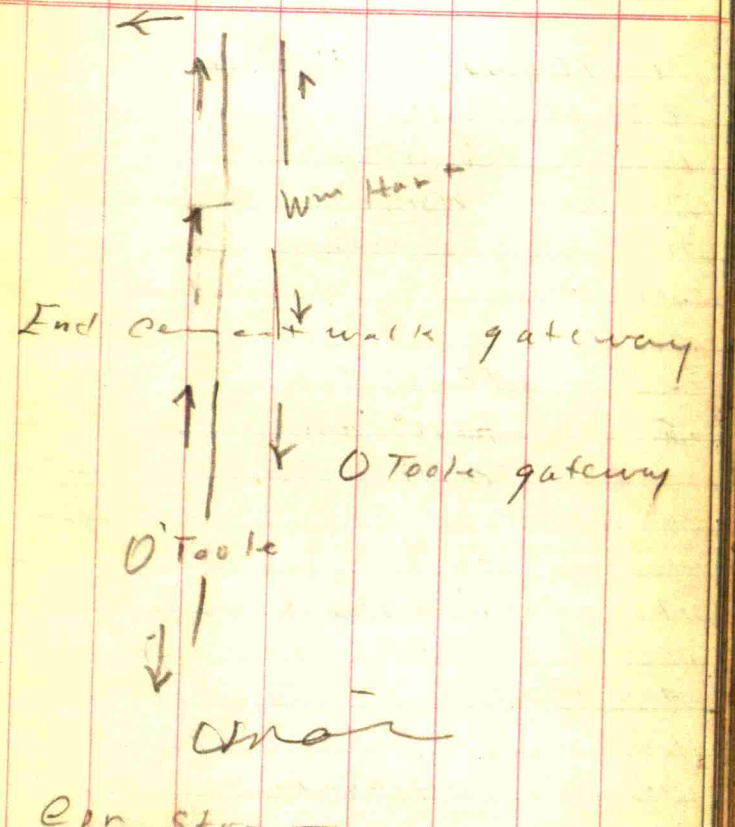
Cor stone

15" pipe ?

15" pipe mound
Cor post SE Cor Wilson
barn lot.

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
OBM	4.50	61.80		57.30			
1			4.30	57.50			
2			4.70	57.10			
3			4.60	57.20			
4			3.60	58.20			
4	1.60	59.80					
BM			4.0	59.40			
5			2.40	57.40			
6			3.20	56.60			
			4.00	55.80			
7			3.90	55.90			
8			4.50	55.30			
9			4.70	55.10			
10			5.20	54.60			
10	3.70	58.30					
11			4.10	54.20			
12			4.10	54.20			
BM			4.20	54.10			
13			4.30	54.00			
14			4.20	54.10			
15			4.10	54.20			
16			4.20	54.10			
17			4.80	53.50			
17	4.60	58.10					

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



Garner pipe – revamp by Johnson

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
1	15" (asked) Put 10"						
4+15	15"						
11+70	8' arch						
18+80	18" wanted moved to 22+50						
23+20	10" pipe						
27+80	18" wanted across N+S. road						
34+20	12"						
47	12"						
54	6' flat top						
65	~~12"~~ ~~want~~ 18" + moved to 61+50						
80	15" (new)						
90	12"						
101+50	20" new						
107	12" " across S. road						
111+30	18"						
127+10	18"						
130+50	12"						
138+35	10'-0 flat top (move in)						
152+50	24" (should there be a flat top?)						
155	12" (asked)						
159+15	6'-0" flat						
163	10"						
172	10"						
176+50	10" Want 176+50 + 185 interchan						
185	18" changed. Did they want 185 move to 191?						

1 – 12" x 44' – Hart Rice

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
198	12" (asked)						
209+80	15"						
218+80	18"						
228+50	12" (asked)						
281	~~15"~~ change to 24"						
240+40	24"						
241+10	12"						
277+60	15"						
	Arm –						
18+60	24" changed to 30"						

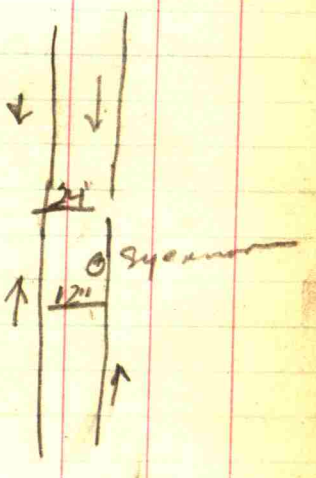
3	10"	4	10 ✓
6	12	3	15
4	15	3	24 ✓
7	18	7	18 ✓
1	20	6	12 ✓
3	24	1	20 ✓
1	30	1	30 ✓
26		29	

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
18		58.10	4.9	53.20			
18+60	W		7.00	51.10			
	E		7.10	51.00			
19			4.60	53.50			
			5.20	52.90			
20			4.00	54.10			
21			3.90	54.20			
22			4.00	54.10			
22	4.66	58.70					
23			4.00	54.70			
24			4.30	54.40			
			5.10	53.60			
25			4.50	54.20			
26			4.90	53.80			
26+			5.00	53.70			

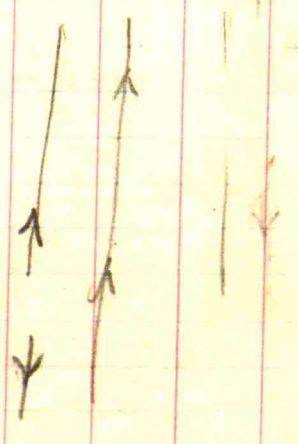
STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL

24" pipe ℄

gateway



Gateway



STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
38+70 culvert							
BM	5.20	38.75		33.75			
Stake		40	5.10	33.65			
			7.00	31.75			
Stake		41	4.90	33.85			
			5.80	32.95			
Stake		42	4.40	34.35			
			5.30	33.45			
"		43	3.40	35.35			
			4.00	34.75			
"		44	2.80	35.95			
			3.40	35.35			
Stake	44	5.10	41.05	4.20	36.85		
	45			4.70	36.35		
				6.30	34.75 water north		
45+10							
water 4.20 below BM							

33.75
4.20
29.55

STA.	B.S.	H.I.	F.S.	ELEV.	GRADE	CUT	FILL
Abutment of bridge							