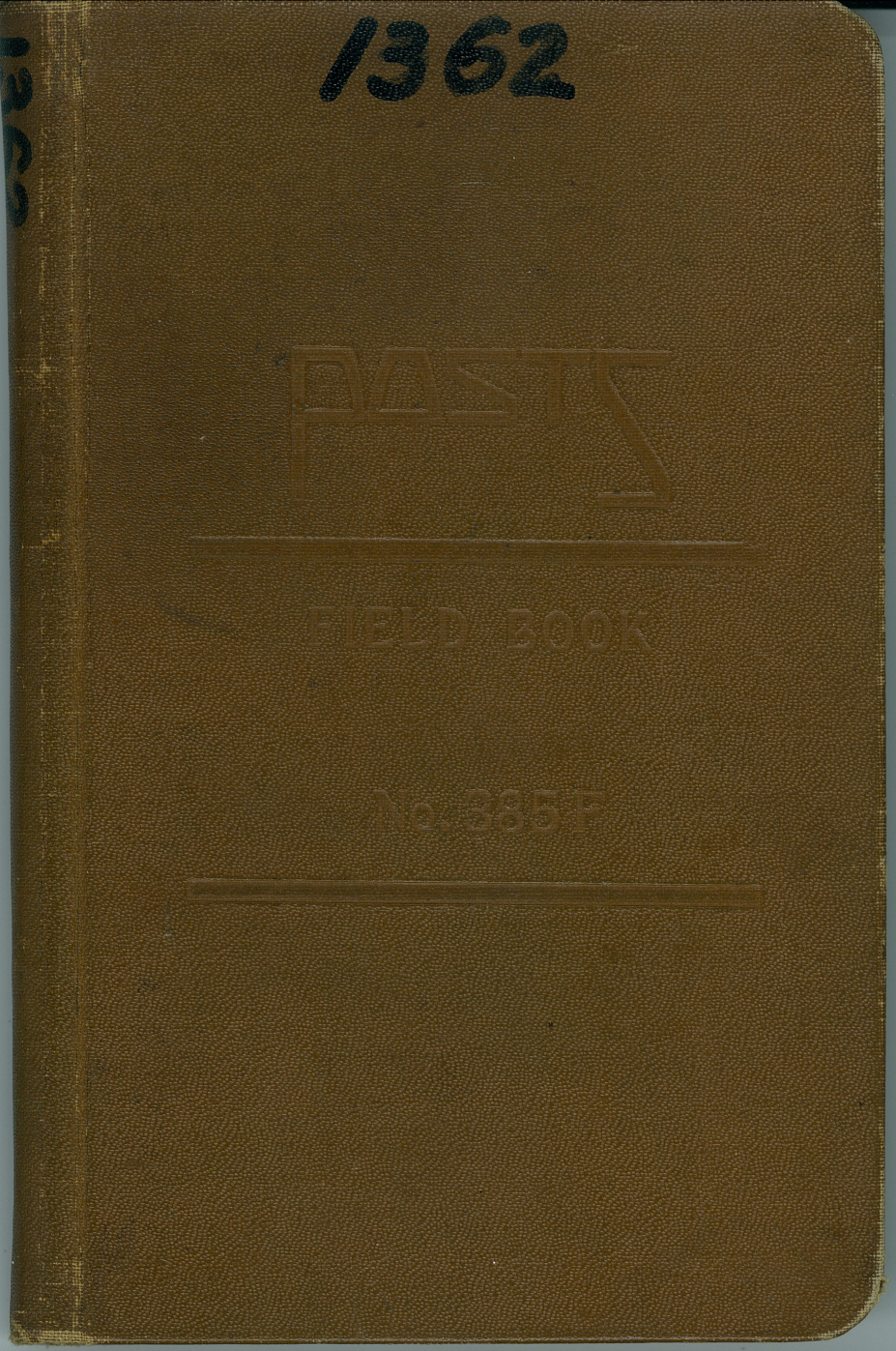
1362
FIELD BOOK
No. 385F

1357

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

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THE FREDERICK POST CO.

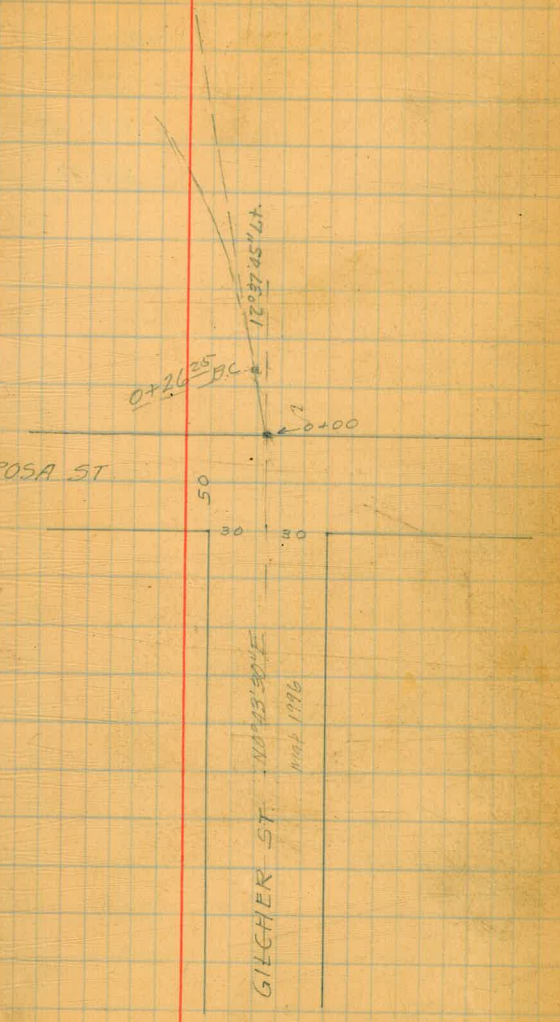
ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

Extension of Gilcher Street

7/23/29
Loudon
Isbell
Morgan



Extension of Gilcher Street to College Site.

N 0°23'30" E

Bear N11°54'15"W

0+00 (sec PI)

0+26.25 P.C.

Δ = 56°06'40" Lt.

R = 750

L = 734.49

T = 399.72

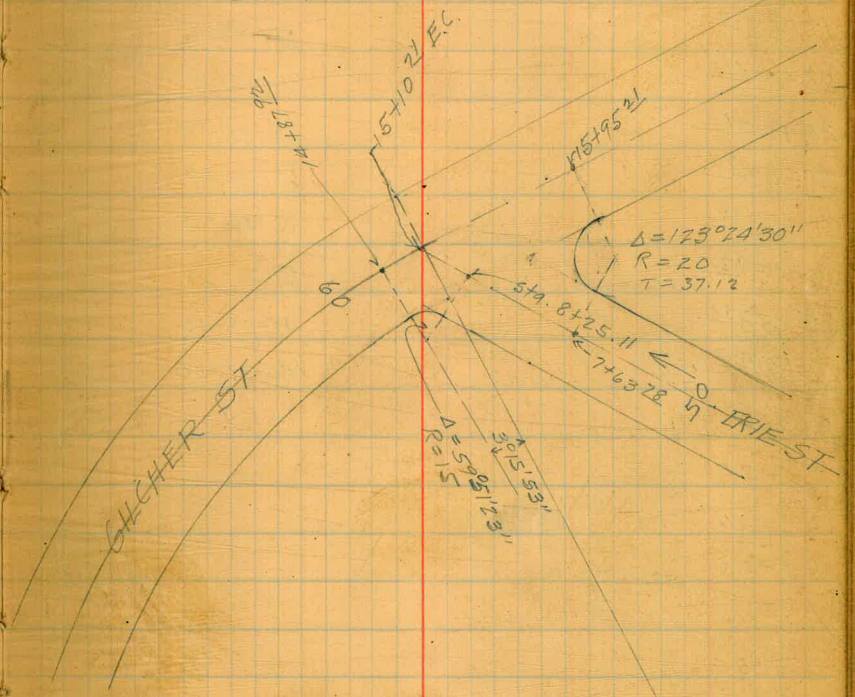
				def.	chord
0+65.63				1°07'20	29.38
0+85.21				2-14-40	
1+14.39				3-22-00	
1+43.77				4-29-20	
1+78.15				5-36-40	
2+02.53				6-44-00	
2+31.91				7-51-20	
2+61.29				8-58-40	
2+90.67				10-06-00	
3+20.05				11-13-20	
3+49.43				12-20-40	
3+78.81				13-28-00	
4+08.19				14-35-20	
4+37.57				15-42-40	
4+66.95				16-50-00	
4+96.33				17-57-20	
5+25.71				19-04-40	
5+55.09				20-12-00	
5+84.47				21-19-20	
6+13.85				22-26-40	
6+43.23				23-34-00	

763.78
37.12
800.90

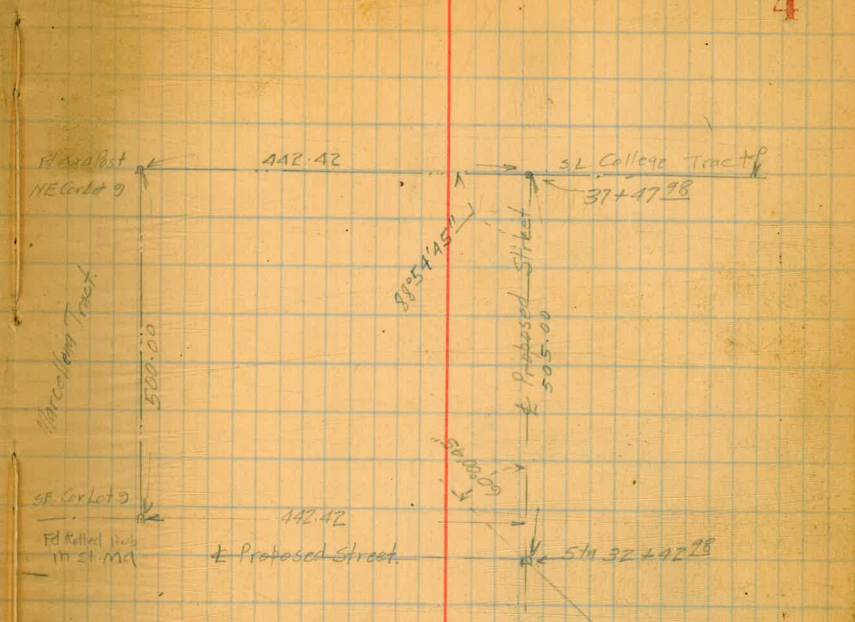
3

			defl	chord
6+72.61			24-41-20	
7+01.99			25-48-90	
7+31.37			26-56-00	
7+60.74	E.C.	N68°00'55"W	28-03-20	
8+10.74	B.C.	Δ = 100° 15' 48" Rt		
		R = 400		
		L = 699.97		
		T = 478.93		
8+60.74			3°-34'51"	49.97
9+10.74			7-09-42	
9+60.74			10-44-33	
10+10.74			14-19-24	
10+60.74			17-54-15	
11+10.74			21-29-06	
11+60.74			25-03-57	
12+10.74			28-38-48	
12+60.74			32-13-39	
13+10.74			35-48-30	
13+60.74			39-23-21	
14+10.74			42-58-12	
14+60.74			46-33-03	
15+10.71	E.C.		50-07-54	
15+50		N32°14'53"E		
16+00				
16+53.98	B.C.	Δ = 91°05' Lt.		
		R = 400	L = 635.88	
		T = 407.64		

Intersection of Gilcher & Erie Sts.
(See P. 5)

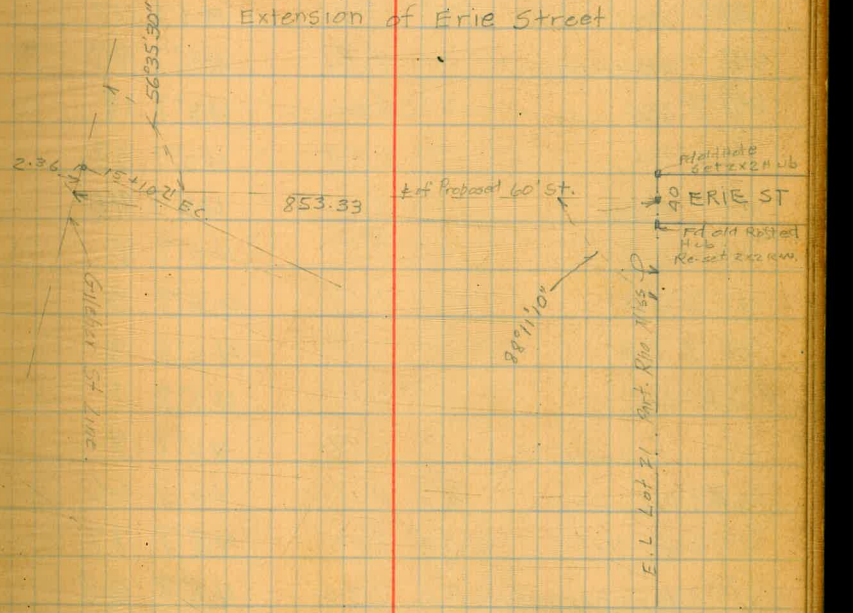


			dctl	chord
16+53.92	BC	Bear.		
17+03.92			3°-34'-51"	49.97
17+53.92			7-09-42	
18+03.92			10-44-33	
18+53.92			14-19-24	
19+03.92			17-54-15	
19+53.92			21-29-06	
20+03.92			25-03-57	
20+53.92			28-38-48	
21+03.92			32-13-39	
21+53.92			35-48-30	
22+03.92			39-23-21	
22+53.92			42-58-12	
22+89.80	EC		45-32-30	35.88
23+00				
23+50				
24+00		N58°30'07"W		
24+50				
25+00				
25+50				
26+00				
26+50				
27+00				
27+50				
28+00				
28+50				
29+00				



29+50
30+00
30+50
31+00
31+50
32+00 N58°50'07"W
32+42.98 P.C.
Δ = 60°00'45" Rt.
33+00
33+50 N1°10'38"E
34+00
34+50
35+00
35+50
36+00
36+50
37+00
37+47.28 S.L. College Site.

Extension of Erie Street



E.P. NW Elevations Gilsher.

X sec Gilsher from SL of Arosa to 200' South

Gilsher Ladon

BM	3.95	469.22		465.27
T.P.	4.33	467.45	6.10	463.12
T.P.	3.71	465.80	5.36	462.09
Tob Fire Hyd SE Gilsher & Arosa BM			5.09	460.71

0+00 = SL of Arosa

EL		7.6	458.2
1+15	back walk	7.71	458.09
+7	on cb on ret	7.81	457.99
+7	gut conc	8.61	457.19
cb		8.48	457.32
+1	Edg gut	8.40	457.40
1/4		7.9	457.9
+5		7.5	458.3
℄		7.5	458.3
1/4		7.7	458.1
+65	Edg gutter slab	7.99	457.81
cb	on conc	8.14	457.66
+25	gutter	8.03	457.77
+25	top cb on ret.	7.32	458.48
+82	back walk	7.30	458.50
WL		7.3	458.5

60'ST 10' obs 40' Rdway

465.80

6

0+10		
WL	6.8	459.0
+5 back walk	7.14	458.66
cb	7.19	458.61
gut conc	8.02	457.78
+35 Edg gutter	7.84	457.96
1/4	7.6	458.2
℄	7.3	458.5
+5	7.4	458.4
1/4	7.7	458.1
+65 Edg gutter	8.44	457.56
gut	8.45	456.35
cb	7.66	458.14
+5 back walk	7.62	458.18
EL	7.2	458.6
0+50		
EL	6.8	459.0
+5	7.00	458.8
cb	7.06	458.74
gut	8.0	457.8
1/4	7.2	458.6
℄	7.0	458.8
1/4	7.1	458.7
+5	7.2	458.6
gut	7.7	458.1
cb	6.79	459.01
+5 back walk	6.71	459.09

Gilcher

465.80

0+50		
W.L	6.7	459.1
1+00		
W.L	5.6	460.2
+1	6.0	459.8
+5	6.12	459.68
cb	6.15	459.65
gut	7.0	458.8
¼	6.5	459.3
℄	6.6	459.2
¼	6.7	459.1
+5	7.0	458.8
gut	7.4	458.4
cb	6.38	459.42
+5	6.32	459.48
EL	6.3	459.5
1+50		
EL	5.4	460.4
+5	5.66	460.14
cb	5.74	460.06
gut	6.8	459.0
¼	6.1	459.7
℄	5.9	459.9
¼	6.0	459.8
gut	6.6	459.2
cb	5.57	460.23
+5	5.48	460.32

Gilcher

465.80

7

1+50		
+9	5.4	460.4
W.L	5.1	460.7
2+00		
W.L	4.7	461.1
+5	4.92	460.98
cb	5.00	460.8
gut	6.0	459.8
¼	5.3	460.5
℄	5.2	460.6
¼	5.4	460.4
gut	6.0	459.8
cb	4.88	460.92
+5	4.82	460.98
EL	4.5	461.3

Top of Hill SE Arosa & Gilcher

X se Arosa Eff from WL Gilcher to 200' West 50' st ro' ebo 30' Rdway

EM 2.21 462.92 460.71

0+00 = WL Gilcher.		
S.L.	4 5	458.4
+7 top on rock	4.55	458.37
+7 gut	5.2	457.7
cb	5.2	457.7
¼	4.9	458.0
℄	4.9	458.0
¼	5.2	457.7
gut	5.9	457.0
cb	5.00	457.92
NL	4.7	458.2
0+10		
NL	4.8	458.1
cb	5.05	457.87
gut	6.0	456.9
¼	5.3	457.6
℄	4.9	458.0
¼	5.1	457.8
+3	5.2	457.7
gut	5.4	457.5
cb	4.54	458.38
S.L.	4.4	458.5

Arosa

8

462.92

2+50		
S.L.	4.6	458.3
cb	4.79	458.13
gut	5.7	457.2
¼	5.4	457.5
℄	5.1	457.8
¼	5.5	457.4
gut	6.3	456.6
cb	5.28	457.64
+9	5.1	457.8
NL	4.3	458.6
1+00		
NL	5.6	457.3
cb	5.67	457.25
gut	6.6	456.3
¼	5.9	457.0
+3	5.6	457.3
℄	5.5	457.4
¼	5.6	457.3
gut	5.7	457.0
cb	5.16	457.76
S.L.	4.7	458.2

Arosa

462.92

1+50		
S.L.	5 2	457.7
cb	5 51	457.41
g.t	6 3	456.6
¼	5 9	457.0
℄	5 8	457.1
¼	6 2	456.7
gut	6 8	456.1
cb	6.00	456.92
+9	5 9	457.0
N.L.	5 4	457.5
2+00		
N.L.	6.0	456.9
cb	6 35	456.57
g.t	7.1	455.8
¼	6 5	456.4
℄	6.0	456.9
+4	5 9	457.0
¼	6 2	456.7
gut	6 7	456.2
cb	5.80	457.12
S.L.	5 4	457.5

X sec Arosa from W.L. Gilcher to E.L. of El Retiro.

462.92

9

W cb line Gilcher		
S.L. on pillar slab	5.28	457.64
cb " " "	5.46	457.48
¼ " " "	5 53	457.39
℄ " " "	5 62	457.30
¼ " " "	5 75	457.19
Cb end of gut slab	5.86	457 06
N.L.	5 5	457.4
W ℄ Gilcher		
N.L.	5 5	457.4
+6	5.9	457.0
cb on gut slab	5 94	456.98
+3 S Edg gut slab	5.70	457.22
¼	53	457.6
+2	5 0	457.9
℄	4 9	458.0
¼	4 7	458.2
cb	4 8	458.1
S.L.	4 8	458.1
℄ Gilcher		
S.L.	4.6	458.3
cb	4 6	458.3
¼	4 7	458.2
℄	4 9	458.0
+5	5 1	457.8
¼	5 5	457.4
+4 S Edg Slab	5 76	457.16

Arosa

462.92

cb	NEdg Slab	6.02	456.90
+1		6.0	456.9
+5		5.7	457.2
N.L.		5.6	457.3
E ¼ Gilcher.			
N.L.		5.7	457.2
+6		5.8	457.1
cb	NEdg. Slab	6.11	456.81
+3.5	o " "	5.84	457.08
¼		5.4	457.5
+3		5.1	457.8
℄		5.0	457.9
¼		5.0	457.9
cb		5.0	457.9
S.L.		5.0	457.9
E cb Gilcher			
SL	on conc Slab	5.58	457.34
+2.5	Edg gut Slab	5.51	457.41
cb		5.4	457.5
¼		5.3	457.6
℄		5.1	457.8
¼		5.5	457.4
+4	SEdg Slab	5.93	456.99
cb	N " "	6.21	456.71
+2		6.1	456.8
N.L.		5.8	457.1

Arosa

462.92

10

EL Gilcher: =0+00

N.L.		5.6	457.3
cb		5.54	457.38
gut conc		6.36	456.56
+3.5	Edg Slab	6.06	456.86
¼		5.7	457.2
℄		5.3	457.6
¼		5.5	457.4
+6.5	Edg Slab	5.60	457.32
cb	on Slab	5.69	457.23
+3	gut	5.80	457.12
+3	+ab cb on ret.	5.05	457.87
SL		4.8	458.1
B.M 2.0.8	462.79		460.71
0+10			
SL		4.6	458.2
cb		5.08	457.71
gut		5.85	456.94
+3.5	Edg Slab	5.58	457.21
¼		5.5	457.3
℄		5.3	457.5
¼		5.8	457.0
+4	Edg Slab	6.20	456.59
gut		6.46	456.33
cb		5.68	456.11
N.L.		5.7	457.1

Arosa

0+50	462.79			
N.L.		6.8	456.0	
c b		6.63	456.16	
gut		7.42	455.37	
+3 S	Edg Slab	7.20	455.59	
¼		6.8	456.0	
℄		6.3	456.5	
+5		6.2	456.6	
¼		6.4	456.4	
+4	Edg Slab	6.67	456.12	
gut		6.91	455.88	
c b		6.15	456.64	
S.L.		5.8	457.0	
0+98 (Brk.)				
S.L.		7.0	455.8	
c b		7.29	455.50	
gut		8.15	454.64	
+3 S		7.75	455.04	
¼		7.6	455.2	
℄		7.6	455.2	
¼		7.9	454.9	
+4		8.26	454.53	
gut		8.71	454.08	
c b		7.81	454.98	
N.L.		7.9	454.9	

Arosa

462.79

11

1+15 = E.L. Tract.			
N.L.		8.0	454.8
c b		7.62	455.17
gut		8.36	454.43
+3 S		8.07	454.72
+3 S cross c b		7.53	455.26
¼ " "		7.46	455.33
¼		7.80	454.99
℄ cross c b		7.35	455.44
℄		7.4	4554
¼ cross c b		7.23	455.56
¼		7.5	455.3
+4 cross c b		7.17	455.62
+4		7.70	455.09
gut		7.87	454.92
c b		7.15	455.64
S.L.		6.8	456.0

X sec. Proposed Extension of Gilcher Street (Alignment on P.C.)

462.79

Void
See X College Way

0+00 = Y.L Area 59.		
R.L. E.L.	5.5	457.3
+5	5.1	457.7
cb	5.6	457.2
1/4	5.5	457.3
℄	5.5	457.3
+5	5.5	457.3
1/4	5.4	457.4
cb	5.4	457.4
+8	4.5	458.3
L.L. W.L.	4.4	458.4
0+26.25 B.C.		
L.L. W.L.	3.7	459.1
+1	4.5	458.3
cb	5.1	457.7
1/4	5.1	457.7
℄	5.1	457.7
+4	5.2	457.6
1/4	7.7	455.1
cb R.L. E.L.	10.3	452.5
	13.5	449.3
40 E	24.2	438.6

60'± 10" cbs stationed on ℄

462.79

0+55.63		
40E		
R.L. E.L.		
cb		
1/4		
℄		
1/4		
+5		
cb L.L. W.L.		
8W		
20W		
40W		
0+85.01		
40W		
20W		
5W L.L. W.L.		
cb		
1/4		
℄		
1/4		
cb R.L. E.L.		
20E		
40E		

40' Roadway

R.L. Prob. Line on Rt
L.L. " " Lt

12

31.0	431.8
18.7	444.1
16.4	446.4
13.9	448.9
11.1	451.7
8.6	454.2
5.9	456.9
5.6	457.2
5.3	457.5
4.9	457.9
3.7	459.1
3.5	459.3
4.7	458.1
5.9	456.9
7.0	455.8
8.0	454.8
10.2	452.6
12.7	450.1
14.9	447.9
17.6	445.2
20.4	442.4
23.4	439.4
29.2	433.6
34.1	428.7

Gilcher

1+14 39	462 79			
40R			33.3	429 5
20R			28.8	434.0
8R			24.4	438 4
R.L.			23.6	439.2
cb			22.0	440.8
1/4			19.9	442.9
℄			18.6	444:2
1/4			16.6	446 2
cb			14.4	448 4
L.L.			12.1	450.7
20L			8.6	454 2
40L			7.5	455 3
1+43 27				
40L			9.8	453 0
20L			12.4	450 4
T.P.	0.63	450 46	12.96	249.83
L.L.			3.4	447.1
cb			5.2	445.3
1/4			6.5	444.0
℄			8.0	442.5
1/4			10.5	440.0
cb			12.2	438.3
R.L.			13.4	437.1
20R			17.3	433.2
40R			20.9	429.6

Gilcher

1+73 15	450 46			
40R			23.6	426.9
20R			20.1	430.4
R.L.			15.6	434.9
cb			13.5	437.0
1/4			12.2	438.3
℄			10.4	440.1
1/4			9.2	441.3
cb			7.9	442.6
L.L.			5.5	445.0
20L			2.6	447.9
40L			0.6	449.9
2+02 53				
40L			3.6	446.9
20L			6.4	444.1
L.L.			9.2	441.3
cb			10.0	440.5
1/4			11.0	439.5
℄			12.3	438.2
1/4			14.9	435.6
cb			17.0	433.5
R.L.			18.4	432.1
20R			20.5	430.0
40R			26.0	424.5

Gilcher

2+31 91		450.46 ✓		
40R			27.0	423.5
30R			23.8	426.7
R.L.			20.2	430.3
cb			18.4	432.1
¼			17.0	433.5
℄			16.5	434.0
¼			15.3	435.2
cb			13.6	436.9
L.L.			12.0	438.5
20L			10.0	440.5
40L			8.2	442.3
2+61 29				
40L			11.0	439.5
20L			14.2	436.3
L.L.			16.3	434.2
cb			16.3	434.2
T.P.	1.02	438.52 ✓	12.96	437.50
¼			5.0	433.5
℄			6.6	431.9
¼			8.2	430.3
cb			8.8	429.7
R.L.			9.2	429.3
10R			10.2	428.3
20R			13.7	424.8
40R			20.9	417.6

Gilcher

2+90 67		438.52 ✓		
40R			27.4	411.1
20R			21.6	416.9
RL			16.3	422.2
cb			15.0	423.5
¼			13.8	424.7
℄			12.3	426.2
¼			11.0	427.5
cb			9.5	429.0
L.L.			8.8	429.7
20L			7.4	431.1
32L			5.1	433.4
40L			4.6	433.9
3+70 05				
40L			11.6	426.9
20L			15.2	423.3
T.P. 064		426.28 ✓	12.88	425.64
L.L.			5.2	421.1
cb			6.8	419.5
¼			8.2	418.1
℄			9.7	416.6
¼			11.2	415.1
cb			12.5	413.8
R.L.			14.0	412.3
20R			19.3	407.0
40R			25.5	400.8

Gilcher

3+49 43		426.28 ✓		
60R			32.6	393.7
53R			33.6	392.7
40R			30.5	395.8
20R			27.4	398.9
R.L.			23.4	402.9
cb			22.2	404.1
¼			20.5	405.8
℄			18.2	408.1
¼			17.5	408.8
cb			15.7	410.6
L.L.			14.1	412.2
20L			12.1	414.2
40L			10.4	415.9
3+78 81				
40L			15.9	410.4
T.P.	0.16	413.64 ✓	12.80	413.48
20L			6.8	406.8
L.L.			11.2	402.4
cb			12.6	401.0
¼			13.9	399.7
TP	0.04	400.87 ✓	12.81	400.83
℄			2.3	398.6
¼			4.0	396.9
cb			5.0	395.9
R.L.			5.5	395.4
8R			5.8	395.1

Gilcher

3+78 81	400.87 ✓		
20R		8.2	392.7
28R		9.6	391.3
40R		7.9	393.0
60R		5.4	395.5
4+08 19			
60R		3.2	397.7
40R		5.3	395.6
20R		7.3	398.7
3R		10.1	390.8
R.L.		12.1	388.8
+5		10.0	390.9
cb		10.0	390.9
¼		10.5	390.4
℄		11.2	389.7
¼		12.0	388.9
cb		11.7	389.2
LL		10.0	390.9
20L		5.3	395.6
40L		2.2	398.7
50L		0.0	400.9

Gilcher

A + 37 57	400.87		
60 L		5.6	395.3
40 L		8.8	392.1
20 L		11.7	389.2
15 L		15.0	385.9
12 L		15.0	385.9
10 L		13.6	387.3
L.L.		12.9	388.0
cb		11.7	389.2
¼		9.8	391.1
℄		8.3	392.6
¼		7.2	393.7
cb		5.7	395.2
R.L.		3.6	397.3
20 R		0.0	400.9
40 R		+3.3	404.2
4+66 95			
40 R		+12.1	413.0
20 R		+7.8	408.7
R.L		+7.7	403.6
cb		+1.3	402.2
¼		0.0	400.9
℄		2.2	398.7
¼		4.0	396.9
cb		5.1	395.8
L.L.		6.6	394.3
20 L		9.9	391.0

Gilcher

16

4+66 95	400.87		
30 L		11.1	389.8
40 L		13.2	387.7
50 L		15.6	385.3
60 L		16.1	384.8
4+96 33			
60 L		12.4	388.5
40 L		8.7	392.2
20 L		4.8	396.1
L.L.		0.6	400.3
T.P. 12 91	413.71	0.07	400.86
cb		11.6	402.1
¼		9.3	404.4
℄		6.8	406.9
¼		4.0	409.7
cb		1.6	412.1
T.P. 12 72	426.07	0.36	413.35
R.L.		11.5	414.6
20 R		5.7	420.4
40 R		0.0	426.1

Gilcher

5+25.21		426.07 ✓		
40R			+4.6	430.7
20R			+2.1	428.2
R.L.			3.0	423.1
cb			6.0	420.1
¼			7.9	418.2
℄			10.2	415.9
¼			12.8	413.3
cb			16.2	409.9
L.L.			19.3	406.8
20L			23.4	402.7
46L			30.3	395.8
60L			29.3	396.8
5+55.09				
60L			23.3	402.8
50L			21.6	404.5
27L			23.4	402.7
LL.			12.4	413.7
cb			8.0	418.1
¼			3.7	422.4
℄			0.1	426.0
T.P.	12.53	438.55 ✓	0.05	426.02 ✓
¼			9.2	429.4
cb			7.2	431.4
R.L.			6.4	432.2
20R			5.8	433.3
40R			5.3	435.3

Gilcher

17

5+84.47		438.55 ✓	
40R		+1.0	439.6
R.L.		4.9	433.6
cb		6.0	432.6
¼		8.5	430.1
℄		11.4	427.2
¼		15.3	423.3
cb		18.5	420.1
L.L.		21.4	417.2
20L		26.4	412.2
40L		27.3	411.3
6+13.85			
40L		19.4	419.2
20L		17.7	420.9
L.L.		15.2	423.4
cb		13.6	425.0
¼		11.5	427.1
℄		8.5	430.1
¼		6.1	432.5
cb		4.1	434.5
R.L.		2.5	436.1
40R		+2.0	440.6 ✓
T.P. 12.44	448.78 ✓	2.21	436.34

Gilcher

6+43.23	44878		
40R		6.1	442.7
20R		7.3	441.5
R.L.		10.3	438.5
cb		11.4	437.4
¼		12.8	436.0
℄		13.5	435.3
¼		13.9	434.9
cb		15.1	433.7
L.L.		16.5	432.3
20L		17.7	431.1
40L		20.1	428.7
6+72.61			
40L		17.6	431.2
20L		16.3	432.5
L.L.		14.7	434.1
cb		13.9	434.9
¼		12.9	435.9
℄		11.7	437.1
¼		10.0	438.8
cb		9.0	439.8
R.L.		8.1	440.7
20R		6.0	442.8
40R		3.7	445.1

Gilcher

18

7+01.17	44878		
40R		2.0	446.8
20R		5.2	443.6
R.L.		7.6	441.2
cb		9.0	439.8
¼		9.8	439.0
℄		10.8	438.0
¼		11.5	437.3
cb		12.0	436.8
L.L.		12.5	436.3
20L		14.6	434.2
40L		17.0	431.8
7+31.37			
40L		16.3	432.5
20L		14.2	434.6
L.L.		12.7	436.1
cb		11.9	436.9
¼		10.7	438.1
℄		9.5	439.3
¼		9.0	439.8
cb		7.6	441.2
R.L.		6.1	442.7
10R		5.7	443.1
20R		3.4	445.4
40R		1.3	447.5

Gilcher

7+60 24 E.C. 44878			
40R		0.4	448.4
20R		3.4	445.4
R.L.		5.8	443.0
cb		7.3	441.5
¼		8.5	440.3
℄		9.1	439.7
¼		9.6	439.2
cb		10.3	438.5
L.L.		11.5	437.3
20L		12.7	436.1
40L		14.5	434.3
8+10 24 B.C.			
40L		13.8	435.0
20L		12.5	436.3
L.L.		11.5	437.3
cb		10.6	438.2
¼		9.7	439.1
℄		8.4	440.4
¼		7.5	441.3
cb		6.5	442.3
R.L.		5.0	443.8
20R		2.3	446.5
40R		+1.2	450.0

Gilcher

19

8+60 24	448.78		
40R		+1.8	450.6
20R		0.6	448.2
R.L.		3.7	445.1
cb		5.9	442.9
¼		7.3	441.5
℄		7.9	440.9
¼		8.9	439.9
cb		9.9	438.9
L.L.		10.8	438.0
20L		12.5	436.3
40L		14.6	434.2
9+10 24			
40L		13.5	435.3
20L		11.7	437.1
L.L.		10.3	438.5
cb		9.2	439.6
¼		8.2	440.6
℄		7.4	441.4
¼		6.3	442.5
cb		4.8	444.0
R.L.		3.6	445.2
20R		0.9	447.9
40R		+1.1	449.9
T.P. 7.96	453.46	3.28	445.50

Gilcher

9+60 24	453.46 ✓		
40R		3.8	449.7
20R		6.3	447.2
R.L.		8.5	445.0
cb		9.7	443.8
¼		10.7	442.8
℄		11.6	441.9
¼		12.4	441.1
cb		13.5	440.0
L.L.		14.4	439.1
20L		15.6	437.9
40L		17.7	435.8
10+10 24			
40L		15.7	437.8
20L		15.2	438.3
L.L.		13.7	439.6
cb		12.7	440.8
¼		11.6	441.9
℄		10.8	442.7
¼		10.0	453.5
cb		9.5	444.0
R.L.		8.8	444.7
20R		6.9	446.6
40R		4.1	449.4

Gilcher

20 ~~19~~

10+60 24	453.46 ✓		
40R		3.5	450.0
20R		5.3	448.2
R.L.		8.6	444.9
cb		9.1	444.4
¼		10.1	443.4
℄		11.1	442.4
¼		12.0	441.5
cb		12.7	440.8
L.L.		13.7	439.8
20L		15.2	438.3
40L		16.6	436.9
11+10 24			
40L		16.3	437.2
20L		14.7	438.8
L.L.		13.0	440.5
cb		11.9	441.6
¼		10.9	442.6
℄		10.1	443.4
¼		8.6	444.9
cb		7.5	446.0
R.L.		6.5	447.0
20R		5.7	447.8
40R		3.7	449.8

Gilcher

11+60 TP		453.46 ✓		
40R			3.5	450.0
20R			5.1	448.4
R.L.			7.2	446.3
cb			6.9	446.6
¼			7.7	445.8
℄			9.4	444.1
¼			10.5	443.0
cb			10.7	442.8
L.L.			11.2	442.3
20L			13.7	439.8
40L			14.8	438.7
12+10 TP				
40L			14.6	438.9
20L			11.4	442.1
L.L.			10.6	442.9
cb			9.6	443.9
¼			9.1	444.4
℄			8.4	445.1
¼			8.0	445.5
cb			6.1	447.4
R.L.			4.6	446.9
20R			3.8	449.7
40R			2.9	450.6
T.P	2.63	452.92 ✓	4.17	449.29

Gilcher

452.92

21

12+35		
40R	2.0	450.9
20R	3.7	449.2
R.L.	5.7	447.2
cb	6.7	446.2
¼	7.7	445.2
℄	8.7	444.2
¼	9.5	443.4
cb	10.3	442.6
L.L.	10.7	442.2
20L	12.4	440.5
30L	12.0	440.9
40L	13.5	439.4
12+60 TP		
40L	16.4	436.5
20L	13.6	4393
L.L.	9.3	443.6
cb	8.6	444.3
¼	8.5	4444
℄	7.3	445.6
¼	5.7	447.2
cb	5.4	447.5
R.L.	5.5	447.4
20R	3.3	449.6
40R	1.4	451.5

Gilcher

452.92

13+10 24			
40R		1.4	451.5
30R		2.9	450.0
20R		3.0	449.9
R.L.		4.5	448.4
cb		5.2	447.7
1/4		7.0	445.9
℄		9.0	443.9
1/4		10.2	442.7
cb		11.1	441.8
L.L.		12.5	4404
20L		16.5	436.4
30L		18.0	4349
40L		21.3	431.6
13+60 24			
40L		32.3	4206
20L		22.8	430.1
L.L.		17.0	435.9
cb		15.0	437.9
1/4		13.0	439.9
℄		11.1	441.8
1/4		9.6	443 3
cb		7.8	445.1
R.L.		5.5	447.4
10R		2.9	450 0
20R		1.7	451.2
40R		2.2	450.7

Gilcher

22

452.72

13+85		
40R	2 4	450.5
20R	3.3	449.6
R.L.	6 2	446 7
cb	7.9	445.0
1/4	10 3	442.6
℄	12.8	440.1
1/4	16 4	436.5
cb	17.5	435.4
L.L.	19.9	433.0
10L	23.1	429.8
20L	29.0	4239
40L	38 0	414.9
14+10 24		
40L	32.3	420.6
15L	29.7	4232
L.L.	24.2	428.7
cb	19.7	4332
1/4	16.8	436.1
℄	14.5	438.4
1/4	11.4	441.5
cb	8.0	444.9
R.L	6.3	446.6
20R	2.2	450.7
40R	2.3	450.6

Gilcher

452.92

14+60.24

40R	2.4	450.5
30R	3.1	449.8
20R	2.6	450.3
10R	3.2	449.7
RL	5.2	447.7
cb	7.3	445.6
¼	9.2	443.7
℄	10.1	442.8
¼	11.1	441.8
cb	11.7	441.2
L.L.	12.5	440.4
20L	13.1	439.8
40L	12.2	440.7

(See P 25 for sec. 14+87.24 P.C. return)

15+10.21 E.C.

40L	3.9	449.0
20L	4.0	448.9
LL	3.5	449.4
cb	2.8	450.1
¼	2.3	450.6
℄	2.5	450.4
¼	3.4	449.5
cb	3.6	449.3
RL	2.6	450.3
20R	1.4	451.5
30R	2.0	450.9
40R	1.6	451.3

Gilcher.

23

452.92

Hub & 15+10.21 E.C.
BM 6.37 456.73

	2.56	450.36
15+50		
40R	4.7	452.0 ~~448.2~~
20R	6.9	450.7
R.L.	7.1	449.6
cb	7.2	449.5
¼	7.2	449.5
℄	7.2	449.5
¼	7.1	449.6
cb	7.2	449.5
L.L.	7.7	449.0
20L	8.0	448.7
40L	7.9	448.8

(See P 25 for 15+95.21 P.C. return)

16+00

40L	10.6	446.1
20L	8.6	448.1
L.L.	6.5	450.2
cb	5.2	451.5
¼	5.0	451.7
℄	5.3	451.4
¼	6.3	450.4
cb	6.2	450.5
R.L.	5.7	451.0
20R	4.6	452.1
40R	4.4	452.3

Gilcher

456.73 ✓

16+53 12 B.C.

40R	4.0	452.7
20R	5.2	451.5
R.L	5.0	451.7
cb	5.2	451.5
1/4	5.7	451.0
℄	6.5	450.2
1/4	6.8	449.9
cb	7.1	449.6
L.L.	7.5	449.2
20L	8.8	447.9
40L	12.1	444.6
17+03 12		
40L	15.6	441.1
20L	11.6	445.1
L.L	8.2	448.5
cb	6.7	450.0
1/4	5.9	450.8
℄	6.1	450.6
1/4	6.0	450.7
cb	6.1	450.6
R.L	5.7	451.0
20R	5.6	451.1
30R	4.8	451.9
40R	4.3	452.4

Gilcher

24

17+53 92 456.73

40R		6.1	450.6
20R		8.2	448.5
RL		10.4	446.3
cb		10.9	445.8
1/4		11.9	444.8
℄		11.7	445.0
1/4		12.2	444.5
cb		13.6	443.1
L.L.		15.6	441.1
20L		16.4	440.3
30L		17.1	4396
T.P. 9.55	460.78	5.50	451.23
T.P. 4.18	458.80	6.16	454.62
T.P. 7.44	462.81	3.43	455.37
B.M Top Fire Hyd. SE. Gilcher & Arosa		2.07	460.74

Gilcher St.

Hub 15+10.2 Ec.

B.M	5.33	455.69		450.36
14+87.92 = P.C. SE ret (P8) (P23)				
40R			4.5	451.2
20R			5.9	449.8
R.L.			7.0	448.7
cb			7.1	448.6
1/4			6.8	448.9
℄			7.7	448.0
1/4			8.7	447.0
cb			9.6	446.1
L.L.			10.2	445.5
20L			10.6	445.1
40L			10.9	444.8
15+95.21 = P.C. NE ret (P3)				
Same as 16+00				
18+03.92				
40L			28.0	427.7
31L			24.8	430.9
20L			22.5	433.2
L.L.			20.7	435.0
cb			21.4	434.3
1/4			22.3	433.4
℄			23.2	432.5
1/4			23.0	432.7
cb			22.3	433.4

Void see X College Way

Gilcher

25

18+03.92		455.69	
℄		21.8	433.9
R.L.		20.1	435.6
15R		16.8	438.9
36R		14.9	440.8
40R		13.4	442.3
18+27			
40R		15.6	440.1
20R		17.0	438.7
13R		20.2	435.5
RL.		22.7	433.0
cb		23.5	432.2
1/4		27.2	428.5
℄		30.0	425.7
1/4		28.6	427.1
cb		27.1	428.6
L.L.		25.5	430.2
18L		25.9	429.8
33L		29.1	426.6
50L		34.9	420.8

Gilcher

18+53 PT 455.69

50L	39.0	4167	
20L	34.6	421.1	
L.L.	33.2	422.5	
cb	28.9	426.8	
1/4	23.7	432.0	
℄	21.4	434.3	
℄	20.6	435.1	
1/4	19.7	436.0	
cb	18.9	436.8	
R.L.	17.7	438.0	
20R	14.7	441.0	
40R	11.9	443.8	
19+03 PT			
40R	3.7	452.0	
20R	5.0	450.7	
RL	4.4	451.3	
cb	4.5	450.9	
+7	5.4	450.3	
1/4	6.6	449.1	
℄	10.5	445.2	
1/4	13.5	442.2	
cb	14.7	441.0	
L.L.	15.1	440.6	
20L	19.6	436.1	
40L	20.5	435.2	

Void

Gilcher

19+53 PT 455.69

26

40L	11.4	444.3	
20L	9.0	446.7	
5L	6.3	449.4	
L.L.	5.4	450.3	
cb	4.7	451.0	
1/4	3.9	451.8	
℄	2.8	452.9	
1/4	2.8	452.9	
cb	3.7	452.0	
R.L.	4.1	451.6	
20R	2.6	453.1	
33R	2.6	453.1	
40R	3.1	452.6	
20+03 PT			
40R	0.7	455.0	
20R	0.8	454.9	
R.L.	2.7	453.0	
cb	2.6	453.1	
1/4	1.6	454.1	
℄	1.3	454.4	
1/4	2.2	453.5	
cb	2.7	453.0	
L.L.	3.2	452.5	
20L	3.7	452.0	
40L	4.3	451.4	
T.P. 628	459.00	2.97	452.72

Gilcher

20+53.92	459.00		
40L		6.7	452.3
20L		4.9	454.1
10L		4.7	454.3
L.L.		5.4	453.6
cb		5.7	453.3
¼		5.0	454.0
℄		4.1	454.9
¼		3.9	455.1
cb		4.9	454.1
R.L.		4.9	454.1
20R		4.5	454.5
40R		3.7	455.3
20+74			
40R		4.2	454.8
20R		3.7	455.3
R.L.		5.1	453.9
cb		4.3	454.7
¼		2.7	458.3
℄		2.7	456.3
¼		3.6	455.4
cb		5.0	454.0
L.L.		5.5	453.5
20L		4.9	454.1
40L		6.5	452.5

Void

Gilcher

27

21+03.92	459.00		
40L		5.9	453.1
20L		6.3	452.7
L.L.		5.9	453.1
cb		5.5	453.5
¼		5.2	453.8
℄		5.1	453.9
¼		5.2	453.8
cb		5.0	454.0
R.L.		4.6	454.4
20R		1.9	457.1
30R		2.4	456.6
40R		4.0	455.0
21+53.92			
40R		4.8	454.2
20R		3.4	455.6
R.L.		5.2	453.8
cb		5.4	453.6
¼		4.8	454.2
℄		4.7	454.3
¼		4.4	454.6
cb		3.8	455.2
L.L.		4.1	454.9
20L		4.7	454.3
40L		6.2	452.8

Gilcher

459.00

22+03.92

40L	6.3	452.7
20L	6.2	452.8
LL	6.1	452.9
eb	6.1	452.9
¼	6.1	452.9
℄	5.4	453.6
¼	5.0	454.0
eb	5.4	453.6
RL	5.2	453.8
10R	4.9	454.1
20R	5.2	453.8
30R	6.2	452.8
40R	6.3	452.7
22+53.92		
40R	6.9	452.1
20R	7.0	452.0
RL	6.9	452.1
eb	7.0	452.0
¼	7.1	451.9
℄	6.6	452.4
¼	5.7	453.3
eb	6.1	452.9
+6	6.4	452.6
+7	4.4	454.6
LL	4.5	454.5

Void

Gilcher

459.00

28

22+53.92

20L	6.2	452.8
40L	5.6	453.4
22+87.80 E.C.		
40L	6.5	452.5
20L	6.6	452.4
LL	6.4	452.6
eb	7.0	452.0
¼	6.3	452.7
B.M. ℄ Hub & 22+87.80 E.C. (grnd)	6.14	452.86
¼	6.7	452.3
eb	7.1	451.9
RL	7.0	452.0
20R	7.1	451.9
40R	7.0	452.0
23+30.		
40R	6.7	452.3
20R	7.0	452.0
RL	7.1	451.9
eb	7.1	451.9
¼	6.9	452.1
℄	6.0	453.0
¼	5.3	453.7
eb	5.5	453.5
LL	6.5	452.5
20L	7.3	451.7
40L	7.0	452.0
46L	7.5	451.5

Silcher

23+50	459.00 ✓		
40L		7.2	451.8
20L		7.6	451.4
LL		6.6	452.4
cb		5.5	453.5
¼		5.1	453.9
℄		6.1	452.9
¼		6.6	452.4
cb		5.8	453.2
RL		4.8	454.2
10R		4.8	454.2
20R		5.9	453.1
40R		5.1	453.9
24+00			
40R		5.6	453.4
20R		5.4	453.6
RL		6.4	452.6
cb		6.7	452.3
¼		7.1	451.9
℄		7.3	451.7
¼		7.4	451.6
cb		7.2	451.8
LL		6.9	451.1
20L		7.2	451.8
40L		7.9	451.1

Void

Silcher

29

24+50	459.00 ✓		
40L		7.9	451.1
20L		7.2	451.8
LL		7.8	451.2
cb		7.5	451.5
¼		7.5	451.5
℄		7.3	451.7
¼		6.9	452.1
cb		6.8	452.2
RL		6.7	452.3
20R		5.6	453.4
40R		6.0	453.0
24+75			
20R		6.8	452.2
RL		5.9	453.1
cb		4.7	454.3
¼		4.9	454.1
℄		5.8	453.2
¼		7.2	451.8
cb		7.7	451.3
LL		7.8	451.2
20L		8.2	450.8

Gilcher

Void

25+00	459.00 ✓		
20L		7.9	451.1
L.L.		8.0	451.0
cb		8.1	450.9
¼		7.8	451.2
℄		7.3	451.7
¼		6.8	452.2
cb		6.4	452.6
R.L.		6.7	452.3
20R		6.2	452.8
25+50			
20R		6.1	452.9
R.L.		6.6	452.4
cb		7.2	451.8
¼		7.2	451.8
℄		6.9	452.1
¼		7.3	451.7
cb		7.6	451.4
+4		7.6	451.4
+6		9.1	449.9
L.L.		8.9	450.1
20L		9.9	449.1

Gilcher

30

26+00	459.00 ✓		
20L		9.6	449.4
10L		9.4	449.6
8L		10.5	448.5
L.L.		9.8	449.2
cb		9.6	449.4
¼		9.5	449.5
℄		9.4	449.6
¼		9.1	449.9
cb		8.1	450.9
R.L.		7.6	451.4
20R		7.9	451.1
26+50			
20R		9.3	449.7
R.L.		9.9	449.1
cb		9.4	449.6
¼		8.8	450.2
℄		10.0	449.0
+3		11.1	447.9
¼		10.9	448.1
cb		11.3	447.7
+5		11.5	447.5
L.L.		11.0	448.0
20L		10.8	448.2

Gilcher

27+00		459.00		
20L			15.2	443.8
L.L.			13.8	445.2
cb			13.8	445.2
¼			13.1	445.9
℄			12.2	446.8
¼	Void		12.4	446.6
cb			12.0	447.0
RL			11.2	447.8
10R			11.0	448.0
20R			11.6	447.4
TP	9.73	464.43	4.30	454.70
TP	5.57	469.73	0.27	464.16
B.M. Hub NL Erie EL Lot 21 Rho Miss.			7.49	462.24

X sec Erie Street from EL Lot 21
Part of Rho. Mission to Gilcher St.
50'st 10'cbs 30' Rhway Stationed ℄ 31

469.73

0+00 = EL Lot 21		
NL	7.1	462.6
cb	7.0	462.1
½	7.5	462.2
℄	7.1	462.6
¼	7.4	462.3
cb	7.5	462.2
S.L.	7.5	462.2
0+25		
S.L.	5.9	463.8
cb	6.2	463.5
¼	7.1	462.6
℄	6.4	463.3
¼	5.6	464.1
cb	5.3	464.4
NL	6.9	462.8
0+50		
NL	7.6	462.1
cb	7.6	462.1
¼	7.6	462.1
℄	7.7	462.0
¼	7.5	462.2
cb	7.3	462.4
S.L.	7.1	462.6

Plotted 8-8-29-GBH

Erie

469.73

0+85

S.L.	5.8	463.9
cb	5.0	464.7
1/4	5.1	464.6
℄	6.4	463.3
1/4	7.4	462.3
cb	7.7	462.0
N.L.	7.6	462.1

1+15

N.L.	7.7	462.0
cb	7.8	461.9
1/4	7.8	461.9
℄	7.9	461.8
1/4	7.7	462.0
cb	7.7	462.0
S.L.	7.9	461.8

1+35

S.L.	6.5	463.2
cb	5.5	464.2
1/4	5.7	464.0
℄	6.8	462.9
1/4	7.6	462.1
cb	7.2	462.5
S.L.	5.9	463.8

Erie

32

1+65 469.73

N.L.	8.0	461.7
cb	8.0	461.7
1/4	8.0	461.7
℄	7.9	461.8
1/4	7.9	461.8
cb	7.9	461.8
S.L.	8.0	461.7

2+00

S.L.	7.9	461.8
cb	7.9	461.8
1/4	7.2	462.5
℄	5.7	464.0
1/4	4.9	464.8
cb	4.8	464.9
N.L.	6.3	463.4

2+25

N.L.	8.2	461.5
cb	8.1	461.6
1/4	8.1	461.6
℄	7.9	461.8
1/4	7.6	462.1
cb	7.5	462.2
S.L.	8.0	461.7

Erie

469.73

2+50		
S.L.	8.0	461.7
eb.	7.5	462.2
1/4	7.9	461.8
℄	7.8	461.9
1/4	6.7	463.0
eb	5.7	463.8
N.L.	6.4	463.3
2+80		
N.L.	8.4	461.3
eb	8.7	461.0
1/4	8.3	461.4
℄	8.0	461.7
1/4	7.9	461.8
eb	8.0	461.7
S.L.	8.4	461.3
3+00		
S.L.	8.2	461.5
eb	6.6	463.1
1/4	6.3	463.4
℄	6.2	463.5
1/4	7.1	462.6
eb	8.3	461.4
N.L.	8.3	461.4

Erie

469.73

33

3+20		
N.L.	9.2	460.5
eb	9.1	460.6
1/4	9.0	460.7
℄	9.0	460.7
1/4	8.9	460.8
eb	8.8	460.9
S.L.	8.4	461.3
3+50		
S.L.	6.8	462.9
eb	7.6	462.1
1/4	8.5	461.2
℄	7.6	462.1
1/4	6.7	463.0
eb	6.3	463.4
N.L.	6.8	462.9
3+70		
N.L.	9.3	460.4
eb	9.0	460.7
1/4	8.9	460.8
℄	8.8	460.9
1/4	8.6	461.1
eb	8.2	461.5
S.L.	7.9	461.8

Erie

469.73

4+00			
S.L.		8.4	461.3
cb		9.1	460.6
1/4		9.1	460.6
℄		8.9	460.8
1/4		9.0	460.7
cb		9.4	460.3
N.L.		8.6	461.1
4+50			
N.L.		8.7	461.0
cb		7.7	462.0
1/4		7.9	461.8
℄		8.6	461.1
1/4		9.4	460.3
cb		8.7	461.0
S.L.		8.5	461.2
5+00			
S.L.		9.8	459.9
cb		10.2	459.5
1/4		10.2	459.5
℄		10.3	459.4
1/4		10.4	459.3
cb		10.3	459.4
N.L.		10.0	459.7

Erie

5+25	469.73		
N.L.		9.3	460.4
cb		8.4	461.3
1/4		8.6	461.1
℄		9.4	460.3
1/4		9.9	459.8
cb		9.4	460.3
S.L.		10.2	459.5
T.P. 1.17	461.11	9.79	459.94
5+55			
S.L.		2.1	459.0
cb		2.5	458.6
1/4		2.7	458.4
℄		2.8	458.3
1/4		2.5	458.6
cb		2.2	458.9
N.L.		2.5	458.6
5+80			
N.L.		3.1	458.0
cb		2.9	458.2
1/4		1.4	459.7
℄		0.6	460.5
1/4		1.0	460.1
cb		1.9	459.2
S.L.		1.9	459.2

Erie

	461.11		
6+00			
S.L.		1.4	459.7
cb		2.4	458.7
¼		2.9	458.2
℄		3.0	458.1
¼		3.0	458.1
cb		2.8	458.3
N.L.		1.7	459.4
6+20			
N.L.		3.8	457.3
cb		2.8	458.3
¼		2.2	458.9
℄		1.9	459.2
¼		2.6	458.5
cb		3.1	458.0
S.L.		2.9	458.2
6+50			
S.L.		2.7	458.4
cb		4.1	457.0
¼		4.4	456.7
℄		4.0	457.1
¼		3.6	457.5
cb		4.0	457.1
N.L.		5.3	455.8

Erie

35

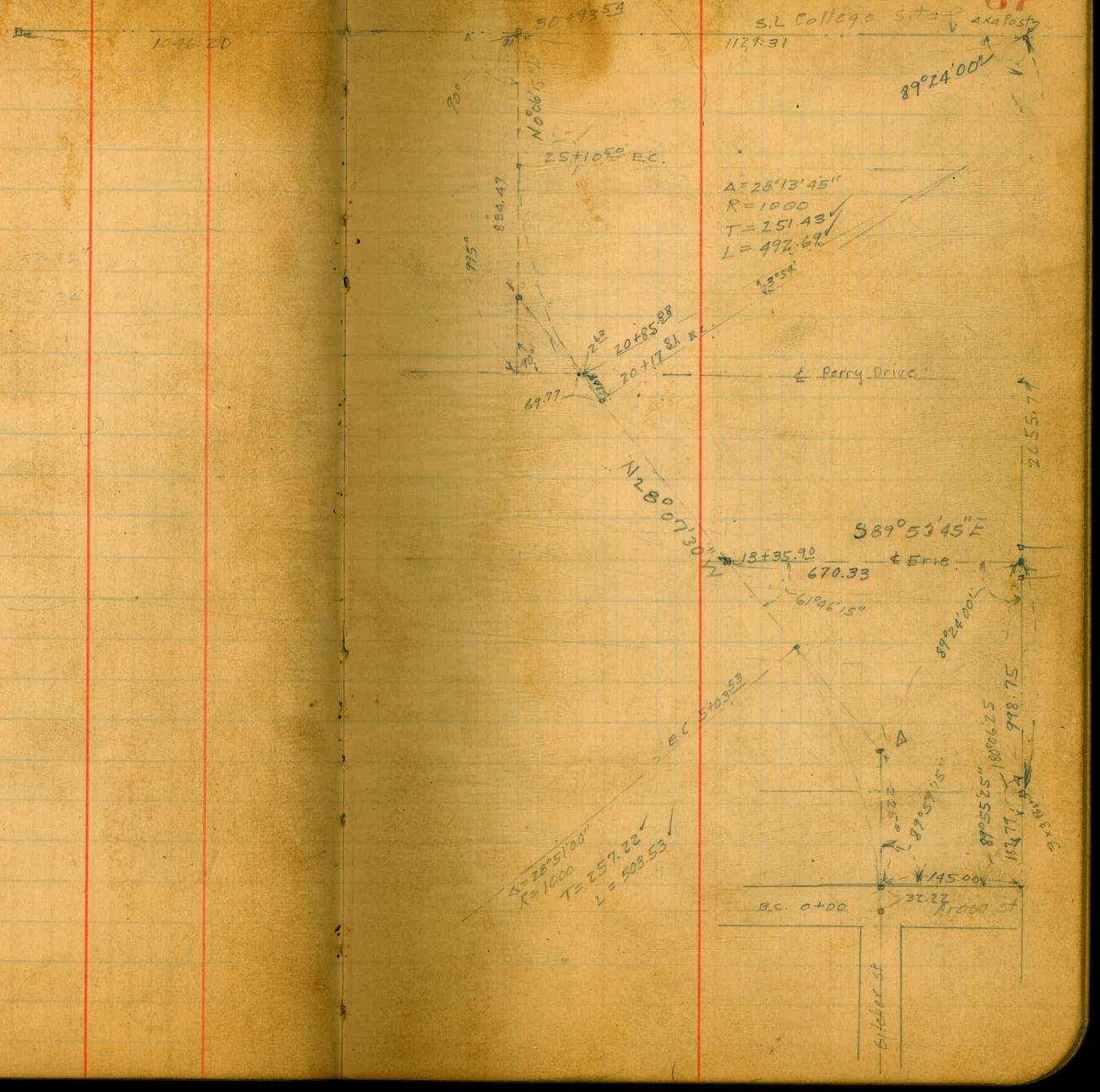
461.11

7+00		
N.L.	7.2	453.9
cb	6.7	454.4
¼	6.4	454.7
℄	6.9	454.2
¼	6.3	454.8
cb	4.7	456.4
S.L.	4.1	457.0
7+35		
S.L.	5.7	455.4
cb	5.5	455.6
¼	6.8	454.3
℄	8.0	453.1
¼	7.7	453.4
cb	7.1	454.0
N.L.	6.5	454.6
7+63.28 = P.C. N.E. 8ct (P3)		
N.L.	8.2	453.9
cb	9.3	451.8
¼	9.6	451.5
℄	9.3	451.8
¼	9.0	452.1
cb	8.3	452.8
S.L.	7.4	453.7

Erie

8+00 90		461.11		
S.L			10.2	450.9
cb			9.9	451.2
¼			10.3	450.8
℄			10.6	450.5
¼			10.9	450.2
eb			11.4	449.7
N.L.			11.5	449.6
8+25 11 = P.C. SE. return (P.3)				
3+45 int. with RL Gilcher.			10.7	450.4
cb			10.7	450.4
S.L.			11.5	449.6
B.M. Hub 15+10 ℄			10.82	450.29
Top FH SE Gilchers Area				
B.M	5.76	466.47		460.71
T.P.	4.91	467.99	3.39	463.08
T.P	5.53	469.08	4.44	463.55
B.P NW E Cafon & Gilcher.				
B.M			3.85	465.23 (465.27)

College Way (Extension of Gilkey St.)
"B" Line



X Sec. College Way from Sta 20+17.81 B.C. (P.37) to South Line of College Site.
to
100' wide Roadway 20' obs.

B.M	6.63	459.49	452.86	Hub ℄ 22+85.88 Ec "A" Line.
20+17.81 B.C.		10 Parts stationed on ℄		
		↪ See P. 42.		
E.L		7.0	452.5	
cb		7.4	452.1	
¼		7.5	452.0	
℄		7.7	451.8	
¼		7.9	451.6	
cb		7.5	452.0	
w.L.		7.0	452.5	
20+67.08				
w.L.		8.9	450.6	
cb		8.3	451.2	
¼		8.4	451.1	
℄		8.5	451.0	
¼		8.0	451.5	
cb		7.9	451.6	
+8		7.8	451.7	
F.L.		6.0	452.9	
20+85.88 = ℄ Perry Drive.				
E.L.		7.2	452.3	
+10		7.7	451.8	
cb		7.0	452.5	
¼		6.1	453.4	
℄		8.0	451.5	
¼		8.6	450.9	
cb		8.9	450.6	
w.L.		9.1	450.4	

21+16.35	459.49	
w.L.	8.9	450.6
cb	8.1	451.4
¼	8.3	451.2
℄	8.3	451.2
¼	7.7	451.8
cb	7.8	451.7
E.L.	7.4	452.1
21+65.62		
E.L.	6.0	453.5
+10	7.3	452.2
cb	7.6	451.9
¼	7.8	451.7
℄	8.0	451.5
¼	8.2	451.3
cb	8.4	451.1
w.L.	8.6	450.9
22+14.89		
w.L.	8.6	450.9
cb	8.3	451.2
¼	7.1	452.4
℄	6.1	453.4
¼	6.9	452.6
cb	7.3	452.2
F.L.	6.5	453.0

College Way 8/22/79 London

22+64 16	459.49			
E.L.		5.6	453.9	
cb		6.0	453.5	
¼		5.8	453.7	
℄		6.4	453.1	
+10		7.4	452.1	
¼		7.0	452.5	
cb		6.4	453.1	
W.L.		8.3	451.2	
B.M.	5.47	458.44	6.52	452.97 Hub P.1 obb. 22+64 16
23+13 13				
W.L.			6.6	451.8
cb			6.7	451.7
¼			6.9	451.5
℄			6.2	452.2
¼			5.0	453.4
cb			4.4	454.0
E.L.			5.0	453.4
23+62 20				
E.L.			6.2	452.2
cb			5.9	452.5
+10			6.2	452.2
¼			6.6	451.8
℄			6.6	451.8
¼			6.2	452.2
cb			6.7	451.7
W.L.			7.3	451.1

College Way

39

24+11 27	458.44		
W.L.		7.3	451.1
cb		7.6	450.8
¼		7.7	450.7
℄		7.5	450.9
¼		7.2	451.2
cb		6.7	451.7
E.L.		5.8	452.6
24+61 24			
E.L.		5.4	453.0
cb		5.2	453.2
¼		4.8	453.6
℄		5.8	452.6
¼		5.7	452.7
cb		7.5	450.9
W.L.		8.6	449.8
25+10 50 E.C.			
W.L.		7.3	451.1
cb		6.1	452.3
¼		4.8	453.6
℄		4.9	453.5
¼		4.3	454.1
cb		4.6	453.8
E.L.		4.6	453.8

College Way

458.44

25+50

E.L.	3.1	455.3
cb	4.6	453.8
¼	4.9	453.5
℄	4.9	453.5
¼	5.3	453.1
cb	5.6	452.8
+10	5.7	452.7
W.L.	6.7	451.7

26+00

W.L.	5.4	453.0
+10	6.4	452.0
cb	6.6	451.8
¼	5.8	452.6
℄	5.3	453.1
¼	4.8	453.6
+10	5.0	453.4
cb	4.7	453.7
E.L.	3.8	454.6

College Way

458.44

26+50

E.L.	5.6	452.8
+8	6.4	452.0
cb	6.4	452.0
¼	6.6	451.8
℄	6.5	451.9
¼	6.3	452.1
cb	6.3	452.1
W.L.	6.9	451.5

27+00

W.L.	5.1	453.3
cb	6.2	452.2
¼	6.0	452.4
℄	4.7	453.7
¼	4.3	454.1
cb	5.4	453.0
E.L.	6.9	451.5

27+50

E.L.	4.6	453.8
cb	5.6	452.8
¼	5.9	452.5
℄	5.6	452.8
¼	6.1	452.3
cb	6.5	451.9
W.L.	7.3	451.1

College way

28+00	458.44			
W.L.			7.2	451.2
cb			6.7	451.7
¼			6.1	452.3
℄			5.3	453.1
¼			5.9	452.5
cb			6.9	451.5
E.L.			6.9	451.5
T.P.	8.52	458.31	3.65	454.79
28+50				
E.L.			6.9	451.4
℄			4.8	453.5
¼			5.5	452.8
℄			6.6	451.7
¼			6.7	451.6
cb			6.1	452.2
W.L.			7.5	450.8
29+00				
W.L.			7.6	450.7
cb			7.4	450.9
¼			7.5	450.8
℄			7.5	450.8
¼			7.3	450.0
cb			7.5	450.8
E.L.			7.6	450.7

College way

458.31

41

29+50		
E.L.	7.1	451.2
cb	8.2	450.1
¼	8.1	450.2
℄	7.3	451.0
¼	7.9	450.4
cb	8.0	450.3
W.L.	7.2	451.1
30+00		
W.L.	8.6	449.7
cb	8.3	450.0
¼	7.2	451.1
℄	7.2	451.1
¼	8.6	449.7
cb	8.6	449.7
E.L.	8.4	449.9
30+50		
E.L.	9.1	449.2
cb	9.2	449.1
¼	8.8	449.5
℄	8.4	449.9
¼	8.2	450.1
cb	8.2	450.1
W.L.	8.6	449.7

College Way

458.31

W.L.			9.2	449.1	
cb			7.7	450.6	
¼			8.3	450.0	
℄			8.7	449.6	
¼			8.1	450.2	
cb			8.0	450.3	
E.L.			9.3	449.0	
B.M	S.L. College Site Hub & College Way		8.65	44966	
T.P.	5.96	458.38	6.89	452.42	
B.M.	Beginning		5.55	452.83	(452.86)

College Way

X Sec College Way from Sta. 19+55 Inward 0+00. 80' wide 40' Rdway 20' cbs.

42

B.M. 399 456.85 452.86

19+55 See P 38

W.L.	4.4	452.5
cb	3.9	453.0
¼	3.5	453.4
℄	3.6	453.3
¼	4.3	452.6
cb	4.5	452.4
E.L.	3.9	453.0
19+00		
E.L.	3.8	453.1
cb	4.4	452.5
¼	4.4	452.5
℄	4.4	452.5
¼	4.7	452.2
cb	5.2	451.7
W.L.	6.6	450.3
18+50		
10 W	9.0	447.9
W.L.	7.9	449.0
cb	7.4	449.5
¼	7.4	449.5
℄	6.9	450.0
¼	6.1	450.8
cb	4.9	452.0
E.L.	4.5	452.4

College Way

456.85

18+05			
E.L.		5.8	451.1
cb		5.7	451.2
1/4		7.5	449.4
℄		9.9	447.0
1/4		11.3	445.6
cb		13.5	443.4
w.l.		17.2	439.7
20W		20.5	436.4
17+75			
20W.		26.0	430.9
w.L.		21.7	435.2
cb.		17.4	439.5
1/4		15.8	441.1
℄		15.2	441.7
1/4		12.9	444.0
cb		11.2	445.7
EL		7.4	449.5
17+55			
E.L.		10.1	446.8
cb		15.0	441.9
1/4		16.5	440.4
℄		18.4	438.5
1/4		20.5	436.4
cb		23.2	433.7

College Way

12.97 17+55

43

17+55	456.85		
w.L.		29.0	427.9
30W		35.0	421.9
Bivet Stone 20'E. of 17+55			
T.P. 0.22	444.10	12.97	443.88
17+25			
50W		31.5	412.6
20W		26.7	417.4
W.L.		22.5	421.6
cb		13.2	430.9
1/4		8.8	435.3
℄		7.2	436.9
1/4		6.1	438.0
cl		5.7	438.4
+1.0		5.0	439.1
E.L.		11.8	439.3
17+00			
10E		8.3	435.8
E.L.		10.1	434.0
cb		11.0	433.1
1/4		11.4	432.7
℄		12.5	431.6
1/4		14.3	429.8
cb		18.1	426.0
W.L.		26.0	418.0
20W		31.2	412.9
50W		34.6	409.5

College Way

1.6+70		444.10		
5.0 W			30.6	413.5
7 W			34.1	410.0
W.L.			32.1	412.0
cb			28.0	416.1
¼			26.0	418.1
℄			24.0	420.1
¼			22.8	421.3
cb			21.5	422.6
+10			21.4	423.7
E.L.			18.2	425.9
20 E			12.7	431.4
T.P.	0.14	431.47	12.77	431.33
16+50				
30 E			4.4	427.1
20 E			7.0	424.5
E.L.			10.4	421.1
cb			14.4	417.1
¼			16.3	415.2
℄			16.4	415.1
¼			16.4	415.1
cb			16.8	414.7
W.L.			17.6	413.9
20 W			14.6	416.9
30 W			13.6	417.9

College Way

44.

16+40		431.47		
30 W			10.3	421.2
20 W			11.1	420.4
W.L.			13.4	418.1
cb			14.6	416.9
¼			14.9	416.6
℄			14.7	416.8
¼			13.6	417.9
cb			13.0	418.5
E.L.			13.2	418.3
20 E			9.8	421.7
30 E			5.7	425.8
16+15				
20 E			2.6	428.9
E.L.			0.3	431.2
cb			1.9	429.6
¼			2.7	4288
℄			3.6	427.9
¼			3.6	427.9
cb			4.3	4272
W.L.			2.5	429.0
20 W			3.1	4284
T.P.	12.134	443.67	0.14	431.33

15+85	443.67			
20W			7.6	436.1
5W			6.1	437.6
W.L.			5.8	437.9
eb			6.6	437.1
¼			5.8	437.9
℄			4.2	439.5
¼			3.9	439.8
cb			5.9	437.8
+10			7.4	436.3
E.L.			7.6	436.1
10E			8.2	435.5
20E			10.9	432.8
15+60				
20E			7.6	336.1
E.L.			4.1	439.6
eb			3.1	440.6
¼			2.3	441.4
℄			2.1	441.6
¼			1.7	442.0
cb			1.2	442.5
W.L.			1.2	442.5
10W			1.9	441.8
TP	13.10	456.30	0.47	443.20

15+27	456.30		
W.L.		8.1	448.2
cb		7.0	449.3
¼		7.0	449.3
℄		8.1	449.2
¼		7.6	448.7
cb		8.6	447.7
E.L.		10.4	445.9
15+00			
E.L.		5.8	450.5
+10		5.2	451.1
cb		5.6	450.7
¼		6.1	450.2
℄		5.6	450.7
¼		4.8	451.5
cb		4.6	451.7
W.L.		6.4	449.9
10+50			
W.L.		5.1	450.2
+12		4.0	452.3
cb		3.8	452.5
¼		3.9	452.4
℄		4.9	451.4
¼		5.3	451.0
cb		4.4	451.9
+10		4.1	452.2
E.L.		4.4	451.9

College Way

14+25	456.30			
E.L.		4.2	452.1	
+10		3.2	453.1	
eb		3.7	452.6	
¼		4.3	452.0	
℄		4.4	451.9	
¼		4.5	451.8	
eb		4.6	451.7	
W.L.		4.5	451.8	
14+00				
W.L.		4.3	452.0	
eb		3.1	453.2	
¼		1.6	454.7	
℄		0.7	455.6	
¼		1.1	455.2	
eb		2.3	454.0	
+8		2.1	454.2	
E.L		0.7	455.6	
T.P.		0.29	456.01	
15+10.29 "A" Line EC Hub ℄ BM.		5.95	450.35 (450.36)	
T.P.	9.72	465.73	456.01	

College Way

46

465.73

13+35.20 = ℄ Erie			
EL	9.1	456.6	
+10	8.9	456.8	
eb	9.0	456.1	456.2 "A"
℄	9.3	456.4	
¼	8.6	457.1	
eb	9.2	456.5	
W.L.	11.6	454.1	
B.M. Hub ℄ Erie ℄ Collegeway	9.26	456.47	
13+00			
W.L.	9.1	456.6	
+10	9.2	456.5	
eb	7.9	457.8	
+5	7.3	458.4	
¼	7.2	458.5	
℄	8.1	457.6	
+7	8.7	457.0	
¼	8.5	457.2	
eb	7.0	458.7	
+7	6.5	459.2	
E.L	7.8	457.9	

College Way

465.73

12 +50

E.L.	7.6	458.1
eb	7.6	458.1
¼	7.0	458.7
℄	7.6	458.1
¼	8.5	457.2
eb	8.9	456.8
+15	7.0	458.7
W.L.	6.7	459.0
12 + 22		
W.L.	6.8	458.9
+13	8.1	457.6
eb	7.1	458.6
¼	5.2	460.5
℄	4.7	461.0
¼	5.4	460.3
eb	6.7	459.0
+15	4.4	461.3
E.L.	4.4	461.3

College Way

465.73

47

11+90

E.L.	6.4	459.3
eb	6.7	459.0
¼	6.7	459.0
℄	6.5	459.2
¼	6.5	459.2
eb	7.2	458.5
W.L.	7.1	458.6
11+35		
W.L.	5.0	460.7
eb	6.6	459.1
¼	6.0	459.7
℄	5.0	460.7
¼	5.4	460.3
eb	6.0	459.7
E.L.	6.1	459.6
11+00		
E.L.	5.8	459.9
eb	5.9	459.8
¼	5.2	460.1
℄	5.5	460.2
¼	5.3	460.4
eb	5.9	459.8
W.L.	6.8	458.9

College Way

465.73

10+67		
W.L.	6.5	459.2
cb	6.6	459.1
1/4	6.3	459.4
℄	5.7	460.0
1/4	5.6	460.1
cb	5.8	459.9
E.L.	5.9	459.8
10+45		
E.L.	5.8	459.9
+10	5.9	459.8
cb	5.0	460.7
1/4	3.7	462.0
℄	3.6	462.1
1/4	5.2	460.5
cb	6.4	459.3
+10	6.3	459.4
W.L.	5.2	460.5
10+00		
W.L.	6.0	459.7
cb	3.7	462.0
1/4	4.4	461.3
℄	6.0	459.7
1/4	6.4	459.3
cb	6.2	459.5
E.L.	5.4	460.3

College Way

465.73

9+50		
E.L.	6.1	459.6
cb	6.3	459.4
1/4	6.6	459.1
℄	6.7	459.0
1/4	6.8	458.9
cb	5.9	459.8
+10	5.4	460.3
W.L.	6.2	459.5
9+00		
W.L.	5.5	460.2
cb	7.0	458.7
1/4	7.4	458.3
℄	6.4	459.3
1/4	5.3	460.4
cb	5.7	460.0
+10	6.6	459.1
E.L.	6.1	459.6

X Sec. Erie st from ℄ of College Way to E.L Lot 21.
50' wide 10' ebs 30' Rdway.

B.M.	11.10	467.57		456.47	N.b & Erie & College Way
0+00 = ℄ College Way					
S.L			12.0	455.6	
eb			11.6	455.8	
+5			11.4	456.2	
1/4			11.3	456.3	
℄			11.1	456.5	
1/4			11.7	455.9	
eb			12.3	455.3	
N.L.			12.2	455.4	
0+25					
N.L.			11.2	456.4	
eb			11.5	456.1	
1/4			10.7	456.9	
℄			9.3	458.3	
1/4			9.2	458.4	
+25			9.2	458.4	
eb			9.5	458.1	
S.L.			10.6	457.0	

Erie

49

0+50	467.57		
S.L		9.5	458.1
eb		9.3	458.3
+5		9.3	458.3
1/4		9.5	458.1
℄		9.8	457.8
1/4		9.8	457.8
eb		9.7	457.9
N.L.		10.2	457.4
0+75			
N.L.		9.7	457.9
eb		8.9	458.7
1/4		9.4	458.2
℄		9.1	458.5
1/4		8.1	459.5
+25		7.9	459.7
eb		7.9	459.7
S.L.		8.9	458.7
1+00			
S.L		8.5	459.1
eb		8.1	459.5
+5		8.1	459.5
1/4		8.4	459.2
℄		9.3	458.3
1/4		8.6	458.0
eb		9.0	458.6
N.L.		8.5	459.1

Erie

467.57

1+25			
N.L.		9.0	458.6
c b		7.4	460.2
¼		6.4	461.2
℄		6.6	461.0
¼		7.3	460.3
+2.5		7.6	460.0
c b		7.6	460.0
S.L.		7.7	459.9
1+50			
S.L.		7.4	460.2
c b		7.8	459.8
+5		7.1	460.5
¼		6.7	460.9
℄		6.5	461.1
¼		6.4	461.2
c b		7.6	460.0
N.L.		8.8	458.8
1+75			
N.L.		7.0	460.6
c b		7.1	460.5
¼		7.7	459.9
℄		8.1	459.5
¼		8.1	459.5
+2.5		8.0	459.6
c b		7.9	459.7
S.L.		8.0	459.6

Erie

50

2+00	467.57		
S.L.		7.8	459.8
c b		7.4	460.2
+5		7.0	460.6
¼		6.8	460.8
℄		6.0	461.6
¼		5.3	462.3
+5		5.5	462.1
c b		5.8	461.8
N.L.		7.9	459.7
2+25			
N.L.		8.0	459.6
c b		7.5	460.1
¼		7.0	460.6
℄		6.8	460.8
¼		7.1	460.5
+2.5		7.1	460.5
c b		7.1	460.5
S.L.		5.7	461.9
2+50			
S.L.		7.1	460.5
c b		6.4	461.2
+5		5.8	461.8
¼		5.6	462.0
℄		5.7	461.9
¼		7.0	460.6
c b		6.9	460.7

Erie

467.57

2+50			
N.L.		6.1	461.5
2+75			
N.L.		6.8	460.8
c b		7.2	460.4
1/4		7.2	460.4
℄		7.1	460.5
1/4		6.8	460.8
+25		6.9	460.7
c b		6.9	460.7
S.L.		6.7	460.9
3+00			
S.L.		5.9	461.7
c b		6.5	461.1
+5		6.6	461.0
1/4		6.7	460.9
℄		6.6	461.0
1/4		6.6	461.0
c b		6.8	460.8
N.L.		7.2	460.4

Erie

467.57

51

3+25		
N.L.	6.5	461.1
c b	5.6	462.0
1/4	4.1	463.5
℄	4.4	463.2
1/4	5.4	462.2
+25	5.9	461.7
c b	6.2	461.4
S.L.	4.8	462.8
3+50		
S.L.	6.6	461.0
c b	6.5	461.1
+5	6.5	461.1
1/4	6.6	461.0
℄	6.7	460.9
1/4	7.0	460.6
c b	7.0	460.6
N.L.	7.0	460.6
3+75		
N.L.	4.8	462.8
c b	6.3	461.3
1/4	6.1	461.5
℄	4.7	462.9
1/4	4.1	463.5
+25	4.1	463.5
c b	4.3	463.3
S.L.	5.3	462.3

Erie

467.57

4+00			
S.L.		4.9	462.7
cb		4.8	462.8
+5		5.5	462.1
1/4		5.8	461.8
℄		6.1	461.5
1/4		6.1	461.5
cb		6.2	461.4
N.L.		6.4	461.2
4+25			
N.L.		5.2	462.4
cb		3.9	463.7
1/4		4.0	463.6
℄		4.9	462.7
1/4		5.9	461.7
+25		6.1	461.5
cb		6.1	461.5
S.L.		6.1	461.5
4+50			
S.L.		5.7	461.9
cb		5.5	462.1
+5		5.6	462.0
1/4		5.6	462.0
℄		5.4	462.2
1/4		5.6	462.0
cb		5.9	461.7
N.L.		5.9	461.7

Erie

467.57

52

4+75			
N.L.		5.1	462.5
cb		3.4	464.2
1/4		3.0	464.6
℄		3.4	464.2
1/4		4.3	463.3
+25		4.8	462.8
cb		5.6	462.0
S.L.		5.7	461.9
5+00			
S.L.		5.8	461.8
cb		5.6	462.0
+5		5.7	461.9
1/4		5.8	461.8
℄		5.8	461.8
1/4		5.8	461.8
cb		5.7	461.9
N.L.		5.9	461.7
5+25			
N.L.		3.3	4643
cb		4.7	462.9
1/4		5.6	462.0
℄		5.1	462.5
1/4		3.7	463.7
+25		3.5	4641
cb		3.3	4643
S.L.		4.2	463.4

5+50

S.L.	5.5	462.1
cb	5.2	462.4
+5	5.2	462.4
1/4	5.5	462.1
℄	5.6	462.1
1/4	5.8	461.8
cb	5.7	461.9
N.L.	5.1	462.5

5+75

N.L	5.5	462.1
cb	5.6	462.0
1/4	5.2	462.2
℄	4.3	463.3
1/4	2.7	464.9
+25	2.5	465.1
cb	2.4	465.2
S.L	3.1	464.5

6+00

S.L.	5.4	462.2
cb	5.2	462.4
+5	5.4	462.2
1/4	5.5	462.1
℄	5.6	462.0
1/4	5.7	461.9
cb	5.5	462.1
N.L	5.5	462.1

6+40

N.L.	4.9	462.7
cb	3.7	463.9
1/4	3.6	464.0
℄	4.4	463.2
1/4	4.9	462.7
+25	4.7	462.9
cb	3.9	463.7
S.L.	3.2	464.4

6+70.33 = EL Lot 22.

S.L.	5.3	462.3
cb	5.4	462.2
+5	5.5	462.1
1/4	5.2	462.4
℄	5.1	462.5
1/4	5.3	462.3
cb	5.4	462.2
N.L	5.0	462.6

X sec. College Way from 0+00 to 9+00
80' wide 20' cbs 40' Rdway

in Arosa St.

B.M	198	462.69	460.71	Top F Hyd SE Corner Arosa.
0+00				cv in 15 parts stationed on ℄
E.L.			5.4	457.3
cb			5.1	457.6
¼			4.8	457.9
℄			4.5	458.2
¼			4.5	458.2
cb			5.1	457.6
W.L.			4.8	457.9
0+33.57				
W.L.			3.7	458.8
+12			4.1	458.6
+14			4.9	457.8
cb			5.2	457.5
¼			5.3	457.4
℄			5.3	457.4
¼			5.3	457.4
cb			5.5	457.2
+1			5.5	456.2
+3			5.1	457.6
E.L.			5.9	456.8

8/24/22
Loulon.

College Way

462.69

54

0+67.14		
20E	21.1	441.6
E.L.	16.5	446.2
cb	12.7	450.0
¼	10.2	452.5
℄	9.0	453.7
+7	5.4	457.3
¼	5.1	457.6
cb	5.0	457.7
+18	4.6	458.1
W.L	3.8	458.9
1+00.71		
W.L	5.9	456.8 ~~466.8~~
+2	5.9	~~456.8~~ 466.8
+11	9.0	453.7
cb	10.9	451.8
¼	12.8	449.9
℄	15.2	447.5
¼	17.4	445.3
cb	20.1	442.6
E.L	25.1	437.6
20E	29.0	433.7

College Way

1+34 28		A62.69		
30E			39.2	423.5
15E			33.0	429.7
E.L.			29.9	432.8
cb			25.3	437.4
¼			23.0	439.7
℄			20.3	442.4
¼			18.5	444.2
cb			16.4	446.3
WL			12.3	450.4
TP	0.11	449.88	12.92	449.77
1+67 85				
WL			4.2	445.7
cb			6.3	443.6
¼			8.0	441.9
℄			10.2	439.7
¼			12.0	437.9
cb			13.6	436.3
E.L.			18.5	431.4
5E			19.5	430.4
30E			27.2	422.7

College Way

55

2+01 42		449.88		
30E			29.6	420.3
15E			25.1	424.8
5E			21.8	428.1
E.L.			20.7	429.2
cb			17.3	432.6
¼			15.6	434.3
℄			13.3	436.6
¼			12.0	437.9
cb			10.9	439.0
WL			8.6	441.3
2+34 99 ✓				
WL			11.9	438.0
+10			12.7	437.2
TP	0.20	436.99	13.09	436.79
cb			2.5	434.5
¼			3.6	433.4
℄			5.0	432.0
¼			6.0	431.0
cb			7.0	430.0
+17			10.3	426.7
E.L.			11.6	425.4
30E			10.0	417.0
40E			24.0	413.0

College Way

2+68 56		436.99		
40 E			28.0	409.0
E.L.			16.6	420.4
33 cb			11.7	425.3
33-1/4			8.7	428.3
℄			7.7	429.3
1/4			6.2	430.8
cb			5.4	431.6
W.L.			3.2	433.8
3+62 13				
W.L.			7.0	430.0
cb			6.8	430.2
34 1/4			7.3	429.7
℄			8.7	428.3
1/4			11.6	425.4
cb			15.6	421.4
E.L.			22.3	414.7
40 E.			31.0	406.0
T.P.	0.12	424.05	13.06	423.93

College Way

56

3+35 20		424.05		
50 E			22.6	401.5
12 E			18.2	405.9
E.L.			15.8	408.3
cb			11.9	412.2
W 1/4			9.1	415.0
W- ℄			7.2	416.9
1/4			5.3	418.8
cb			3.1	421.0
W.L.			1.5	422.6
10 W			1.2	422.9
3+69 27				
15 W			9.6	414.5
W.L.			11.1	413.0
T.P. 0.42		411.58	12.89	411.16
W cb			1.5	410.1
4- 1/4			3.3	408.3
℄			5.0	406.6
1/4			7.0	404.6
cb			10.0	401.6
E.L.			13.1	398.5
30 E			16.7	394.9
50 E			13.0	398.6

College Way

4+02 89	411.58		
50E		12.2	399.4
30E		15.5	396.1
E.L.		16.6	395.0
cb		18.0	393.6
¼		16.8	394.8
℄		15.5	396.1
¼		14.5	397.1
cb		14.7	396.9
W.L.		13.5	398.1
40W		12.5	399.1
4+36 41			
50W		20.9	390.7
W.L.		19.6	392.0
cb		19.2	392.4
¼		19.0	392.6
℄		17.7	393.9
¼		16.0	395.6
cb		14.5	397.1
E.L.		12.1	399.5
25E		9.8	401.8
50E		9.6	402.0

College Way

57

4+67 98	411.58		
30E		2.2	409.4
E.L.		6.7	404.9
cb		9.1	402.5
¼		11.2	400.4
℄		13.6	398.0
¼		15.0	396.6
cb		15.7	395.9
W.L.		17.2	394.4
30W		22.4	389.2
50W		23.1	388.5
5+03 53 E.C.			
20W		7.7	403.9
W.L.		6.9	404.7
cb		6.2	405.4
¼		7.0	404.6
℄		8.3	403.3
¼		6.5	405.1
cb		5.0	406.6
E.L.		1.5	410.1
20E		+1.8	413.4
T.P. 12.89	424.16	0.31	411.27
T.P. 12.79	436.54	0.41	423.75

5+63		436.54		
E.L.			6.5	430.0
cb			10.2	426.3
¼			11.8	424.7
℄			9.5	427.0
¼			8.1	428.4
cb			7.1	429.4
W.L.			6.0	430.5
T.P.	12.45	448.83	0.16	436.38
6+10				
W.L.			12.9	435.9
cb			11.1	437.7
¼			10.5	438.3
℄			10.1	438.7
¼			11.2	437.6
cb			11.2	437.6
E.L.			10.8	438.0
T.P.	12.80	461.63	0.00	448.83
7+00				
E.L.			9.4	452.2
cb			7.7	454.9
¼			7.9	453.7
℄			8.6	453.0
¼			10.0	461.6
cb			10.7	450.9
W.L.			11.8	449.8

461.63

7+60		
W.L.	5.6	456.0
+15	5.0	456.6
cb	5.8	455.8
¼	5.3	456.3
℄	4.3	457.3
¼	4.5	457.1
cb	5.6	456.0
E.L.	5.6	456.0
8+00		
E.L.	4.2	457.4
cb	3.6	458.0
¼	4.2	457.4
℄	4.9	456.7
¼	5.1	456.5
cb	5.2	456.4
W.L.	4.8	456.8
8+50		
W.L.	2.6	459.0
cb	3.9	457.7
¼	2.3	459.3
℄	1.8	459.8
¼	2.9	458.7
cb	3.2	458.4
E.L.	3.3	458.3

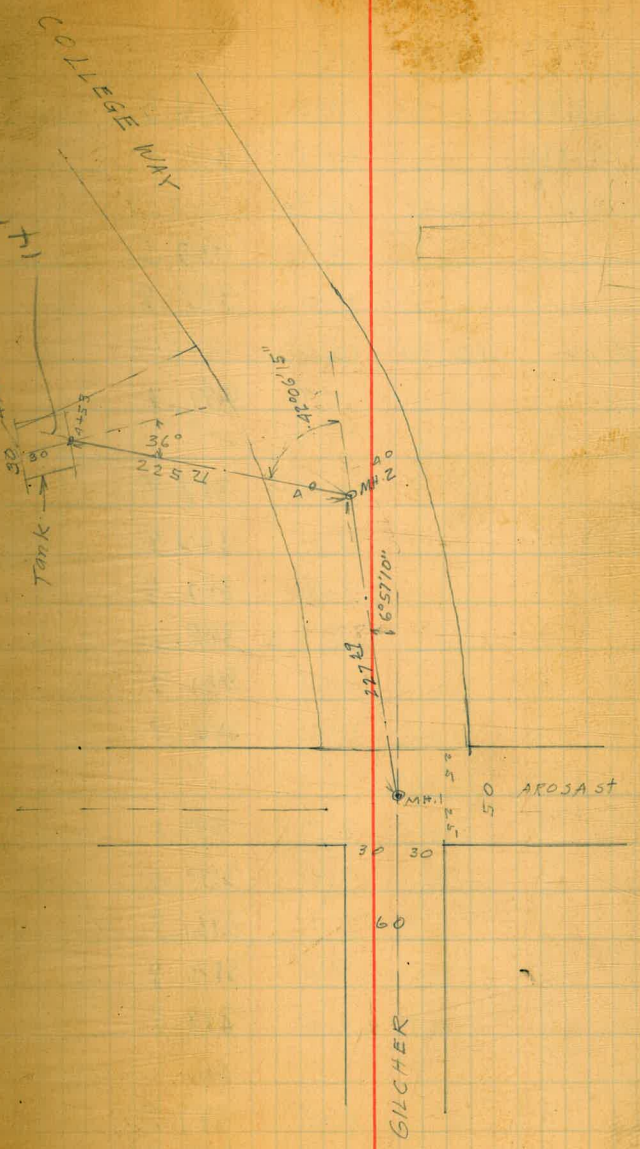
9+00 on P 48

Sewer Line from Arosa st to tank West of Collegeway in Canyon.

9/27/29 Loudon.

B.M	0.00	460.71		460.71
0+00	=MH.1		2.7	458.0
0+16			3.8	456.9
0+25			3.4	457.3
+50			3.1	457.6
+58			3.4	457.3
+66			7.3	453.4
+70			7.9	452.8
1+05			13.9	446.8
T.P.	0.30	448.03	12.98	447.73
+40			5.7	442.3
+50			5.4	442.6
+56			6.0	442.0
+69			9.6	438.4
+90			10.7	437.3
+97			11.3	436.7
T.P.	0.01	435.09	12.95	435.08
2+27.29	=MH 2		3.3	431.8
2+60			3.4	431.7
+80			3.1	432.0
3+10			5.5	429.6
3+30			8.9	426.2
T.P.	0.09	422.21	12.97	422.12
3+50			1.3	420.9
3+62			4.9	417.3
+70			6.4	415.8

Top F.H. SE Gilcher & Arosa



Sewer Profile (Con't)

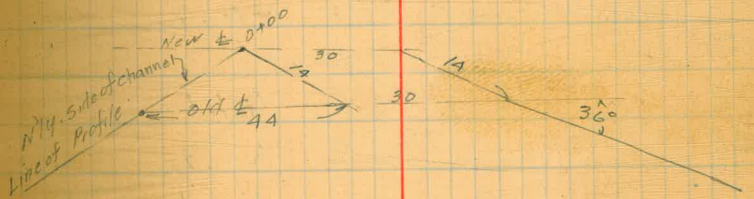
		422.21		
3+77			7.7	414.5
+90			12.1	410.1
T.P.	0.06	409.33	12.94	409.27
4+10			5.7	403.6
+30			11.5	397.8
T.P.	0.32	396.80	12.85	396.48
4+45			5.6	391.2
A+53				
15R			7.9	388.9
10R			9.0	387.8
5R			9.4	387.4
℄			8.7	388.1
6L			6.5	390.3
15L			1.9	394.9
A+68				
15L			3.7	393.1
4L			9.8	387.0
℄			9.9	386.9
4R			9.0	387.8
15R			8.3	388.5
4+83				
15R			8.5	387.3
13R			9.3	387.5
4R			9.6	387.2
℄			10.7	386.1
2L			10.6	386.2

Sewer Profile

396.80

5L		7.7	389.1
15L		3.6	393.2

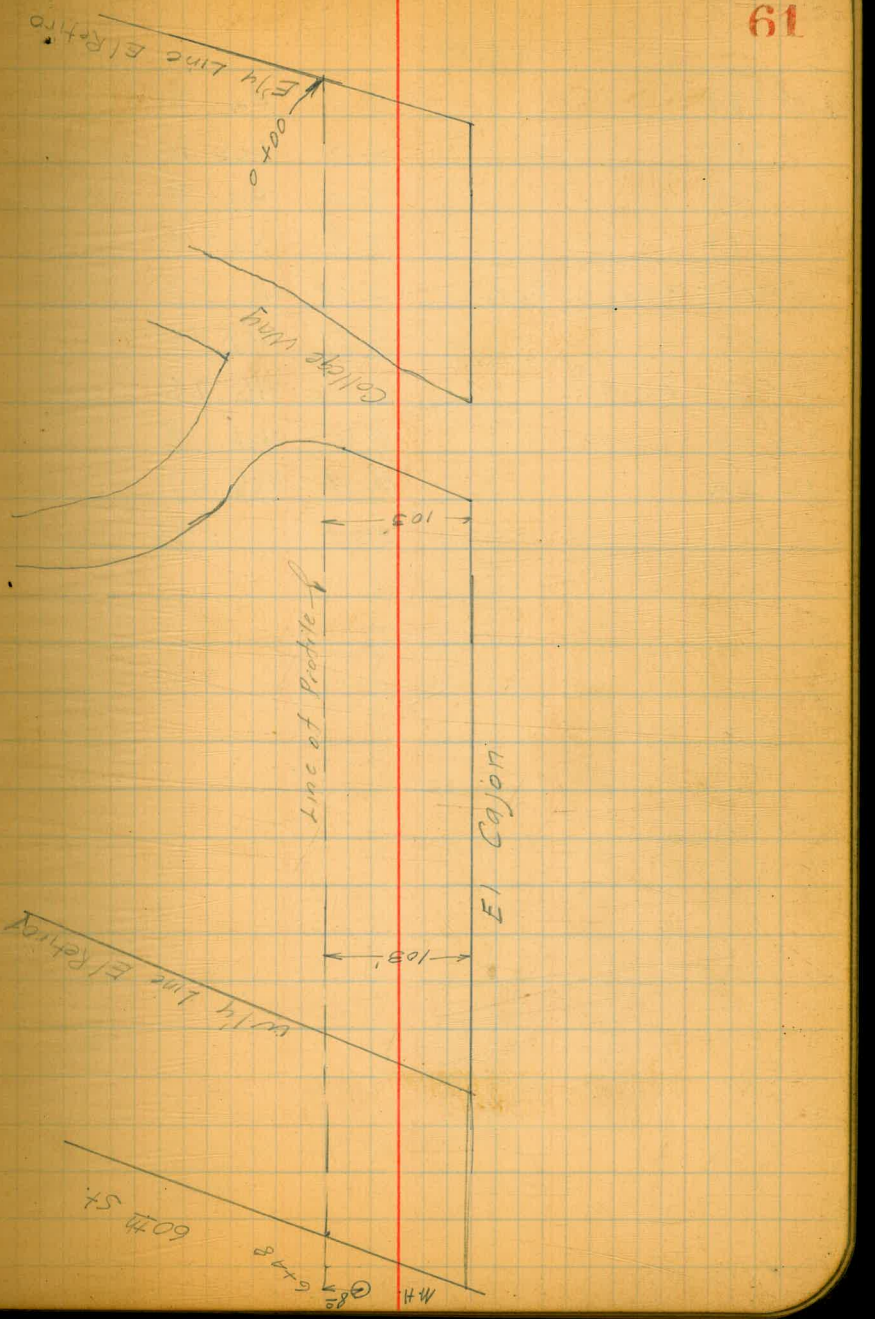
Additional Elevs. for Tank



	Bk.			
4+53	℄ 7.4	39	5.5	388.1
0+00			8.3	387.2
+10			9.2	386.3
+20			9.7	385.8
+30			10.2	385.3
+40			10.5	385.0
+50			10.5	385.0
+70			11.4	384.1
+77			13.0	382.5

Profile of Line for sewer in Lots 6, 7 & 3 El Retiro 10/9/29 Loudon:

B.M. = El. y Line El Retiro.	5.87	471.14		465.27	B.M. N 61/2 in & College Way.
0+00			7.1	464.0	
0+50			8.0	463.1	
0+65			8.0	463.1	
1+00			7.3	463.8	
+50			7.5	463.6	
+60			7.2	463.9	
1+74 90	= E of College Way		6.93	464.21	
1+74 90	out		7.8	463.3	
2+00			6.8	464.3	
+50			6.8	464.3	
2+82 20			6.7	464.4	
2+82 70	W of College Way		6.50	464.6	
2+91			6.3	464.8	
2+92			5.2	465.9	
3+00			5.1	466.0	
+50			5.3	465.8	
4+00			5.2	465.9	
+50			5.2	465.9	
+86			5.7	465.4	
+90			5.2	465.9	
5+00			5.1	466.0	
+50			5.2	465.9	
6+00			5.3	465.8	
T.P.	6.04	471.86	5.32	465.82	



		471.86		
6+50			5.5	466.4
7+00			5.3	466.6
+50			5.0	466.9
8+00			4.8	467.1
8+29 TO	= Feb 60th St.		5.29	466.57
got			5.87	465.99
8+48 =	℄ 60th		5.66	466.20
tob M.H.			5.67	466.19
FL MH			13.19	458.67
B.M			6.61	465.25

B.P. N.W. El Cajon & 55th B.M.	12.94	435.25		422.31	Rec.
T.P.	12.82	447.34	0.73	434.52	
B.P. N.E. El Cajon & 56th B.M.			9.45	437.89	
T.P.	12.85	460.13	0.06	447.28	
B.P. N.W. El Cajon & El Cerrito B.M.			2.67	457.46	Rec. (457.43)
T.P.	12.93	472.99	0.07	460.06	
B.P. N.W. El Cajon & 58th B.M.	7.74	479.16	1.57	471.42	Corrected El. (471.34)
T.P.	0.51	472.11	7.56	471.60	
B.P. N.W. El Cajon & 59th B.M.			5.66	466.45	Corrected El. (466.40)
T.P.	5.60	471.56	6.15	465.96	
T.P.	4.00	471.30	4.26	467.30	
B.P. N.W. El Cajon & College Way B.M.			5.81	465.49	Corrected El. (465.41)
B.M.	5.81	471.30		465.49	
T.P.	4.09	471.57	3.82	467.48	
T.P.	7.50	473.47	5.60	465.97	
T.P.	5.25	478.49	0.23	473.24	
T.P.	0.74	467.19	12.06	466.43	
El Cajon & El Cerrito. B.M.			9.63	457.54	4.08 High.

467.17
0.73
466.44
12.53
478.97
5.54
473.43
1.30
474.73
8.25 - B.M
466.48
474.73
9.33
465.40
6.00
471.40
4.33
467.07
4.29
471.36
5.87
465.49

Profile for Culvert on opp Page.

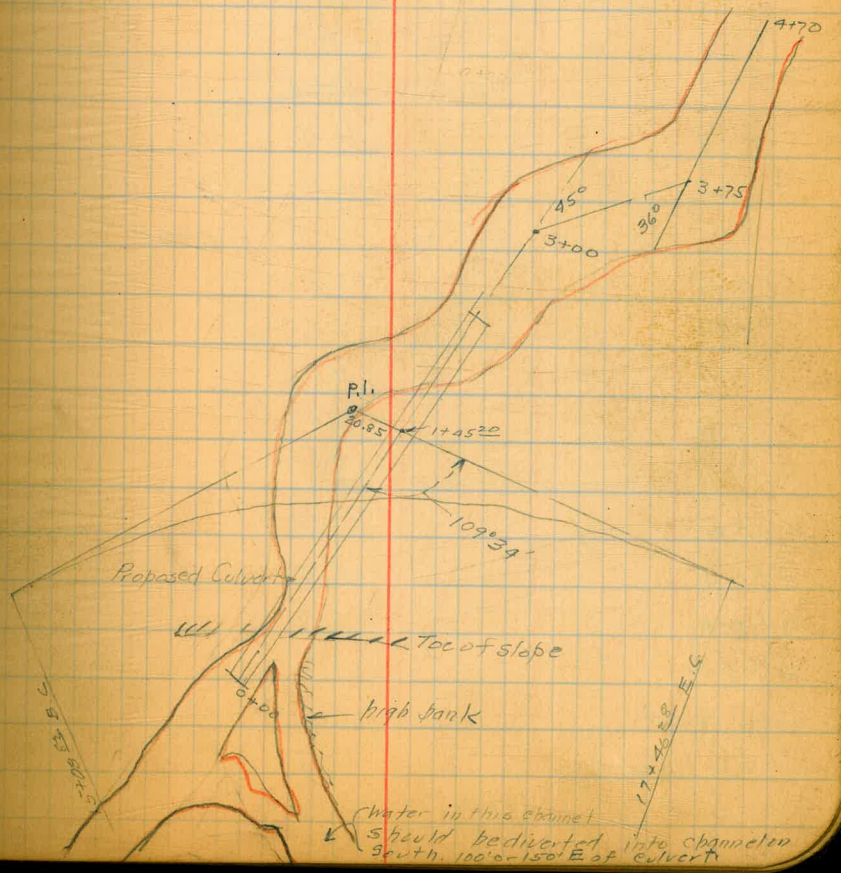
B.M.	2.03	269.89		267.86	Hub ℄ 17+46.2 E.C.
0+00			13.0		
T.P.	2.85	260.27	12.47	257.42	
0+32			4.6		
+42			3.7		
+71			5.3		
+80			4.5		
1+00			4.2		
+45			5.4		
+70			6.1		
2+01			6.8		
+02			8.9		
+35			9.4		
+70			10.7		
3+00	L.		10.6		
+35			12.4		
+75	L.		13.7		
4+00			14.6		
+35			14.6		
4+70	end.		16.0		

12/19/29 Loudon.

Culvert Location 54th St Ext.

(See Book 1364)

61



Profile of line AB

P.I College Way.

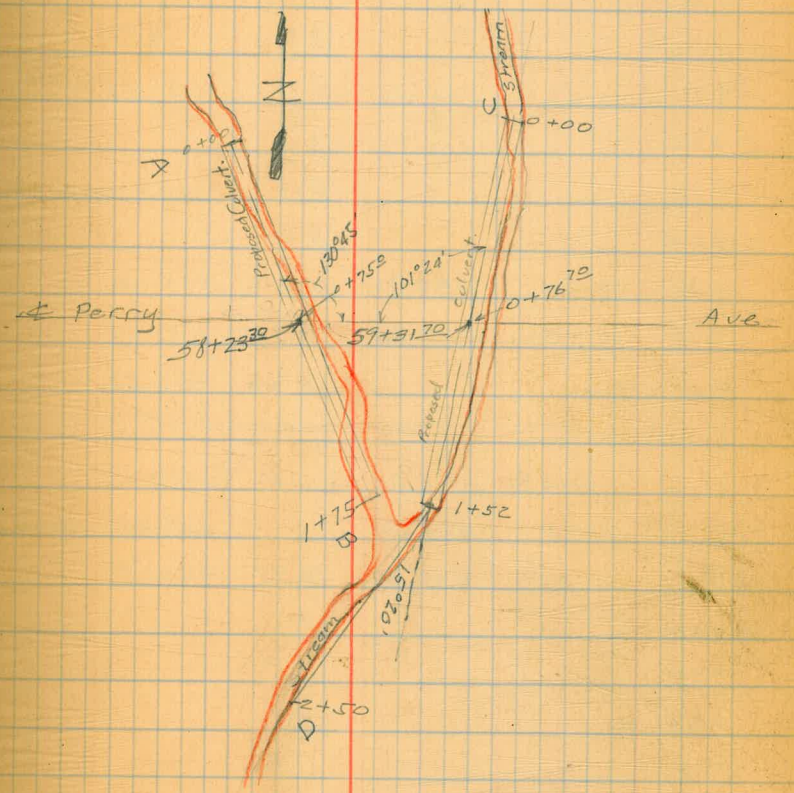
B.M.	0 47	453 .69		453 22
T.P	0 38	441 .25	12 82	440.87
T.P.	0 27	228 55	12 97	228.28
0+00			6 3	
+03			5 3	
+20			5·3	
+33			6·5	
+56			11·8	
+63			11·9	
+65			10·4	
+75			10·5	
1+00			13 3	
T.P.	0 73	416 .21	13 07	415.48
1+27			7.1	
+37			6·6	
+56			9.1	
+75	end		10 7	

Profile of line DC

2+50			17·0
2+25			15·8
2+03			15·3
2+03			14·1
2+00 (2' Lt			13·8
1+80 (5' Lt)			13·8
1+52 Lt	[end culvert]		11·6

Culvert Location 54th St Ext.

(See Book 1364)



Cont from P65

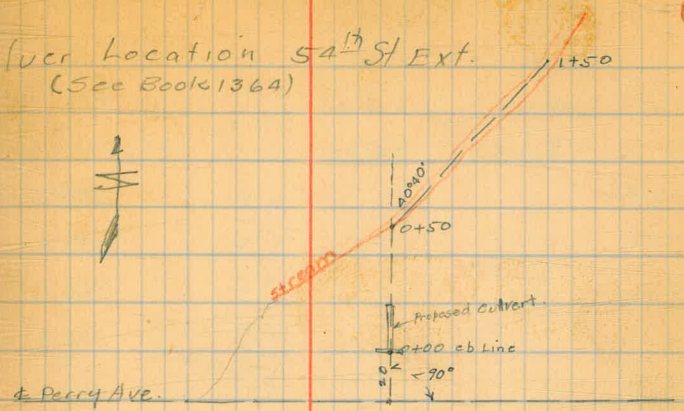
Profile line DC

		416.21		
1+30			9.5	
1+25			7.2	
1+00			4.3	
0+76			3.2	
T.P	12.57	428.54	0.24	415.97
0+45			12.0	
0+20			10.1	
0+00			10.1	
T.P	12.50	440.81	0.23	428.31
T.P	13.04	453.45	0.40	440.41
B.M	Begin.		0.23	453.22

Profile of line on opp Page.

B.M	1.25	458.56		457.31	Hub & 6+00
T.P	0.38	445.96	12.98	445.58	
0+00			3.7		
+20			7.5		
+50			13.5		
+75			16.3		
1+00			19.7		
+25			23.7		
+50	end.		26.4		

Culver Location 54th St Ext.
(See Book 1364)



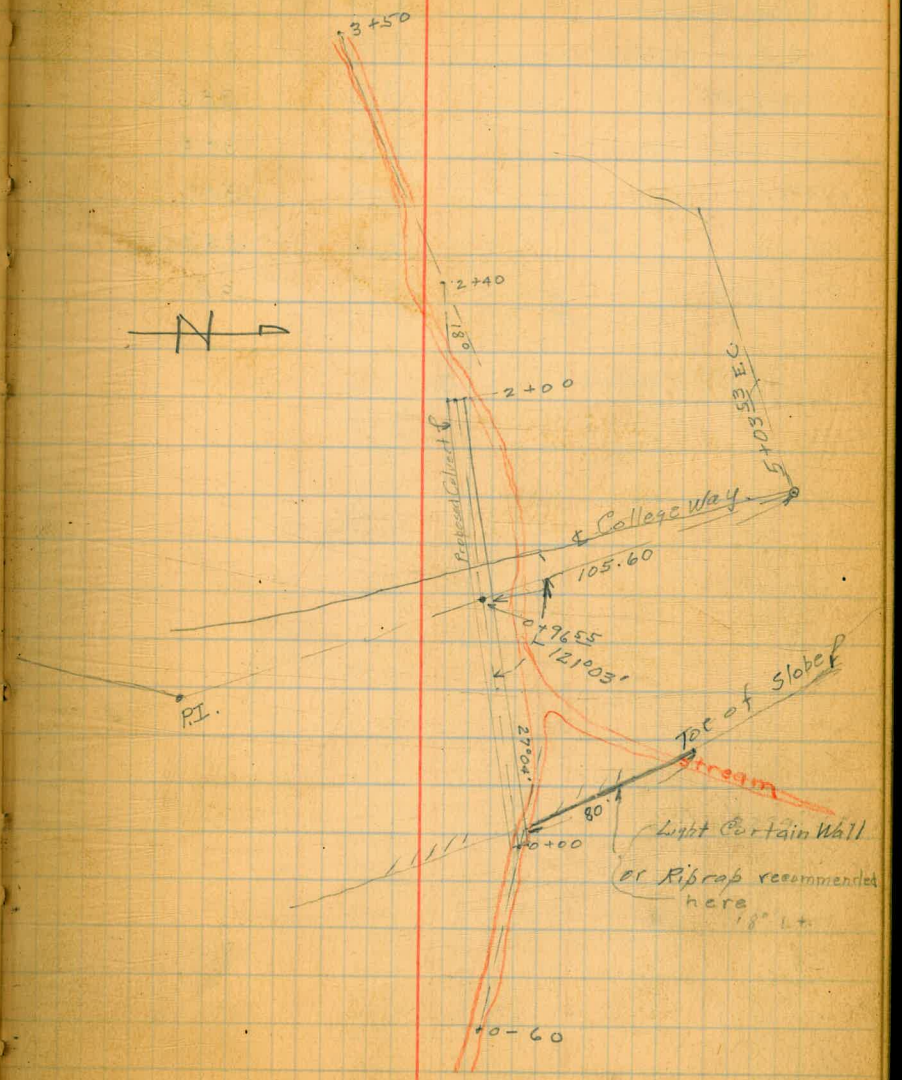
Profile of Line shown on opp. Page

B.M	18 0 1	401.11		388.10	Hub Sewer Linen
T.P	9 22	405.60	H 73	396.38	
0-60			6.8	3988	
0-30			8.2	3974	
0+00			9.5	3961	
0+11			8.7	3969	
+12			7.7	3979	
+25			8.3	3973	
+40			8.3	3973	
+50			8.1	3975	
+60			8.3	3973	
+68			9.7	3959	
+75			10.0	3956	
+90			10.1	3955	
1+00			9.7	3959	
+12			9.1	3965	
+25			10.2	3954	
38			10.6	3950	
+50			9.9	3957	
+57			9.7	3959	
+75			12.0	3936	
+86			13.8	3918	
T.P.	2.68	396.94	11.54	394.06	
2+00			6.9	3898	
+10			7.5	3892	

Culvert Location on College Way

12/28/27 Loudon.

67

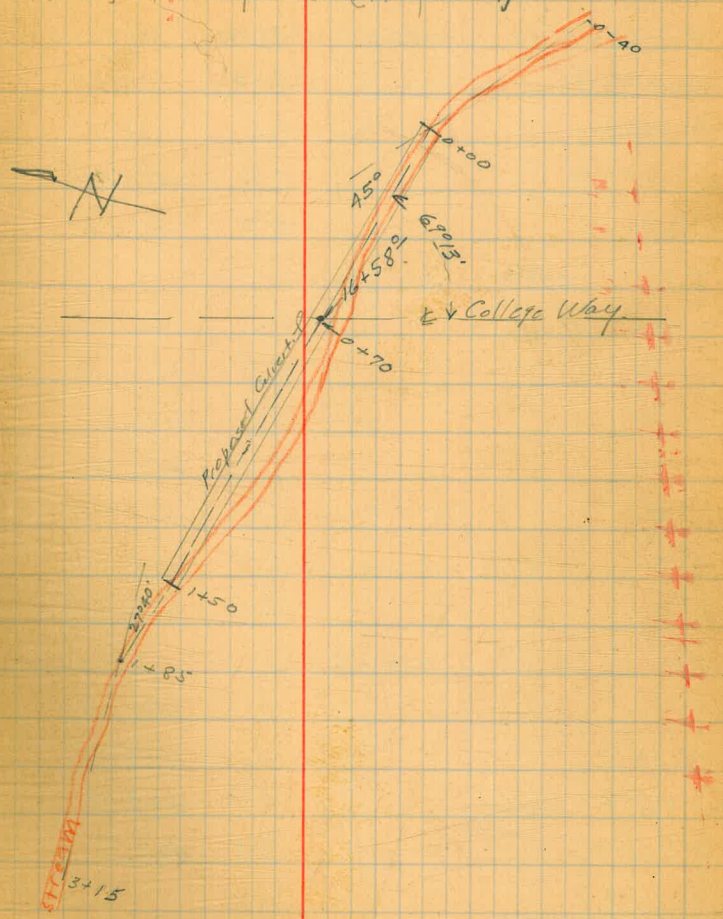


Profile - cont from P67

39674

2+16	channel.		8.6	388.1
2+18 (8'L)	channel.		9.8	386.9
2+30 (15'L)	"		9.9	386.8
2+40 (13'L)	"		10.6	386.1
2+71	"		10.8	385.9
3+00	"		12.6	384.1
3+50 (4'R)	"		14.8	381.9

Culvert location - College Way South of Perry Ave (Proposed)



Profile of Line on P.68

B.M	4.19	457.16		452.97	At College way.
T.P	0.72	445.31	12.57	444.59	
T.P.	0.43	432.74	13.00	432.31	
0-40	channel		7.2	425.54	
0-20	"		9.8	422.94	
0+00	"		11.3	421.4	
0+20			13.5	419.2	
T.P.	0.82	420.46	13.10	419.64	
0+45			3.4	417.0	
0+70			3.9	416.5	
0+90			4.7	415.7	
1+10			7.0	413.4	
1+30			10.4	410.0	
1+40			12.3	408.1	
1+41			13.7	406.7	
T.P.	3.83	412.65	11.64	408.82	
1+50	channel		5.6	407.0	
1+60	"		6.7	405.9	
1+85	channel		8.9	403.7	
1+95 (3'R)	"		9.9	402.7	
2+15 (2'R)	"		11.7		
2+35 (2'R)	"		13.1		
2+45 (2'L)	"		13.4		
2+75 (4'L)	"		15.2		
3+15 (4'L)	"		18.5		

412.65

T.P. 12.71	424.92	0.44	412.21
TP 12.90	437.28	0.54	424.38
TP 12.76	449.80	0.24	437.04
T.P. 8.45	457.85	0.40	449.40
B.M		4.91	452.94

Walker
Bliss
Diebert
9-16-30

Cross Section College Way 80' Wide

For Existing Fill over old sections as taken by Loudin on P-55-56

20' C.L.S.
10' ½ S

BM 50' R.R. Hub 5th College + Arroyo
Sec Grade B.180-57

	1.02	461.68		460.66	
T.R.	0.72	449.37	12.83	448.85	
T.P.	3.64	441.50	11.71	437.86	

BC. to Arroyo = 0+00

2+22.19 = N.L. El Retiro

M	2.9	438	6
cb. on top	2.68	438	82
Gut. cb cut	3.36	438	14
¼	2.51	438	99
℄	1.91	439	59
¼	1.54	439	96
Gut = cb. cut	1.44	440	06
cb.	0.75	440	75
E.	0.5	441	0

2+34.99

-40'	28.4	413	1
-30'	24.4	417	1
-25'	21.5	420	0
E.	13.0	428	5
+3	12.2	429	3
cb.	3.1	438	4
¼	2.7	438	8
℄	2.9	438	6
¼	3.0	438	5
cb.	3.0	438	5
M	3.0	438	5

441.50

2+68.56

M-5'	7.9	433.6
M	8.1	433.4
+10	8.9	432.6
cb.	7.2	434.3
¼	6.1	435.4
℄	6.2	435.3
¼	10.1	431.4
cb.	13.4	428.1
+5	16.8	424.7
E.	20.5	421.0
+18'	32.4	419.1
+26	27.3	414.2
+30	28.4	413.1
+40	31.8	409.7

40 7.5
39 37
1.93

2+80

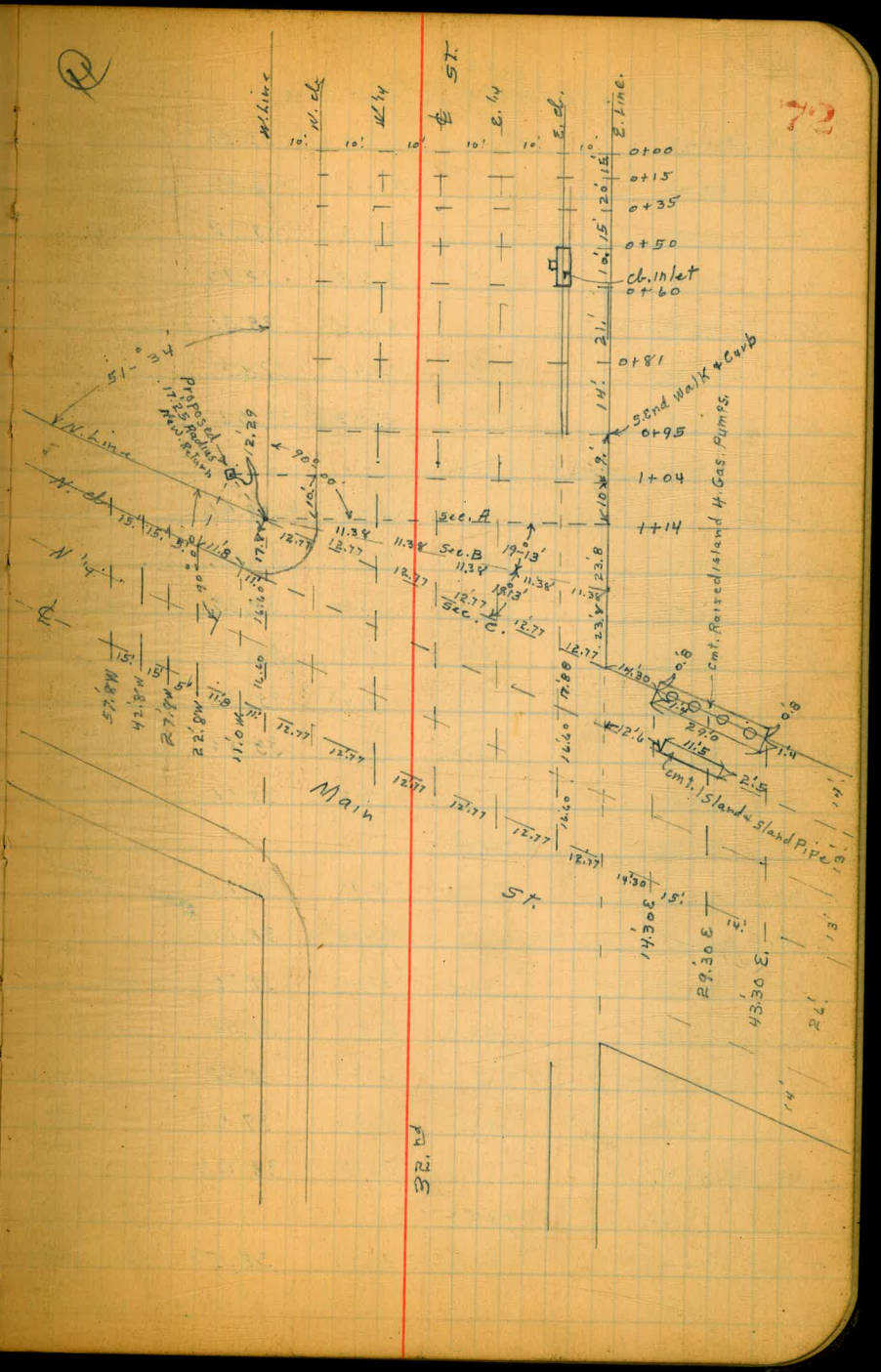
-40	33.4	408.1
-28	29.8	411.7
-18	27.1	414.4
E	23.4	418.1
+10	19.4	423.1
cb.	17.4	424.1
+6	15.8	425.7
¼	13.9	427.6
+8	8.4	433.1
℄	8.1	433.4

		441.50		
¼			8.4	433 1
ab.			9.5	432 0
+5			10.6	430 9
+14			10.5	431 0
XI.			9.1	432 4
+10			8.7	432 8

4-2-31
Miller
Osborne
Sommermeyer

X Sec. Intersection of 32nd & Main Sts.

B.M., B.P.	5.69	44.55		38.86	SW. 32nd & Main
		0+00. = 50' N. of eb. inlet			
E. cmt. eb			5.75	38.80	
gutter pavmt.			6.40	38.15	
1/4 "			5.93	38.62	
℄ "			5.60	38.95	
1/4 "			5.43	39.12	
gutter "			5.47	39.08	
W. cmt. eb			4.78	39.77	
		0+07.			
W gutter			5.43	39.12	Peak in W.
		0+15			
W. cmt. eb			4.82	39.73	
gutter pavmt			5.46	39.09	
1/4 "			5.48	39.07	
℄ "			5.68	38.87	
1/4 "			5.98	38.57	
gutter "			6.52	38.03	
E. cmt. eb			5.83	38.72	
		0+35			
E. cmt. eb			5.93	38.62	
gutter Pavmt			6.64	37.91	
1/4 "			6.17	38.38	
℄ "			5.78	38.77	
1/4 "			5.56	38.99	
gutter "			5.56	38.99	
W. cmt. eb			4.88	39.67	



44.55

0+50 = N. End gr. inlet on E.

gr. emt. el	5.00	39.55
gutter pavmt	5.66	38.89
¼ "	5.63	38.92
℄ "	5.85	38.70
¼ "	6.24	38.31
gutter "	6.90	37.65
E. emt. el	5.93	38.62

0+60. S. End gr. inlet on E.

E. emt. el	5.94	38.61
gutter pavmt	6.91	37.64
¼ "	6.30	38.25
℄ "	5.91	38.64
¼ "	5.69	38.86
gutter "	5.71	38.84
W. emt. el.	5.01	39.54

0+81

N. emt. el	5.11	39.44
gutter pavmt	5.75	38.80
¼ "	5.80	38.75
℄ "	5.97	38.58
¼ "	6.27	38.28
gutter	6.56	37.99
E. emt. el.	5.92	38.63

0+94

E. emt. el	5.98	38.57

44.55

32nd & Main

0+95 = S. End gr. walk on E

73

E. Line	Pavmt	5.80	38.75
+7.5 W. edge walk	"	6.01	38.54
E. el.	"	6.42	38.13
¼	"	6.28	38.27
℄	"	6.06	38.49
¼	"	5.88	38.67
gutter	"	5.78	38.77
W. emt. el.		5.12	39.43

1+04. P.C. Proposed 17.25 Rad Return on W.

W. emt. el	5.14	39.41
gutter pavmt	5.83	38.72
¼ "	5.99	38.56
℄ "	6.17	38.38
+5	6.37	38.18
¼ "	6.25	38.30
gr. line "	6.30	38.25
E " "	5.93	38.62

1+14 Sta A. at 90°00' from N.W. Cor 32nd & Main

E. line pavmt.	6.08	38.47
gr " "	6.29	38.26
¼ "	6.21	38.34
℄ "	6.18	38.37
¼ "	6.09	38.46
gutter "	5.92	38.63
W. emt. el.	5.23	39.32
W. line at N.W. Cor 32nd & Main	5.1	39.5

Sec B. {11.38 cls. / 11.38 "ys. on diagonal

N. at N.W. cor 32nd & Main		5.1	39.5
W. cmt. cb		5.27	39.28
gutter pavmt.		5.93	38.62
"4	"	6.02	38.53
℄	"	6.13	38.42
"4	"	6.23	38.32
E. cb	"	6.40	38.15
E. Line	"	6.30	38.25

See C. = N. Line Main on diagonal {12.77 cls. / 12.77 "ys.

43.3 E. of E. Line = E. End. cmt. Island.		7.43	37.12
29.3 " " " "		7.32	37.23
14.3 " " " " = W " " "		7.25	37.30
E. Line at N.E. cor 32nd & Main-Pavmt		6.82	37.73
E. cb	"	6.47	38.08
"4	"	6.19	38.36
℄	"	6.07	38.48
"4	"	6.00	38.55
W. cb. Line	"	5.95	38.60
+0.4 gutter	"	5.95	38.60
+0.4 cmt. cb.		5.29	39.26
W. Line at N.W. cor 32nd & Main		5.1	39.5

7.5 of N. Line Main Parallel to Main {12.77 cls / 12.77 "ys

W. Line on Return		5.14	39.39
+7.15 = existing cmt. cb		5.27	39.28
+7.20 = gutter Pavmt.		5.86	38.69
W. cb. Line	"	5.87	38.68

74

"4 pavmt		6.02	38.53
℄	"	6.01	38.54
"4	"	6.17	38.38
E. cb Line	"	6.51	38.04
E. Line	"	7.07	37.48
14.3 E. of E. Line pavmt.		7.43	37.12
29.3 " " " "	"	7.44	37.11
43.3 " " " "	"	7.77	36.78

N. cb. Line Main {12.77 cls / 12.77 "ys

43.3 E. of E. Line Pavmt.		8.14	36.41
29.3 " " " "	"	7.89	36.66
14.3 " " " "	"	7.62	36.93
E. Line	"	7.23	37.32
E. cb	"	6.70	37.85
"4	"	6.23	38.32
℄	"	6.06	38.49
"4	"	6.05	38.50
W. cb.	"	5.93	38.62
W. Line	"	5.83	38.72
11.1' N of W. Line gutter	"	5.77	38.78 {at 90°00 from N.W. Cor 32nd & Main
11.1' W " " " cmt. cb.		5.32	39.23
22.8 " " " " " "		5.12	39.43 {P.C. Proposed 17.25 Radius Return
22.8 " " " " gutter Pavmt.		5.65	38.90
27.8 " " " " " "		5.64	38.91
27.8 " " " " cmt. cb.		5.05	39.50

over

N. elev. Line Main (con)

42.8 W. of W. Line	cmt. elev	4.86	39.69
42.8 " " " "	gutter pavmt.	5.45	39.10
57.8 " " " "	" "	5.19	39.36
57.8 " " " "	cmt. elev.	4.62	39.93
N. 1/4. Main St.			
57.8 W. of W. Line	pavmt.	4.94	39.61
42.8 " " " "	"	5.15	39.40
27.8 " " " "	"	5.38	39.17
22.8 " " " "	"	5.48	39.07
11 " " " "	"	5.65	38.90
W. Line	"	5.79	38.76
W. elev.	"	5.92	38.63
1/4	"	6.10	38.45
℄	"	6.26	38.29
1/4	"	6.47	38.08
E. elev.	"	6.77	37.78
E. Line	"	6.99	37.56
14.3 E. of E. Line	"	7.32	37.23
29.3 " " " "	"	7.55	37.00
43.3 " " " "	"	7.96	36.59
℄ Main St.			
43.3 E. of E. Line	pavmt.	8.31	36.24
29.3 " " " "	"	7.67	36.88
14.3 " " " "	"	7.31	37.24
E. Line	"	7.00	37.55
E. elev.	"	6.74	37.81

E. 1/4	pavmt.	6.55	38.00
℄	"	6.32	38.23
W. 1/4	"	6.10	38.45
W. elev Line	"	5.91	38.64
W. Line	"	5.78	38.77
11. W. of W. Line	"	5.60	38.95
22.8 " " " "	"	5.45	39.10
27.8 " " " "	"	5.38	39.17
42.8 " " " "	"	5.14	39.41
57.8 " " " "	"	4.89	39.66

4-1-38
Mills

X Sec. Roadway 43rd St.
100' S. of Delta to N. Line Gamma.

Indexed
C.S.K.

Top. Cone. Headwall N.W. cor Delta & 43rd

BM. B.P	5.18	61.78 ✓		56.60
100' S. of S. Line of Delta Produced from West.				
12' E of ℄ = E. Pav			13.15	48.63
3' " " = ℄ "			13.00	48.78
6' W " " = W. Pav			13.05	48.73
75' S. of Delta				
6' W of ℄ = W. Pav			12.75	49.03
3' E " " = ℄ "			12.70	49.08
12' " " " = E. Pav.			12.78	49.00
S. Line of Delta 80' wide				
12' E of ℄ = E. Pav			11.05	✓0.73
3' " " " = ℄ "			10.95	✓0.80
6' W " " = W "			11.11	✓0.67
40' N = ℄ Delta				
6' W of ℄ = W. Pav			9.60	✓1.18
3' E " " = ℄ "			9.45	✓1.33
12' " " " = E. "			9.49	✓1.29
80' N of S = N. Delta = 0+00				
12' E of ℄ = E. Pav			7.65	✓4.13
3' " " = ℄ "			7.53	✓4.25
6' " " " = W "			7.68	✓4.10
1+00 North.				
6' W of ℄ = W. Pav.			1.92	✓9.86
3' E " " = ℄ "			1.81	✓9.97
12' " " " = E. "			1.95	✓9.83
T.P.	12.88	74.45 ✓	0.21	61.57

3rd & Main

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2+00 North.			
12' E of ℄ = E. Pav.		8.48 ✓	65.97
3' " " " = ℄ "		8.39	66.06
6' W " " = W. "		8.48 ✓	65.97
2+99 E = S. Line Gamma. 80' wide			
6' W of ℄ = W. Pav		2.41	71.04
3' E " " = ℄ "		2.32	71.13
12' " " " = E. "		2.42	71.03
T.P. 6.41	80.52 ✓	0.34	74.11 ✓
40' N = ℄			
12' E of ℄ = E. Pav		6.03	74.49
3' " " " = ℄ "		5.95	74.57
6' W " " = W "		6.04	74.46
80' N = N. Line Gamma.			
6' W of ℄ = W. Pav		3.68 ✓	76.81 ✓
3' E " " = ℄ "		3.55	76.97 ✓
12' " " " = E. "		3.63	76.89 ✓

32nd & Main

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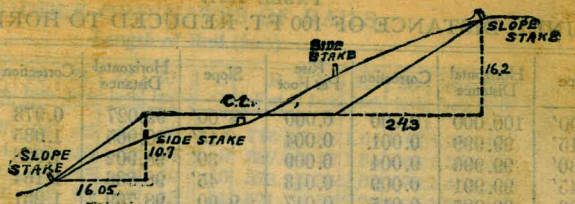
IMPROVED TABLES AND INFORMATION



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5 10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13 05	13.20	13.35	8
9	13 50	13 65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18 15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19 35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37 20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45 90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49.50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50 70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
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38	57.00	57.15	57 30	57 45	57 60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58 95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61 80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66 30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

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Elevations & Catactin

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