889

F.B.

LEVEL BOOK.

No. 410 T

EUGENE DIETZGEN CO.,
Drawing Materials and Surveying Instruments.
NEW YORK. CHICAGO. SAN FRANCISCO.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 20 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	0
1	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	1
2	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	2
3	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	3
4	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	4
5	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	5
6	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	6
7	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	7
8	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	8
9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	9
10	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	10
11	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	11
12	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	12
13	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	13
14	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	14
15	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	15
16	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	16
17	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	17
18	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	18
19	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	19
20	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	20
21	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	21
22	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	22
23	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	23
24	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	24
25	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	25
26	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	26
27	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	27
28	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	28
29	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	29
30	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	30
31	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	31
32	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	32
33	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	33
34	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	34
35	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	35
36	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	36
37	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	37
38	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	38
39	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	39
40	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	40

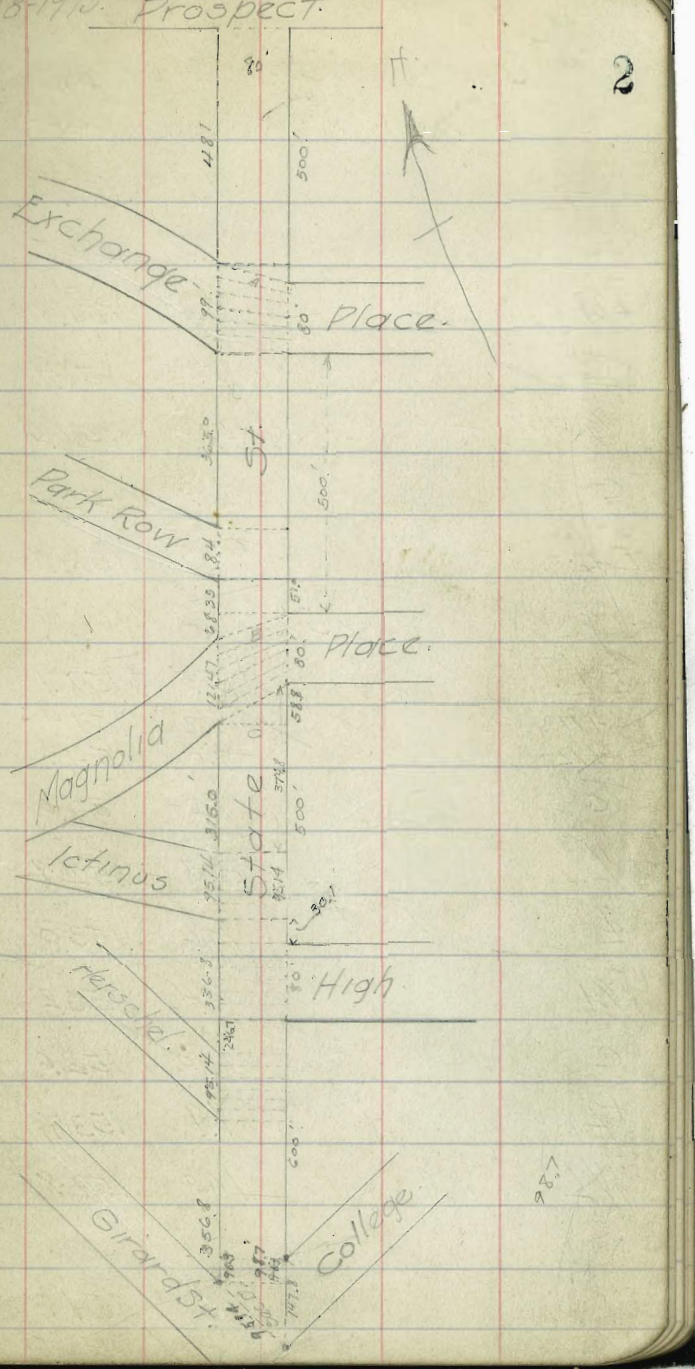
Calculated by F. E. Paradis, C. E.

CROSS-SECTIONS STATE STREET

S.L. Prospect. to E.L. Girard.
80' Wide, 14' Walks, 13' ½'s.

B.M. NW. Cor. State + Ictinus.				133.26
	11.62	144.88		
T.P.			0.85	144.03
	11.65	155.68		
T.P.			0.18	155.50
	11.91	167.48		
T.P.			5.99	161.49
	2.06	163.55		
	S.L. Prospect.			
E.L.			11.3	152.3
C			11.6	152.3
W.L.			12.1	151.5
C			12.3	151.3
W.L.			13.0	150.6
C			13.5	150.1
W.L.			13.3	150.3

April-18-1913. Prospect.
West
Evans
Moore.



163.55

2'S. SL Prospect

WL			11.4	152.2	
C			10.8	152.8	
¼			11.8	151.8	
℄			12.2	151.4	
¼			12.0	151.6	
C			11.0	152.6	
EL			9.5	154.1	
		25'S.			
EL			5.5	158.1	
+11			6.2	157.4	
+12			9.0	154.6	
C			9.6	154.0	
¼			10.8	152.8	
℄			10.6	153.0	
¼			10.4	153.2	
C			11.0	152.6	
+2			9.9	153.7	
WL			10.8	152.8	

163.55

50'S.

WL			9.9	153.6	
+12			9.3	154.3	
C			10.2	153.4	
¼			9.5	154.1	
℄			9.3	154.3	
¼			9.2	154.4	
C			8.6	155.1	
+2			5.5	158.1	
EL			4.7	158.9	
		75'S.			
EL			3.9	159.7	
C			6.9	156.7	
¼			7.8	155.8	
℄			8.1	155.5	
¼			9.1	154.5	
C			9.9	153.7	
+2			9.6	154.0	
+3			9.0	154.6	
WL			9.8	153.8	

		163.55			
		100' S.			
WL.			9.8	153.8	
C			9.3	154.0	
1/4			8.8	154.8	
℄			7.5	156.1	
1/4			7.3	156.3	
+12			6.4	157.2	
C			4.7	158.9	
EL.			3.2	160.4	
		125' S.			
EL.			2.6	161.0	
C			5.6	158.0	
1/4			6.5	157.1	
℄			6.7	156.9	
1/4			7.6	156.0	
C			8.5	155.1	
WL			9.6	154.0	
		150' S.			
WL			10.1	153.5	
C.			8.9	154.7	

		163.55			
1/4			7.7	155.9	
℄			6.9	156.7	
1/4			6.0	157.6	
C			5.3	158.3	
EL.			4.2	159.4	
		175' S.			
EL.			3.8	159.8	
C			5.1	158.5	
1/4			5.6	158.0	
℄			6.7	156.9	
1/4			7.8	155.8	
C.			8.9	154.7	
WL			9.6	154.0	
		225' S			
WL			8.0	155.6	
C			7.3	156.3	
1/4			5.9	157.7	
℄			5.1	158.5	
1/4			4.8	158.8	
C			4.3	159.3	
EL			3.0	160.6	

		163.55			
		275'S			
EL			0.4	163.2	
C			1.7	161.9	
¼			3.1	160.5	
℄			3.8	159.8	
¼			5.0	158.6	
C			5.8	157.8	
WL			6.6	157.0	
T.P.			4.13	159.42	
	9.80	169.22			
		325'S			
WL			11.3	157.9	
C			10.3	158.9	
¼			9.2	160.0	
℄			8.0	161.2	
¼			7.6	161.6	
C			6.6	162.6	
EL			5.5	163.7	

		169.22			
		375'S			
EL			4.8	164.4	
C			5.8	163.4	
¼			6.3	162.9	
℄			7.0	162.2	
¼			8.4	160.8	
C			9.3	159.9	
WL			10.0	159.2	
		425'S			
WL			7.9	161.3	
C			7.3	161.9	
¼			6.7	162.5	
℄			6.4	162.8	
¼			5.8	163.4	
C			5.9	163.3	
EL			3.6	165.6	
		450'S			
EL			2.8	166.4	
C			3.8	165.4	
¼			4.7	164.5	

		1692.2			
℄			5.6	163.6	
¼			6.0	163.2	
C			6.8	162.4	
WL			7.3	161.9	
	48.1'S of Prospect				
WL			5.6	163.6	
C			5.1	164.1	
¼			4.4	164.8	
℄			4.3	164.9	
¼			2.6	166.6	
C			2.5	166.7	
EL			1.9	167.3	
	Soc A = NL Exchange being 48.1 S on WL + 50.0 S on EL				80' Wide 14' Walk 13.5 S.
EL			1.6	167.6	
C			2.3	166.9	
¼			2.6	166.6	
℄			3.6	165.6	
¼			4.1	165.1	
C			4.6	164.6	
WL			5.6	163.6	

		1692.2			
		N Curb.			
WL			5.6	163.6	
C			4.6	164.6	
¼			3.8	165.4	
℄			3.5	165.7	
¼			2.8	166.4	
C			2.1	167.1	
EL			1.9	167.3	
		N ¼			
EL			1.6	167.6	
C			2.0	167.2	
¼			2.9	166.3	
℄			3.2	166.0	
¼			3.7	165.5	
C			4.4	164.8	
WL			5.2	164.0	
		℄ Exchange			
WL			5.2	164.0	
C			4.2	165.0	
¼			3.6	165.6	

	16922			
℄		3.1	166.1	
¼		2.8	166.4	
C		2.5	166.7	
EL.		2.3	166.9	
	5¼			
EL.		2.7	166.5	
C		2.9	166.3	
¼		3.0	166.2	
℄		3.3	165.9	
¼		4.0	165.2	
C		4.6	164.6	
WL.		5.6	163.6	
	S. Corb.			
WL.		6.3	162.9	
C		5.2	164.0	
¼		4.8	164.4	
℄		4.1	165.1	
¼		3.6	165.6	
C		3.3	165.9	
EL.		2.7	166.5	

16922	Exchange?		
S.L	Prospect.?		
EL.		3.4	165.8
C		3.9	165.3
¼		4.1	165.1
℄		4.8	164.4
¼		5.7	163.5
C		6.1	163.1
WL.		6.7	162.5
50' S.			
WL.		8.2	161.0
C		8.4	160.8
¼		8.1	161.1
℄		7.2	162.0
¼		6.4	162.8
C		5.8	163.4
EL.		5.3	163.9
100' S.			
EL		6.7	162.5
C		7.2	162.0
¼		7.9	161.3

		16922		
℄			8.5	160.7
¼			9.1	160.1
C			9.3	159.9
WL			10.0	159.2
		150' S.		
WL			10.5	158.7
C			10.0	159.2
¼			9.3	159.9
℄			9.3	159.9
¼			8.8	160.4
C			8.7	160.5
EL			8.5	160.7
		200' S.		
EL			9.3	159.9
C			9.6	159.6
¼			9.8	159.4
℄			10.8	158.4
¼			11.0	158.2
C			11.1	158.1
WL			11.2	158.0

		16922		
		250' S.		
WL			12.6	156.6
C			12.2	157.0
¼			11.5	157.7
℄			11.6	157.6
¼			11.4	157.8
C			10.7	158.5
EL			10.4	158.8
T.P.			10.85	158.37
	0.97	159.34		
		300' S.		
EL			1.4	157.9
C			1.9	157.4
¼			2.5	156.8
℄			2.7	156.6
¼			2.9	156.4
C			3.5	155.8
WL			4.0	155.3

		159.34			
		350' S.			
WL.			4.9	154.4	
C			4.2	155.1	
1/4			3.4	155.9	
℄			3.3	156.0	
1/4			3.1	156.2	
C			3.0	156.3	
EL.			2.5	156.8	
	N.L. Park Row = 365' S.				80' Wide 14' Walk 13'1/4. 84' on St angle
EL.			2.6	156.7	
C			3.4	155.9	
1/4			3.7	155.6	
℄			3.7	155.6	
1/4			3.8	155.5	
C			4.7	154.6	
WL.			5.4	153.9	
		N Curb.			
WL.			5.4	153.9	
C			5.0	154.3	
1/4			4.6	154.7	

	159.34			
℄		4.2	155.0	
1/4		4.1	155.1	
C		3.9	155.4	
EL		3.4	155.9	
N 1/4				
EL.		3.7	155.6	
C		4.2	155.1	
1/4		4.3	155.0	
℄		4.5	154.8	
1/4		4.8	154.5	
C		5.2	154.1	
WL.		5.4	153.9	
℄.				
WL		5.4	153.9	
C		5.1	153.2	
1/4		4.9	154.4	
℄		4.9	154.4	
1/4		4.6	154.7	
C		4.2	155.1	
EL.		3.5	155.8	

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S 1/4

EL.	4.0	155.3	
C	4.6	154.7	
1/4	4.9	154.4	
℄	5.3	154.0	
1/4	5.5	153.8	
C	5.5	153.8	
WL.	5.5	153.8	
	S. Curb.		
WL.	5.7	153.6	
C	5.8	153.5	
1/4	5.8	153.5	
℄	5.7	153.6	
1/4	5.3	154.0	
C	5.0	154.3	
EL.	4.2	155.0	
84'S of NL = SL	Park Row.	+449'S of Exchange	
EL.	4.3	155.0	
C	5.3	154.0	
1/4	5.6	153.7	

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℄	5.8	153.5	
1/4	6.4	152.9	
C	6.4	152.9	
WL.	6.7	152.6	
	61'S of Park Row or 500'S of Exchange		
WL.	8.0	151.3	
C	7.4	151.9	
1/4	7.0	152.3	
℄	6.5	152.8	
1/4	6.0	153.3	
C	5.6	153.7	
EL.	5.6	153.7	
	Sec B. N L Magnolia Place.		17.35' S of last point on WL.
EL.	5.6	153.7	
C	5.9	153.4	
1/4	6.1	153.2	
℄	7.0	152.3	
1/4	7.3	152.0	
C	8.0	151.3	
WL.	8.7	150.6	

	1934			
	N Curb.			
WL		8.4	150.9	
C		7.9	151.4	
1/4		7.5	151.8	
℄		7.3	152.0	
1/4		7.0	152.3	
C		6.3	153.0	
EL		6.0	153.3	
	N 1/4			
EL		6.9	153.2	
C		6.4	152.9	
1/4		7.1	152.2	
℄		7.6	151.7	
1/4		7.9	151.4	
C		8.4	150.9	
WL		9.4	149.9	
	℄			
WL		9.9	149.4	
C		9.3	150.0	
1/4		8.3	151.0	

	1934			
℄		8.0	151.3	
1/4		7.4	151.9	
C		7.0	152.3	
EL		6.1	153.2	
	S 1/4			
EL		6.7	152.6	
C		7.1	152.2	
1/4		7.4	151.9	
℄		8.3	151.0	
1/4		8.4	150.9	
C		9.7	149.6	
WL		10.3	149.0	
	S Curb.			
WL		10.6	148.7	
C		9.5	149.8	
1/4		9.0	150.3	
℄		8.6	150.7	
1/4		7.5	151.8	
C		6.8	152.5	
EL		7.0	152.3	

1593⅓

S.L. Magnolia St.

EL			7.2	152.1
C			7.7	151.6
¼			8.4	150.9
℄			9.1	150.2
¼			9.3	150.0
C			10.0	149.3
WL			11.0	148.3

Sec C. Opposite S.W Cor. Mag + State
+ being 68.8 'S. on EL of last point

WL			11.0	148.3
C			10.1	149.2
¼			9.6	149.7
℄			9.1	150.2
¼			8.8	150.5
C			8.7	150.6
EL			8.5	150.8

100 'S. of S.E. Cor. State + Magnolia

EL			9.1	150.2
C			10.0	149.3

1593⅓

¼			9.8	149.5
℄			10.2	149.1
¼			10.4	148.9
C			11.4	147.9
WL			11.8	147.5
T.P.			11.73	147.61 ✓
	1.40	149.01 ✓		
		150'S.		
WL			3.3	145.6
C			2.8	146.2
¼			2.2	146.8
℄			1.9	147.1
¼			1.9	147.1
C			1.4	147.6
EL			1.0	148.0
		200 'S.		
EL			3.8	145.2
C			4.2	144.8
¼			4.6	144.4
℄			4.7	144.3

		14901		
1/4		5.0	144.0	
C		5.5	143.5	
WL		5.9	143.1	
		250'S.		
WL		7.3	141.7	
C		7.3	141.7	
1/4		7.6	141.4	
℄		7.6	141.4	
1/4		7.6	141.4	
C		7.9	141.1	
EL		8.1	140.9	
		300'S.		
EL		11.3	137.7	
C		11.1	137.9	
1/4		10.7	138.3	
℄		11.0	138.0	
1/4		11.0	138.0	
C		11.0	138.0	
WL		11.1	137.9	

		14901			
T.P.			11.04	137.97	
	0.73	138.70			
B.M.			5.46	133.24	133.26 ± 133.24 / 02 ±
		350'S			
WL			4.3	134.4	
C			4.4	134.3	
1/4			4.4	134.3	
℄			4.3	134.4	
1/4			4.3	134.4	
C			3.8	134.9	
EL			3.8	134.9	
		3745	= N.L. Ictinus		80' Wide 20' Walks. 1st Ave.
EL			6.8	131.9	
C			6.5	132.2	
1/4			6.9	131.8	
℄			6.6	132.1	
C			6.2	132.5	
1/4			6.4	132.3	
WL			6.1	132.6	

B.M. State + Ictinus				133.26
	1.93	135.19		
		398.6 'S - Curb. Ictinus produced rt. angles across State		
WL			6.0	129.2
C			5.0	130.2
1/4			4.5	130.7
℄			4.6	130.6
1/4			4.6	130.6
C			4.7	130.5
EL			5.0	130.2
	410.5 'S = ℄ Ictinus Produced			
EL			5.6	129.6
C			5.4	129.8
1/4			5.5	129.7
℄			5.6	129.6
1/4			5.6	129.6
C			6.2	129.0
WL			6.4	128.8

April - 21 - 1913

West
Evans
Moore

135.19

	422.4 'S = ℄ Produced		
WL		7.3	127.9
C		7.1	128.1
1/4		6.6	128.6
℄		6.2	129.0
1/4		6.2	129.0
C		6.2	129.0
EL		6.0	129.2
	437.3 'S = S 1/4 produced		
EL		6.8	128.4
C		6.9	128.3
1/4		6.9	128.3
℄		7.3	127.9
1/4		7.9	127.3
C		8.1	127.1
WL		8.8	126.4
	446 'E - S Curb. produced		
WL		9.4 (8.8)	126.4 125.8
C		9.2	126.0
1/4		9.0	126.2

	13519			
℄		8.5	126.7	
1/4		8.0	127.2	
C		8.3	126.9	
EL		8.4	126.8	
	469.94' S = SL. Ic. produced			
EL		10.5	124.7	
C		10.3	124.9	
1/4		10.2	125.0	
℄		10.5	124.7	
1/4		10.6	124.6	
C		10.5	124.7	
WL		8.9	126.3	
80' Wide 14' Walks 13' 1/4 S.	500' S = NL. High St.			
WL		12.1	123.1	
C		12.2	123.0	
1/4		12.5	122.7	
℄		12.7	122.5	
1/4		13.0	122.2	
C		13.1	122.1	
EL		13.1	122.1	

		135.19		
TP			12.87	122.32
	1.16	123.48		
	N. Curb. High St.			
EL			2.1	121.4
C			2.3	121.2
1/4			2.2	121.3
℄			1.8	121.7
1/4			1.4	122.1
C			1.2	122.3
WL			1.2	122.3
	N 1/4			
WL			1.8	121.7
C			1.8	121.7
1/4			1.9	121.6
℄			2.5	121.0
1/4			2.6	120.9
C			3.0	120.5
EL			3.0	120.5

		12348		
		℄		
EL			3.7	119.8
C			3.6	119.9
¼			3.2	120.3
℄			2.8	120.7
¼			2.5	121.0
C			2.6	121.0
WL			2.5	121.0
		S¼		
WL			3.1	120.4
C			3.1	120.4
¼			3.2	120.3
℄			3.3	120.2
¼			3.8	119.7
C			4.1	119.4
EL			4.5	119.0
		S. Curb		
EL			4.9	118.6
C			4.7	118.8
¼			4.2	119.3

		12348		
℄			4.0	119.5
¼			3.6	119.9
C			3.9	119.6
WL			3.7	119.8
		S.L. High St.		
WL			4.4	119.1
C			4.5	119.0
¼			4.6	118.9
℄			4.5	119.0
¼			4.8	118.7
C			5.2	118.3
EL			5.6	117.9
		50' S.		
EL			7.7	115.8
C			7.1	116.4
¼			6.6	116.9
℄			6.5	117.0
¼			6.6	116.9
C			6.7	116.8
WL			6.4	117.1

		123.48					123.48			
		100' S.								
WL			8.9	114.6						
C			9.0	114.5						
1/4			8.9	114.6						
℄			9.0	114.5						
1/4			9.3	114.2						
C			9.4	114.1						
EL.			9.7	113.8						
		150' S.								
EL.			11.9	111.6						
C			11.5	112.0						
1/4			11.2	112.3						
℄			11.1	112.4						
1/4			11.2	112.3						
C			11.3	112.2						
WL.			11.0	112.5						
		200' S								
WL			12.4	111.1						
C			12.6	110.9						
1/4			12.6	110.9						
℄								12.7	110.8	
1/4								12.8	110.7	
C								13.0	110.6	
EL.								13.2	110.3	
T.P.								12.53	110.95	
						1.55	112.50			
80' Wide 14 Walks 13' /43.							246.74'S - NL. Herschell.			
EL.								3.9	108.6	
C								3.3	109.2	
1/4								3.0	109.5	
℄								2.4	110.1	
1/4								2.2	110.3	
C								2.2	110.3	
WL								1.9	110.6	
							263.4'S - N. Curb. Produced			
WL								2.6	109.9	
C								2.4	110.1	
1/4								2.5	110.0	
℄								2.6	109.9	
1/4								3.0	109.5	
C								3.4	109.1	
EL.								3.5	109.0	

	112.50		
	278.87'S = N 1/4 produced		
EL	3.7	108.8	
C	3.7	108.8	
1/4	3.4	109.1	
℄	3.0	109.5	
1/4	2.6	109.9	
C	2.3	110.2	
WL	3.0	109.5	
	294.34'S = ℄ Produced		
WL	3.6	108.9	
C	2.7	109.8	
1/4	2.9	109.6	
℄	3.4	109.1	
1/4	3.6	108.9	
C	3.9	108.6	
EL	4.4	108.1	
	389.81'S = S 1/4 produced		
EL	4.7	107.8	
C	4.1	108.4	
1/4	4.0	108.5	

	112.50		
℄	3.9	108.6	
1/4	4.0	108.5	
C	3.7	108.8	
WL	3.8	108.7	
	325.28'S = S Curb. produced		
WL	4.0	108.5	
C	4.1	108.4	
1/4	4.2	108.3	
℄	4.3	108.2	
1/4	4.4	108.1	
C	4.2	108.3	
EL	4.7	107.8	
	341.88'S = S.L. Herschel produced		
EL	5.3	107.2	
C	4.9	107.6	
1/4	4.8	107.7	
℄	4.8	107.7	
1/4	4.9	107.6	
C	4.7	107.8	
WL	4.1	108.4	

	11250	
	350'S. = 8.1'S of Herschel	
WL	4.5	108.0
C	4.8	107.7
1/4	5.0	107.5
℄	5.0	107.5
1/4	4.8	107.7
C	5.0	107.5
EL	5.2	107.3
	400'S. = 58.1'S	
EL	6.5	106.0
C	6.5	106.0
1/4	6.5	106.0
℄	6.5	106.0
1/4	6.6	105.9
C	6.9	105.6
WL	6.9	105.6
	425'S. = 83.1'S	
WL	8.3	104.2
C	7.8	104.7
1/4	8.1	104.4

	11250	
℄	7.9	104.6
1/4	7.6	104.9
C	7.4	105.1
EL	7.3	105.2
	450'S. = 108.1'S	
EL	8.4	104.1
C	8.8	103.7
1/4	9.1	103.4
℄	9.3	103.2
1/4	9.3	103.2
C	9.5	103.0
WL	9.7	102.8
	475'S. = 133.1'S	
WL	10.8	101.7
C	11.6	100.9
1/4	11.4	101.1
℄	11.6	100.9
1/4	11.0	101.5
C	10.6	101.9
EL	10.0	102.5

		112.50		
T.P.			11.78	100.72
	2.47	103.19		
		500'S. = 158.1'S		
EL.			3.4	99.8
C			2.5	100.7
1/4			3.0	100.2
℄ +10			4.5 4.4	98.7 98.8
1/4			4.9	98.3
C			4.2	99.0
WL			2.3	100.9
		525'S. = 183.1'S		
WL			2.1	101.1
C			4.2	99.0
1/4			6.0	97.2
℄			6.4	96.8
1/4			6.0	97.2
C			6.0	97.2
EL			6.9	96.3

		103.19		
		550'S. = 208.1'S		
EL.			9.0	94.2
C			8.8	94.4
1/4			8.6	94.6
℄			7.4 7.7	95.8 95.5
1/4			7.1	96.1
C			5.3	97.9
WL			3.3	99.9
		575'S. 233.1'S		
WL			5.0	98.2
C			7.7	95.5
1/4			10.0	93.2
℄ +10			8.3 8.2	95.9 95.0
1/4			8.3	94.9
C			8.8	94.4
EL.			8.2	95.0
	258.1'S	600'S = NL College on East		
EL.			8.6	94.6
C			8.4	94.8
1/4			8.6	94.6

10319

℄	8.8	94.4	
¼ +10	10.8	92.4	
	10.9	92.3	
C	10.6	92.6	
WL	7.8	954	
	625' S.		
WL	10.6	92.6	
C	10.9	92.3	
¼	10.1	93.1	
℄	9.1	94.1	
¼	8.9	943	
C	9.1	94.1	
EL	8.2	95.0	
	650' S.		
EL	7.5	95.7	
C	8.4	94.8	
¼	8.8	944	
℄	9.2	94.0	
¼	9.4	93.8	
C	10.9	92.3	
WL	11.1	92.1	

10319

675' S.		
WL	11.6	91.6
C	9.4	93.8
¼	9.1	94.1
℄	9.1	94.1
¼	7.9	95.3
C	7.6	95.6
EL	6.9	96.3
698.70' S = Inters. with Girard St. on WL		
EL	7.1	96.1
C	7.4	95.8
¼	8.2	95.0
℄	8.8	94.4
¼	9.2	94.0
C	9.5	93.7
WL	8.4	94.8

10.2.19

Sec [] = 698.66' S. 07 WL =
= 747.8' S. 07 EL = Int. with Girdler

WL			8.4	94.8
C			9.2	94.0
1/4			8.7	94.5
℄			8.2	95.0
1/4			8.4	94.8
C			8.6	94.6
EL			7.8	95.4
T.P. x Gas Pipe SE Cor State + College			7.60	95.69

T.P.			0.30	102.89
	12.11	115.00		
T.P.			0.34	114.66
	12.70	127.36		
T.P.			0.55	126.81
	11.49	138.30		
BM.			.508	133.22

133.26
133.22
.04

OK

Interpolated

Girard St. on W. to College St. on E.

W.L.	94.8
C	94.6
1/4	94.3
℄	94.0
1/4	94.2
C	94.4
E.L.	94.6

SWS
D=C. 22-18

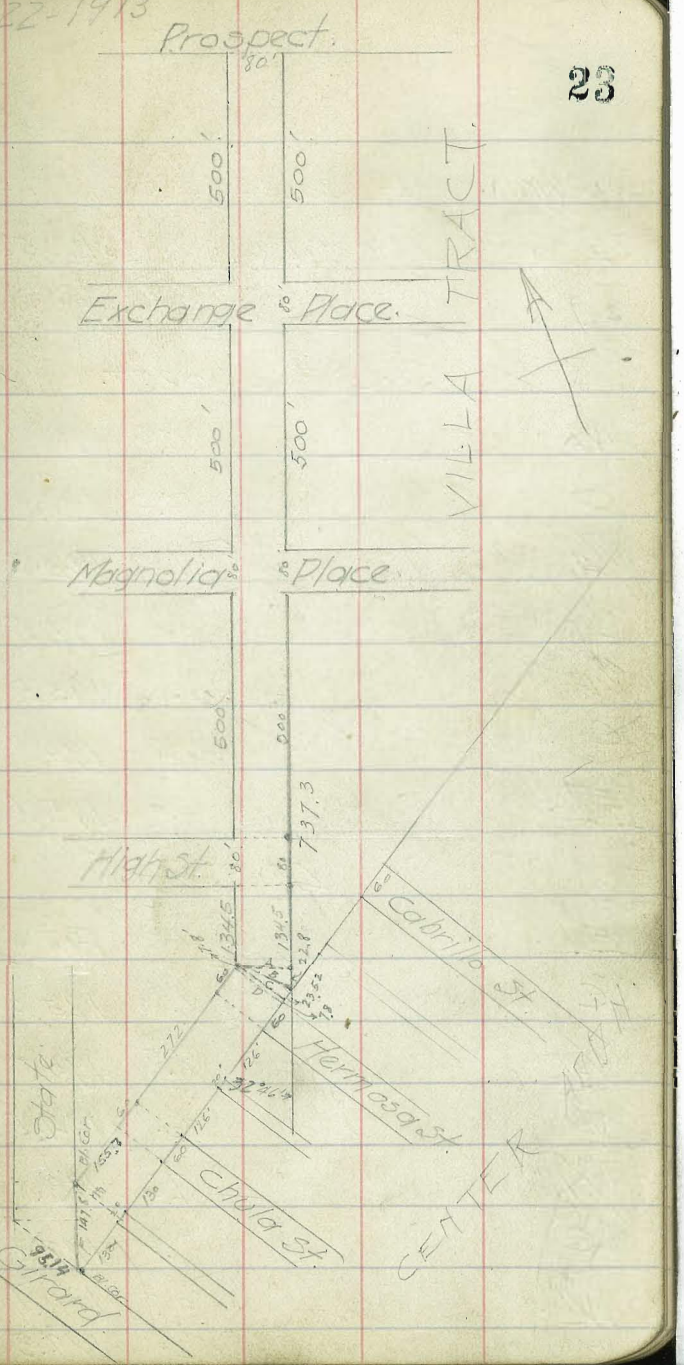
CROSS SECTIONS.

COLLEGE ST.

54. Prospect to E L. State St.
80' Wide. 20' Walks - 10' 1/2 Roadway.

Concrete Mon.			
B.M. Cor State & Ictinus.			133.26
	12.87	146.13	
T.P.		0.24	145.89
	11.34	157.23	
T.P.		0.25	156.98
	11.30	168.28	
T.P.		8.92	159.36
	6.20	165.56	
T.P.		0.12	165.44
	12.09	177.53	
T.P.		0.26	177.27
	12.30	189.57	
T.P.		0.99	188.58
	7.64	196.22	
T.P. Top 2"x2" Hub. SW Cor. Pros. + College.	5.66		190.56
Cor Walk.		6.10	190.12

April 22-1913
West.
Evans.
Moore.



Cor Walk	11.24	20.36	11.2	190.12
Top 2"x2"	10.80	20.36		190.56
	S.L. Prospect			
WL			11.6	189.8
C			10.0	191.4
¼			9.2	192.2
℄			8.7	192.7
¼			7.9	193.5
C			6.5	194.9
EL			5.6	195.8
		25'S		
EL			4.0	197.4
C			6.4	195.0
¼			6.5	194.9
℄			6.9	194.5
¼			7.6	193.8
C			9.3	192.1
WL			10.7	190.7
-15			12.1	189.3
		20.36	50'S	
-15			12.6	188.8
WL			10.5	190.9
C			9.1	192.3
¼			7.3	194.1
℄			5.4	196.0
¼			5.3	196.1
C			5.6	195.8
EL			3.9	197.5
		75'S.		
EL			3.8	197.6
C			4.4	197.0
¼			4.6	196.8
℄			5.1	196.3
¼			7.6	193.8
C			9.3	192.1
WL			11.0	190.4
-15			12.8	188.6
+15		100'S.	12.9	188.5
WL			11.7	189.7
C			9.2	192.2
¼			7.6	193.8

20136

℄	7.0	194.4	
¼	5.9	195.5	
C	5.7	195.7	
EL	4.0	197.4	
	125'S.		
EL	4.5	196.9	
C	6.0	195.4	
¼	6.7	194.7	
℄	7.3	194.1	
¼	7.7	193.7	
C	9.5	191.9	
WL	11.4	190.0	
+15	13.0	188.4	
	150'S		
-15	14.0	187.4	
WL	11.6	189.8	
C	10.5	190.9	
¼	9.0	192.4	
℄	6.9	194.5	
¼	5.3	196.1	
C	5.1	196.3	
EL	4.4	197.0	

20136

	175'S.	
EL	3.4	198.0
C	5.4	196.0
¼	5.6	195.8
℄	7.3	194.1
¼	9.7	191.7
C	10.5	190.9
WL	12.0	189.4
+15	14.4	187.0
	200'S.	
-15	14.2	187.2
WL	11.5	189.9
C	9.5	191.9
¼	9.2	192.2
℄	8.3	193.1
¼	6.7	194.7
C	6.2	195.2
EL	4.7	196.7

20136

225'S.

EL	4.1	197.3
C	6.1	195.3
1/4	7.0	194.4
℄	8.6	192.8
1/4	9.5	191.9
C	10.3	191.1
WL	12.3	189.1
+15	13.0	188.4

250'S.

-15	13.8	187.6
WL	12.4	189.0
C	8.8	192.6
1/4	8.1	193.3
℄	8.4	193.0
1/4	5.9	195.5
C	4.4	197.0
EL	4.1	197.3

20136

275'S.

EL	4.1	197.3
C	6.0	195.4
1/4	6.9	194.5
℄	7.8	193.6
1/4	8.2	193.2
C	9.0	192.4
WL	11.8	189.6
+15	12.5	188.9

300'S.

-15	13.1	188.3
WL	11.4	180.0
C	9.9	191.5
1/4	9.0	192.4
℄	8.6	192.8
1/4	7.6	193.8
C	6.1	195.3
EL	4.2	197.2

		20136		
		325'S.		
EL.			3.6	197.8
C			6.5	194.9
1/4			7.7	193.7
℄			8.6	192.8
1/4			9.1	192.3
C			9.1	192.3
WL.			9.6	191.8
+15			12.0	189.4
		350'S.		
-15			12.1	189.3
WL.			10.9	190.5
C			10.1	191.3
1/4			9.6	191.8
℄			8.0	193.4
1/4			6.9	194.5
C			6.2	195.2
EL.			3.9	197.5

		20136		
T.P.			3.34	198.02
	406	202.08		
		375'S.		
EL.			5.5	196.6
C			6.7	195.4
1/4			7.0	195.1
℄			8.5	193.6
1/4			9.6	192.5
C			10.7	191.4
WL.			11.7	190.4
+15			12.6	189.5
		400'S.		
-15.			13.4	188.7
WL.			12.2	189.9
C			10.7	191.4
1/4			10.7	191.4
℄			10.0	192.1
1/4			9.4	192.7
C			8.6	193.5
EL.			6.7	195.4

		20208		
		425'S.		
EL		6.0	196.1	
+3 C.		7.9	194.2	
		9.7	192.4	
¼		10.8	191.3	
℄		11.3	190.8	
¼		12.5	189.6	
C		12.3	189.8	
WL		13.9	188.2	
+15		15.2	186.9	
		450'S.		
-15		16.2	185.9	
WL		15.0	187.1	
C		13.2	188.9	
¼		12.8	189.3	
℄		11.4	190.7	
¼		10.3	191.8	
C		10.0	192.1	
EL +1		9.1	192.4	
		6.7	195.4	

		20208		
T.P.		11.56	190.52	
	3.81	194.33		
		475'S		
EL		1.4	192.9	
C		3.2	191.1	
¼		4.5	189.8	
℄		5.6	188.7	
¼		6.8	187.5	
C		7.7	186.6	
WL		9.0	185.3	
+15		10.5	183.8	
80' Wide Graded for 20' Walks.		500'S = N.E. Exchange Place.		
WL		9.3	185.0	
C		8.9	185.4	
¼		8.0	186.3	
℄		7.0	187.3	
¼		5.7	188.6	
C		4.0	190.3	= Top.
		5.5	188.8	= Bot below
EL.		1.7	192.6	Top.
		5.3	189.0	

	1943 3		
	N Curb.		
EL.	5.8	188.5	
C	5.9	188.4	
1/4	6.1	188.2	
℄	6.8	187.5	
1/4	7.6	186.7	
C	8.9	185.4	
WL.	11.5	182.8	
	N 1/4		
WL.	11.7	182.6	
C	8.6	185.7	
1/4	7.4	186.9	
℄	7.1	187.2	
1/4	6.8	187.5	
C	6.5	187.8	
EL.	5.7	188.4	
	℄		
EL.	5.9	188.4	
C	7.2	187.1	
1/4	7.5	186.8	

	1943 3		
℄	7.6	186.7	
1/4	8.3	186.0	
C	9.9	184.4	
WL	12.1	182.2	
	S 1/4		
WL	12.2	182.1	
C	11.0	183.3	
1/4	9.8	184.5	
℄	9.2	185.1	
1/4	8.7	185.6	
C	8.2	186.1	
EL	6.7	187.6	
	S. Curb.		
EL.	6.6	187.7	
C	8.7	185.6	
1/4	9.3	185.0	
℄	10.1	184.2	
1/4	10.8	183.5	
C	11.4	182.9	
WL	12.2	182.1	

		19433			
			S. L. Exchange		
WL			12.6	181.7	
C			11.9	182.4	
1/4			11.3	183.0	
¢			10.6	183.7	
1/4			9.9	184.4	
C			9.0	185.3	
EL			6.5	187.8	
		25's			
EL			6.3	188.0	
+8 C			8.2 9.4	186.1 184.7	
1/4			9.9	184.4	
¢			11.0	183.3	
1/4			11.4	182.9	
C			12.0	182.3	
WL			13.6	180.7	
		50's			
WL			13.4	180.9	
C			11.8	182.5	
1/4			10.8	183.5	

		19433			
¢			9.6	184.7	
1/4			8.2	186.1	
C			7.3	187.0	
+17 EL			6.0 4.6	188.3 189.7	
		75's			
EL			5.8	188.5	
C			7.6	186.7	
1/4			8.5	185.8	
¢			9.5	184.8	
1/4			10.2	184.1	
C			10.4	183.9	
WL			11.3	183.0	
+10			13.3	181.0	
		100's	13.6	180.7	
-10 WL			12.6	181.7	
C			11.5	182.8	
1/4			10.7	183.6	
¢			10.2	184.1	
1/4			9.3	185.0	
C			7.7	186.6	
EL			5.5	188.8	

		1943 3		
		150'S.		
EL			7.2	187.1
C			9.7	184.6
1/4			10.2	184.1
℄			10.3	184.0
1/4			11.6	182.7
C			12.5	181.8
WL			13.1	181.2
+10			13.6	180.7
		200'S.		
-10			16.1	178.2
WL			15.6	178.7
C			15.4	178.9
1/4			15.1	179.2
℄			13.5	180.8
1/4			12.6	181.7
C			12.0	182.3
EL			10.1	184.2

		1943 3		
T.P.				
			12.79	181.54
	165	183.19		
		250'S.		
EL			2.3	180.9
C			4.0	179.2
1/4			4.4	178.8
℄			4.4	178.8
1/4			5.1	178.1
C			6.9	176.3
WL			7.2	176.0
+10			8.7	174.5
		300'S.		
-10			11.4	171.8
WL			10.8	172.4
C			9.2	174.0
1/4			9.0	174.2
℄			8.7	174.5
1/4			7.5	175.7
C			7.0	176.2
EL			5.5	177.7

	1831.9		
	350'S.		
EL	8.2	175.0	
C	10.8	172.4	
1/4	11.3	171.9	
E	11.4	171.8	
1/4	11.8	171.4	
C	11.8	171.4	
WL	14.4	168.8	
+10	14.7	168.5	
	400'S.		
-10	16.6	166.6	
WL	16.0	167.2	
C	15.6	167.6	
1/4	15.4	167.8	
E	14.6	168.6	
1/4	13.6	169.6	
C	13.2	170.0	
EL 15	12.3	171.0	
	10.7	172.5	

	1831.9 ✓		
T.P.		12.80	170.39 ✓
	0.96 171.35 ✓		
	450'S.		
EL		1.7	169.7
C		3.4	168.0
1/4		4.0	167.4
E		4.9	166.5
1/4		5.1	166.3
C		6.6	164.8
WL		7.7	163.7
+10		8.0	163.4
	475'S.		
+10		9.7	161.7
WL		9.2	162.2
C		8.3	163.1
1/4		7.2	164.2
E		6.6	164.8
1/4		5.1	166.3
C		3.1	168.3
EL		1.2	170.2

17135

80' Wide
14' Walks 13' 1/4's

500's = NL Magnolia.

EL	2.3	169.1
C	5.5	165.9
1/4	6.6	164.8
℄	7.7	163.7
1/4	7.8	163.6
C	8.0	163.4
WL	9.2	162.2
+10	10.6	160.8
N Curb.		
-10	11.5	159.9
WL	10.0	161.4
C	8.5	162.9
1/4	8.6	162.8
℄	8.3	163.1
1/4	7.8	163.6
C	5.6	165.8
EL +10	3.3	168.1
	2.2	169.2

17135

N 1/4

EL	3.2	168.2
C +10	4.7	166.7
	7.2	164.2
1/4	8.2	163.2
℄	8.6	162.8
1/4	9.7	161.7
C	10.1	161.3
WL	11.5	159.9
+10	12.1	159.3
℄ Magnolia.		
-10	12.7	158.7
WL	12.3	159.1
C	11.3	160.1
1/4	10.5	160.9
℄	9.3	162.1
1/4	8.6	162.8
C	7.7	163.7
EL	4.6	166.8

171.35

S/4

EL	4.8	166.6
C +12	6.3	165.1
	8.0	163.4
1/4	9.3	162.1
℄	10.1	161.3
1/4	11.0	160.4
C	11.9	159.5
WL	12.6	1588
+10	13.1	1583

S. Curb.

-10	13.2	1582
WL	12.7	1587
C	12.2	1592
1/4	11.1	160.3
℄	10.5	160.9
1/4	10.0	161.4
C	9.3	162.1
EL +10	6.5	164.9
	5.7	165.7

171.35

SL Magnolia

EL	7.5	163.9
C	10.1	161.3
1/4	10.6	160.8
℄	10.9	160.5
1/4	11.5	159.9
C	12.6	1588
WL	13.2	1582
+10	14.3	157.1

25'S.

-10	15.0	156.4
WL	15.0	156.4
C	13.8	157.6
1/4	13.3	158.1
℄	13.0	158.4
1/4	12.4	159.0
C	11.4	160.0
EL	8.0	163.4

		171.35		
T.P.			12.95	158.40
	2.08	160.48		
		50'S.		
EL			+0.4	160.9
C			0.8	159.7
¼			2.4	158.1
℄			3.1	157.4
¼			3.8	156.7
C			4.8	155.7
WL			5.0	155.5
+10			5.1	155.4
		100'S.		
-10			7.7	152.8
WL			6.9	153.6
C			5.4	155.1
¼			5.4	155.1
℄			5.2	155.3
¼			3.9	156.6
C			3.4	157.1
EL			2.5	158.0

		160.48		
		150'S.		
EL			5.6	154.9
C			6.2	154.3
¼			6.4	154.1
℄			6.5	154.0
¼			7.8	152.7
C			8.2	152.3
WL			8.5	152.0
		200'S.		
WL			10.0	150.5
C			9.6	150.9
¼			9.6	150.9
℄			9.5	151.0
¼			9.3	151.2
C			8.9	151.6
EL			8.4	152.1
		250'S.		
EL			10.7	149.8
C			11.7	148.8
¼			11.7	148.8

		160.48		
℄			11.8	148.7
1/4			12.1	148.4
C			12.2	148.3
WL			12.5	148.0
T.P.			12.83	147.65
	240	150.05		
		300'S		
WL			5.9	144.2
C			5.2	144.9
1/4			4.6	145.5
℄			3.1	147.0
1/4			1.9	148.2
C			1.5	148.6
EL			1.6	148.5
		350'S		
EL			3.8	146.3
C			4.9	145.2
1/4			5.8	144.3
℄			6.3	143.8
1/4			6.7	143.4

		150.05		
C			7.4	142.7
WL			8.6	141.5
			9.3	140.8
		400'S		
WL			12.2	137.9
C			11.2	138.9
1/4			10.5	139.6
℄			9.4	140.7
1/4			8.8	141.3
C			8.6	141.5
EL			7.1	143.0
		450'S		
EL			12.5	137.6
C			13.1	137.0
1/4			13.8	136.3
℄			14.1	136.0
1/4			15.1	135.0
C			15.2	134.9
WL			15.1	135.0

		15005			
T.P.					
			12.97	137.08	
	064	137.72			
80' Wide 14' Walk.	500' S=NL. High St. on W. side.				
WL			6.7	131.0	
C			6.2	131.5	
1/4			5.6	132.1	
℄			5.2	132.5	
1/4			4.9	132.8	
C			4.8	132.9	
EL			4.1	133.5	
		N. Corb.			
EL			5.5	132.2	
C			5.6	132.1	
1/4			5.7	132.0	
℄			6.4	131.3	
1/4			7.1	130.6	
C			7.4	130.3	
WL			7.7	130.0	

		13772			
		N 1/4			
WL			8.9	128.8	
C			8.4	129.3	
1/4			8.1	129.6	
℄			7.7	130.0	
1/4			7.2	130.5	
C			6.8	130.9	
EL			6.9	130.8	
		℄ High.			
EL			8.2	129.5	
C			8.1	129.6	
1/4			8.3	129.4	
℄			8.3	129.4	
1/4			9.0	128.7	
C			9.4	128.3	
WL			9.8	127.9	
		5 1/4.			
WL			11.0	126.7	
C			10.4	127.3	
1/4			9.7	128.0	

		137.72		
℄			9.2	128.5
1/4			8.9	128.8
C			9.0	128.7
EL.			9.3	128.4
		5 Curb		
EL			9.9	127.8
C			9.9	127.8
1/4			9.9	127.8
℄			10.0	127.7
1/4			10.8	126.9
C			11.6	126.1
WL.			12.2	125.5
		SL. x High		
WL			13.0	124.7
C			12.7	125.0
1/4			12.3	125.4
℄			11.7	126.0
1/4			11.5	126.2
C			11.2	126.5
EL.			10.9	126.8

		137.72 ✓		
T.P.			11.60	126.12 ✓
	0.30	126.42 ✓		
		50' S. High.		
EL			2.0	124.4
C			2.7	123.7
1/4			3.0	123.4
℄			3.1	123.3
1/4			3.6	122.8
C			3.6	122.8
WL.			3.5	122.9
		100' S.		
WL.			5.9	120.5
C			5.4	121.0
1/4			5.4	121.0
℄			5.3	121.1
1/4			5.5	120.9
C			5.3	121.1
EL			4.7	121.7

12642

Sec A = 134.5 'S = Angle pt on WL.

EL.		6.8	119.6
C		7.3	119.1
1/4		7.2	119.2
℄		6.8	119.6
1/4		6.2	120.2
C		5.7	120.7
WL.		5.8	120.6

27.8 'S on EL = Angle pt Sec B — See Sketch Page 23.

WL.		5.8	120.6
C		6.2	120.2
1/4		6.7	119.7
℄		7.2	119.2
1/4		7.7	118.7
C		8.2	118.2
EL		8.8	117.6

See page 23 = Sec C = 23.53 'S of Sec. B. on EL.

EL		9.5	116.9
C		8.5	117.9
1/4		8.0	118.4

12642

℄		7.5	118.9
1/4		6.9	119.5
C		6.4	120.0
WL.		5.8	120.6

60' Wide 10' W + 1/4's. Sec D = 7.8 'S of C. = N.L. Hermosa on E side St. See page 23.

WL.		6.0	120.4
C		6.4	120.0
1/4		7.0	119.4
℄		7.3	119.1
1/4		8.1	118.3
C		8.5	117.9
EL		9.0	117.4

N.L. Curb of Hermosa

EL.		8.5	117.9
C		8.5	117.9
1/4		8.0	118.4
℄		7.2	119.2
1/4		6.7	119.7
C		6.1	120.3
WL.		5.4	121.0

		126.42		
		W/4		
WL			4.7	121.7
C			5.9	120.5
1/4			6.6	119.8
℄			7.1	119.3
1/4			8.1	118.3
C			8.5	117.9
EL			9.0	117.4
		℄ Hermosa		
EL			9.5	116.9
C			8.7	117.7
1/4			8.1	118.3
℄			7.1	119.3
1/4			6.7	119.7
C			6.1	120.3
WL			5.0	121.4
		S/4		
WL			5.5	120.9
C			6.4	120.0
1/4			6.9	119.5

		126.42		
℄			7.2	119.2
1/4			8.2	118.2
C			8.7	117.7
EL			9.5	116.9
		S. Curb.		
EL			9.6	116.8
C			8.7	117.7
1/4			8.1	118.3
℄			7.3	119.1
1/4			7.3	119.1
C			7.0	119.4
WL			6.7	119.7
		S.L. Hermosa.		
WL			8.1	118.3
C			7.9	118.5
1/4			7.9	118.5
℄			7.8	118.6
1/4			8.4	118.0
C			8.8	117.6
EL			9.4	117.0

		126.42			
		50'S.			
EL			11.2	115.2	
C			11.1	115.3	
1/4			11.2	115.2	
℄			11.1	115.3	
1/4			11.7	114.7	
C			12.0	114.4	
WL			13.0	113.4	
T.P.			12.89	113.53	
	0.87	114.40			
		100'S.			
WL			4.4	110.0	
C			4.1	110.3	
1/4			3.6	110.8	
℄			3.0	111.4	
1/4			2.5	111.9	
C			2.2	112.2	
EL			1.9	112.5	

		114.40			
		150'S.			
EL			5.2	109.2	
C			5.6	108.8	
1/4			6.1	108.3	
℄			6.3	108.1	
1/4			6.8	107.6	
C			6.8	107.6	
WL			6.9	107.5	
		200'S.			
WL			8.8	105.6	
C			9.0	105.4	
1/4			9.0	105.4	
℄			8.8	105.6	
1/4			8.7	105.7	
C			8.7	105.7	
EL			8.2	106.2	
		250'S.			
EL			11.1	103.3	
C			10.2	104.2	
1/4			10.4	104.0	

	1144			
℄		10.5	103.9	
1/4		11.0	103.4	
C		11.6	102.8	
WL		12.0	102.4	
60' Wide 10' Walks 1/4s.	272'5 =	NL Chola St.		
WL		12.5	101.9	
WC		12.1	102.3	
1/4		11.6	102.8	
℄		10.8	103.6	
1/4		11.1	103.3	
C		11.4	103.0	
EL		12.2	102.2	
T.P Hub. N.E Cor Colegio-Chola		12.23	102.17	
	194	104.11		
		N Curb.		
EL		2.3	101.8	
C		2.1	102.0	
1/4		1.7	102.4	
℄		1.5	102.6	
1/4		1.8	102.3	

	104.11			
C		2.1	102.0	
WL		3.3	100.8	
	N 1/4			
WL		3.9	100.2	
C		2.3	101.8	
1/4		2.3	101.8	
℄		2.4	101.7	
1/4		2.7	101.4	
C		3.0	101.1	
EL		3.0	101.1	
	℄ Chola St.			
EL		3.9	100.2	
C		3.3	100.8	
1/4		3.1	101.0	
℄		2.8	101.3	
1/4		2.4	101.7	
C		2.4	101.7	
WL		4.4	99.7	

		104.11			
		5 1/4			
WL			4.9	99.2	
C			2.9	101.2	
1/4			3.1	101.0	
℄			3.2	100.9	
1/4			3.8	100.3	
C			4.0	100.1	
EL			4.3	99.8	
		5. Curb.			
EL			5.0	99.1	
C			4.7	99.4	
1/4			4.7	99.4	
℄			4.2	99.9	
1/4			3.7	100.4	
C			3.5	100.6	
WL			5.2	98.9	
		5. L. Chula St			
WL +10			5.6	98.5	
			5.5	98.6	
C			4.3	99.8	
1/4			4.5	99.6	

		104.11			
℄			5.3	98.8	
1/4			5.7	98.4	
C			5.8	98.3	
EL			5.6	98.5	
		25' S			
EL +8			4.8	99.3	
			4.5	~~99.6~~	
C			5.4	98.7	
1/4			6.7	97.4	
℄			7.0	97.1	
1/4			7.2	96.9	
C			6.9	97.2	
WL			6.5	97.6	
		50' S.			
WL			7.6	96.5	
C			7.9	96.2	
1/4			7.5	96.6	
℄			6.3	97.8	
1/4			5.8	98.3	
C			5.5	98.6	
EL			5.2	98.9	

104.11

75'S.

EL.	5.5	98.6	
C	6.0	98.1	
1/4	6.3	97.8	
℄	6.8	97.3	
1/4	7.0	97.1	
C	7.3	96.8	
WL.	9.4	94.7	
+10	9.0	95.1	

100'S.

WL.	8.4	95.7	
C	7.9	96.2	
1/4	7.6	96.5	
℄	7.1	97.0	
1/4	6.6	97.5	
C	6.4	97.7	
EL.	5.7	98.4	

104.11

Sec E. 155'6'S = Int. on WL with State

EL.	6.3	97.8	
C	7.0	97.1	
1/4	7.5	96.6	
℄	7.8	96.3	
1/4	8.4	95.7	
C	8.8	95.3	
WL.	9.5	94.6	

Int with State on EL. Sec F. = 280'S. on EL. 155.7 on WL.

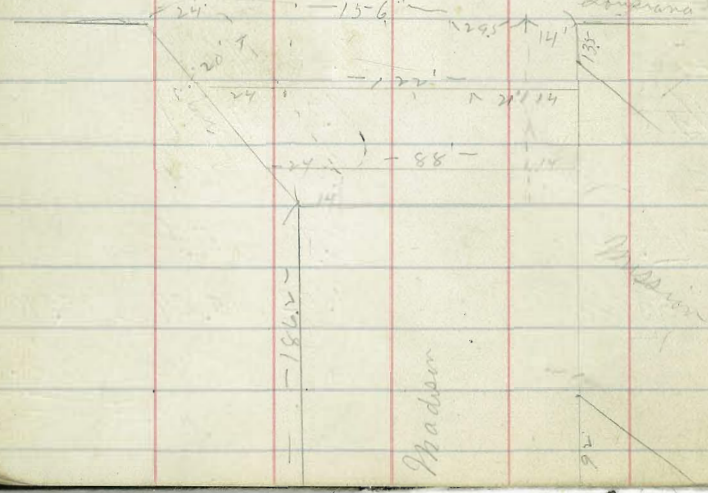
WL.	9.5	94.6	
C	8.8	95.3	
1/4	8.7	95.4	
℄	7.8	96.3	
1/4	8.0	96.1	
C	8.0	96.1	
EL.	8.7	95.4	
T.P. Gas Pipe.	8.52	95.59	95.59

Checks OK.

5/21/13 Blonji Taylor

X sec of Madison St (86')
Louisiana to Boundry

	1.02	35215		351.13	(from SW Adams Louisiana
	4.95	34915 349.2	7.95	344.20	TP
(156')	E Lin of Louisiana St				
2			5.7	43.5	
13' lh			6.1	43.1	
(29.5') 4			5.5	43.7	
29.5' 6			6.5	42.7	
(29.5') 4			6.6	42.6	
29.5' lh			6.7	42.5	
(24') 5			6.4	42.8	
	13.6' S of Louisiana				
N 2			4.7	44.5	



		349.15			Madison
		349.2			
(122')	50'	E of Louisiana			
(14') lh			4.5	44.7	
lh			5.0	44.2	
(21') 7			5.3	43.9	
21 6			5.4	43.8	
21 7			5.9	43.3	
21 4			6.0	43.2	
24 5			5.7	43.5	
(88')	100'	E of Louisiana			
N 2			4.9	44.3	
lh			4.7	44.5	
4			4.9	44.3	
6			4.9	44.3	
7			5.2	43.5	
4			5.8	43.4	
S 2			6.1	43.1	

351.13
1.02
352.15
2.95
344.20
4.95
349.15

34915

349.2

1138 E = Angle of Incidence on S

S		6.0	43.2
		6.0	43.2
		5.5	43.7
b		4.7	44.5
		4.8	44.4
		4.8	44.4
n		4.6	44.6

150 E of Louisana

n		4.7	44.5
		4.7	44.5
		4.9	44.3
b		4.8	44.4
		5.4	43.8
		3.8	45.4
S		4.4	44.8

34915

349.2

.208 E of Louisana

S		5.0	44.2
		5.7	43.5
		5.7	44.0
		4.9	44.3
n		5.0	44.2
		4.6	44.6
		4.2	45.0

n 20.8 E = E of Incidence n

n		3.3	45.9

2.50 E of Louisana

n		2.9	46.3
		3.8	45.4
		4.6	44.6
b		4.3	44.9
		4.5	44.7
		4.5	44.7
S		4.8	44.3

34915

3492

(Graded)

	30'	E = W Texas	(50)
S		(3.7) 3.8	44.0 45.4
		(3.3) 4.1	44.9 45.1
		4.4	44.8
		3.8	45.4
		4.2	45.0
		4.0	45.2
		3.8	45.4
TP	10.62	3.81	34534
	E line of 356.0	Texas	
		9.7	46.3
		9.9	46.1
		10.2	45.8
		10.0	46.0
		10.2	45.8
		9.9	46.1
		9.6	46.4

356.0

	50'	E of Texas		
S		9.4	46.4	34915-361 = 34553 + 1062 = 35615
		9.3	46.7	
		9.0	47.0	
		8.9	47.1	
		9.2	46.8	
		7.7	48.3	
		7.0	49.0	

	10'	E of Texas		
		7.0	49.0	
		7.0	49.0	
		7.2	48.8	
		7.0	49.0	
		7.2	48.8	
		7.7	48.3	
		7.9	48.1	

		355.96			
		356.0			
	150	E of	Texas		
S			4.6	√1.4	
			4.7	√1.3	
			4.0	√2.0	
b			3.3	√2.7	
			4.2	√1.8	
			4.1	√1.9	
n			3.4	√2.6	
TP	1.38	367.71	0.63	355.33	
	200	E of	Texas		
		347.7			
n			10.6	√7.1	
			10.0	√7.7	
	+11'		10.5	√7.2	
4			12.2	√5.5	
b			10.8	√6.9	
			11.1	√6.6	
			11.5	√6.2	
S			12.0	√5.7	

		367.71			Madison
		367.7			
	250'	E of	Texas		
S			6.9	60.8	355.96
			6.7	61.0	355.33
			6.1	61.6	367.71
b			5.8	61.9	366.79
			7.0	60.7	11.95
	+1'		6.0	61.7	378.74
			6.1	61.6	
n			5.8	61.9	
	275'	E of	Texas		
n			2.5	65.2	
	300'	E of	Texas	Arizona (Sec)	
n			1.8	65.9	
			1.6	66.1	
			2.2	65.5	
b			1.3	66.4	
			1.6	66.1	
			2.5	65.2	
S			2.5	65.2	
TP	11.95	378.24	0.9	366.79	

X Sec of Arizona Interstate is in
B .876 P 4-

37874

378.7

E Line of Arizona st

S	8.6	70.1	
	8.3	70.4	
	7.8	70.9	
b	7.7	71.0	
	8.4	70.3	
	8.1	70.6	
n	7.4	71.3	

50' E of Arizona

n	5.2	73.5	
	5.8	72.9	
	6.4	72.3	
b	5.8	72.9	
	6.1	72.6	
	5.4	73.3	
S	6.0	72.7	

37874

378.7

100' E of Arizona

S	4.6	74.1	
	4.5	74.2	
	4.4	74.3	
b	4.0	74.7	
	4.5	74.2	
	4.4	74.3	
n	4.0	74.7	

150' E of Arizona

n	3.2	75.5	
	3.1	75.6	
	3.4	75.3	
b	2.9	75.8	
	3.1	75.6	
	3.2	75.5	
S	3.8	74.9	

		378.74			
		378.7			
	175'	E of	Guzzma		
S			3,7	76.0	
			1,6	77.1	
			1,0	77.7	
b			2,3	76.4	
			3,4	76.3	
			3,3	76.4	
n			2,0	76.7	
	200'	E of	Guzzma		
n			1,9	76.8	
			2,7	76.0	
			2,8	76.9	
b			2,1	76.6	
			2,3	76.4	
			2,8	76.9	
S			2,7	76.0	

		378.74			Madison
		378.7			
	250'	E of	Guzzma		
S			2,3	76.4	378.74
			1,8	76.9	378.7
			1,6	77.1	378.10
b			1,2	77.5	
			2,0	76.7	
	73'		0,0	78.7	
			1,3	77.4	
n			0,0	78.7	
	834	38610	0,98	377.76	
	300'	E of	Hamilton St (80')		Graded
n		84.1	2,4	78.7	
			2,5	78.6	
			8,4	77.7	
b			8,0	78.1	
			8,2	77.9	
			8,2	77.9	
S			7,9	78.2	

Madison

38610

84.1

E Sec of Hamilton

S	6.9	79.2	
	7.1	79.0	
	7.4	78.7	
b	6.8	79.3	
	7.3	78.7	
	6.6	79.5	
n	6.3	79.8	

50' E of Hamilton St

n	6.3	79.8	
	6.9	79.2	
	7.1	79.0	
b	6.4	79.7	
	6.9	79.2	
	6.8	79.3	
S.	6.8	79.3	

38610

84.1

100' E of Hamilton

S	6.5	79.4	
	6.7	79.4	
	6.4	79.7	
b	6.1	80.0	
	6.6	79.5	
7V	5.0	81.1	
	6.6	79.5	
n	6.8	79.3	

150' E of Hamilton

n	6.2	79.9	
	5.2	80.9	
+10'	4.8	81.3	
	6.0	80.1	
b	5.8	80.3	
	6.3	79.8	
	6.1	80.0	
S	6.0	80.1	

		38610						38610				
		84.1						84.1				
	200	E of	Hamilton				300	E = W of	Oregon st (80)			
S			5,8	80.3			S		5,7	80.4		
			5,7	80.4					5,0	81.1		
			5,8	80.3					5,1	81.0		
b			5,4	80.7			b		4,9	81.2	38610	
			6,0	80.1					5,5	80.6	5,60	
			5,8	80.3					5,5	80.6	38050	
n			5,3	80.8			n		5,5	80.6	4,12	
	250	E of	Hamilton				TP	412	38462	5,60	38050	
n			5,5	80.1					84.4	E of Oregon st		
			5,9	80.2			n			4,3	80.3	
	710		4,7	81.4						4,0	80.6	
			5,8	80.3						4,0	80.6	
b			5,1	81.0			b			3,6	81.0	
			5,5	80.6						3,7	80.9	
			5,7	80.4						2,7	81.9	
S			5,3	80.8			S			3,7	80.9	

		384.6 v / 84.4			
	50	E f	Oregon sr		
S			4.6	80.0	
			3.3	81.3	
	76		2.4	82.7	
			4.0	80.6	
b			3.8	80.8	
			4.3	80.3	
			4.5	80.1	
n			4.2	80.4	
	100	E f	Oregon		
n			4.9	79.7	
			5.0	79.6	
			4.6	80.0	
b			4.3	80.3	
			4.4	80.2	
			4.5	80.1	
S			4.9	79.7	

		384.6 v / 84.4			Madison
	150	E f	Oregon		
S			4.4	80.2	
			5.2	79.4	
			4.8	79.8	
b			4.6	80.0	
			4.8	79.8	
			5.0	79.6	
n			3.6	81.0	
	200	E f	Oregon		
n			6.1	78.5	
			5.5	79.1	
			5.9	78.7	
b			5.3	79.3	
			5.6	79.0	
			6.3	78.3	
S			4.9	79.7	

		384.62			
		84.4			
	350	E &	Oregon		
S			6.2	78.4	
			6.0	78.6	
			6.0	78.6	
b			5.6	79.0	
			6.3	78.3	
			6.3	78.3	
n			6.1	78.5	
	300	E = N	Sin of	Idaho st (Graded) (80)	
a			5.2	79.4	
			5.2	79.4	
			5.6	79.0	
b			5.3	79.3	
			5.6	79.0	
		on bank	(6.0 5.2)	78.6 79.4	
		on Grade	(7.8 6.8)	79.8 77.8	
S					
TP	350	382.97	5.15	379.47	

		382.97			Madison
		83.0			
		E line of	Idaho	st	54
S			3.9	79.1	384.62
			4.0	79.0	5.15 379.47 3.50 382.97
			4.5	78.5	
b			4.0	79.0	
			4.4	78.6	
		Gutter	4.6	78.4	
		b on bank	4.0	79.0	
		curb &	Side Walk on	in on North	
		side of	Street	Idaho st & Alley	
		5.0'	E of	Idaho	
		n bank	bank	4.3	78.7
			Gutter	5.3	77.7
				5.0	78.0
b				4.8	78.2
				5.2	77.8
				5.5	77.5
S				5.8	77.2

		3829.97			
		83.0			
	100'	E &	Idaho		
S			5.9	77.1	
			6.1	74.9	
			5.3	77.7	
b			4.7	78.3	
			5.1	77.9	
			5.2	77.8	
Nbh	Butte		4.5	78.5	
	150'	E &	Idaho		
n			5.6	77.4	
bh			5.0	78.0	
			5.6	77.4	
b			5.0	78.0	
			5.1	77.9	
			5.5	77.5	
S			5.6	77.4	

		3829.97			Madison
		83.0			
	200'	E &	Idaho		
S			5.9	77.1	
			5.5	77.5	
			5.5	77.5	
b			5.0	78.0	
			5.6	77.4	
			5.3	77.7	
n			5.0	78.0	
	250'	E &	Idaho		
n			4.8	78.2	
			5.0	78.0	
			5.5	77.5	
b			5.0	78.0	
			5.4	77.6	
			5.6	77.4	
S			4.7	78.3	

38297

83.0

300' E = W ¼ of Utah St (80')

S	5,0	78.0
	6,0	77.0
	5,7	77.3
b	5,1	77.9
	5,5	77.5
	5,0	78.0
n	4,9	78.1

W bet of Utah

n	4,9	78.1
	5,0	78.0
	5,3	77.7
b	5,0	78.0
	5,5	77.5
	6,0	77.0
S	5,9	77.1

38297

83.0

Jackson

W ¼ of Utah St

S	6,0	77.0
	6,1	76.9
	5,5	77.5
b	4,8	78.2
	5,2	77.8
	5,4	77.6
n	5,1	77.9

Cent. of Utah

n	5,3	77.7
	5,2	77.8
	5,1	77.9
b	4,8	78.2
	5,3	77.7
	5,9	77.1
S	6,0	77.0

		38297			
		83.0			
	E	¼ of	Sec 4		
S			6.2	76.8	
			6.0	77.0	
			5.5	77.5	
6			4.9	78.1	
			5.5	77.5	
			5.6	77.4	
n			5.6	77.4	
	E	South of	Sec 4		
n			5.3	77.7	
			5.3	77.7	
			5.5	77.5	
6			5.0	78.0	
			5.5	77.5	
			6.0	77.0	
S			6.1	76.9	

		38297			Inclusion
		83.0			
	E	S line of	Sec 4		
S			6.4	76.6	38297
			5.7	77.3	643
			5.2	77.8	37654
T			5.0	78.0	535
			5.8	77.2	38189
			5.5	77.5	
n			5.4	77.6	H.S.C. with
TP	535	38189	643	37654	
	40	81.9 E of	Sec 4		
S 2			3.4	78.6	
	50	E of	Sec 4		
S 2			4.2	77.7	
			4.8	77.1	
			4.5	77.4	
6			3.9	78.0	
			4.7	77.2	
			4.2	77.7	
n			4.1	77.8	

		381.84			
		81.9			
	100'	E of	Total		
N			4,1	77.8	
			4,3	77.6	
			4,7	77.2	
b			4,1	77.8	
			4,3	77.6	
			4,8	77.1	
S			5,0	76.9	
	125'	E of	Total		
S			3,3	78.6	
	150'	E of	Total		
S			5,0	76.9	
			5,0	76.9	
			4,6	77.3	
b			4,4	77.5	
			4,7	77.2	
			4,4	77.5	
N			4,3	77.6	
	175'	E of	Total		
S2			3,5	78.4	

		381.89			Madison
		81.9			
	200'	E of	Total		
N			4,6	77.3	
			4,5	77.4	
			4,9	77.0	
b			4,3	77.6	
			4,9	77.0	
			5,2	76.7	
S			5,0	76.9	
	225'	E of	Total		
S			3,5	78.4	
	250'	E of	Total		
S			5,4	76.5	
			5,1	76.8	
			4,8	77.1	
b			4,7	77.7	
			4,6	77.3	
			4,4	77.5	
N			4,0	77.9	
	280	E of	Total		
S			5,1	76.8	
N			3,8	78.1	
710			2,8	79.1	
4			4,7	77.2	

		38189			
		81.9			
	30'	E = W L of	Kansas	H(80')	
n			4.0	77.9	
			4.3	77.4	
			4.3	77.6	
l			3.8	78.1	
			4.6	77.3	
	75'		4.0	77.9	
			4.7	77.2	
S			5.2	74.7	
TP	6.98	38392	4.95	37694	
		83.9			
	E	L of	Kansas	H	
S			5.0	78.9	
			6.0	77.9	
			5.7	78.2	
l			5.7	78.8	
			5.7	78.2	
			5.8	78.1	
n			5.6	78.3	

		38392			Madison
		83.9			
	20'	E of	Kansas		
n			3.2	80.7	38189
			4.8	79.1	376.94
			5.6	78.3	383.92
l			5.1	78.8	
			6.0	77.9	
			4.5	79.4	
S			5.6	78.3	
	50'	E of	Kansas		
S			3.0	80.9	
			4.1	79.8	
			5.1	78.8	
l			4.4	79.5	
			4.9	79.0	
			3.0	80.9	
n			4.4	79.5	

		38392 83.9			
	75'	E of	Kansas		
n			4.4	79.5	
			4.2	79.7	
			4.3	79.6	
b			4.0	79.9	
			4.9	79.0	
			5.0	78.8	
S			4.8	79.1	
	100	E of	Kansas		
S			3.8	80.1	
			4.6	78.3	
			4.0	79.9	
b			3.3	80.6	
			4.0	79.9	
			3.8	80.1	
n			2.0	81.9	

					Madison
		38392 83.9			
	125'	E of	Kansas		
n			3.0	80.9	
			3.1	80.2	
			3.3	80.6	
b			2.8	81.1	
			3.6	80.3	
			2.6	81.3	
S			3.2	80.7	
	150'	E of	Kansas		
S			2.0	81.9	
			2.8	81.1	
			2.8	81.1	
b			2.0	81.9	
			2.6	81.3	
			2.8	81.1	
n			1.5	82.4	

		38392			
		83,9			
	175°	E of	Kansas		
n			1,6	82,3	
			0,2	83,7	
	75°		0,2	83,7	
	76		2,0	81,9	
			2,0	81,9	
b			1,7	82,2	
			2,5	81,4	
			2,6	81,3	
S			2,0	81,9	
	TP	570	38825	1,37	38255
		88,3			
		200'	E of	Kansas	
S				4,5	83,8
				6,0	82,3
				~~5,9~~	
				6,2	82,1
b				5,5	82,8
				6,0	82,3
				6,6	81,7
n				5,7	82,6

		38825			Madison
		88,3			
	225°	E of	Kansas		
n			4,7	83,4	38392
					1,37
			4,7	83,6	38255
					5,70
			5,4	82,9	38825
b			5,0	83,3	
			5,6	82,7	
			5,4	82,9	
S			6,0	82,3	
	250	E of	Kansas		
S			5,0	83,3	
			4,4	83,9	
			5,2	83,1	
b			4,4	83,9	
			5,1	83,2	
			5,3	83,0	
n			5,2	83,1	
			46		

		38825 / 88.3					38825 / 88.3					Madison
	275	E of	Kansas			E of		Nebraska				
n			4.6	83.7				2.2	86.1			
			3.3	84.0				2.5	84.8			
			4.6	83.7				3.3	84.0			
b			4.0	84.3		b		2.5	84.8			
			4.8	83.5				3.1	85.2			
			5.0	83.3				3.1	85.2			
S			4.9	83.4		S		3.3	84.0			
			Nebraska									
	300	E = W of	30th St (58)			50	E of	Nebraska				
S			3.6	84.7		S		2.4	84.9			
			4.6	83.7				2.3	86.0			
			4.6	83.7				2.3	86.0			
b			3.7	84.6		b		1.8	86.5			
			4.1	84.1				2.5	84.8			
			3.7	84.6				1.3	87.0			
n			4.1	84.2		n		1.0	87.3			
							75	E				
						n		2.0	86.3			

		38825 / 88.3						39297 / 93.0			
	100'	E ℄	Nebraska			775	E ℄	~~30~~			
n			0.1	88.2	n			5.7	87.9	38825 / 1.06	
			0.9	87.4				3.5	89.5	387.11 / 1.56	
710			0.0	88.3	719			3.6	89.4	389.97	
			1.5	86.8				4.8	88.2		
								5.1	87.9		
b			1.0	87.3	b			4.9	88.1		
			1.4	86.9				5.6	87.4		
			1.5	86.8				4.0 / 4.0	89.0		
			1.8	86.5	710 S			3.0	88.0		
TP	5.86	39297 / 93.0	1.86	38711			200	E ℄	~~30~~		
	150	E ℄	~~30~~		S			3.0	88.0		
S			6.0	87.0				5.4	87.4		
			6.4	86.6				3.0	88.0		
			5.6	87.4	b			4.5	88.5		
			4.8	88.2				4.9	88.1		
6			5.4	87.6				4.9	88.1		
			5.5	87.5	n			3.0	88.0		
n			5.5	87.5							

			392.97 93.0								392.97 93.0			Madison
	250	E ℄	Nebraska					E ℄	Ohio					
n			3,0	90.0			n			3,9	89.1			
			3,4	89.6						4,1	88.9			
			4,8	88.2						4,4	88.6			392.97 4.13 388.84
			4,2	88.8			b			4,1	88.9			
			4,6	88.4						4,2	88.8			392.97 392 399.05 394.16 390.26
			4,1	88.9						4,1	88.9			
S			5,2	87.8			S			3,8	89.2			
	300	E & W	Ohio	(80)	(Grades)		TP			4,10	38857			TP on Curve
S			3,8	89.2			TP	514	393.41	3,92	388.45			
on Curb			4,1	88.9						390	390.26			
			4,5	88.4				486	393.73 93.7		388.87			388.87 4.86 393.73
b			4,3	88.7				350	E ℄	Ohio	on			
			4,3	88.7			S			5-4	88.3			
on Curb			4,1	88.9						5-2	88.5			
n			3,8	89.2						5-0	88.7			
							l			4,4	89.3			
										5-3	88.4			
										5-3	88.4			
							n			4,7	89.0			

29373

93.7

	100	E of	Ohio	st	
N			4,6	89.1	
			4,7	89.0	
			5,0	88.7	
L			4,4	89.3	
			5,1	88.6	
			5,2	88.5	
S			5,4	88.3	
	150	E of	Ohio		
S			5,3	88.4	
			5,3	88.4	
			5,1	88.6	
L			4,3	89.4	
			4,8	88.9	
			4,8	88.9	
N			4,8	88.9	

29373

93.7

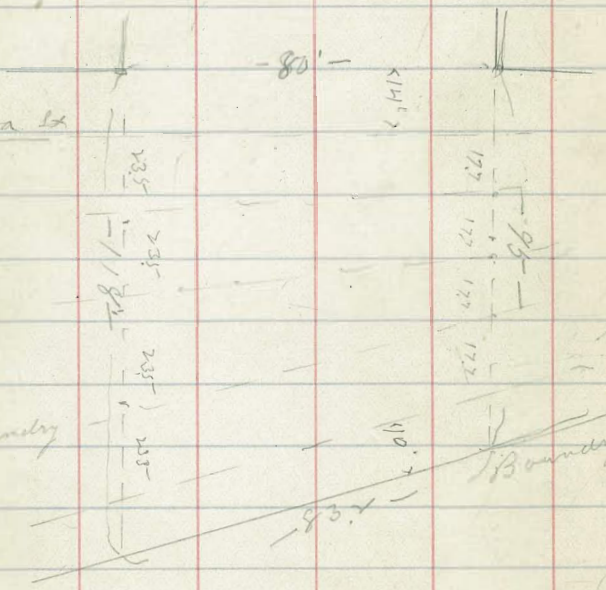
Madison

	200	E of	Ohio	st	
N			5,0	88.7	
			4,8	88.9	
			5,3	88.4	
L			4,7	89.0	
			5,0	88.7	
			5,0	88.7	
S			4,3	89.4	
	250	E of	Ohio		
S			5,1	88.6	
			4,0	89.7	
			5,0	88.7	
L			4,4	89.3	
			5,1	88.6	
			4,8	88.9	
N			4,8	88.9	

293.73
93.7

300 E = W of Illinois Boundry

N	4.8	89.9
	4.7	89.0
	5.1	88.6
b	4.6	89.1
	5.1	88.6
	5.0	88.7
S	5.3	88.4



293.73
93.7

Madison

W b of Iowa St Boundry

S	5.2	88.5
	5.1	88.6
	5.0	88.7
b	4.6	88.1
	5.2	88.5
	4.7	89.0
N	4.9	88.8

W 1/4 of Iowa St Boundry

N	3.4	90.3
	3.9	89.8
	5.0	88.7
b	4.5	89.3
	5.2	88.5
	5.4	88.3
S	4.8	88.9

Madison

393.73
93.7

Center of Iowa + Boundry

S			4.1	89.6
			4.5	89.2
			5.3	88.4
b			4.6	89.1
			5.0	88.7
			4.9	88.8
n			5.0	88.7

E ¼ of Iowa + Boundry

n			4.6	89.1
			4.8	88.9
			5.1	89.6
b			4.5	89.2
			5.2	88.5
			5.2	88.5
S			5.1	89.6

393.73
93.7

E ½ of Iowa + Boundry

S			4.2	89.5
			5.2	88.5
			5.0	88.7
b			4.5	89.2
			5.2	88.5
			4.8	88.9
n			4.8	88.9

(83.2) E ½ Boundry

n			5.0	88.7
			4.9	88.7
			5.1	88.7
b			4.6	89.1
			5.0	88.7
			5.1	88.6
S			5.1	88.6

Along X Sec of Mission Drive (120') (34 Obs)
Taylor Park Blvd to Louisiana st

	5.91	347.8 x	341.93 / 34.1	Bm NE Head of P13
Intersect of Meadt				
"a"	Park Blvd	5.6	342.2	
2 Lines "B"	of Park Blvd	5.20	342.6	
"6"	E of Park Blvd N Line	5.0	342.8	
on N line	9' NE of Park Blvd = 00 on S and Meadt St			
N		4.8	343.0	
34		4.7	343.1	
13		5.1	342.7	
13-6		4.8	343.0	
13		5.1	342.7	
24		3.7	344.1	
34 S	W2 Sing	4.4	343.4	

1435

359.8

Park Blvd "6" "B" "a"

Meadt

34784

MISSION AVE

50' NE on N line		4.1	345.0	342.91
S		2.8		5.91
		3.1	344.7	342.82
		4.6	343.2	342.04
6		4.0	343.8	342.66
		4.5	343.3	
		3.3	344.5	
N		4.0	343.8	
TP 704		5.24	342.63	OK on Curb Stk.
100' NE of Park Blvd				
N		5.4	344.3	
		5.2	344.5	
		5.3	344.4	
6		5.3	344.4	
		5.2	344.5	
		5.0	344.7	
S		4.4	345.3	

PLOTTED

34966
349.1

	150	n E	of Park Blvd	
S			4,2	345.5
			4,5	345.2
			4,8	344.9
b			4,7	345.0
			4,8	344.9
			4,4	345.3
n			4,7	345.0
	200'	n E &	P — B	
n			4,6	345.1
			4,5	345.2
			4,3	345.4
b			4,2	345.5
			4,3	345.4
			4,0	345.1
S			4,0	345.1

34966
349.1

Mission

	250	n E of	Park Blvd	
S			3,7	346.0
			3,6	346.1
			3,7	346.0
b			4,2	345.5
			3,8	345.9
			4,2	345.5
n			3,7	346.0
	N. 281' S. 272'	n E & E	George St on S dr	
n			3,3	346.2
			3,5	346.2
			4,0	345.1
b			4,0	345.1
			3,8	345.9
			3,4	346.3
S			4,5	345.2

	349.66 (349.7)				
(143.5)	281' 357.8	NE cor S ne a n } = W ½ Georgia		Graded	
S			4.5-	345.2	
(40.6) curb		on Grade (38 / 32)		345.9 / 344.5	
(15.6) ¼		on Grade (36 / 5.1)		346.1 / 344.6	
6			4.5-	345.2	349.66
			4.7	345.0	345.69 / 4.46 / 349.95
(15.6)			4.4	345.3	
(40.6) n		on Grade	3.5 4.0	346.2 / 345.7	
7P 446	349.95		4.17	345.48	
(143.5')	E line of Georgia				
n		on Grade (4.9 / 4.2)		345.0 / 345.7	
+ 25'	(349.9)		4.6	345.3	
6			6.0	343.9	
¼			5.4	344.5	
6			5.6	344.3	
¼		on Grade (6.3 / 4.3)		343.6 / 345.6	
C		on Grade (5.7 / 3.7)		344.2 / 346.2	
S		on Grade 5.5- (4.0)		344.4 / 345.9	

	349.95 (349.9)				Missed
	00 cor 788 NE	n 2 S 2 } = 0.0			
S			4.3	345.6	
			4.2	345.1	
+10			4.2	345.7	
			7.0	342.9	
6			6.0	343.9	
			6.0	343.9	
			6.4	343.5	
+7'			6.9	343.0	
+6'			4.7	345.2	
n			4.2	345.7	
	50' NE of Georgia	n n			
n			3.8	346.1	
			4.9	345.0	
			5.2	344.7	
+73'			8.6	341.9	
			7.6	342.3	
6			7.5-	342.4	
			8.2	341.7	
+1'			5.0	344.9	
			5.0	344.9	
S			3.6	344.3	

349.95-

	10'	NE ¼	George	
S			7.1	342.8
			6.0	343.9
	+8'		5.5	344.4
	+10		9.6	
			10.0	339.9
b			9.6	340.3
			9.7	340.2
	+8'		6.2	343.7
			5.7	344.2
n			4.7	345.2
	15-0	NE ¼	George	
n			4.8	345.1
"			6.2	343.7
	+9'		12.0	337.9
J			12.3	337.6
b			12.3	337.6
4			12.3	337.6
	+2'		8.2	341.7
"			8.8	341.1
S			11.3	338.6

349.95-

(349.9)

	160'	SE ¼	George		Misses
J			12.0	337.9	349.95-
	+22		10.6	339.3	-8.60
	+24		14.8	335.1	341.35
"			14.0	335.9	-1.10
					342.45
			13.6	336.3	
b			13.0	336.9	
			13.0	336.9	
			13.4	336.5	
	+8'		13.4	336.5	
	+20		6.5	343.4	
n			6.4	343.5	
	TP	110	349.95	8.60	341.35
n		200'	SE ¼	George	
			(342.4)		
n			0.4	341.0	
	+8'		1.0	341.4	
	+12		8.0	334.4	
			8.4	334.0	
			8.5	333.9	
b			7.9	334.5	
			8.5	333.9	
	+12		8.5	333.9	
"			6.7	335.7	
S			9.8	332.6	

	250'	342.45 (342.4) nE y Georgia			
S			16.1	326.3	
			13.0	329.4	
			12.0	330.4	342.45 − 13.20 = 329.25 − .65 = 330.03 − .03 = 330.0
b			11.4	331.0	
			11.8	330.6	
			9.8	332.6	
n			7.6	334.8	
	293 ~~281~~	nE = w.l Florida W a S			
n			11.8	330.6	
TP	0.68	330.03	13.10	329.35	
	5.25	330.09	~~13.8~~	324.84	Mon
h		(330.1)	2.1	328.0	
			1.5	328.6	
b			1.8	328.3	
			2.5	327.6	
			3.7	326.4	
S			6.2	323.9	

This H section should have been taken 1.40 further East on at 298.0, from Station Bennett.

		330.09 (330.1) 293 ~~281~~ nE a S ~~298~~ 371.8 = w.l of Florida (80') *			
(143.5) S			6.2	323.9	
(40.5)			5.7	324.4	
(11.2)			4.9	325.2	
b			4.8	325.3	
			5.6	324.5	
			6.0	324.1	
(40.2) n			6.0	324.1	
	0.27	325.11		324.84	Mon n w Missouri Florida
(143.5)		End w of Florida (325.1)			324.84 27 325.11
n (40.6)			5.4	319.7	
h			5.4	319.7	
			5.8	319.3	
b			5.0	320.1	
			5.3	319.8	
			6.4	318.7	
(40.6) S			8.2	316.9	

* Tie Florida 60' mile See The End of this Book

325.11

E d Florida n n

(120') 78.8 n E of Florida on S) → 6.4

This section should have been run from Tucson 17.3 Southeast West

S	5.6	315.5	
	7.7	317.4	
	7.0	318.1	
b	6.0	319.1	
	6.6	318.5	
	6.5	318.6	
	5.4	319.7	

6 ~~120~~ 112.0 acct. 60' mks instead of 80'

n E of Florida = S 2 of Monroe on N

n 2	5.3	319.8	
	25' n of Florida		
n 2	5.0	320.1	
410'	4.8	320.3	

325.11

325.1

~~64.0~~ 64.0, ~~50~~

n E of Florida

n	8.0	317.1	
	8.2	316.9	
	8.2	316.9	
b	7.4	317.7	
	8.2	316.9	
	8.8	316.3	
S	9.7	315.4	

~~44.0~~ 112.0

n of Florida

S	10.9	314.2	
	10.0	315.1	
	9.4	315.7	
b	8.3	316.8	
	8.0	316.1	
	9.6	315.5	
n	8.7	316.4	

Missouri

		325-11						325-11					Russia
	162.0 ~~150~~	NE of Florida				212.0 ~~200~~	NE of	Florida					
n			7.6	317.5		n			4.8	320.3			
			8.7	316.4					6.0	319.1			
			8.1	317.0					6.5	318.6			
b			8.1	317.0		b			6.0	319.1			
			8.9	316.2					6.6	318.5	325-11 .0 85 321.66 ? ? 329.37		
			9.0	316.1					6.2	318.9			
S			8.8	316.3		S			5.5	319.6			
	164.2 ~~152.2~~	NE =	N of	Mono St in	n		262.0 ~~250~~	NE of	Florida				
n			7.5	317.6		S			3.0	322.1			
	200.8 ~~188~~	NE =	S of	Prospect in	S				3.6	321.5			
S			6.9	318.2					4.1	321.0			
			7.7	317.4		b			3.3	321.8			
			8.0	317.1					3.8	321.3			
b			7.2	317.9					3.7	321.4			
			7.8	317.3		n			3.3	321.8			
			6.7	318.4			7P	721	319.37	3.45	321.66		
n			6.2	318.9									

329.37

329.4

293.0

~~281~~

NE = W.L Alabama st (80)

N		7.1	322.3	
		7.3	322.1	
		7.1	322.3	329.37
		6.5	322.9	324.49
		7.3	322.1	
		6.7	322.7	
S		6.6	322.8	
1435	293.0 ~~281~~ ~~329.8~~	NE on NE a	S N = W.L Alabama st	
S	311.8	6.6	322.8	
		6.2	323.2	329.37
		6.2	323.2	326.8
W		5.8	323.6	
		5.7	323.7	
		5.3	324.1	
N		4.5	324.9	
BM		4.84	324.49	BM S.W Monroe
TP		2.50	326.87	6 Ems Below

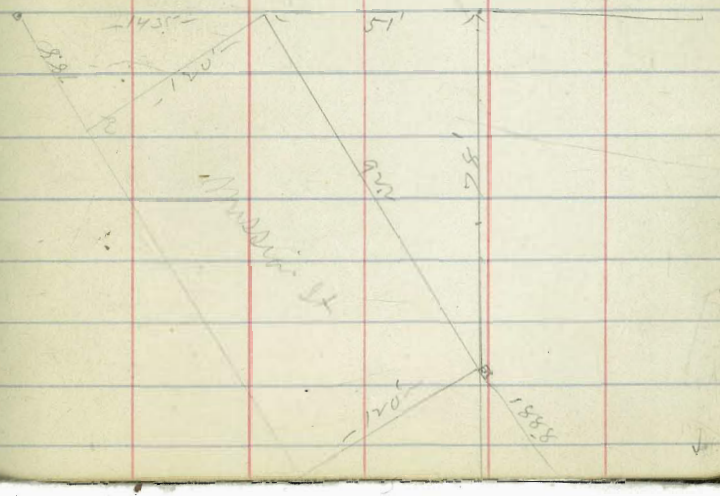
The Triangle of Monroe & Alabama St.

2.88 327.37 324.49 BM

S Line of Monroe st

327.9

SE Line of Monroe	9.1	318.3
25 E of Monroe	6.9	320.5
50 E "	6.7	320.7
75' E "	5.1	322.3
78' E = W.L Alabama st	4.2	323.2
51' N = S.L " "	4.6	322.8
31' N	5.3	322.1
81' N	7.8	319.6
92.2 W = S.L Monroe st	9.1	318.3



(142.5)	8/3	335.00		326.87	TP Pay, 25						
	E line of Alabama st.				326.87						
					8/3						
n			on Study 8 (8.2)	327.2 326.8	335.00						
40.5			8,4	326.2							
			8,9	326.1							
b			9,0	326.0							
			8,4	326.2							
			on Study 9.6 (8.6)	325.4 # 327.0							
40.5			on Study 9.3 (8.0)	325.7 327.0							
S	00 on 78.8 in	n S) = 00									
S			5,7	329.3							
			6,7	328.3							
			7,6	327.4							
b			7,6	327.4							
			7,6	327.4							
~~b~~			7,8	327.2							
n			8,2	326.8							

					335.00						Russia
						50'	n C of	Alabama			
								n	67	328.3	
									70	328.0	
									64	328.6	
								b	57	329.3	
									66	328.4	
									50	330.0	
								S	40	331.0	
						100'	on C of	Alabama			
								S	34	331.6	
									33	331.7	
									46	330.4	
								b	43	330.7	
									50	330.0	
									52	329.8	
								n	54	329.6	

335-W

	150'	NE ¼	Alabama		
n			3,6	331.4	
			2,3	332.7	
			2,6	332.4	
b			2,2	332.8	
			2,7	332.3	
			1,7	333.3	
S			0,5-	334.5	
	200'	NE ¼	Alabama		
S			+0,5	335-	
			0,2	334.8	
			1,2	333.8	
b			0,5-	334.5	
			0,8	334.2	
			1,3	333.7	
n			1,8	333.2	
TP	6,97	341.65	0,32	334,68	

341.65
(341,6)

	250'	NE ¼	Alabama		Missouri
n			7,2	334.4	335-W
			6,2	335.4	334,68
			6,3	335.3	6,97
b			5,9	335.7	341,65
			6,8	334.8	
			5,5	336.1	
S			4,5-	337.1	
	250'	NE ¼	Alabama = WL	Missouri TP	
S			4,2	337.4	
			4,8	336.8	
			5,8	335.8	
b			5,2	336.4	
			5,8	335.8	
			5,9	335.7	
n			6,3	335.3	

341.6

(1435)	281' + 61' = 359.8	or S / n } = W'ly of Mississippi 80'		
n			5,3	336.3
40.5			4,7	336.9
			5,4	336.2
b			4,5	337.1
			4,9	336.7
			4,4	337.2
40.5				
S			4,1	337.5
(1435)	E Line of Mississippi St			
S			4,3	337.3
40.5			4,1	337.5
			4,0	337.6
b			3,4	338.2
			3,8	337.8
			3,6	338.0
40.5				
n			3,4	338.2

341.6

	00 or 788 = n / S } = W			
n			3,4	338.2
			3,3	338.3
			3,3	338.3
b			2,9	338.7
			3,5	338.1
			3,4	338.2
S			3,8	337.8
	50' W of	Mississippi		
S			3,2	338.4
			2,4	339.2
			3,2	338.4
b			2,1	339.5
			2,4	339.0
			2,5	339.1
n			2,7	338.9

		34165 (341.6)			
	100'	n E f	Mississippi		
n			19	339.7	
			18	339.8	
			20	339.6	
b			14	340.2	
			21	339.5	
			15	340.1	
s			05	341.1	
TP	620	34678	157	340.8	
	150'	n E f	Mississippi		
		(346.8)			
s			50	341.8	
			54	341.4	
			58	341.0	
b			54	341.4	
			58	341.0	
			58	341.0	
n			59	340.9	

		34678 (346.8)			Mississ-
	200'	n E f	Mississippi		
n			56	341.2	34165 157 340.08
			53	341.5	670 346.78
			53	341.5	
b			48	342.0	
			55	341.3	
			48	342.0	
s			45	342.3	
	250'	n E f	Mississippi		
s			44	342.4	
			44	342.4	
			50	341.8	
b			43	342.5	
			48	342.0	
			46	342.2	
n			42	342.6	

346.78

(346.8)

281 n ∠ = WL Louisiana n S

n 40.5-	4,3	342.5
	4,1	342.7
	4,8	342.0
b	4,1	342.7
	5-0	341.8
	4,7	342.1
44.5- S	5-1	341.7

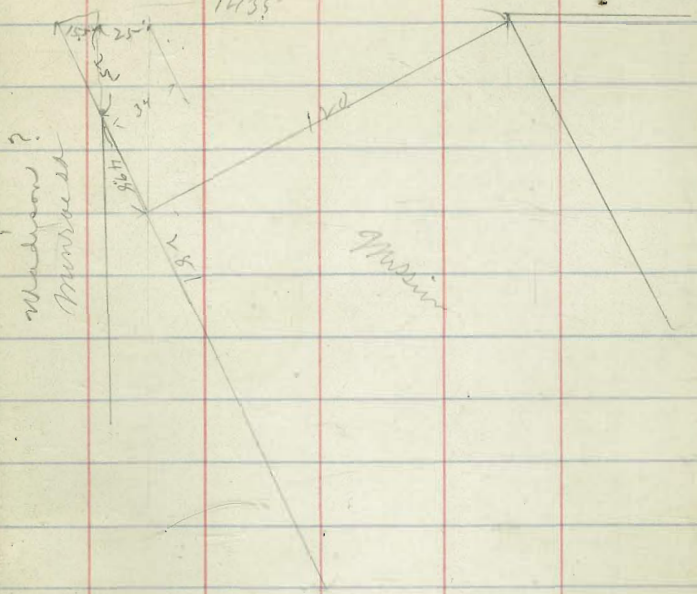
330.8 n ∠ a n d = Madison St

n	4,5-	342.3

(328') W Line f Louisiana n

S	5-1	341.7
40.5-	5-6	341.2
	5-3	341.5
b	5-3	341.5
	5-3	341.5
bl	5-5-	341.3
725' ∠ S2 Madison	4,7	342.1
Bm	2-5-8	344.20

T 17 on N 45



The Intersection of Missouri & Florida St for 60' wide
From Page 72

0.30 3+5.14 3248.4

The West line of Florida St
(1435) Parallel & 10' E of its line on P 72

n		1.6	323.5
40.5			
		1.9	323.2
		1.6	323.5
b		0.9	324.2
		0.9	324.2
		1.8	323.3
40.5			
S		2.5	322.6

The E line of Florida
Parallel & 10' W of line on P 72

S		7.8	317.3
40.5			
		5.8	319.3
		4.8	320.3
b		4.6	320.5
		5.3	319.8
		5.3	319.8
40.5			
n		5.2	319.9

See page 4, Book 900 for other notes

STANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.
FOR SINGLE TRACK EMBANKMENT.

0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
7.00	7.15	7.30	7.45	7.60	7.75	7.90	8.05	8.20	8.35	0
8.50	8 65	8.80	8.95	9.10	9.25	9.40	9.55	9.70	9 85	1
10.00	10.15	10 30	10.45	10.60	10.75	10.90	11.05	11.20	11.35	2
11.50	11.65	11.80	11.95	12.10	12.25	12.40	12.55	12.70	12.85	3
13.00	13.15	13 30	13.45	13.60	13.75	13.90	14.05	14.20	14.35	4
14.50	14 65	14.80	14.95	15.10	15.25	15.40	15.55	15.70	15 85	5
16.00	16.15	16.30	16.45	16.60	16.75	16.90	17.05	17.20	17.35	6
17.50	17.65	17.80	17.95	18.10	18.25	18.40	18.55	18.70	18 85	7
19.00	19.15	19 30	19.45	19.60	19.75	19.90	20.05	20.20	20.35	8
20.50	20.65	20.80	20.95	21.10	21.25	21.40	21.55	21.70	21.85	9
22.00	22 15	22.30	22.45	22.60	22.75	22.90	23.05	23.20	23.35	10
23.50	23.65	23.80	23.95	24.10	24 25	24.40	24.55	24.70	24.85	11
25.00	25.15	25.30	25.45	25.60	25.75	25.90	26.05	26.20	26 35	12
26.50	26.65	26.80	26.95	27.10	27.25	27 40	27.55	27.70	27.85	13
28.00	28.15	28.30	28 45	28.60	28.75	28.90	29.05	29.20	29.35	14
29.50	29.65	29.80	29.95	30.10	30.25	30.40	30.55	30.70	30.85	15
31.00	31.15	31 30	31 45	31.60	31 75	31.90	32.05	32 20	32 35	16
32.50	32.65	32.80	32.95	33.10	33.25	33.40	33.55	33.70	33.85	17
34.00	34.15	34.30	34.45	34.60	34.75	34.90	35.05	35.20	35.35	18
35.50	35.65	35.80	35.95	36.10	36.25	36.40	36.55	36.70	36.85	19
37.00	37.15	37.30	37.45	37.60	37.75	37.90	38.05	38.20	38.35	20
38.50	38.65	38.80	38.95	39 10	39.25	39.40	39.55	39 70	39.85	21
40 00	40.15	40 30	40.45	40.60	40.75	40.90	41.05	41.20	41.35	22
41.50	41.65	41.80	41.95	42.10	42.25	42.40	42.55	42.70	42.85	23
43.00	43.15	43.30	43.45	43.60	43.75	43.90	44.05	44.20	44.35	24
44.50	44.65	44.80	44 95	45 10	45 25	45.40	45 55	45.70	45.85	25
46.00	46.15	46.30	46.45	46 60	46.75	46.90	47.05	47 20	47.35	26
47.50	47.65	47.80	47.95	48.10	48.25	48.40	48.55	48 70	48.85	27
49.00	49.15	49.30	49.45	49 60	49.75	49.90	50.05	50.20	50.35	28
50.50	50.65	50 80	50.95	51.10	51.25	51.40	51.55	51.70	51.85	29
52.00	52.15	52.30	52.45	52.60	52.75	52.90	53.05	53.20	53 35	30
53.50	53.65	53.80	53.95	54.10	54.25	54.40	54.55	54.70	54.85	31
55 00	55.15	55.30	55.45	55.60	55.75	55 90	56.05	56.20	56.35	32
56.50	56.65	56.80	56.95	57.10	57.25	57.40	57.55	57.70	57 85	33
58.00	58.15	58.30	58 45	58.60	58.75	58.90	59.05	59.20	59 35	34
59.50	59.65	59.80	59 95	60.10	60.25	60.40	60.55	60.70	60.85	35
61.00	61.15	61.30	61 45	61.60	61.75	61.90	62 05	62.20	62.35	36
62.50	62.65	62.80	62.95	63.10	63.25	63 40	63.55	63.70	63.85	37
64 00	64.15	64.30	64.45	64.60	64 75	64.90	65.05	65.20	65 35	38
65 50	65.65	65.80	65 95	66.10	66.25	66.40	66.55	66 70	66.85	39
67.00	67.15	67.30	67.45	67.60	67.75	67 90	68 05	68.20	68.35	40

Calculated by F. E. Paradis, C. E.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 16 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	
9	21.5	21.7	21 8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	
10	23.0	23.2	23 3	23.5	23.6	23 8	23.9	24.1	24.2	24 4	
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	
12	26.0	25.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30 2	30 4	
15	30.5	30 7	30 8	31.0	31.1	31.3	31 4	31 6	31.7	31 9	
16	32 0	32 2	32.3	32.5	32.6	32.8	32.9	33 1	33.2	33.4	
17	33.5	33 7	33.8	34.0	34.1	34 3	34 4	34 6	34 7	34 9	
18	35.0	35.2	35 3	35.5	35.6	35.8	35.9	36 1	36.2	36 4	
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40 9	
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	
23	42.5	42.7	42 8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	
26	47.0	47.2	47.3	47.5	47.6	47.8	47 9	48.1	48 2	48.4	
27	48.5	48.7	48.8	49.0	49 1	49.3	49.4	49 6	49.7	49.9	
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51 1	51.2	51 4	
29	51.5	51.7	51.8	52.0	52.1	52 3	52.4	52 6	52.7	52 9	
30	53.0	53.2	53 3	53 5	53.6	53.8	53.9	54.1	54.2	54 4	
31	54 5	54.7	54 8	55 0	55.1	55.3	55.4	55.6	55.7	55 9	
32	56.0	56.2	56 3	56.5	56.6	56 8	56.9	57.1	57.2	57.4	
33	57.5	57.7	57.8	58 0	58.1	58 3	58.4	58.6	58.7	58 9	
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	
35	60.5	60.7	60.8	61 0	61.1	61.3	61.4	61.6	61.7	61.9	
36	62.0	62.2	62.3	62.5	62 6	62.8	62.9	63.1	63.2	63.4	
37	63.5	63 7	63 8	64.0	64.1	64.3	64.4	64.6	64.7	64 9	
38	65.0	65.2	65.3	65.5	65.6	65 8	65.9	66.1	66.2	66.4	
39	66 5	66.7	66 8	67.0	67.1	67.3	67.4	67.6	67.7	67 9	
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	

Calculated by F. E. Paradis, C. E.