Cross-Section of
Main St. From East
line of 21st. to 500' East
of 29th Street.
Page 1 to 21

X Sect. Upas St Front to 5th

X Robinson from 1st to 8th.

X Sect Robinson. Albatros to 1st

400

LEVEL

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F.B. 133

133

Table showing the departure of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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DEC 1984

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

133
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cross section of Main st.

Book No 2

Cross Section Main Str from East line of 21st to 500' East of 29th Str 1-21

Intersection Main Str & 26th 22-24

Cross Section of M. fr. 8—9th Str 25.-27

" " Upas fr. Front to 5th 28.-44

" " Robinson Ave fr. 1-8th Str 45.-74

" " " Albatr. to 1st 75.-79

10/20/03

Cross section of Main St {Anderson, McAuliff, Lambert}

	37.98			
525' East 29th St.				
So line	2.80			35.1
curb	3.40			34.5
1/4	3.80			34.1
center	3.90			34.0
1/4	1.90			36.0
curb	0.90			37.0
T.P. ⊙ +9.99	47.30	0.67	37.31	
No line	9.10			38.2
550' East 29th St				
No line	5.50			41.8
curb	6.40			40.9
1/4	6.80			40.5
center	7.60			39.7
1/4	7.90			39.4
curb	8.30			39.0

MAIN FROM 16 TO 32

1

So line	8.30	39.0
575' East 29th St		
So line	7.90	39.4
curb	7.40	39.9
1/4	6.90	40.4
center	6.50	40.8
1/4	6.20	41.1
curb	6.00	41.3
No line	5.60	41.7
West side 30th St		
No line	5.20	42.1
curb	5.50	41.8
1/4	5.90	41.4
center	6.50	40.8
1/4	7.00	40.3
curb	7.60	39.7
So line	8.10	39.2
curb West side 30th St		

	47.30	
So line	8.20	39.1
curb	7.40	39.9
1/4	7.00	40.3
center	6.40	40.9
1/4	6.00	41.3
curb	5.40	41.9
No line	5.00	42.3
	1/4 West side 30th St	
no line	5.00	42.3
curb	5.50	41.8
1/4	5.60	41.7
center	5.80	41.5
1/4	6.80	40.5
curb	7.40	39.9
So line	7.90	39.4
	Center 30th St	
So line	7.70	39.6
curb	7.00	40.3
1/4	6.30	41.0
center	5.70	41.6
1/4	5.40	41.9
curb	5.00	42.3
No line	4.50	42.8
	1/4 East side 30th St	
no line	4.10	43.2
curb	4.50	42.8
1/4	5.20	42.1
center	5.60	41.7
1/4	6.20	41.1
curb	7.00	40.3
So line	7.30	40.0
	curb. East side 30th St	
So line	6.90	40.4
curb	6.40	40.9
1/4	5.90	41.4

	47.30	
center	5.60	41.7
1/4	5.20	42.1
curb	4.70	42.6
No line	4.40	42.9
	East side 30th St	
No line	4.10	43.2
curb	4.50	42.8
1/4	5.00	42.3
center	5.50	41.8
1/4	5.70	41.6
curb	6.20	41.1
So line	6.60	40.7
	25' East 30th St	
So line	6.30	41.0
curb	6.10	41.2
1/4	5.70	41.6
center	5.50	41.8

1/4	5.30	42.0
curb	4.60	42.7
No line	4.00	43.3
	50' East 30th St	
No line	4.40	42.9
curb	4.90	42.4
1/4	5.40	41.9
center	5.60	41.7
1/4	5.80	41.5
curb	6.20	41.1
So line	6.40	40.9
	75' East 30th St	
So line	6.50	40.8
curb	6.10	41.2
1/4	6.00	41.3
center	5.60	41.7
1/4	5.30	42.0
curb	4.95	42.4

	4.30	
No line	4.30	43.3
	100' East 30th St	
No line	4.10	43.2
curb	4.70	42.6
1/4	5.00	42.3
center	5.40	41.9
1/4	5.80	41.5
curb	5.90	41.4
So line	6.40	40.9
	125' East 30th St	
So line	6.10	41.2
curb	5.60	41.7
1/4	5.20	42.1
center	4.80	42.5
1/4	4.60	42.7
curb	4.30	43.0
No line	4.00	43.3

	150' East 30th St	
No line	4.20	43.1
curb	4.60	42.7
1/4	5.30	42.6
center	5.50	41.8
1/4	5.90	41.4
curb	6.00	41.3
So line	6.40	40.9
	175' East 30th St	
So line	6.60	40.7
curb	6.30	41.0
1/4	6.10	41.2
center	5.90	41.4
1/4	5.70	41.6
curb	5.00	42.3
No line	4.80	42.5
	200' East 30th St	
No line	4.70	42.6

	4.7.30	
curb	5.00	42.3
1/4	5.40	41.9
center	5.60	41.7
1/4	5.80	41.5
curb	6.10	41.2
So line	6.50	40.8
	225' East 30th St	
So line	6.30	41.0
curb	5.60	41.7
1/4	5.30	42.0
center	5.20	42.1
1/4	5.10	42.2
curb	4.90	42.4
No line	4.50	42.8
	250' East 30th St	
No line	3.80	43.5
curb	4.50	42.8
1/4	4.90	42.4
center	5.20	42.1
1/4	5.60	41.7
curb	5.80	41.5
So line	6.00	41.3
	275' East 30th St	
So line	6.10	41.2
curb	5.60	41.7
1/4	5.20	42.1
Center	4.90	42.4
1/4	4.20	43.1
curb	3.60	43.7
No line	3.20	44.1
	300' East 30th St	
No line	2.80	44.5
curb	3.50	43.8
1/4	3.90	43.4
center	4.50	42.8

	47.30	
1/4	5.10	42.2
curb	5.80	41.5
So line	6.10	41.2
	325' East 30th St	
So line	6.00	41.3
curb	5.60	41.7
1/4	5.40	41.9
center	4.60	42.7
1/4	4.20	43.1
curb	3.90	43.4
No line	3.10	44.2
	350' East 30th St	
No line	3.20	44.1
curb	4.00	43.3
1/4	4.30	43.0
center	4.90	42.4
1/4	5.20	42.1
curb	5.60	41.7
So line	6.00	41.3
	375' East 30th St	
So line	5.90	41.4
curb	5.50	41.8
1/4	4.80	42.5
center	4.30	43.0
1/4	4.20	43.1
curb	3.70	43.6
No line	2.70	44.6
	400' East 30th St	
No line	2.40	44.9
curb	3.40	43.9
1/4	3.50	43.8
center	4.00	43.3
1/4	4.60	42.7
curb	5.10	42.2
So line	5.30	42.0

425' East 30th St.

	47.30	
So line	4.90	42.4
curb	4.20	43.1
1/4	4.00	43.3
center	3.60	43.7
1/4	3.00	44.3
curb	2.70	44.6
No line	1.90	45.4

450' East 30th St

No line	1.60	45.7
Curb	2.00	45.3
1/4	2.60	44.7
Center	3.20	44.1
1/4	4.50	42.8
curb	6.20	41.1
So line	8.00	39.3

475' East 30th St

So line	12.00	35.3
curb	9.40	37.9
1/4	7.70	39.6
center	5.00	42.3
1/4	2.50	44.8
curb	1.40	45.9
No line	0.90	46.4

500' East 30th St

No line	0.60	46.7
curb	1.50	45.8
1/4	3.50	43.8
center	6.40	40.9
1/4	8.70	38.6
curb	11.50	35.8
So line	14.70	32.6

525' East 30th St

So line	15.50	31.8
curb	12.40	34.9

	47.30	
1/4	9.50	37.8
center	6.60	40.7
1/4	3.60	43.7
curb	1.20	46.1
No line	0.40	46.9
5.50' East 30th St		
No line	0.20	47.10
curb	1.10	46.2
1/4	4.80	42.5
center	7.80	39.5
1/4	11.00	36.3
curb	14.20	33.1
So line	16.90	30.4
20 ft So. of So line	18.00	29.3
5.75' East 30th St		
20 ft So. of So line	18.20	29.1
So line	17.40	29.9

curb	15.70			31.6
1/4	13.50			33.8
center	10.20			37.1
1/4	6.10			41.2
curb	3.50			43.8
No line	1.10			46.2
T.P. 0	+1.23	45.94	-2.59	44.71
West side 31st St				
No line	5.60			40.3
curb	7.30			38.6
1/4	9.40			36.5
center	11.50			34.4
1/4	13.10			32.8
curb	14.10			31.8
So line	15.00			30.9
20 ft So of So line	15.00			30.9
curb West side 31st St				
20 ft So of So line	14.00			31.9

	45.94	
So line	14.50	31.4
curb	13.70	32.2
1/4	12.50	33.4
center	11.70	34.2
1/4	10.20	35.7
curb	8.60	37.3
No line	7.20	38.7
1/4 West side 31th St		
No line	5.00	40.9
curb	8.20	37.7
1/4	9.80	36.1
center	11.40	34.5
1/4	11.70	34.2
curb	12.40	33.5
So line	13.10	32.8
20ft So of So line	12.20	33.7
Center of 31th St		

So line	11.30	34.6
curb	11.40	34.5
1/4	11.40	34.5
center	11.10	34.8
1/4	9.00	36.9
curb	5.40	40.5
No line	1.00	44.9
1/4 East side 31th St.		
No line	0.70	45.2
curb	0.90	45.0
1/4	2.80	43.1
center	4.90	41.0
1/4	7.00	38.9
curb	7.90	38.0
So line	7.10	38.8
Curb East side 31th St		
So line	3.50	42.4
curb	3.20	42.7

	45.94				
1/4	2.50				43.4
Center	1.80				44.1
1/4	1.20				44.7
curb	0.60				45.3
No line	0.40				45.5
East side 31th St (Entire graded road)					
No line	0.40				45.5
curb	0.40				45.5
1/4	0.90				45.0
Center	1.50				44.4
1/4	2.10				43.8
curb	3.90				42.0
So line	4.70				41.2
15' East 31th St					
So line	1.0				44.9
curb	1.10				44.5
1/4	0.70				44.2

Center		0.90			45.0
1/4		0.60			45.3
curb		0.30			45.6
T.P.	⊙ +5.14	50.86	−0.22	45.72	
No line		3.90			47.0
25' East 31st St.					
No line		4.30			46.6
curb		4.10			46.8
1/4		5.50			45.4
center		5.50			45.4
11 ft So of	center	6.20			44.7
1/4		5.00			45.9
curb		4.80			46.1
So line		4.60			46.3
50' East 31st St					
So line		4.30			46.6
curb		4.20			46.7
19 ft so. of	Center	4.30			46.6

	5.86	
1/4	5.40	45.5
center	5.10	45.8
1/4	4.80	46.1
15 ft No. of center	3.60	47.3
curb	3.40	47.5
No line	3.40	47.5
75' East 31st St.		
No line	3.30	47.6
curb	3.40	47.5
16 ft No. of center	3.80	47.1
1/4	4.80	46.1
center	4.70	46.2
1/4	4.70	46.2
19 ft So of center	4.20	46.7
curb	4.00	46.9
So line	4.00	46.9
100' East 31st St.		

So line	3.60	47.3
curb	3.80	47.1
19 ft So of center	3.90	47.0
1/4	4.40	46.5
center	4.40	46.5
1/4	5.00	45.9
19 ft No of center	3.50	47.4
curb	3.00	47.9
No line	3.40	47.5
125' East 31st St		
no line	3.40	47.5
curb	3.30	47.6
23 ft No of center	3.50	47.4
21 ft No of center	5.00	45.9
1/4	4.70	46.2
center	4.10	46.8
1/4	4.50	46.4
17 ft So of center	4.60	46.3

	50.86	
20 ft So of center	3.00	47.9
curb	2.90	48.0
So line	2.80	48.1
150' East 31st St		
So line	2.30	48.6
curb	2.50	48.4
19 ft So of center	2.40	48.5
16 ft So of center	4.90	46.0
1/4	4.50	46.4
center	4.20	46.7
1/4	4.60	46.3
22 ft No of center	4.90	46.0
curb	3.20	47.7
No line	3.00	47.9
175' East 31st St		
No line	2.80	48.1
curb	2.90	48.0

24 ft No of center	4.70	46.2
1/4	4.60	46.3
center	4.20	46.7
1/4	4.60	46.3
18 ft So of center	4.90	46.0
21 ft So of center	3.00	47.9
curb	3.00	47.9
So line	2.60	48.3
200' East 31st St		
So line	3.50	47.4
curb	3.40	47.5
21 ft So of center	3.40	47.5
19 ft So of center	5.30	45.6
1/4	4.60	46.3
center	4.30	46.6
1/4	4.50	46.4
25 ft No of center	4.60	46.3
curb	2.90	48.0

	50.86	
No line	2.40	48.5
225' East 31st St		
No line	2.30	48.6
curb	2.60	48.3
24 ft N of center	4.40	46.5
1/4	4.40	46.5
center	4.20	46.7
1/4	4.60	46.3
21 ft So of center	5.20	45.7
23 ft So of center	3.50	47.4
curb	3.50	47.4
So line	3.60	47.3
250 East 31st St		
So line	3.50	47.4
curb	3.10	47.8
22 ft So of center	3.20	47.7
21 ft So of center	5.40	45.5

1/4	4.80	46.1
center	4.40	46.5
1/4	4.50	46.4
23 ft No of center	4.50	46.4
curb	2.70	48.2
No line	2.20	48.7
275' East 31st St		
No line	2.80	48.1
curb	3.10	47.8
23 ft No of center	5.00	45.9
1/4	4.70	46.2
center	4.60	46.3
1/4	5.00	45.9
19 ft So of center	5.10	45.8
curb	3.10	47.8
So line	2.90	48.0
300' East 31st St		
So line	2.70	48.2

10/21/03 Anderson McAuliff Lambert

	50.86		
curb	3.30		47.6
20 ft So of center	3.40		47.5
19 ft So of center	5.60		45.3
1/4	5.50		45.4
center	5.00		45.9
1/4	5.30		45.6
23 ft No of center	6.10		44.8
curb	4.70		46.2
No line	4.40		46.5
B.M.		45.72	
2.87	48.59		
325' East 31st St.			
No line	3.00		45.6
curb	3.20		45.4
13 ft No of center	3.40		45.2
18 ft No of center	4.00		44.6
1/4	3.90		44.7

center	3.10	45.5
1/4	3.30	45.3
25 ft So of center	3.70	44.9
curb	2.60	46.0
So line	1.10	47.5
350' East 31st St		
So line	2.00	46.6
36 ft So of center	2.40	46.2
31 ft So of center	4.80	43.8
curb	4.40	44.2
1/4	3.80	44.8
center	3.90	44.7
1/4	4.50	44.1
curb	3.80	44.8
No line	3.60	45.0
375' East 31st St		
No line	4.50	44.1
curb	5.00	43.6

	48.59	
1/4	4.80	43.8
center	4.70	43.9
1/4	4.40	44.2
curb (center of Main Intersection)	4.70	43.9
So line	5.10	43.5
	400' East 31st st.	
So line	5.90	42.7
curb	5.40	43.2
1/4	5.30	43.3
center	5.70	42.9
1/4	6.10	42.5
curb	6.00	42.6
No line	5.60	43.0
	425' East 31st st	
no line	7.40	41.2
curb	7.00	41.6
1/4	7.00	41.6
center	6.90	41.7
1/4	6.20	42.4
curb	6.60	42.0
So line	6.60	42.0
	450' East 31st st	
So line	7.60	41.0
curb	6.90	41.7
1/4	7.30	41.3
center	7.80	40.8
1/4	8.10	39.9
curb	9.10	39.5
No line	9.80	38.8
	475' East 31st st	
no line	13.20	35.4
curb	11.60	37.0
1/4	9.80	38.8
center	9.00	39.6
1/4	8.80	39.8

		48.59			
curb		8.50			40.1
So line		7.90			40.7
		500' East 31st St.			
So line		9.10			39.5
curb		9.30			39.3
1/4		9.90			38.7
center		10.30			38.3
1/4		11.20			37.4
T.P. 0	3.57	40.91	-11.25	37.34	
curb		5.40			35.5
No line		7.60			33.3
		525' East 31st St			
No line		12.00			28.9
curb		8.20			32.7
1/4		6.20			34.7
center		4.70			36.2
1/4		3.80			37.1

curb	3.00	37.9
So line	2.80	38.1
	West side 32nd St	
So line	4.00	36.9
curb	5.10	35.8
1/4	6.80	34.1
center	8.40	32.5
1/4	10.60	30.3
curb	13.40	27.5
No line	16.20	24.7

✓

Cross Section of main St
from East side of 21st St.

B.M.		18.98	
	+0.42	19.40	
	Curb East side 21st St		
So line		3.80	15.6
curb		3.50	15.9
1/4		3.40	16.0
center		2.70	16.7
1/4		2.50	16.9
curb		2.30	17.1
No line		2.10	17.3
	1/4 East side 21st St		
No line		3.10	16.3
curb		3.00	16.4
1/4		3.10	16.3
center		3.50	15.9
1/4		4.10	15.3
curb		4.10	15.3
So line		4.40	15.0
	center 21st St		
So line		4.70	14.7
curb		4.00	15.4
1/4		4.30	15.1
center		3.70	15.7
1/4		3.60	15.8
curb		3.50	15.9
No line		3.60	15.8
	1/4 West side 21st St		
No line		4.50	14.9
curb		4.40	15.0
1/4		4.30	15.1
center		4.50	14.9
1/4		5.30	14.1
curb		4.90	14.5
So line		4.90	14.5
	curb West side 21st St		

	79.40	
So line	5.50	13.9
curb	5.60	13.8
⅓	5.90	13.5
center	5.40	14.0
⅓	5.10	14.3
curb	5.20	14.2
no line	4.80	14.6
	West side 21st St.	
No line	5.50	13.9
curb	5.50	13.9
⅓	5.80	13.6
center	6.10	13.3
⅓	6.10	13.3
curb	6.20	13.2
So line	5.60	13.8
	25' West 21st St	
So line	7.70	11.7
curb	7.40	12.0
⅓	7.50	11.9
center	7.50	11.9
⅓	7.50	11.9
curb	7.20	12.2
No line	7.30	12.1
	50' West 21st St	
No line	7.80	11.6
curb	8.00	11.4
⅓	7.90	11.5
center	7.70	11.7
⅓	8.00	11.4
curb	8.40	11.0
So line	8.80	10.6
	75' West 21st St	
So line	9.10	10.3
curb	9.00	10.4
⅓	8.70	10.7

	19.40	
center	8.50	10.9
1/4	8.40	11.0
curb	7.90	11.5
No line	8.00	11.4
	100 ft West 21st St	
No line	7.60	11.8
curb	7.90	11.5
1/4	8.30	11.1
center	8.60	10.8
1/4	9.30	10.1
curb	9.50	9.9
So line	9.50	9.9
	125' West 21st St	
So line	9.50	9.9
curb	9.20	10.2
1/4	9.20	10.2
center	8.90	10.5
1/4	8.50	10.9
curb	8.10	11.3
No line	7.20	12.2
	150' West 21st St	
No line	7.40	12.0
curb	8.30	11.1
1/4	8.70	10.7
center	9.30	10.1
1/4	9.90	9.5
curb	10.00	9.4
So line	10.20	9.2
	175' West 21st St	
So line	10.70	8.7
curb	10.60	8.8
1/4	10.20	9.2
center	10.00	9.4
1/4	9.50	9.9
curb	9.00	10.4

	19.40	
No line	8.50	10.9
	200' West 21st St	
No line	9.40	10.0
curb	9.90	9.5
1/4	10.20	9.2
center	10.40	9.0
1/4	10.70	8.7
curb	11.50	8.9
So line	11.60	7.8
	225' West 21st St	
So line	12.20	7.2
curb	12.30	7.1
1/4	12.30	7.1
center	11.70	7.7
1/4	11.30	8.1
curb	10.80	8.6
No line	10.40	9.0

T.P. ⊙ +0.90	08.27 12.03	07.37
	250' West 21st St	
No line	0.40	7.7
curb	0.50	7.8
1/4	2.40	7.9
center	2.40	7.9
1/4	2.40	7.9
curb	2.10	6.2
So line	1.70	6.6
	275' West 21st St	
So line	3.50	4.8
curb	4.00	4.3
1/4	3.40	4.9
center	2.70	5.6
1/4	3.30	5.0
curb	2.80	5.5
No line	4.00	4.3
	300' West 21st St	

	08.27		
No line	7.70		0.6
curb	7.20		1.1
1/4	7.40		0.9
center	7.70		0.6
1/4	7.50		0.8
curb	7.60		0.7
So line	7.50		0.8
	325' West 21st St		
So line	8.90		-0.63
curb	9.00		-0.73
1/4	9.30		-1.03
center	9.40		-1.1
1/4	9.70		-1.4
curb	9.60		-1.3
No line	9.70		-1.4
	350' West 21st St		
No line	10.40		-2.1
curb	10.50		-2.2
1/4	10.00		-1.7
center	9.50		-1.2
1/4	10.50		-2.2
curb	10.20		-1.9
So line	10.20		-1.9
T.P. ⊙		-8.81	-00.60 Below

Intersection Main & 26th.

B.M.			29.86
	31.44	1.58	

West line of 26th.

No line	3.7
16.9	4.0
34.9	5.3
52.9	5.7
77.9	6.3
94.8	6.6
116.8	6.8
138.8	7.7
160.8	7.7
182.8	7.8
196.8	8.5

Cent line W. side 26th.

No. line	4.1
16.9	4.8
34.9	5.7
52.9	6.3
70.9	6.6
78.9	6.8
88.9	7.0
110.9	7.0
132.9	7.3
154.9	7.7
176.9	7.8
190.9	8.3

1/4 line West side

No. line	5.2
16.9	5.7
38.9	6.3

60.9	6.5
82.9	6.2
104.9	6.2
126.9	6.8
148.9	7.3
170.9	7.4
184.9	7.6

Center line of 26th.

No. line	5.5
16.9	5.9
36.9	6.0
56.9	5.6
76.4	5.8
98.4	5.6
120.4	5.6
142.4	6.00
164.4	6.6
178.4	6.60

1/4 line East side of 26th.

No. line	5.4
16.9	5.0
34.9	4.8
52.9	4.2
70.9	4.2
92.9	5.3
114.9	4.8
136.9	5.6
158.9	5.9
172.9	6.1

Curb line East side of 26th.

No. line	4.0
16.9	3.8
41.9	3.6

63.9	3,4
85.9	4,7
107.9	4,4
129.9	4,9
151.9	4,8
165.9	5,1

East line of 26th.

No. line.	3,1
39.9	3,2
60.9	3,9
82.9	3,5
104.9	4,3
126.9	4,3
148.9	4,8
162.9	5,4

12/2/03. N- E line of 8 to E line of 9.

{Anderson, Mattax, Lambert} crossection of M from East side of 8th to E side of 9th

B.M.		06.15	
	ø 09.18	3.03	
	East side of 8th St		
No line	4.7		4.5
curb	4.3		4.9
1/4	4.9		4.3
center	5.0		4.2
1/4	4.8		4.4
curb	4.9		4.3
So	4.9		4.3
	50' East of 8th St		
So line	5.3		3.9
curb	4.9		4.3
1/4	5.0		4.2
center	4.8		4.4
1/4	5.0		4.2
curb	4.5		4.7

	ø 09.18	
No line	4.3	4.9
	100' East of 8th St	
No line	3.1	6.1
curb	4.2	5.0
1/4	4.4	4.8
center	4.4	4.8
1/4	4.6	4.6
curb	4.8	4.4
So line	4.8	4.4
	150' East of 8th St.	
So line	4.5	4.7
curb	4.7	4.5
1/4	4.7	4.5
center	4.7	4.8
1/4	4.3	4.9
curb	3.8	5.4
No line	2.9	6.3

09.18

West side of 9th St.

No line	3.3	5.9
curb	3.9	5.3
1/4	4.1	5.1
center	3.9	5.3
1/4	4.4	4.8
curb	4.7	4.5
So line	4.5	4.7

West curb 9th St.

So line	4.7	4.5
curb	4.4	4.8
1/4	3.9	5.3
center	3.8	5.4
1/4	3.9	5.3
curb	3.7	5.5
No line	3.9	5.8

1/4 West side of 9th St

09.18

No line	3.2	6.0
curb	3.1	6.1
1/4	3.7	5.5
center	3.8	5.4
1/4	3.9	5.3
curb	4.2	5.0
So line	4.5	4.7

Center of 9th St

So line	4.2	5.0
curb	3.7	5.5
1/4	3.6	5.6
center	3.4	5.8
1/4	3.4	5.8
curb	3.0	6.2
No line	2.8	6.4

1/4 East side 9th St.

	9.18	
No line	2.6	6.6
curb	3.0	6.2
1/4	3.2	6.0
center	2.9	6.3
1/4	3.1	6.1
curb	3.3	5.9
So line	3.4	5.8

curb East side 9th St

So line	4.1	5.1
curb	3.9	5.3
1/4	3.2	6.0
center	3.0	6.2
1/4	2.9	6.3
curb	2.8	6.4
No line	2.8	6.4

East side of 9th St

no line	2.9	6.3

	9.18	
curb	3.0	6.2
1/4	3.2	6.0
center	3.5	5.7
1/4	3.7	5.5
curb	4.1	5.1
So line	3.8	5.4

12/8/03 {Anderson, Mattox, Lambert}

Cross section of Upas from E side of Front to N. side of 5th St.

B.M.	+		−	256.77	
	0.07	256.84			
⊙			6.52	250.32	T.P.
	2.93	253.25			

East side of Front St.

No line	10.40	242.8
curb	10.60	242.6
1/4	10.80	242.4
center	11.00	242.2
1/4	11.20	242.0
curb	11.30	241.9
So line	11.90	241.3

25' East of Front St

So line	9.20	244.0
curb	8.50	244.7
1/4	8.80	244.4
Center	8.70	244.5

1/4	8.80	244.4
Curb	8.70	244.5
No line	8.40	244.8

50' East Front St

No line	6.80	246.4
curb	6.90	246.3
1/4	6.80	246.4
Center	6.70	246.5
1/4	6.80	246.4
curb	7.20	246.0
So line	7.80	245.4

75' East Front St

So line	6.20	247.0
Curb	5.70	247.5
1/4	5.60	247.6
Center	5.50	247.7
1/4	5.10	248.1
Curb	5.30	247.9

	253.25	
No line	5.00	248.2
	100' ft East Front St.	
No line	3.60	249.6
Curb	3.90	249.3
1/4	3.90	249.3
Center	4.40	248.8
1/4	4.40	248.8
Curb	4.90	248.3
So line	5.40	247.8
	125' East Front St	
So line	3.20	250.0
Curb	2.40	250.8
1/4	1.60	251.6
Center	2.40	250.8
1/4	2.30	250.9
Curb	2.30	250.9
No line	2.10	251.1

			-0.38	252.87 T.P.
	+10.93	263.80		
	150' East Front St.			
No line		10.80		253.0
Curb		10.70		253.1
1/4		9.50		254.3
Center		8.40		255.4
1/4		8.10		255.7
Curb		8.50		255.3
So line		9.10		254.7
	175' East Front St.			
So line		5.80		258.0
Curb		5.80		258.0
1/4		5.90		257.9
Center		6.50		257.3
1/4		7.50		256.3
Curb		8.50		255.3
No line		8.90		254.9

	263.80	
	West side of First St	
No line	7.00	256.8
Curb	6.20	257.6
1/4	5.50	258.3
Center	4.90	258.9
1/4	4.60	259.2
Curb	4.70	259.1
So line	5.00	258.8
	Curb West side First St.	
So line	4.90	258.9
Curb	4.30	259.5
1/4	4.00	259.8
Center	4.30	259.5
1/4	5.00	258.8
Curb	5.30	258.5
No line	6.00	257.8
	1/4 West 1st St.	
No line	5.10	258.7
Curb	4.80	259.0
1/4	4.20	259.6
Center	4.00	259.8
1/4	3.80	260.0
Curb	3.90	259.9
So line	4.70	259.1
	Center 1st St.	
So line	4.10	259.7
Curb	3.50	260.3
1/4	3.30	260.5
Center	3.40	260.4
1/4	3.70	260.1
Curb	4.00	259.8
No line	4.50	259.3
	1/4 East side 1st St.	
No line	3.80	260.0
Curb	3.40	260.4

	263.80	
1/4	3.20	260.6
Center	2.80	261.0
1/4	2.80	261.0
Curb	2.80	261.0
So line	3.30	260.5

Curb East side 1st St.

So line	2.30	261.5
Curb	2.30	261.5
1/4	2.20	261.6
Center	2.50	261.3
1/4	2.70	261.1
Curb	2.80	261.0
No line	2.70	261.1

East side 1st St.

No line	2.40	261.4
Curb	2.10	261.7
1/4	1.80	262.0

Center	1.60			262.2
1/4	1.50			262.3
Curb	1.30			262.5
So line	1.50			262.3
⊙		-1.50	262.30	T.P.
	+11.70	274.00		

25' East of 1st St

So line	10.80	263.2
Curb	10.20	263.8
1/4	10.20	263.8
Center	10.30	263.7
1/4	10.40	263.6
Curb	10.40	263.6
No line	10.50	263.5

50' East 1st St.

No line	8.20	265.8
Curb	8.10	265.9
1/4	8.10	265.9

		274.00	
Center		8.10	265.9
1/4		8.40	265.6
Curb		8.80	265.2
So line		9.40	264.6
	75' East of 1st St.		
So line		7.10	266.9
Curb		6.80	267.2
1/4		6.10	267.9
Center		5.60	268.4
1/4		5.50	268.5
Curb		5.80	268.2
No line		5.90	268.1
	100' East of 1st St.		
No line		2.70	271.3
Curb		2.60	271.4
1/4		2.30	271.7
Center		2.80	271.2
1/4		3.90	270.1
Curb		4.40	269.6
So line		4.20	269.8
	125' East of 1st St.		
So line		0.50	273.5
Curb		1.60	272.4
1/4		1.30	272.7
Center		0.60	273.4
⊙		-1.49	272.51 T.P.
	+10.83	283.34	
1/4		9.30	274.0
Curb		9.20	274.1
No line		9.50	273.8
	150' East of 1st St.		
No line		7.00	276.3
Curb		7.10	276.2
1/4		7.80	275.5
Center		8.30	275.0

	283.4	
1/4	8.90	274.4
Curb	9.00	274.3
So line	8.50	274.8
	175' East of 1st St.	
So line	7.10	276.2
Curb	7.20	276.1
1/4	7.60	275.7
Center	6.70	277.2
1/4	6.20	277.1
Curb	5.80	277.5
No line	5.50	277.8
	West side of 2nd St.	
No line	4.60	278.7
Curb	5.00	278.3
1/4	5.30	278.0
Center	5.60	277.7
1/4	5.90	277.4
Curb	6.00	277.3
So line	5.80	277.5
	Curb West side 2nd St	
So line	5.10	278.2
Curb	5.20	278.1
1/4	4.90	278.4
Center	5.10	278.2
1/4	4.60	278.7
Curb	4.60	278.7
No line	4.40	278.9
	1/4 West side 2nd St.	
No line	4.20	279.1
Curb	4.20	279.1
1/4	4.40	278.9
Center	4.70	278.6
1/4	4.80	278.5
Curb	4.70	278.6
So line	4.50	278.8

Center of 2nd St.

283.34

So line	4.20	279.1
Curb	4.30	279.0
1/4	4.30	279.0
Center	4.30	279.0
1/4	4.00	279.3
Curb	4.10	279.2
No line	3.90	279.4

1/4 East side of 2nd St

No line	3.30	280.0
Curb	3.70	279.6
1/4	4.00	279.3
Center	4.10	279.2
1/4	4.00	279.3
Curb	4.00	279.3
So line	3.90	279.4

Curb East side 2nd St.

So line	3.50	279.8
Curb	3.00	280.3
1/4	3.20	280.1
Center	3.70	279.6
1/4	3.20	280.1
Curb	3.30	280.0
No line	3.00	280.3

East side 2nd St.

No line	2.40	280.9
Curb	2.70	280.6
1/4	3.10	280.2
Center	2.90	280.4
1/4	3.20	280.1
Curb	3.10	280.2
So line	3.00	280.3

25' East 2nd St.

So line	2.90	280.4
Curb	1.90	281.4

	283.34			
1/4	2.50			280.8
Center	2.40			280.9
1/4	2.00			281.3
Curb	2.10			281.2
No line	1.80			281.5
50' East 2nd St.				
No line	1.60			281.7
Curb	1.80			281.5
1/4	1.80			281.5
Center	1.70			281.6
1/4	1.90			281.4
Curb	2.10			281.2
So line	2.10			281.2
75' East of 2nd St.				
So line	1.80			281.5
Curb	1.80			281.5
1/4	1.50			281.8

Center	1.20			282.1
1/4	1.20			282.1
Curb	1.10			282.2
No line	1.00			282.3
⊙		-0.54	282.80	T.P.
	7.18	289.98		
100' East of 2nd St.				
No line	7.20			282.8
Curb	7.30			282.7
1/4	7.50			282.5
Center	7.40			282.6
1/4	7.70			282.3
Curb	7.80			282.2
So line	7.80			282.2
125' East of 2nd St.				
So line	7.50			282.5
Curb	7.40			282.6
1/4	7.40			282.6

	289.98	
Center	6.90	283.1
W/y	6.80	283.2
Curb	7.10	282.9
No line	7.10	282.9
150' East 2nd St.		
No line	6.70	283.3
Curb	6.70	283.3
W/y	6.80	283.2
Center	6.80	283.2
W/y	7.00	283.0
Curb	7.10	282.9
So line	7.20	282.8
175' East 2nd St.		
So line	6.80	283.2
Curb	6.30	283.7
W/y	6.50	283.5
Center	6.50	283.5
W/y	6.50	283.5
Curb	6.40	283.6
No line	6.20	283.8
West side of 3rd St.		
No line	5.90	284.1
Curb	5.80	284.2
W/y	5.70	284.3
Center	6.10	283.9
W/y	6.30	283.7
Curb	6.50	283.5
So line	6.40	283.6
Curb West side 3rd St		
So line	6.00	284.0
Curb	6.30	283.7
W/y	5.90	284.1
Center	5.90	284.1
W/y	5.80	284.2
Curb	5.70	284.3

	289.98	
No line	5.70	284.3
	1/4 West side 3rd St.	
No line	5.60	284.4
Curb	5.50	284.5
1/4	5.60	284.4
Center	5.70	284.3
1/4	5.80	284.2
Curb	5.30	284.7
So line	5.80	284.2
	Center 3rd St	
So line	5.50	284.5
Curb	5.70	284.3
1/4	5.40	284.6
Center	5.20	284.8
1/4	4.90	284.1
Curb	5.20	284.8
No line	5.20	284.8

	1/4 East side 3rd St.	
No line	5.10	284.9
Curb	5.10	284.9
1/4	4.80	284.2
Center	4.80	285.2
1/4	5.30	284.7
Curb	5.40	284.6
So line	5.40	284.6
	Curb East side 3rd St.	
So line	5.10	284.9
Curb	5.10	284.9
1/4	5.20	284.8
Center	4.90	285.1
1/4	5.00	285.0
Curb	4.80	285.2
No line	4.90	285.1
	East side of 3rd St.	
No line	4.80	285.2

	289.98	
Curb	4.60	285.4
1/4	4.70	285.3
Center	4.90	285.1
1/4	4.90	285.1
Curb	4.90	285.1
So line	5.00	285.0
	25' East 3rd St.	
So line	5.00	285.0
Curb	4.80	285.2
1/4	4.60	285.4
Center	4.60	285.4
1/4	4.50	285.5
Curb	4.50	285.5
No line	4.60	285.4
	50' East 3rd St.	
No line	4.30	285.7
Curb	4.30	285.7
1/4	4.60	285.4
Center	4.90	285.1
1/4	4.70	285.3
Curb	4.70	285.3
So line	4.30	285.7
	75' East 3rd St.	
So line	4.40	285.6
Curb	4.90	285.1
1/4	4.60	285.4
Center	4.80	285.2
1/4	4.60	285.4
Curb	4.00	286.0
No line	4.00	286.0
	100' East 3rd St.	
No line	3.70	286.3
Curb	3.90	286.1
1/4	4.50	285.5
Center	4.60	285.4

	289.98	
1/4	4.60	285.4
Curb	4.60	285.4
So line	4.00	286.0
125' East of 3rd St.		
So line	4.60	285.4
Curb	4.60	285.4
1/4	4.60	285.4
Center	4.50	285.5
1/4	4.70	285.3
Curb	4.60	285.4
No line	3.70	286.3
150' East of 3rd St.		
No line	3.30	286.7
Curb	4.20	285.8
1/4	4.60	285.4
Center	4.40	285.6
1/4	4.50	285.5
Curb	4.50	285.5
So line	4.50	285.5
175' East 3rd St.		
So line	4.40	285.6
Curb	4.60	285.4
1/4	4.60	285.4
Center	4.40	285.6
1/4	4.50	284.5
Curb	4.10	285.9
No line	3.10	286.9
West side of 4th St		
No line	4.30	285.7
Curb	4.90	285.1
1/4	4.90	285.1
Center	5.10	284.9
1/4	5.00	285.0
Curb	5.20	284.8
So line	5.20	284.8

289.98

Curb West side 4th St.

So line	6.10	283.9
Curb	6.10	283.9
1/4	6.20	283.8
Center	5.90	284.1
1/4	5.80	284.2
Curb	4.95 on curb	285.1
No line	4.95 " "	285.1

1/4 West side of 4th St.

No line	5.30	284.7
Curb	5.50	284.5
1/4	5.50	284.5
Center	5.60	284.4
1/4	5.80	284.2
Curb	6.00	284.0
So line	6.00	284.0

Center of 4th St.

So line	5.90	284.1
Curb	5.80	284.2
1/4	5.60	284.4
Center	5.60	284.4
1/4	5.50	284.5
Curb	5.30	284.7
No line	5.30	284.7

1/4 East side 4th St.

No line	5.50	284.5
Curb	5.60	284.4
1/4	5.70	284.3
Center	5.80	284.2
1/4	5.90	284.1
Curb	6.00	284.0
So line	6.10	283.9

Curb East side 4th St.

So line	5.60	284.4
Curb	6.00	284.0

		289.98			
1/4		5.80			284.2
Center		5.60			284.4
1/4		5.60			284.4
Curb		5.60			284.4
No line		5.00			285.0
	East side of 4th St.				
No line		4.60			285.4
Curb		5.20			284.8
1/4		5.10			284.9
Center		5.30			284.7
1/4		5.70			284.3
Curb		5.70			284.3
So line		5.80			284.2
⊙			-5.66	284.32	T.P.
	+5.70	290.02			
		-2.64		287.40 B.M. 287.38 Ck on B.M. .02 Diff	

UPAS ST. FROM FRONT TO FIFTH.

	290.02		
	25' East of 4th St.		
So line	5.20		284.8
Curb	4.40		285.6
1/4	5.10		284.9
Center	5.00		285.0
1/4	4.90		285.1
Curb	4.60		285.4
No line	4.40		285.6
	50' East of 4th St.		
No line	3.70		286.3
Curb	4.10		285.9
1/4	3.90		286.1
Center	4.20		285.8
1/4	4.20		285.8
Curb	4.20		285.8
So line	4.90		285.1
	75' East 4th St.		

	290.0	
So line	5.00	285.0
Curb	4.60	285.4
1/4	4.60	285.4
Center	4.50	285.5
1/4	4.20	285.8
Curb	3.90	286.1
No line	4.10	285.9
100' East 4th St.		
No line	4.30	285.7
Curb	4.20	285.8
1/4	4.00	286.0
Center	4.20	285.8
1/4	4.70	285.3
Curb	5.30	284.7
So line	5.60	284.4
105' East of 4th St.		
So line	5.90	284.1

Curb	5.70	284.3
1/4	6.00	284.0
Center	6.20	283.8
8' N. of center	5.60	284.4
10' N of center	4.20	285.8
1/4	4.10	285.9
Curb	4.20	285.8
No line	4.30	285.7
120' East of 4th St.		
No line	4.40	285.6
Curb	4.00	286.0
1/4	4.10	285.9
9' N. of center	4.40	285.6
7' N of center	6.10	283.9
Center	6.70	283.3
1/4	7.00	283.0
Curb	6.20	283.8
So line	6.70	283.3

UPAS ST. FROM FRONT TO FIFTH.

125' East of 4th St

	290.02	
So line	6.80	283.2
Curb	6.20	283.8
1/4	6.50	283.5
Center	5.80	284.2
1/4	4.30	285.7
Curb	4.20	285.8
no line	4.30	285.7

135' East of 4th St.

No line	4.50	285.5
Curb	4.40	285.6
23' N of center	6.60	283.4
1/4	6.60	283.4
Center	6.20	283.8
1/4	6.40	283.4
Curb	6.80	283.2
So line	6.80	283.2

150' East of 4th St.

So line	6.20	283.8
Curb	6.90	283.1
1/4	6.80	283.2
Center	6.70	283.3
1/4	6.70	283.3
Curb	6.50	283.5
No line	4.50	285.5

160' East of 4th St.

No line	4.70	285.3
Curb	6.20	283.8
1/4	6.20	283.8
Center	6.60	283.4
1/4	6.90	283.1
Curb	7.00	283.0
So line	6.10	283.9

165' East of 4th St

So line	6.10	283.9

	290.02	
Curb	6.90	283.1
1/4	6.70	283.3
Center	6.50	283.5
11' N of Center	6.30	283.7
1/4	4.80	285.2
Curb	5.10	284.9
No line	4.60	285.4
175' East of 4th St.		
No line	4.40	285.6
Curb	4.70	285.3
1/4	5.00	285.0
5' N of Center	6.40	283.6
Center	6.50	283.5
1/4	6.50	283.5
Curb	6.50	283.5
So line	6.40	283.6

180' East of 4th St			
So line	6.40		283.6
Curb	6.50		283.5
1/4	6.70		283.3
Center	5.20		284.8
1/4	4.60		285.4
Curb	4.70		285.3
No line	4.40		285.6
West side of 5th St.			
No line	4.80		285.2
Curb	4.80		285.2
1/4	4.90		285.1
Center	4.70		285.3
1/4	4.50		285.5
On Curb	5.00	reading on curb	285.0
So line	4.80	" " " walk.	285.2

12/9/03 { Anderson / Wallace / Lambert

Crossection of Robinson ave from East side of 1st St. to West side of 8th St.

B.M.	+	0	—	269.33	
	8.14	277.47			
	East side of 1st St.				
So line		8.20			269.3
Curb		7.50			270.0
1/4		7.00			270.5
Center		7.00			270.5
1/4		6.70			270.8
Curb		6.20			271.3
No line		6.00			271.5
	25' East of 1st St.				
No line		5.40			272.1
Curb		4.50			273.0
1/4		4.90			272.6
Center		6.80			270.7
1/4		7.10			270.4
Curb		7.70			269.8

S. line	8.20	269.3
	50' East of 1st St.	
So line	8.70	268.8
Curb	7.20	270.3
1/4	6.70	270.8
Center	6.50	271.0
1/4	6.00	271.5
Curb	5.50	272.0
No line	5.00	272.5
	75' East of 1st St.	
No line	4.70	272.8
Curb	5.10	272.4
1/4	5.60	271.9
Center	6.20	271.3
1/4	6.60	270.9
Curb	7.60	269.9
So line	8.00	269.5
	100' East of 1st St.	

	277.47	
So line	6.80	270.7
Curb	6.70	270.8
1/4	6.70	270.8
Center	6.00	271.5
1/4	5.40	272.1
Curb	4.90	272.6
No line	4.20	273.3
130' East of 1st St. West side of alley		
No line	4.30	273.2
Curb	4.80	272.7
1/4	5.10	272.4
Center	6.10	271.4
1/4	5.40	272.1
Curb	6.20	271.3
So line	7.00	270.5
145' East of 1st St. East side of alley		
So line	6.50	271.0
Curb	6.70	270.8
1/4	5.70	271.8
Center	5.90	271.6
1/4	5.40	272.1
Curb	4.80	272.7
No line	4.50	273.0
175' East of 1st St.		
No line	4.20	273.3
Curb	4.60	272.9
1/4	5.00	272.5
Center	5.20	272.3
1/4	5.50	272.0
Curb	5.90	271.6
So line	5.60	271.9
200' East of 1st St.		
So line	5.10	272.4
Curb	5.00	272.5
1/4	4.70	272.8

	271.47	
Center	4.50	273.0
1/4	4.50	273.0
Curb	4.20	273.3
No line	3.90	273.6
	225' East of 1st St.	
No line	3.40	274.1
Curb	3.70	273.8
1/4	4.20	273.3
Center	3.80	273.7
1/4	4.10	273.4
Curb	4.20	273.3
So line	4.30	273.2
	250' East of 1st St	
So line	3.70	273.8
Curb	3.80	273.7
1/4	3.50	274.0
Center	3.50	274.0

1/4	3.80	273.7
Curb	3.40	274.1
No line	3.10	274.4
	West side of 2nd St.	
No line	3.20	274.3
Curb	3.10	274.4
1/4	3.30	274.2
Center	2.90	274.6
1/4	3.10	274.4
Curb	3.70	273.8
So line	3.40	274.1
	Curb west side 2nd St.	
So line	3.30	274.2
Curb	3.40	274.1
1/4	2.70	274.8
Curb	2.90	274.6
1/4	2.70	274.8
Curb	3.20	274.3

	277.47	
No line	2.80	274.7
	1/4 West side of 2nd St	
No line	2.60	274.9
Curb	2.60	274.9
1/4	2.60	274.9
Center	2.70	274.8
1/4	2.70	274.8
Curb	3.00	274.5
So line	2.30	275.2
	Center of 2nd St.	
So line	2.00	275.5
Curb	2.60	274.9
1/4	2.40	275.1
Center	2.30	275.2
1/4	2.00	275.5
Curb	1.80	275.7
No line	2.10	275.4

	1/4 East side 2nd St.	
No line	1.50	276.0
Curb	1.60	275.9
1/4	1.30	276.2
Center	1.70	275.8
1/4	2.00	275.5
Curb	2.10	275.4
So line	2.20	275.3
	Curb East side 2nd St.	
So line	2.00	275.5
Curb	2.00	275.5
1/4	0.90	276.6
Center	1.00	276.5
1/4	1.10	276.4
Curb	1.70	275.8
No line	1.70	275.8
	East side of 2nd St	
No line	1.40	276.1

		277.47			
Curb		1.00			276.5
1/4		0.80			276.7
Center		0.60			276.9
1/4		0.80			276.7
Curb		1.30			276.2
So line		1.60			275.9
⊙			-053	276.94	T.P.
	+9.40	286.34			
	25' East of 2nd St.				
So line		10.00			276.3
Curb		10.00			276.3
1/4		9.00			277.3
Center		8.80			277.5
1/4		8.70			277.6
Curb		9.80			278.5
No line		9.20			279.1

50' East of 2nd St.		
No line	8.00	278.3
Curb	8.50	277.8
1/4	8.10	278.2
Center	8.00	278.3
1/4	8.50	277.8
Curb	9.20	277.1
So line	8.90	277.4
75' East of 2nd St.		
So line	8.30	278.0
Curb	8.40	277.9
1/4	7.70	278.6
Center	7.20	279.1
1/4	7.30	279.0
Curb	7.60	278.7
No line	7.20	279.1
100' East of 2nd St.		
No line	6.30	280.0

	286.34	
Curb	7.10	279.2
1/4	6.40	279.9
Center	6.70	279.6
1/4	7.40	278.9
Curb	7.50	278.8
So line	7.50	278.8
	125' East of 2nd St	
So line	6.20	280.1
Curb	6.60	279.7
1/4	6.40	279.9
Center	6.10	280.2
1/4	5.80	280.5
Curb	6.40	279.9
No line	6.30	280.0
	135' East 2nd St. West side of alley	
No line	6.00	280.3
Curb	6.20	280.1
1/4	5.60	280.7
Center	5.80	280.5
1/4	6.00	280.3
Curb	6.50	279.8
So line	6.00	280.3
	150' East of 2nd St East side of alley	
So line	5.30	281.0
Curb	6.10	280.2
1/4	5.60	280.7
Center	5.40	280.9
1/4	5.40	280.9
Curb	6.10	280.2
No line	5.70	280.6
	160' East of 2nd St.	
No line	5.60	280.7
Curb	6.00	280.3
1/4	5.30	281.3
Center	5.20	281.1

	286.34	
1/4	5.20	281.1
Curb	5.40	280.9
So line	5.20	281.1
	185' East of 2nd St.	
So line	4.80	281.5
Curb	5.10	281.2
1/4	5.00	281.3
Center	4.70	281.6
1/4	4.90	281.4
Curb	4.90	281.4
No line	4.50	281.8
	210' East of 2nd St	
No line	4.00	282.3
Curb	4.40	281.9
1/4	4.50	281.8
Center	4.30	282.0
1/4	4.50	281.8

Curb	4.50	281.8
So line	4.30	282.0
	235' East of 2nd St.	
So line	4.10	282.2
Curb	4.40	281.9
1/4	3.90	282.4
Center	3.60	282.7
1/4	4.10	282.2
Curb	4.10	282.2
No line	3.70	282.6
	260' East of 2nd St.	
No line	3.70	282.6
Curb	3.80	282.5
1/4	3.30	283.0
Center	3.10	283.2
1/4	3.30	283.0
Curb	3.60	282.7
So line	3.40	282.9

West side of 3rd St.

	286.34	
So line	3.00	283.3
Curb	3.30	283.0
1/4	2.80	283.5
Center	2.60	283.7
1/4	2.70	283.6
Curb	3.40	282.9
No line	3.20	283.1

Curb West side 3rd St.

No line	2.90	283.4
Curb	3.10	283.2
1/4	2.40	283.9
Center	2.50	283.8
1/4	2.60	283.7
Curb	3.10	283.2
So line	3.20	283.1

1/4 West side 3rd St

So line	2.70	283.6
Curb	2.50	283.8
1/4	2.20	284.1
Center	2.10	284.2
1/4	1.90	284.4
Curb	2.20	284.1
No line	2.30	284.0

Center of 3rd St

No line	1.60	284.7
Curb	1.80	284.5
1/4	1.70	284.6
Center	1.80	284.5
1/4	1.80	284.5
Curb	2.00	284.3
So line	2.10	284.2

1/4 East side 3rd St

So line	1.90	284.4

	286.34						
Curb	1.70		284.6				
1/4	1.70		284.6				
Center	1.70		284.6				
1/4	1.70		284.6				
Curb	2.00		284.3				
No line	1.80		284.5				
Curb East side 3rd St							
No line	1.70		284.6				
Curb	2.20		284.1				
1/4	1.70		284.6				
Center	1.70		284.9				
1/4	1.50		284.8				
Curb	1.80		284.5				
So line	1.70		284.9				
East side of 3rd St							
So line	1.20		285.1				
Curb	1.20		285.1				

1/4	1.30		283.3				
Center	1.10		285.2				
1/4	1.60		284.7				
Curb	1.90		284.4				
No line	1.60		284.7				
25' East of 3rd St.							
No line	0.30		286.0				
Curb	1.10		285.2				
1/4	0.60		285.7				
Center	0.70		285.6				
1/4	0.80		285.5				
Curb	1.60		284.7				
So line	1.70		284.6				
⊙		-0.63	285.71	T.P.			
	+4.45	292.16					
50' East of 3rd St.							
So line	6.10		286.1				
Curb	6.10		286.1				

	292.16	
W	6.00	286.2
Center	5.90	286.3
W	6.10	286.1
Curb	6.20	286.0
No line	5.70	286.5
	75' East of 3rd St	
No line	5.30	286.9
Curb	6.00	286.2
W	5.20	287.0
Center	5.10	287.1
W	5.40	286.8
Curb	5.70	286.5
So line	5.40	286.8
	100' East of 3rd St	
So line	5.30	286.9
Curb	5.30	286.9
W	4.90	287.3
Center	4.80	287.4
W	4.80	287.4
Curb	5.30	286.9
No line	4.90	287.3
	125' East of 3rd St.	
No line	4.40	287.8
Curb	4.70	287.5
W	4.50	287.7
Center	4.40	287.8
W	4.80	287.4
Curb	5.10	287.1
So line	5.20	287.0
	135' East of 3rd St westside of alley	
So line	5.10	287.1
Curb	5.20	287.0
W	4.60	287.6
Center	4.20	288.0
W	4.20	288.0

	292.16	
Curb	4.50	287.7
No line	4.30	287.9
150' East of 3rd St, East side way		
No line	4.10	288.1
Curb	4.20	288.0
T/P	4.10	288.1
Center	4.20	288.0
T/P	4.50	287.7
Curb	4.70	287.5
So line	4.50	287.7
160' East of 3rd St.		
So line	4.40	287.8
Curb	4.80	287.4
T/P	4.30	287.9
Center	4.10	288.1
T/P	4.10	288.1
Curb	4.40	287.7
No line	4.20	288.0
185' East of 3rd St		
No line	4.00	288.2
Curb	4.20	288.0
T/P	3.50	288.7
Center	3.80	288.4
T/P	3.90	288.3
Curb	3.70	288.5
So line	4.00	288.2
210' East of 3rd St		
So line	4.10	288.1
Curb	3.70	288.5
T/P	3.60	288.6
Center	3.30	288.9
T/P	3.20	289.0
Curb	3.90	288.3
No line	3.90	288.3
235' East of 3rd St		

	292.16	
No line	3.50	288.7
Curb	3.90	288.3
1/4	3.00	289.2
Center	3.10	289.1
1/4	3.40	288.8
Curb	3.50	288.7
So line	3.70	288.5
260' East of 3rd St.		
So line	3.70	288.5
Curb	3.40	288.8
1/4	3.30	288.9
Center	3.10	289.1
1/4	3.00	289.2
Curb	3.80	288.4
No line	3.40	288.8
West side of 4th St		
No line	2.90	289.3
Curb	3.60	288.6
1/4	3.20	289.0
Center	3.20	289.0
1/4	3.10	289.1
Curb	3.20	289.0
So line	3.10	289.1
Curb West side 4th St.		
So line	3.60	288.6
Curb	3.60	288.6
1/4	3.30	288.9
Center	3.50	288.7
1/4	3.40	288.8
Curb	3.80	288.4
No line	3.70	288.5
1/4 West side 4th St		
No line	3.20	289.0
Curb	3.20	289.0
1/4	3.20	289.0

	292.16	
Center	3.20	289.0
1/4	3.20	289.0
Curb	3.10	289.1
So line	3.10	289.1
	Center 4th St,	
So line	3.30	288.9
Curb	3.20	289.0
1/4	3.10	289.1
Center	3.10	289.1
1/4	3.20	289.0
Curb	3.20	289.0
No line	3.20	289.0
	1/4 East side 4th St	
No line	3.60	288.6
Curb	3.60	288.6
1/4	3.60	288.6
Center	3.60	288.6
1/4	3.60	288.6
Curb	3.50	288.7
So line	3.80	288.4
	Curb East side	
So line	3.60	288.6
Curb	3.80	288.4
1/4	3.80	288.4
Center	3.80	288.4
1/4	3.80	288.4
Curb	3.80	288.4
No line	3.00	289.2
	East side 4th St,	
No line	3.00	289.2
Curb	3.10	289.1
1/4	3.30	288.9
Center	3.20	289.0
1/4	3.20	289.0
Curb	3.10	289.1

12/9/03 {Anderson, Mattar, Lambert}

		292.16		
So line		3.20		289.0
			-3.00	289.16 T.P.
	+4.50	293.66		
		25' East of 4th St		
So line		4.90		288.8
Curb		4.60		289.1
1/4		4.40		289.3
Center		4.70		289.0
1/4		4.80		288.9
Curb		4.30		289.4
No line		4.60		289.1
		50' East of 4th St		
No line		4.60		289.1
Curb		4.70		289.0
1/4		4.80		288.9
Center		4.90		288.8
1/4		4.60		289.1
Curb		4.50		289.2
So line		4.80		288.9
		75' East of 4th St.		
So line		4.70		289.0
Curb		4.40		289.3
1/4		4.60		289.1
Center		4.40		289.3
1/4		4.50		289.2
Curb		4.50		289.2
No line		4.70		289.0
		100' East of 4th St		
No line		4.60		289.1
Curb		4.60		289.1
1/4		4.80		288.9
Center		4.70		289.0
1/4		4.60		289.1
Curb		4.50		289.2
So line		4.60		289.1

293.66

125' East of 4th St

So line	4.50	289.2
Curb	4.40	289.3
1/4	4.50	289.2
Center	4.70	289.0
1/4	4.80	288.9
Curb	4.60	289.1
No line	4.50	289.2

135' East of 4th St. West side of alley

No line	4.70	289.0
Curb	4.80	288.9
1/4	4.80	288.9
Center	4.80	288.9
1/4	4.60	289.1
Curb	4.40	289.3
So line	4.50	289.2

150' East of 4th St East side of alley

So line	4.50	289.2
Curb	4.90	288.8
1/4	5.20	288.5
Center	5.20	288.5
1/4	5.10	288.6
Curb	5.00	288.7
No line	5.00	288.7

160' East of 4th St.

No line	5.00	288.7
Curb	5.60	288.1
1/4	5.30	288.4
Center	5.40	288.3
1/4	5.60	288.1
Curb	5.50	288.2
So line	5.30	288.4

185' East of 4th St

So line	5.30	288.4
Curb	5.90	287.8
1/4	5.70	288.0

	293.66	
Center	5.40	288.3
1/4	5.60	288.1
Curb	5.50	288.2
No line	5.20	288.5
210' East of 4th St		
No line	5.30	288.4
Curb	5.70	288.0
1/4	5.80	287.9
Center	5.70	288.0
1/4	5.70	288.0
Curb	5.80	287.9
So line	5.60	288.1
235' East of 4th St.		
So line	5.70	288.0
Curb	6.20	287.5
1/4	5.90	287.8
Center	5.80	287.9
1/4	5.90	287.8
Curb	5.70	288.0
No line	5.30	288.4
260' East of 4th St		
No line	5.40	288.3
Curb	5.80	287.9
1/4	5.90	287.8
Center	5.80	287.9
1/4	6.00	287.7
Curb	6.30	287.4
So line	5.60	288.1
West side of 5th St.		
So line	5.95 on walk	287.75
Curb	6.18 on curb	287.48
1/4	6.30	287.4
Center	5.80	287.9
1/4	5.80	287.9
Curb	5.60	288.1

		293.66		
No line		5.30		288.4
		Curb West side 5th St		
No line		5.60	on curb	288.1
Curb		6.40		287.3
1/4		6.30		287.4
Center		6.30		287.4
1/4		6.40		287.3
Curb		6.50		287.2
So line		6.10		287.6
			289.19	B.M.
		-4.47	289.19	Ch on B.M.
			000.00	
	+2.06	291.25		
		Curb East side 5th St		
So line		3.70		287.5
Curb		3.50		287.7
1/4		3.70		287.5
Center		3.60		287.6
1/4		3.60		287.6

Curb	3.50		287.7
No line	3.30		287.9
	East side of 5th St.		
No line	2.40		288.8
Curb	3.30		287.9
1/4	3.20		288.0
Center	2.70		288.5
1/4	2.70		288.5
Curb	3.70	on curb	287.5
So line	3.30	on walk	287.7
	5' East of 5th St		
So line	1.50		289.7
Curb	1.50		289.7
1/4	1.50		289.7
Center	1.40		289.8
1/4	3.10		288.1
Curb	2.60		288.6
No line	1.80		289.4

291.25

25' East of 5th St

No line	1.40	289.8
Curb	1.70	289.5
T/W	2.10	289.1
Center	1.30	289.9
T/W	1.50	289.7
Curb	1.60	289.6
So line	1.70	289.5

50' East of 5th St

So line	1.20	290.0
Curb	1.80	289.4
T/W	1.50	289.7
Center	1.40	289.8
T/W	1.90	289.3
Curb	1.50	289.7
No line	1.30	289.9

75' East of 5th St

No line	1.30	289.9
Curb	2.00	289.2
T/W	2.10	289.1
Center	2.10	289.1
T/W	2.00	289.2
Curb	2.20	289.0
So line	2.10	289.1

100' East of 5th St

So line	2.30	288.7
Curb	1.70	289.5
T/W	1.10	290.1
Center	2.20	289.0
T/W	2.30	288.9
Curb	2.20	289.0
No line	2.10	289.1

125' East of 5th St

No line	2.60	288.6

	291.25	
Curb	2.60	288.6
F/G	2.50	288.7
Center	2.50	288.7
F/G	2.50	288.7
Curb	2.20	289.0
So line	1.60	289.6
	150' East of 5th St	
So line	2.20	289.0
Curb	2.80	288.4
F/G	3.00	288.2
Center	3.00	288.2
F/G	2.90	288.3
Curb	2.90	288.3
No line	3.00	288.2
	175' East of 5th St	
No line	3.60	287.6
Curb	3.70	287.5

F/G	3.50	287.7
Center	3.30	287.9
F/G	3.40	287.8
Curb	2.70	288.5
So line	3.60	287.6
	West side of 6th St.	
So line	5.30	285.9
Curb	3.00	288.2
F/G	3.40	287.8
Center	4.60	286.6
F/G	4.60	286.6
Curb	4.40	286.8
No line	4.00	287.2
	Curb west side 6th St	
No line	4.90	286.3
Curb	4.80	286.4
F/G	5.10	286.1
Center	5.30	285.9

	291.25	
1/4	4.30	286.9
Curb	5.10	286.1
So line	5.40	285.8
1/4 West side of 6th St		
So line	5.70	285.5
Curb	5.90	285.3
1/4	4.90	286.3
Center	5.30	285.9
1/4	5.20	286.0
Curb	5.10	286.1
No line	4.90	286.3
Center of 6th St.		
No line	5.30	285.9
Curb	5.40	285.8
1/4	5.70	285.5
Center	5.60	285.6
1/4	5.80	285.4
Curb	5.90	285.3
So line	6.10	285.1
1/4 East side 6th St.		
So line	6.10	285.1
Curb	6.20	285.0
1/4	6.30	284.9
Center	6.00	285.2
1/4	6.00	285.2
Curb	5.90	285.3
No line	5.90	285.3
Curb East side of 6th St		
No line	5.60	285.6
Curb	5.20	286.0
1/4	5.80	285.4
Center	5.80	285.4
1/4	6.10	285.1
Curb	6.20	285.0
So line	5.90	285.3

291.24

East side of 6th St.

So line	7.00	284.2
Curb	6.60	284.6
F/G	7.00	284.2
Center	6.70	284.5
F/G	6.70	284.5
Curb	6.10	285.1
No line	6.90	284.3

25' East of 6th St

No line	8.40	282.8
Curb	7.90	283.3
F/G	7.40	283.8
Center	7.80	283.4
F/G	7.00	284.2
Curb	8.40	282.8
So line	8.00	283.2

50' East of 6th St.

So line	8.00	283.2
Curb	8.70	282.5
F/G	7.90	283.3
Center	7.70	283.5
F/G	9.30	281.9
Curb	9.30	281.7
No line	9.40	281.8

75' East of 6th St.

No line	10.60	280.6
Curb	10.60	280.6
F/G	10.70	280.5
7ft N of Center	10.50	280.7
Center	7.80	283.4
8ft So of Center	8.50	282.7
F/G	9.60	281.6
Curb	10.20	281.0
So line	9.10	282.1

	291.25			
100' East of 6th St				
So line	10.70			280.5
Curb	10.90			280.3
W/M	10.50			280.7
Center	8.20			283.0
8ft No of Center	10.70			280.5
W/M	11.30			279.9
Curb	11.30			279.9
No line	11.10			280.1
⊙		-10.96	280.29	T.P.
+3.67	283.96			
125' East of 6th St.				
No line	4.10			279.9
Curb	4.50			279.5
W/M	4.40			279.6
8ft No of Center	3.90			280.1
Center	1.30			282.7
7ft So of Center	2.10			281.9

W/M	3.60	280.4
Curb	3.70	280.3
So line	3.60	280.4
135' East of 6th St		
So line	3.80	280.2
Curb	4.50	279.5
W/M	4.80	279.2
3' So of Center	4.20	279.8
Center	1.50	282.5
7' No of Center	4.10	279.9
W/M	4.90	279.1
Curb	4.90	279.1
No line	4.30	279.7
West side of alley		
No line	4.50	279.5
Curb	5.10	278.9
W/M	5.00	279.0
Center	4.40	279.6

	283.96	
T/H	4.70	279.3
Curb	4.90	279.1
So line	3.80	280.2
East side of Alley		
So line	4.50	279.5
Curb	5.20	278.8
T/H	5.10	278.9
Center	4.30	279.7
T/H	5.20	278.8
Curb	5.30	278.7
No line	4.80	279.2
163' East of 6th St		
No line	4.50	279.5
Curb	5.30	278.7
T/H	5.20	278.8
6' N of center	4.30	279.7
Center	1.80	282.2

6' So of center	5.00	279.0
T/H	5.10	278.9
Curb	5.20	278.8
So line	4.80	279.2
175' East of 6th St		
So line	5.00	279.0
Curb	5.40	278.6
T/H	4.90	279.1
Center	2.00	282.0
3 ft N of center	4.40	279.6
T/H	5.50	278.5
Curb	5.70	278.3
No line	4.40	279.6
200' East of 6th St		
No line	5.80	278.2
Curb	6.10	277.9
T/H	5.80	278.2
Center	5.70	278.3

	283.96	
2ft So of center	2.40	281.6
1' So of center	3.40	280.6
1/4	4.80	279.2
Curb	5.90	278.1
So line	5.50	278.5
210' East of 6th St		
So line	5.40	278.6
Curb	5.70	278.3
1/4	5.20	278.8
4ft So of center	4.90	279.1
2' So of center	2.50	281.5
Center	5.60	278.4
1/4	6.00	278.0
Curb	6.20	277.8
No line	6.00	278.0
225' East of 6th St		
no line	6.40	277.6

Curb	6.60	277.4
1/4	6.10	277.9
Center	5.70	278.3
5' So of Center	3.30	280.7
1/4	5.60	278.4
Curb	6.70	277.3
So line	6.30	277.7
250' East of 6th St.		
So line	7.20	276.8
Curb	7.40	276.6
1/4	6.10	277.9
5' So of Center	3.20	280.8
2' So of Center	3.10	280.9
Center	6.60	277.4
1/4	6.90	277.1
Curb	6.80	277.2
No line	6.80	277.2
275' East of 6th St		

	283.96	
No line	7.00	277.0
Curb	7.30	276.7
1/4	7.40	276.6
2' No of Center	6.50	277.5
Center	3.10	280.9
6' So of Center	3.70	280.3
1/4	5.80	278.2
14' So of Center	7.90	276.1
Curb	8.10	275.9
So line	8.00	276.0
West side of 7th St.		
So line	8.70	275.3
Curb	8.80	275.2
14' So of Center	8.40	275.4
1/4	7.10	276.9
4' So of center	3.80	280.2
Center	3.50	280.5

2' No of Center	3.70	280.3
4' No of " "	7.10	276.9
1/4	7.60	276.4
Curb	7.20	276.8
No line	7.20	276.8
Curb West side 7th St		
No line	7.30	276.7
Curb	7.10	276.9
1/4	7.60	276.4
5' No of Center	5.70	278.3
Center	3.50	280.5
5' So of Center	3.50	280.5
1/4	6.80	277.2
14' So of Center	8.50	275.5
Curb	9.00	275.0
So line	9.30	274.7
1/4 West side 7th St		
So line	9.70	274.3

	283.96	
Curb	9.50	274.5
14' So of Center	8.70	275.3
1/4	7.60	276.4
5' So of Center	4.00	280.0
Center	3.70	280.3
3' No of Center	4.00	280.0
7' No of " "	7.00	277.0
1/4	8.00	276.0
Curb	7.40	276.6
No line	7.60	276.4
Center of 7th St		
No line	7.50	276.5
Curb	7.40	276.6
1/4	7.80	276.2
6' No of Center	6.30	277.7
3' No of " "	4.00	280.0
Center	3.50	280.5
4' So of Center	3.70	280.3
1/4	7.40	276.6
14' So of center	8.90	275.1
Curb	9.50	274.5
So line	9.60	274.4
1/4 East side of 7th St		
So line	9.00	275.0
Curb	8.90	275.1
13' So of Center	8.50	275.5
1/4	7.30	276.7
4' So of Center	3.60	280.4
Center	3.50	280.5
3' No of Center	3.80	280.2
8' No of " "	7.10	276.9
1/4	7.50	276.5
Curb	7.40	276.6
No line	7.10	276.9
Curb East side 7th St		

	283.96	
No line	7.10	276.9
Curb	7.30	276.7
1/4	7.20	276.8
6' No. of Center	5.20	278.8
3' N. of " "	3.50	280.5
Center	3.40	280.6
5' So of Center	3.70	280.3
1/4	7.10	276.9
14' So of Center	8.20	275.8
Curb	8.10	275.9
So line	8.10	275.9
East side of 7th St		
So line	7.90	276.1
Curb	7.40	276.6
1/4	6.90	277.1
5' So of Center	3.80	280.2
Center	3.40	280.6

2' No of Center	3.70	280.3
1/4	6.80	277.2
Curb	7.00	277.0
No line	6.60	277.4
25' East of 7th St		
No line	6.40	277.6
Curb	6.70	277.3
1/4	6.60	277.4
4' No of Center	4.60	279.4
Center	3.80	280.2
5' So of Center	3.30	280.7
1/4	6.10	277.9
Curb	6.70	277.3
So line	7.00	277.0
50' East of 7th St		
So line	6.60	277.4
Curb	6.60	277.4
1/4	6.00	278.0

	283.96	
6' So of Center	3.60	280.4
Center	3.80	280.2
8' No of Center	5.60	279.4
1/4	6.60	277.4
Curb	6.20	277.8
No line	6.00	278.0
75' East of 7th St		
No line	6.50	277.5
Curb	6.50	277.5
1/4	7.10	276.9
4' No of Center	4.60	279.4
Center	4.00	280.0
6' So of Center	3.90	280.1
1/4	6.20	277.8
Curb	7.10	276.9
So line	6.90	277.1
100' East of 7th St.		

So line	7.70	276.3
Curb	8.10	275.9
1/4	7.00	277.0
4' So of Center	3.90	280.1
Center	4.20	279.8
5' No of Center	5.30	278.7
1/4	7.60	276.4
Curb	7.60	276.4
No line	7.50	276.5
125' East of 7th St.		
No line	8.20	275.8
Curb	8.50	275.5
1/4	7.50	276.5
4' No of Center	5.50	278.5
Center	4.20	279.8
5' So of Center	3.80	280.2
1/4	7.50	276.5
Curb	10.30	273.7

	283.96	
So line	11.30	272.7
West side of alley		
So line	14.90	269.1
Curb	12.80	271.2
1/4	8.50	275.5
4' So of Center	9.10	279.9
Center	5.10	278.9
4' No of Center	7.30	276.7
1/4	8.40	275.6
Curb	8.20	275.8
No line	7.80	276.2
East side of alley		
No line	7.00	277.0
Curb	6.80	277.2
1/4	7.20	276.8
Center	6.60	277.4
7' So of Center	5.60	278.4
1/4	8.30	275.7
Curb	12.50	271.5
So line	14.50	269.5
175' East of 7th St		
So line	9.50	274.5
Curb	7.00	277.0
1/4	6.60	277.4
Center	6.50	277.5
1/4	6.60	277.4
Curb	6.60	277.4
No line	6.70	277.3
200' East of 7th St		
No line	6.20	277.8
Curb	6.40	277.6
1/4	6.30	277.7
Center	6.20	277.8
1/4	6.60	277.4
Curb	6.70	277.3

	25396	
So line	6.70	277.3
225' East of 7th St		
So line	7.30	276.7
Curb	6.90	277.1
1/4	6.70	277.3
Center	6.40	277.6
1/4	6.20	277.8
Curb	6.20	277.8
No line	5.90	278.1
250' East of 7th St		
No line	5.80	278.2
Curb	6.50	277.5
1/4	6.60	277.4
Center	6.80	277.2
1/4	7.10	276.9
Curb	7.30	276.7
So line	8.80	275.2

275' East of 7th St		
So line	10.90	273.1
Curb	8.10	275.9
1/4	7.30	276.7
Center	6.70	277.3
1/4	6.80	277.2
Curb	6.50	277.5
No line	6.00	278.0
West side of 8th St.		
No line	6.00	278.0
Curb	6.10	277.9
1/4	6.40	277.6
Center	6.40	277.6
1/4	7.50	276.5
Curb	8.80	275.2
So line	12.20	271.8

12/19/03 { Anderson
Mattax
Lambert

Crossection of Robinson ave from East side of Albatross St to East side of 1st St

B.M.	274.07	4.74	269.33

East side of Albatross St

So line	8.00	266.1
Curb	7.80	266.3
1/4	7.30	266.8
Center	7.20	266.9
1/4	7.20	266.9
Curb	6.70	267.4
No line	6.90	267.2

25' East of Albatross St

No line	6.30	267.8
Curb	6.60	267.5
1/4	6.60	267.5
Center	7.00	267.1
1/4	7.40	266.7
Curb	7.40	266.7
So line	7.20	266.9

50' East of Albatross St

So line	6.90	267.2
Curb	7.00	267.1
1/4	7.00	267.1
Center	6.60	267.5
1/4	6.40	267.7
Curb	6.30	267.8
No line	5.90	268.2

75' East of Albatross St

No line	5.60	268.5
Curb	5.70	268.4
1/4	5.70	268.4
Center	6.40	267.7
1/4	6.30	267.8
Curb	6.60	267.5
So line	6.60	267.5

100' East of Albatross St

So line	6.10	268.0

	274.07	
Curb	6.10	268.0
¼	6.10	268.0
Center	5.80	268.3
¾	5.60	268.5
Curb	4.80	269.3
No line	4.40	269.7
130' East of Albatross St, westside of alley		
No line	4.90	269.2
Curb	4.90	269.2
¼	5.20	268.9
Center	5.40	268.7
¾	5.40	268.7
Curb	5.70	268.4
So line	5.80	268.3
145' East of Albatross St. Eastside of alley		
So line	5.50	268.6
Curb	5.10	269.0
¼	5.20	268.9
Center	5.30	268.8
¾	4.70	269.4
Curb	4.80	269.3
No line	4.40	269.7
175' East of Albatross St		
No line	5.20	268.9
Curb	5.50	268.6
¼	5.70	268.4
Center	5.70	268.4
¾	5.90	268.2
Curb	6.00	268.1
So line	6.20	267.9
200' East of Albatross St		
So line	5.00	269.1
Curb	5.00	269.1
¼	6.20	267.9
Center	6.00	268.1

	274.07	
1/4	5.90	268.2
Curb	5.70	268.4
No line	4.80	269.3
225' East of Albatross St		
No line	6.00	268.1
Curb	5.50	268.6
1/4	5.80	268.3
Center	5.80	268.3
1/4	6.60	267.5
Curb	6.80	267.3
So line	6.90	267.2
250' East of Albatross St		
So line	6.10	268.1
Curb	6.40	267.7
1/4	6.20	267.9
Center	6.00	267.1
1/4	5.10	268.4

Curb	5.20	268.9
No line	5.30	268.8
265' East of Albatross St		
No line	3.50	270.6
Curb	3.10	271.0
1/4	3.90	270.2
Center	5.80	268.3
1/4	6.00	268.1
Curb	6.20	267.9
So line	6.60	267.5
West side of 1st St.		
So line	6.00	268.1
Curb	5.70	268.4
1/4	5.40	268.7
Center	5.50	268.6
1/4	4.20	269.9
Curb	3.50	270.6
No line	3.50	270.6

270.07

Curb West side 1st St.

No line	4.30	269.8
Curb	4.40	269.7
1/4	4.90	269.2
Center	5.40	268.7
1/4	5.30	268.8
Curb	5.50	268.6
So line	5.20	268.9

1/4 West side 1st St.

So line	5.40	268.7
Curb	5.20	268.9
1/4	4.90	269.2
Center	5.10	269.0
1/4	4.70	269.4
Curb	4.60	269.5
No line	4.20	269.9

Center of 1st St.

No line	4.00	270.1
Curb	4.00	270.1
1/4	3.30	270.8
Center	4.70	269.4
1/4	4.30	269.8
Curb	4.90	269.2
So line	5.10	269.1

1/4 East side of 1st St

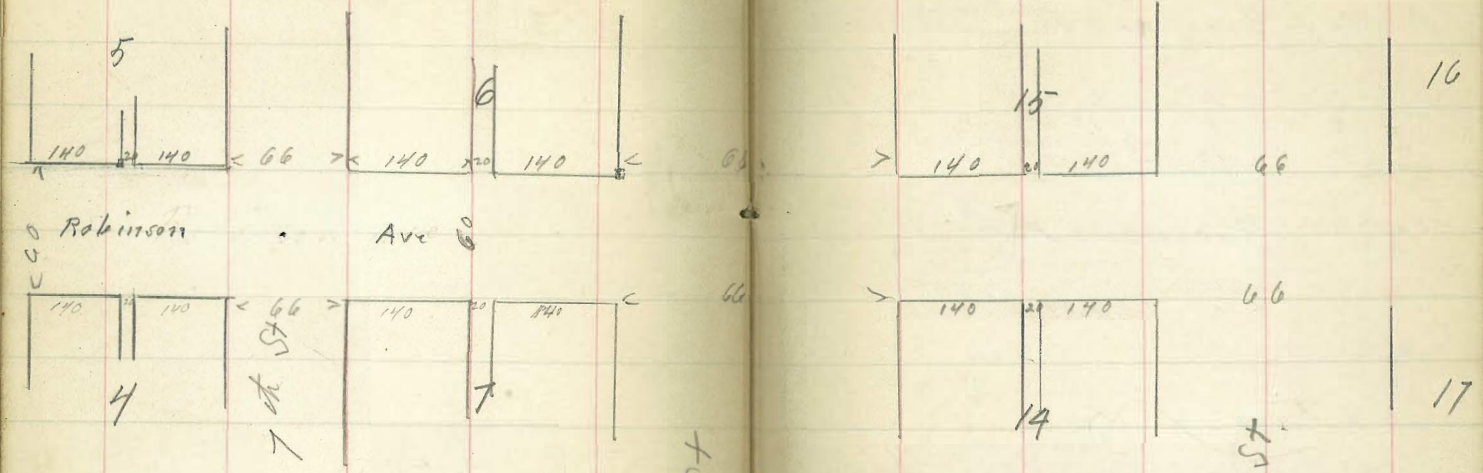
So line	5.00	269.1
Curb	4.70	269.4
1/4	3.90	270.2
Center	4.30	269.8
1/4	3.30	270.8
Curb	3.50	270.6
No line	3.00	271.1

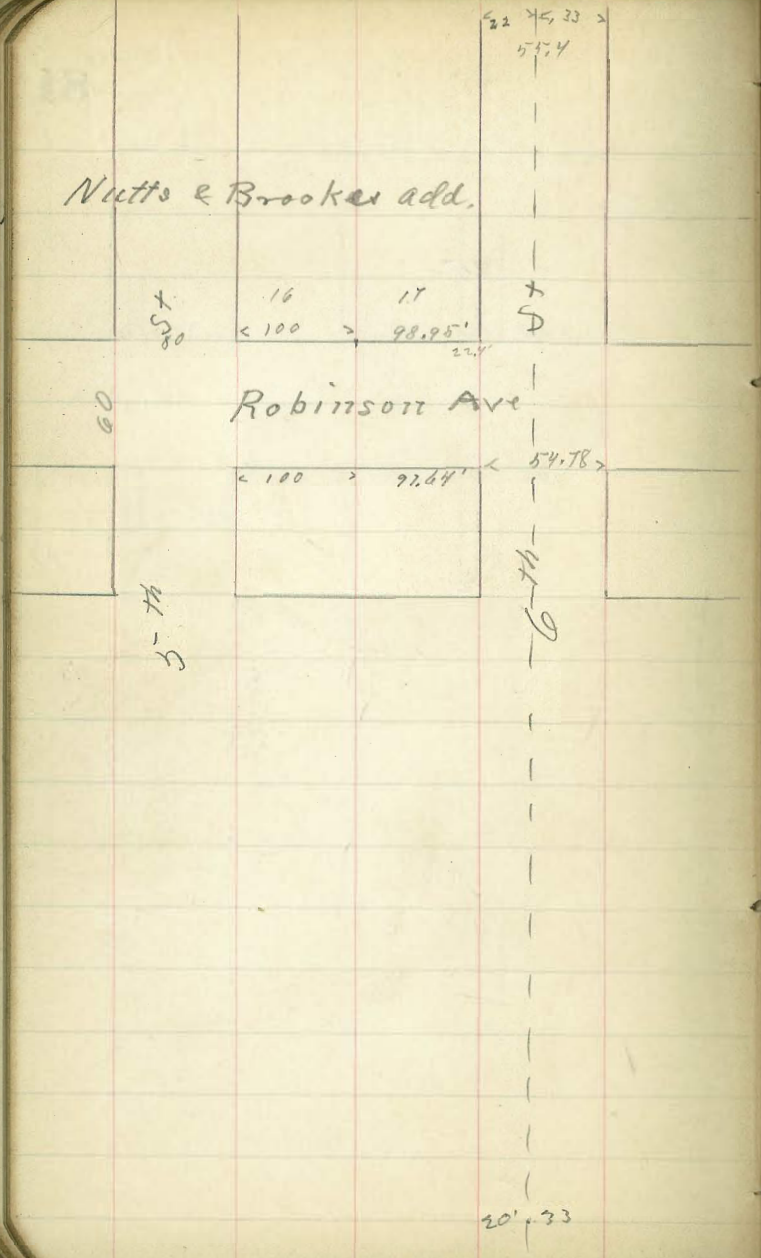
Curb East side 1st St

No line	2.80	271.3

	274.07	
Curb	3.00	271.1
4/4	3.40	270.7
Center	3.80	270.3
4/4	3.90	270.2
Curb	4.40	269.7
So line	4.80	269.3

Crittenden add





First & Robinson B.M. 269.33
SE Spk at cor

B.M. 274.00 N.W. cor Spk at cor
2nd & Robinson

B.M. 283.11 N.W. cor Spk at cor
3rd & Robinson

B.M. 288.88 S.E. cor Spk in tel pole
4th & Robinson

B.M. 289.19 S.E. cor Top of Hydrant Nozzle N.W. Nozzle
5th & Robinson

B.M. 287.17 N.W. cor Spk at cor
6th & Robinson

B.M. 277.55 N.W. cor cop tk at Blk cor
7th & Robinson

B.M. 272.24 S.W. Cop tk top of Blk cor
8th & Robinson

Established B.M.

	47.30				
B.M		-3.65	43.65	On spike	13 ft North & 7 ft W. of N.E. cor 30th & Main st
B.M.	45.95				
B.M.		-0.22	45.72	On spike	South side of Telpole N.E. cor 31st & Main st.

B.M.		0		71.97	B.M. 31st 2 notional
B	+0.03	72.00			
⊙			-11.93	60.07	
B	+0.29	60.36			
B ⊙			-9.99	50.37	
	+2.47	52.84			
			-7.04	45.80	
B.M. as established				45.72	
			Diff	00.08	

66
20
46

23.00
11.50

198.95
175.00
23.95
22.64 | 2
1.31 | 65
197.64
175.00
22.64
65
23.29

54.78
20
34.78 | 2
2 | 17.39 | 2
14 | 16 | 8.64
14 | 13
7

B.M. 61.47' plug. street center
National & 32nd st.

B.M. 65.74' S.E. cor. N. hinge of hydrant
29th & national ave

B.M. 71.97' S.W. cor. hinge hydrant
31st & national ave.

Return to City Engineers Office
City Hall, San Diego, Cal.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Return to City Engineers Office
City Hall, San Diego, Cal.

Degrees	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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