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

400

LEVEL

F.B. 421

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

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

421

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MICROFILMED
DEC 10 1964

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	21/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 2/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 1/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

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

X-section 32nd St N.L. Main To S.L. Bay Arc

10/13/68 Dunkle Shaw Thomas

B.M. Brass Plg cor National & 31st 71.48

B.M.	4.63	73.11		71.48
T.P.	3.26	63.51	12.86	60.25
T.P.	0.40	53.30	10.61	52.90
T.P.	5.38	45.86	12.82	40.48

B.M. E. end wall S.E. cor. S.W. cor Main 32nd 2.72 43.14

See Plot Page 4

45.86

N.L. Main St.

W		5.9	40.0
Crb		6.1	39.8
1/4		6.6	39.3
M		6.9	39.0
1/4		7.7	38.2
Crb		8.0	37.9
E.		8.0	37.9

45.86

N. Curb Main

E.	7.1	38.8
Crb	7.4	38.5
1/4	7.4	38.5
M	7.5	38.4
1/4	6.9	39.0
Crb	6.8	39.1
W	6.9	39.0

N 1/4

W	6.9	39.0
Crb	7.0	38.9
1/4	6.8	39.1
M	6.7	39.2
1/4	6.8	39.1
Crb	6.9	39.0
E	6.9	39.0

POSTED

45.86

N ¼ + 5

E	10.0	35.9
crk	9.4	36.5
¼	8.7	37.2
M	7.9	38.0
¼	7.3	38.6
crk	7.0	38.9
W	6.7	39.2

center

W	7.0	38.9
crk	7.2	38.7
¼	7.5	38.4
M	8.1	37.8
¼	8.9	37.0
crk	9.6	36.3
E	10.2	35.7

45.86

5 ¼

E	10.8	35.1
crk	10.2	35.7
¼	9.4	36.5
M	8.8	37.1
¼	8.1	37.8
crk	7.8	38.1
W	7.5	38.4

5 ¼ + 4

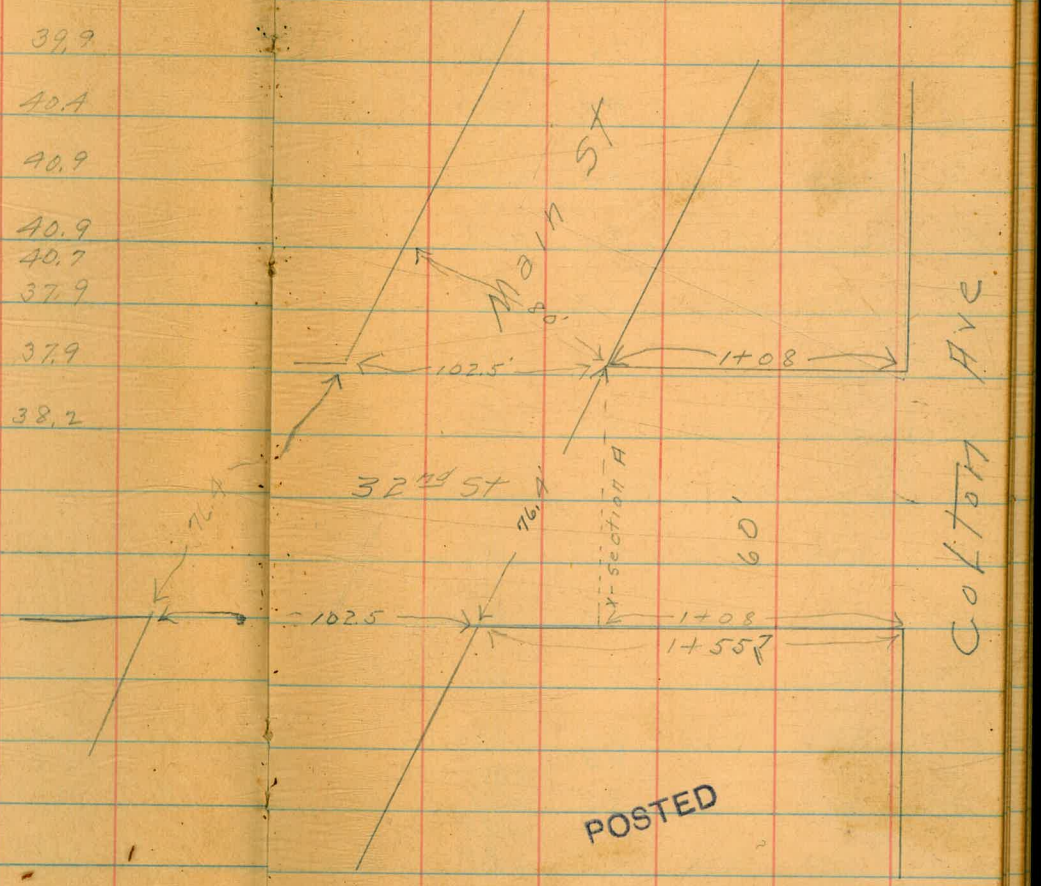
W	7.6	38.3
crk	7.8	38.1
¼	8.2	37.7
M	9.0	36.9
¼	9.5	36.4
crk	10.4	35.5
E	11.1	34.8

POSTED

45.86

5 1/4 + 5

E	6.0	39.9
Crb	5.5	40.4
1/4	5.0	40.9
M	5.0	40.9
+10	5.2	40.7
1/4	8.0	37.9
Crb	8.0	37.9
W	7.7	38.2



POSTED

45.86

S. Curb

W	7.6	38.3
Crb	7.9	38.0
+8	7.5	38.4
+10	5.6	40.3
1/4	4.8	41.1
M	4.1	41.8
1/4	4.0	41.9
Crb	4.4	41.5
E	5.3	40.6

S.L. Main

E	5.5	40.4
Crb	4.6	41.3
1/4	3.8	42.1
M	3.4	42.5
1/4	3.8	42.1
+3	4.8	41.1
+5	6.1	39.8
Crb	6.9	38.9
W	7.0	38.9 ~~43.9~~

45.86

S.L. Main + 1.0'

W	2.0	43.9
Crb	2.4	43.5
1/4	2.6	43.3
M	3.4	42.5
1/4	3.8	42.1
Crb	4.6	41.3
E	5.5	40.4

X-Section A Sec Plot P4

E	5.5	40.4
Crb	4.8	41.1
1/4	4.2	41.7
M	3.7	42.2
1/4	3.1	42.8
Crb	2.7	43.2
W	2.0	43.9

POSTED

45.86

X-section "A" + 33'

W	3.1	42.8
Crb	3.8	42.1
1/4	4.6	41.3
M	5.0	40.9
1/4	5.5	40.3
Crb	6.1	39.8
E	6.5	39.4

0+58

E	7.0	38.9
Crb	6.8	39.1
1/4	7.3	38.6
M	6.6	39.3
1/4	5.2	40.7
Crb	4.5	41.4
W	3.4	42.5

0+83 from sec "A"

W	5.6	40.3
Crb	6.3	39.6
1/4	7.3	38.6
M	8.1	37.8
1/4	8.5	37.4
Crb	8.5	37.4
E	8.5	37.4

1+08 = N.L. Colton

E	9.7	36.2
Crb	9.4	36.5
1/4	9.3	36.6
M	8.9	37.0
1/4	8.6	37.3
Crb	8.2	37.7
W	7.9	38.0

POSTED

45.86

N curb Cotton

W	8.2	37.7
crb	8.4	37.5
1/4	8.9	37.0
M	9.1	36.8
1/4	9.6	36.3
crb	9.7	36.2
E	9.6	36.3

N 1/4

E	9.9	36.0
crb	9.9	36.0
1/4	9.8	36.1
M	9.4	36.5
1/4	9.1	36.8
crb	8.8	37.1
W	8.5	37.4

center

W	9.0	36.9
crb	9.2	36.7
1/4	9.4	36.5
M	9.8	36.1
1/4	10.1	35.8
crb	10.2	35.7
E	10.3	35.6

S 1/4

E	10.6	35.3
crb	10.5	35.4
1/4	10.5	35.4
M	10.1	35.8
1/4	10.0	35.9
crb	9.9	36.0
W	9.6	36.3

Wood

POSTED

45.86

S curb

W		9.9	36.0
crb		10.1	35.8
1/4		10.3	35.6
M		10.7	35.2
1/4		10.9	35.0
crb		11.1	34.8
E		11.1	34.8

S.L. Colton

E		11.5	34.4
crb		11.5	34.4
1/4		11.6	34.3
M		11.0	34.9
1/4		10.7	35.2
crb		10.6	35.3
W		10.5	35.4

0+25 S

W		11.3	34.6
crb		11.5	34.4
1/4		11.6	34.3
M		11.7	34.2
1/4		11.9	34.0
crb		12.3	33.6
E		12.3	33.6
T.P.	1.52	34.85	12.53	33.33

0+50

E		1.8	33.1
crb		1.9	33.0
1/4		1.9	33.0
M		1.4	33.5
1/4		1.2	33.7
crb		1.0	33.9
W		0.7	34.2

POSTED

34.85

0+75

W	1.4	33.5
crb	1.7	33.2
1/4	1.4	33.5
M	1.8	33.1
1/4	2.2	32.7
crb	2.3	32.6
E	2.7	32.2

1+00

E	3.3	31.6
crb	2.8	32.1
1/4	2.8	32.1
M	2.4	32.5
1/4	2.2	32.7
crb	2.0	32.9
W	2.0	32.9

1+25

W	2.5	32.4
crb	2.7	32.2
1/4	2.7	32.2
M	3.2	31.7
1/4	3.5	31.4
crb	3.5	31.4
E	4.0	30.9

1+50

E	4.7	30.2
crb	4.3	30.6
1/4	4.2	30.7
M	3.6	31.3
1/4	3.1	31.8
crb	3.1	31.8
W	3.0	31.9

POSTED

	34.85		
	1+75		
W		3.4	31.5
crb		3.6	31.3
"4		3.6	31.3
M		4.2	30.7
"4		4.5	30.4
crb		4.6	30.3
E		5.0	29.9
	2+0		
E		5.4	29.5
crb		5.0	29.9
"4		4.8	30.1
M		4.4	30.5
"4		3.8	31.1
crb		3.8	31.1
W		3.7	31.2

	2+25		
W		4.0	30.9
crb		4.1	30.8
"4		4.2	30.7
M		5.3	29.6
"4		5.9	29.0
crb		6.1	28.8
E		6.0	28.9
	2+50		
E		6.5	28.4
crb		7.0	27.9
"4		6.7	28.2
M		6.6	28.3
+8		6.0	28.9
"4		4.8	30.1
crb		4.6	30.3
W		4.5	30.4

POSTED

34.85

2+75

W	5.3	29.6
crb	5.2	29.7
+5	5.5	29.4
1/4	7.0	27.9
M	7.6	27.3
1/4	7.6	27.3
crb	8.0	26.9
+6	8.0	26.9
E	6.8	28.1

3+00 = N.L. Bay Ay @ 80°

E	6.5	28.4
+1	6.8	28.1
+2	8.1	26.8
crb	9.1	25.8
1/4	8.8	26.1
M	9.0	25.9
1/4	8.8	26.1
+7	6.1	28.8
crb	5.7	29.2
W	5.9	29.0

N curb Bay

W	6.4	28.5
crb	6.5	28.4
+3	7.7	27.2
+5	9.3	25.6
1/4	9.8	25.1
M	9.9	25.0
1/4	9.5	25.4
crb	9.8	25.1
+8	8.7	26.2
E	6.1	28.8

N 1/4

E	6.1	28.8
+1	6.4	28.5
+5	10.2	24.7
crb	10.9	24.0
1/4	10.2	24.7
M	10.8	24.1
1/4	10.4	24.5
+5	10.3	24.6
crb	7.3	27.6
W	7.1	27.8

POSTED

34.85

Center

W	7.3	27.6
crb	7.5	27.4
+3	10.6	24.3
1/4	11.0	23.9
M	11.3	23.6
1/4	11.0	23.9
crb	11.2	23.7
+5	10.9	24.0
E	6.5	28.4

S 1/4

E	7.1	27.8
+5	11.6	23.3
crb	11.6	23.3
1/4	11.5	23.4
M	11.8	23.1
1/4	11.8	23.1
+5	11.3	23.6
crb	7.6	27.3
W	7.4	27.5

5 curb

W	7.9	27.0
crb	8.3	26.6
+3	11.4	23.5
1/4	12.0	22.9
M	12.1	22.8
1/4	12.0	22.9
crb	12.5	22.4
+5	11.9	23.0
E	7.8	27.1

S.L. Bay Ave

E	9.1	25.8
+5	12.2	22.7
crb	12.9	22.0
1/4	12.4	22.5
M	12.7	22.2
+2	13.7	21.2
1/4	14.3	20.6
+3	14.2	20.7
+5	12.7	22.7
+8	10.8	24.1
crb	8.7	26.2
W	8.2	26.7

POSTED

X. Sect. 3rd Spruce to Redwood.

		N.E.		
J.P.	7.05	280.06	273.01	B.M. 2nd & Spruce
		So. line Spruce		
E. line		3.7	276.4	
		4.0	276.1	
gutter		5.0	275.1	
		4.5	275.6	
C		4.2	275.9	
		4.4	275.7	
gutter		5.0	275.1	
		4.0	276.1	
W. line		3.8	276.3	
		25' So.		
W line		3.4	276.7	
+7		8.5	276.6	
+10		4.6	275.5	
CB.		5.0	275.1	
		4.8	275.3	
C		4.4	275.7	
		4.2	275.9	
		4.6	275.5	
E line		4.2	275.9	

		50' So	
E line		7.0	273.1
		5.2	274.9
		4.9	275.2
C		4.7	275.4
		4.7	275.4
CB		5.3	274.8
+13		4.7	275.4
+15		3.7	276.4
W line		3.7	276.4
		75' So.	
W. line		4.0	276.1
+5'		4.2	275.9
+7'		5.0	275.1
		5.5	274.6
		5.4	274.7
C		5.4	274.7
		5.5	274.6
		5.5	274.6
E line		6.9	273.2

POSTED

100' So.

E. line	8.0	272.1
	6.1	274.0
	5.8	274.3
C	5.5	274.6
	5.5	274.6
	5.4	274.7
W line	4.3	275.8

125' So

W line	4.8	275.3
	4.5	275.6
	4.5	275.6
C	4.7	275.4
	6.1	274.0
	6.8	273.3
E line	9.0	271.1

150' So.

E line	9.6	270.5
	7.2	272.9
	5.9	274.2
C	5.1	275.0
	4.8	275.3
	4.8	275.3
W line	5.0	275.1

175' So

West line	5.1	275.0
	5.1	275.0
	5.2	274.9
C	5.7	274.4
	7.3	274.8
	8.4	271.7
E line	10.9	269.2

POSTED

200' Rd

Eline		11.8	268.3
		8.2	271.9
		7.0	273.1
C		6.1	274.0
		5.6	274.5
		5.4	274.7
Wline		5.4	274.7

225' Rd.

Wline		5.7	274.7
		5.8	274.3
		5.9	274.2
C		6.4	273.7
		7.3	272.8
		8.5	271.6
Eline		11.0	269.1

280.06

250' Rd.

Eline		14.7	265.4
		10.0	270.1
		8.9	271.2
C		7.5	272.6
		6.5	273.6
		6.3	273.8
Wline		6.2	273.9

275' Rd

		N.E.		
T.P.	1.86	275.65	6.27	273.79
Wline			2.3	273.4
			2.3	273.4
			3.2	272.5
C			4.4	271.3
			5.9	269.8
			8.9	266.6
Eline			15.5	260.2

POSTED

275.65

(300' to) no. line Redwood

Eline +7'	18.5	257.2
	13.7	262.0
	10.7	265.0
	8.0	267.7
C	5.4	270.3
	4.5	271.2
	3.6	272.1
Wline	3.4	272.3

no. 66

Wline	3.8	271.9
	6.1	270.6
	6.4	269.3
C	7.9	267.8
	10.0	265.7
	12.0	263.7
Eline	14.6	261.1

275.65

no. 1/4

Eline	14.3	261.4
	12.9	262.8
	11.4	263.3
C	9.8	265.9
	8.4	267.3
	6.7	269.0
Wline	4.4	271.3

Center

Wline	4.3	271.4
	8.4	267.3
	10.3	265.4
C	11.7	264.0
	12.4	263.3
	13.4	262.3
Eline	14.9	260.8

POSTED

275.65

Po 1/4

E line	15.2	260.5
	14.1	261.6
	13.1	262.6
C	12.5	263.2
	11.5	264.2
	9.9	265.8
W line	4.8	270.9

Po. Cb.

W line	4.7	271.0
+5'	4.3	271.4
+15'	9.7	266.0
Cb	10.7	265.0
	11.8	263.9
C	13.2	262.5
	13.9	261.8
	14.5	261.2
E line	16.9	259.8

275.65

So. line Redwood

E line	16.8	258.9
	15.6	260.1
	14.7	261.0
C	13.5	262.2
	12.9	262.8
	10.9	264.8
W line	5.2	270.5

POSTED

X-Section Alabama – University 10/26/08 Dimkle
To Adams. Alabama 80 wide Shaw
B.M. SPK tadley pole N.W. cor Univ & Ala. 266.31 Thomas

B.M.	279.14	12.83	266.31
	N.L. University		
W		14.7	269.4
crk		12.5	266.6
"4		11.3	267.8
M		10.7	268.4
"4		10.4	268.7
crk		10.2	268.9
E		8.9	270.2
	0+25 N		
E		8.0	271.1
crk		8.3	270.8
"4		8.3	270.8
M		8.9	270.2
"4		9.6	269.5
crk		10.5	268.6
W		13.3	265.8

	279.14		
	0+50		
W		12.5	266.6
crk		9.8	269.3
"4		8.5	270.6
M		7.9	271.2
"4		7.1	272.0
crk		6.9	272.2
E		6.3	272.8
	0+75		
E		4.8	274.3
crk		5.5	273.6
"4		6.1	273.0
M		6.8	272.3
"4		7.8	271.3
crk		9.5	269.6
W		12.5	266.6

P

POSTED

	279.14			
	1+00			
W			11.8	267.3
crb			9.3	269.8
1/4			7.1	272.0
M			5.9	273.2
1/4			5.0	274.1
crb			4.2	274.9
E			2.8	276.3
	1+25			
E			2.3	276.8
crb			2.9	276.2
1/4			4.0	275.1
M			4.8	274.3
1/4			6.2	272.9
crb			8.2	270.9
W			10.6	268.5

	279.14			
	1+50			
W			9.9	269.2
crb			7.0	272.1
1/4			4.9	274.2
M			3.8	275.3
1/4			3.0	276.1
crb			1.9	277.2
E			1.1	278.0
T.P.	5.75	283.84	1.05	278.09
	1+75			
E			5.0	278.8
crb			5.8	278.0
1/4			6.7	277.1
M			7.7	276.1
1/4			9.0	274.8
crb			10.7	273.1
W			13.7	270.6

POSTED

	283.84		
	2+00		
W		11.9	271.9
crb		8.9	274.9
"4		7.5	276.3
M		6.6	277.2
"4		5.6	278.2
crb		4.8	279.0
E		4.0	279.8
	2+25		
E		2.9	280.9
crb		3.8	280.0
"4		4.6	279.2
M		5.5	278.3
"4		6.5	277.3
crb		7.5	276.3
W		9.1	274.7

	283.84		
	2+50		
W		7.3	276.5
crb		6.1	277.7
"4		5.3	278.5
M		4.2	279.6
"4		3.5	280.3
crb		3.0	280.8
E		2.2	281.6
	2+75		
E		1.4	282.4
crb		2.1	281.7
"4		2.8	281.0
M		3.6	280.2
"4		4.5	279.3
crb		5.0	278.8
W		6.2	277.6

POSTED

283.84

3+00

W	5.2	278.6
crb	4.5	279.3
½	3.5	280.3
M	2.8	281.0
½	2.2	281.6
crb	1.7	282.1
E	0.9	282.9

3+25

E	0.9	282.9
crb	1.5	282.3
½	2.1	281.7
M	2.5	281.3
½	3.1	280.7
crb	4.0	279.8
W	4.5	279.3

283.84

3+50

W	4.3	279.5
crb	3.4	280.4
½	3.0	280.8
M	2.3	281.5
½	1.7	282.1
crb	1.5	282.3
E	0.7	283.1

3+75

E	0.7	283.1
crb	1.4	282.4
½	2.1	281.7
M	3.1	280.7
½	3.6	280.2
crb	4.1	279.7
W	4.6	279.2

POSTED

		283.84		
		4+0		
W			6.4	277.4
crk			5.4	278.4
"a			5.0	278.8
M			4.6	279.2
"a			3.8	280.0
crk			2.8	281.0
E			1.8	282.0
		4+25		
E			8.3	275.5
crk			8.4	275.4
"a			9.1	274.7
M			9.7	274.1
"a			10.3	273.5
crk			10.9	272.9
W			11.5	272.3
T. P.	4.69	275.94	12.59	271.25

	275.94		
	4+50		
W		9.4	266.5
crk		8.1	267.8
"a		7.3	268.6
M		7.0	268.9
"a		7.3	268.6
crk		8.8	267.1
E		10.1	265.8
	4+75		
E		10.9	265.0
crk		12.8	263.1
"a		11.4	264.5
M		12.0	263.9
"a		12.1	263.8
crk		12.9	263.0
W		14.0	261.9

POSTED

		275.94		
		5+0		
W			12.4	263.5
Crb			12.1	263.8
1/4			11.9	264.0
M			11.7	264.2
1/4			12.1	263.8
Crb			11.1	264.8
E			8.1	267.8
		5+25		
E			1.4	274.5
Crb			2.0	273.9
1/4			5.0	270.9
M			6.6	269.3
1/4			8.4	267.5
Crb			8.4	267.5
W			7.7	268.2
T. P. 1	12.80	287.92	0.8.2	275.12

		287.92		
		5+50		
W			11.2	276.7
Crb			11.8	276.1
1/4			11.8	276.1
M			11.3	276.6
1/4			10.7	277.2
Crb			10.2	277.7
E			9.4	278.5
		5+75		
E			6.1	281.8
Crb			6.7	281.2
1/4			7.2	280.7
M			7.6	280.3
1/4			8.2	279.7
Crb			8.6	279.3
W			8.9	279.0

287.92

6+00 = S.L. Lincoln 80' wide

W	6.1	281.8
crb	5.9	282.0
1/4	5.4	282.5
M	5.2	282.7
1/4	4.9	283.0
crb	4.3	283.6
E	3.7	284.2

S. curb

E	2.2	285.7
crb	2.7	285.2
1/4	3.3	284.6
M	3.8	284.1
1/4	4.0	283.9
crb	4.5	283.4
W	5.3	282.6

287.92

5 + 4

W	4.3	283.6
crb	3.5	284.4
1/4	2.9	285.0
M	2.2	285.7
1/4	2.4	285.5
crb	1.9	286.0
E	1.4	286.5

Center

E	0.7	287.2
crb	1.1	286.8
1/4	1.5	286.4
M	1.8	286.1
1/4	2.5	285.4
crb	3.0	284.9
W	3.5	284.4

		287.92		
		N "4		
W			2.8	285.1
Crk			2.3	285.6
"4			1.8	286.1
M			1.2	286.7
"3			0.8	287.1
Crk			0.6	287.3
E			0.0	287.9
T.P.	12.66	300.43	0.15	287.77
		N. Curb		
E			11.5	288.9
Crk			12.1	288.3
"4			12.5	287.9
M			12.8	287.6
"3			13.0	287.4
Crk			13.9	286.5
W			14.5	285.9

		300.43		
		N.L. Lincoln		
W			14.1	286.3
Crk			13.0	287.4
"3			12.9	287.5
M			12.5	287.9
"4			12.2	288.2
Crk			11.6	288.8
E			11.0	289.4
	0+25	N		
E			10.0	290.4
Crk			10.0	290.4
"4			10.5	289.9
M			11.1	289.3
"3			11.8	288.6
Crk			12.4	288.0
W			13.1	287.3

POSTED

	300.43		
	0+50		
W		11.9	288.5
crb		11.8	288.6
½		10.8	289.6
M		10.4	290.0
½		9.6	290.8
crb		8.9	291.5
E		8.4	292.0
	0+75		
E		7.6	292.8
crb		8.0	292.4
½		8.7	291.7
M		9.4	291.0
½		10.1	290.3
crb		10.9	289.5
W		11.3	289.1

	300.43		
	1+0		
W		10.6	289.8
crb		10.1	290.3
½		9.5	290.9
M		8.5	291.9
½		8.0	292.4
crb		7.2	293.2
+5		7.2	293.2
E		5.0	295.4
	1+25		
E		6.3	294.1
crb		5.4	295.0
+6		7.0	293.4
½		7.3	293.1
M		8.1	292.3
½		8.8	291.6
crb		9.7	290.7
W		10.5	289.9

300.43

1+50

W		10.0	290.4
crb		9.3	291.1
1/4		8.5	291.9
M		7.7	292.7
+10		6.8	293.6
1/4		6.2	294.2
+2		5.6	294.8
crb		6.3	294.1
E		5.6	294.8

1+75

E		5.6	294.8
crb		5.9	294.5
+5		6.5	293.9
1/4		6.0	294.4
+8		6.0	294.4
+10		7.3	293.1
M		7.5	292.9
1/4		7.9	292.5
crb		8.9	291.5
W		9.9	290.5

300.43

2+0

W		9.6	290.8
crb		8.7	291.7
1/4		7.7	292.7
+		7.3	293.1
M		6.7	293.7
1/4		6.7	293.7
crb		5.9	294.5
E		4.0	296.4

2+25

E		4.9	295.5
crb		6.0	294.4
1/4		6.7	293.7
M		6.3	294.1
+5		7.8	292.6
1/4		8.4	292.0
crb		8.9	291.5
W		9.7	290.7

	300.43		
	2+50		
W		10.0	290.4
crk		9.0	291.4
1/4		8.4	292.0
+5		7.9	292.5
+8		6.6	293.8
M		6.5	293.9
1/4		6.5	293.9
crk		5.1	295.3
E		4.5	295.9
	2+75		
E		4.5	295.9
crk		5.4	295.0
1/4		6.4	294.0
M		6.9	293.5
+4		6.8	293.6
+8		8.2	292.2
1/4		8.5	291.9
crk		9.1	291.3
W		9.8	290.6

	300.43		
	3+0		
W		9.8	290.6
crk		9.1	291.3
1/4		8.3	292.1
+8		7.0	293.4
M		7.1	293.3
+5		7.2	293.2
+10		5.3	295.1
1/4		5.6	294.8
crk		5.9	294.5
E		5.0	295.4
	3+25		
E		5.0	295.4
crk		5.6	294.8
1/4		6.3	294.1
+3		6.5	293.9
+5		7.3	293.1
M		7.4	293.0
1/4		8.1	292.3
crk		9.2	291.2
W		9.6	290.8

300.43

3+50

W	10.1	290.3
crk	8.8	291.6
1/4	8.4	292.0
+5	8.5	291.9
+7	7.7	292.7
M	7.5	292.9
+9	7.6	292.8
+11	6.8	293.6
1/4	6.6	293.8
crk	5.4	295.0
E	5.4	295.0

3+75

E.	6.1	294.3
crk	6.5	293.9
1/4	7.3	293.1
M	7.5	292.9
+4	7.4	293.0
+6	8.2	292.2
1/4	8.3	292.1
+8	8.4	292.0
crk	9.4	291.0
W	10.4	290.0

300.43

4+0

W	9.9	290.5
crk	9.0	291.4
1/4	8.5	291.9
+7	8.3	292.1
+9	7.8	292.6
M	7.8	292.6
1/4	7.2	293.2
crk	6.9	293.5
E	5.9	294.5

4+25

E	5.5	294.9
crk	6.1	294.3
1/4	5.8	294.6
+3	6.1	294.3
+6	7.5	292.9
M	7.9	292.5
1/4	8.4	292.0
crk	8.7	291.7
W	9.4	291.0

POSTED

300.45

4+50

W		9.4	291.0
crb		8.7	291.7
1/4		8.2	292.2
M		8.0	292.4 —
+10		7.4	293.0
1/4		6.2	294.2
crb		5.6	294.8
E		5.4	295.0

4+75

E		5.8	294.6
crb		6.0	294.4
1/4		6.9	293.5
+3		7.1	293.3
+5		7.7	292.7
M		8.0	292.4 —
1/4		8.2	292.2
+7		7.9	292.5
+10		8.9	291 5
crb		9.2	291.2
W		9.9	290.5

300.43

5+0

W		10.1	290.3
+10		8.6	291.8
crb		8.4	292.0
1/4		8.5	291.9
M		8.0	292.4 —
+10		7.6	292.8
+11		7.0	293.4
1/4		7.0	293.4
crb		6.3	294.1
E		6.1	294.3

5+25

E		5.1	295.3
+10		6.7	293.7
crb		7.0	293.4
1/4		6.8	293.6
+2		6.8	293.6
+4		7.7	292.7
M		7.9	292.5 —
1/4		8.7	291.7
crb		9.7	290.7
W		10.5	289.9

		300.43			
		5+50			
W			10.8	289.6	
crb			9.4	291.0	
1/4			9.3	291.1	
+ 4			8.4	292.0	
M			8.0	292.4	—
+8			7.9	292.5	
+10			6.3	294.1	
1/4			6.3	294.1	
crb			6.7	293.7	
E			4.7	295.7	
		5+75			
E			5.8	294.6	
crb			5.9	294.5	
+3			6.5	293.9	
1/4			7.6	292.8	
+5			7.5	292.9	
+6			8.0	292.4	
M.			8.0	292.4	—
+10			8.7	291.7	
+11			8.3	292.1	
1/4			8.4	292.0	
crb			9.4	291.0	
W			10.9	289.5	

6+0 = S.L. Polk 80' wide

W			11.1	289.3	
crb			9.5	290.9	
1/4			8.8	291.6	
+8			8.3	292.1	
M			8.3	292.1	—
+9			8.1	292.3	
+10			7.7	292.7	
1/4			7.8	292.6	
+10			6.3	294.1	
crb			6.1	294.3	
E			5.9	294.5	
T.P.	2.08	296.66	5.85	294.58	Plg S.E. Cor Alabama & Polk.
		5 curb.			
E			1.7	295.0	
crb			2.7	294.0	
+7			2.9	293.8	
+9			4.0	292.7	
1/4			4.4	292.3	
M			4.6	292.1	—
1/4			5.3	291.4	
crb			6.7	290.0	
W			7.2	289.5	

POSTED

296.66

S ¼

W	7.9	288.8
crb	5.9	290.8
¼	5.2	291.5
	4.8	291.9
M	4.2	292.5
¼	4.0	292.7
+3	3.2	293.5
+5		
crb	2.9	293.8
E	1.7	295.0

center

E	1.7	295.0
crb	2.6	294.1
¼	4.2	292.5
M	4.7	292.0
¼	5.8	290.9
crb	5.7	291.0
W	8.0	288.7

296.66

N ¼

W	8.3	288.4
crb	7.2	289.5
¼	6.4	290.3
+3	5.6	291.1
M	5.1	291.6
¼	4.6	292.1
crb	3.5	293.2
E	2.0	294.7

N curb

E	2.0	294.7
crb	3.6	293.1
¼	4.2	292.5
M	5.0	291.7
¼	6.0	290.7
crb	7.2	289.5
W	8.4	288.3

POSTED

296.66

N.L. Pole K

W	8.7	288.0
Crb	7.4	289.3
+ 8	6.7	290.0
+ 10	5.9	290.8
¼	5.9	290.8
M	4.8	291.9
¼	4.6	292.1
Crb	3.5	293.2
E	2.3	294.4

0+25' N

E	2.3	294.4
Crb	3.4	293.3
¼	4.5	292.2
M	5.5	291.2
¼	6.6	290.1
Crb	8.0	288.7
W	8.7	288.0

296.66

0+50

W	8.7	288.0
Crb	8.1	288.6
¼	7.0	289.7
M	5.7	291.0
¼	4.6	292.1
+ 5	4.1	292.6
+ 7	3.3	293.4
Crb	3.6	293.1
E	2.1	294.6

0+75

E	2.5	294.2
Crb	4.1	292.6
¼	5.1	291.6
M	6.3	290.4
¼	7.1	289.6
Crb	8.0	288.7
W	9.3	287.4

296.66

1+00

W		10.1	286.6
crk		8.8*	287.9
1/4		7.7	289.0
M		7.0	289.7
1/4		5.8	290.9
crk		4.9	291.8
E		4.1	292.6

1+25

E		3.7	293.0
crk		5.4	291.3
1/4		6.3	290.4
M		7.2	289.5
1/4		7.8	288.9
crk		9.0	287.7
W		10.1	286.6

296.66

1+50

W		10.2	286.5
crk		9.0	287.7
1/4		8.3	288.4
M		7.4	289.3
1/4		6.6	290.1
crk		6.0	290.7
+10		4.1	292.6
E		4.0	292.7

1+75

E		5.4	291.3
crk		6.3	290.4
1/4		7.1	289.6
M		7.5	289.2
1/4		8.5	288.2
crk		9.5	287.2
W		10.5	286.2

296.66

2+00

W		10.6	286.1
crk		9.6	287.1
"/4		8.3	288.4
M		7.6	289.1
"/4		6.9	289.8
crk		6.8	289.9
E		5.6	291.1

2+25

E		6.1	290.6
crk		6.7	290.0
"/4		7.2	289.5
M		7.7	289.0
"/4		8.7	288.0
crk		9.7	287.0
W		10.6	286.1

296.66

2+50

W		10.5	286.2
crk		9.4	287.3
"/4		8.5	288.2
M		7.8	288.9
"/4		7.4	289.3
crk		6.7	290.0
E		6.1	290.6

2+75

E		6.0	290.7
crk		6.5	290.2
"/4		6.9	289.8
M		7.8	288.9
"/4		8.4	288.3
crk		9.3	287.4
W		10.3	286.4

296.66

3+00

W	10.1	286.6
Crb	9.0	287.7
½	8.2	286.5
M	7.4	289.3
½	6.7	290.0
Crb	6.2	290.5
E	6.3	290.4

3+25

E	6.0	290.7
Crb	6.3	290.4
½	6.7	290.0
M	7.3	289.4
½	8.1	288.6
Crb	8.9	287.8
W	9.7	287.0

296.66

3+50

W	9.5	287.2
Crb	8.4	288.3
½	7.9	288.8
M	7.2	289.5
½	6.3	290.4
Crb	6.0	290.7
E	5.7	291.0

3+75

E	5.3	291.4
Crb	5.6	291.1
½	6.1	290.6
M	7.0	289.7
½	7.5	289.2
Crb	8.5	288.2
W	9.3	287.4

POSTED

296.66

4+00

W		9.1	287.6
Crb		8.1	288.6
1/4		7.5	289.2
M		7.1	289.6
1/4		6.2	290.5
Crb		5.5	291.2
E		5.2	291.5

4+25

E		5.4	291.3
Crb		5.7	291.0
1/4		6.4	290.3
M		7.0	289.7
1/4		7.6	289.1
Crb		8.1	288.6
W		8.7	288.0

296.66

4+50

W		8.8	287.9
Crb		8.0	288.7
1/4		7.4	289.3
M		6.8	289.9
1/4		6.1	290.6
Crb		5.2	291.5
E		4.3	292.4

4+75

E		4.7	292.0
Crb		5.5	291.2
1/4		5.9	290.8
M		6.5	290.2
1/4		7.5	289.2
Crb		8.1	288.6
W		8.5	288.2

296.66

5+00

W	8.3	288.4	
crk	7.8	288.9	
1/4	7.2	289.5	
M	6.3	290.4	—
1/4	6.0	290.7	
crk	5.5	291.2	
E	5.3	291.4	

5+25

E	4.4	292.3	
crk	5.8	290.9	
1/4	6.1	290.6	
M	6.5	290.2	—
1/4	6.9	289.8	
crk	7.2	289.5	
W	8.1	288.6	

296.66

5+50

W	7.7	289.0	
crk	7.2	289.5	
1/4	6.8	289.9	
M	5.8	290.9	—
1/4	5.5	291.2	
crk	4.5	292.2	
E	4.0	292.7	

5+75

E	4.0	292.7	
crk	4.5	292.2	
1/4	5.8	290.9	
M	6.3	290.4	—
1/4	6.6	290.1	
crk	6.9	289.8	
W	7.5	289.2	

296.66

6+00 = S.L. Howard 80' wide

W	7.0	289.7
curb	7.1	289.6
1/4	6.5	290.2
M	5.6	291.1
1/4	5.3	291.4
curb	4.5	292.2
E	3.8	292.9

S. curb

E	3.6	293.1
curb	4.5	292.2
1/4	4.9	291.8
M	4.8	291.9
+5	4.8	291.9
1/4	6.1	290.6
curb	6.9	289.8
W	6.7	290.0

296.66

S 1/4

W	5.7	291.0
curb	6.1	290.6
1/4	5.9	290.8
+5	5.4	291.3
M	4.2	292.5
1/4	3.7	293.0
curb	3.7	293.0
E	3.4	293.3

Center

E	3.2	293.5
curb	3.1	293.6
1/4	3.6	293.1
M	4.8	291.9
1/4	5.3	291.4
curb	5.0	291.7
W	5.0	291.7

296.66

N ¼

W		4.2	292.5
Crb		4.6	292.1
¼		5.2	291.5
M		5.0	291.7
¼		4.1	292.6
Crb		3.7	293.0
E		3.6	293.1

N. Curb

E		3.1	293.6
Crb		3.4	293.3
¼		2.9	293.8
M		3.6	293.1
¼		4.6	292.1
Crb		3.7	293.0
W		3.6	293.1

N. L. Howard

W			3.1	293.6
Crb			3.3	293.4
¼			3.9	292.8
M			2.5	294.2
¼			2.4	294.3
Crb			2.2	294.5
E			1.9	294.8
T.P.	10.97	305.74	1.89	294.77

0+25' N

E		9.8	295.9
Crb		9.8	295.9
¼		10.6	295.1
M		10.9	294.8
¼		12.0	293.7
Crb		11.8	293.9
W		12.1	293.6

305.74

0+50' N

W		12.5	293.2
Crb		10.9	294.8
1/4		9.7	296.0
M		11.3	294.4
1/4		10.4	295.3
Crb		10.0	295.7
E		9.7	296.0

0+75

E		8.1	297.6
Crb		8.7	297.0
1/4		9.2	296.5
M		9.7	296.0
1/4		10.0	295.7
Crb		10.6	295.1
W		11.3	294.4

305.74

1+0

W		11.0	294.7
Crb		9.0	296.7
1/4		8.4	297.3
M		9.0	296.7
1/4		8.0	297.7
Crb		6.1	299.6
E		5.6	300.1

1+25

E		6.0	299.7
Crb		6.7	299.0
1/4		8.1	297.6
M		8.6	297.1
1/4		9.3	296.4
Crb		9.6	296.1
W		10.0	295.7

	305.74		
	1+50		
W		9.9	295.8
Crk		9.2	296.5
¼		8.9	296.8
M		8.6	297.1
¼		7.2	298.5
Crk		5.5	300.2
E		5.3	300.4
	1+75		
E		6.0	299.7
Crk		6.4	299.3
¼		7.4	299.3
M		6.7	299.0
¼		6.9	298.8
Crk		8.6	297.1
W		9.5	296.2

	305.74		
	2+0		
W		8.8	296.9
Crk		8.3	297.4
¼		7.9	297.8
M		7.2	298.5
¼		6.0	299.7
Crk		6.2	299.5
E		4.3	301.4
	2+25		
E		4.8	300.9
Crk		5.9	299.8
¼		5.9	299.8
M		6.1	299.6
¼		6.7	299.0
Crk		6.1	299.6
W		7.9	297.8

305.74

2+50

W		8.5	297.2
Crb		7.1	298.6
1/4		6.8	298.9
M		6.6	299.1
1/4		5.7	300.0
Crb		4.2	301.5
E		3.3	302.4

2+75

E		3.9	301.8
Crb		5.1	300.6
1/4		5.5	300.2
M		5.4	300.3
1/4		6.9	298.8
Crb		6.8	298.9
W		6.3	299.4

305.74

3+0

W		6.4	299.3
Crb		6.2	299.5
1/4		5.7	300.0
M		5.1	300.6
1/4		4.9	300.8
Crb		3.3	302.4
E		2.6	303.1

3+25

E		2.0	303.7
Crb		4.3	301.4
1/4		4.6	301.1
M		4.9	300.8
1/4		5.2	300.5
Crb		5.5	300.2
W		6.1	299.6

		305.74			
	3+37 = S.L. El Cajon Ave				
W			5.3	300.4	
crb			4.9	300.8	
1/4			4.5	301.2	
M			4.6	301.1	
1/4			4.0	301.7	
crb			3.9	301.8	
E			3.1	302.6	
T.P.	12.99	318.59	0.14	305.60	hub N.W. Cor Alabama & El Cajon
	N.L. El Cajon				
E			10.7	307.9	
crb			11.1	307.5	
1/4			11.8	306.8	
M			12.6	306.0	
1/4			14.2	304.4	
crb			13.1	305.5	
W			13.0	305.6	

		318.59		11/9/08	Dunkle Shane Thomas
		0+25 N			
W			14.4	304.2	
crb			13.3	305.3	
1/4			12.9	305.7	
M			12.3	306.3	
1/4			11.4	307.2	
crb			11.1	307.5	
E			10.0	308.6	
		0+50			
E			10.6	308.0	
crb			10.9	307.7	
1/4			10.8	307.8	
M			11.3	307.3	
1/4			13.2	305.4	
crb			13.2	305.4	
W			12.9	305.7	

0475

318.59

W	13.0	305.6
Crk	11.8	306.8
"/4	11.5	307.1
M	11.8	306.8
"/4	10.0	308.6
Crk	10.2	308.4
E	9.0	309.6

1+0

E	9.8	308.8
Crk	9.7	308.9
"/4	9.7	308.9
M	10.7	307.9
"/4	10.8	307.8
Crk	11.8	306.8
W	12.4	306.2

318.59

1+25

W	12.4	306.2
Crk	11.3	307.3
"/4	10.6	308.0
M	10.3	308.3
"/4	10.4	308.2
Crk	8.6	310.0
E	7.9	310.7

1+50

E	7.6	311.0
Crk	8.1	310.5
"/4	9.8	308.8
M	10.8	307.8
"/4	10.4	308.2
Crk	11.5	307.1
W	11.1	307.5

POSTED

318.59

1+75

W	10.9	307.7
Crb	9.3	309.3
1/4	9.6	309.0
M	9.0	309.6
1/4	8.6	310.0
Crb	8.8	309.8
E	7.7	310.9

2+00

E	5.7	312.9
Crb	7.1	311.5
1/4	8.2	310.4
M	8.7	309.9
1/4	9.7	308.9
Crb	10.4	308.2
W	10.8	307.8

318.59

2+25

W	9.6	309.0
Crb	8.3	310.3
1/4	7.7	310.9
M	9.0	309.6
1/4	7.4	311.2
Crb	7.3	311.3
E	5.4	313.2

2+50

E	5.6	313.0
Crb	5.4	313.2
1/4	5.1	313.5
M	7.3	311.3
1/4	8.6	310.0
Crb	8.7	309.9
W	9.5	309.1

318.59

2+75

W	9.3	309.3
Crb	8.3	310.3
1/4	8.2	310.4
M	7.3	311.3
1/4	7.0	311.6
Crb	6.3	312.3
E	4.6	314.0

3+00

E	5.1	313.5
Crb	4.8	313.8
1/4	4.9	313.7
M	6.2	312.4
1/4	7.7	310.9
Crb	8.4	310.2
W	8.9	309.7

318.59

3+25

W	8.7	309.9
Crb	8.2	310.4
1/4	7.8	310.8
M	6.4	312.2
1/4	5.3	313.3
Crb	5.0	313.6
E	3.3	315.3

3+50

E	4.0	314.6
Crb	4.7	313.9
1/4	6.2	312.4
M	6.1	312.5
1/4	6.6	312.0
Crb	7.8	310.8
W	8.3	310.3

318.59

3+75

W	7.9	310.7
crb	7.5	311.1
¼	6.8	311.8
M	6.0	312.6
¼	5.4	313.2
crb	4.6	314.0
E	3.1	315.5

4+0

E	2.9	315.7
crb	4.2	314.4
¼	5.0	313.6
M	5.0	313.6
¼	6.0	312.6
crb	7.4	311.2
W	7.6	311.0

318.59

4+25

W	6.7	312.4
crb	6.1	312.5
¼	6.4	312.2
M	4.9	313.7
¼	4.8	313.8
crb	3.1	315.5
E	1.2	317.4

4+50

E	1.6	317.0
crb	3.3	315.3
¼	3.8	314.8
M	4.4	314.2
¼	5.3	313.3
crb	5.9	312.7
W	5.9	312.7

318.69

4+75

W		5.1	313.5
Crk		5.1	313.5
1/4		5.0	313.6
M		3.6	315.0
1/4		3.1	315.5
Crk		2.5	316.1
E		1.4	317.2

5+00

E		1.1	317.5
Crk		0.6	318.0
1/4		1.4	317.2
M		3.8	314.8
1/4		5.1	313.5
Crk		5.6	313.0
W		5.9	212.7

5+25

W		5.2	313.4
Crk		3.4	315.2
1/4		4.2	3144
M		3.9	314.7
1/4		3.1	315.5
Crk		1.6	317.0
E		0.6	318.0
T.P.	9.96	327.18	1.37 317.27

5+50

E		9.1	318.1
Crk		9.8	317.4
1/4		9.9	317.3
M		10.5	316.7
1/4		12.2	315.0
Crk		12.7	314.5
W		13.5	313.7

327.18

5+75

W	13.3	313.9
crk	12.1	315.1
1/4	10.9	316.3
M	11.3	315.9
1/4	10.3	316.9
crk	8.2	319.0
E	7.3	319.9

6+0 = S. Li. Meade

E	7.0	320.2
crk	9.1	318.1
1/4	9.8	317.4
M	11.2	316.0
1/4	11.8	315.4
crk	12.1	315.1
W	12.6	314.6

327.18

5 Curb

W	11.5	315.7
crk	11.3	315.9
1/4	11.5	315.7
M	10.6	316.6
1/4	9.3	317.9
crk	8.5	318.7
E	6.6	3206

6 1/4

E	7.2	320.0
crk	8.8	319.4
1/4	9.7	317.5
M	9.9	317.3
1/4	10.2	317.0
crk	11.4	315.8
W	11.5	315.7

327.18

Center Meade

W	11.7	315.5
Crb	11.2	316.0
"/g	9.3	317.9
M	9.2	318.0
"/g	9.3	317.9
Crb	8.1	319.1
E	7.1	320.1

N "/g

E	6.7	320.5
Crb	7.4	319.8
"/g	8.6	318.6
M	9.4	317.8
"/g	10.1	319.1
Crb	11.0	316.2
W	12.1	315.1

327.18

N Curb

W	11.8	315.4
Crb	10.1	317.1
"/g	10.0	317.2
M	9.3	317.9
"/g	8.3	318.9
Crb	7.8	319.4
E	6.6	320.6

N.L. Meade

E	5.8	321.4
Crb	7.7	319.5
"/g	8.0	319.2
M	9.0	318.2
"/g	10.0	317.2
Crb	10.2	317.0
W	11.1	316.1

POSTED

327.18

0+25 N

W	10.8	316.4
Crk	10.6	316.6
"A	10.2	317.0
M	9.6	317.6
"A	7.3	319.9
Crk	6.2	321.0
E	5.4	321.8

0+50

E	5.3	321.9
Crk	7.3	319.9
"A	8.0	319.2
M	7.6	319.6
"A	8.7	318.5
Crk	10.3	316.9
W	10.5	316.7

327.15

0+75

W	10.3	316.9
Crk	9.9	317.3
"A	9.3	317.9
M	8.8	318.4
"A	8.1	319.1
Crk	6.9	320.3
E	5.4	321.8

1+0

E	5.5	321.7
Crk	6.8	320.4
"A	7.5	319.7
M	8.3	318.9
"A	8.5	318.7
Crk	8.8	318.4
W	8.4	318.8

	327.18		
	1+25		
W	9.7	317.5	
crb	9.4	317.8	
"q	8.5	318.7	
M	8.0	319.2	
"q	7.3	319.9	
crb	7.0	320.2	
E	5.5	321.7	
	1+50		
E	5.3	321.9	
crb	5.7	321.5	
"q	6.3	320.9	
M	8.2	319.0	
"q	8.8	318.4	
crb	9.5	317.7	
W	10.3	316.9	

	327.18		
	1+75		
W	9.8	317.4	
crb	9.8	317.4	
"q	8.9	318.3	
M	9.0	318.2	
"q	8.0	319.2	
crb	6.6	320.6	
E	5.4	321.8	
	2+0		
E	5.5	321.7	
crb	7.3	319.9	
"q	8.5	318.7	
M	7.7	319.5	
"q	9.2	318.0	
crb	9.2	318.0	
W	9.7	317.5	

327.18

2+25

W	10.0	317.2
crb	9.4	317.8
1/4	9.0	318.2
M	8.7	318.5
1/4	7.7	319.5
crb	5.7	321.5
E	5.2	322.0

2+50

E	6.0	321.2
crb	7.6	319.6
1/4	8.1	319.1
M	7.6	319.6
1/4	7.4	319.8
crb	8.8	318.4
W	9.8	317.4

327.18

2+75

W	9.1	318.1
crb	8.8	318.4
1/4	8.0	319.2
M	7.4	319.8
1/4	6.8	320.4
crb	6.2	321.0
E	5.6	321.6

3+0

E	5.1	322.1
crb	6.6	320.6
1/4	6.6	320.6
M	7.5	319.7
1/4	8.3	318.9
crb	8.3	318.9
W	9.1	318.1

	3 27.15		
	3+25		
W		8.4	318.8
Crb		7.8	319.4
1/4		7.4	319.8
M		7.2	320.0
1/4		5.3	321.9
Crb		3.9	323.3
E		4.5	322.7
	3+50		
E		4.3	322.9
Crb		5.0	322.2
1/4		6.3	320.9
M		6.5	320.7
1/4		6.6	3206
Crb		7.2	320.0
W		8.7	318.5

	327.18		
	3+75		
W		8.5	318.7
Crb		6.9	320.3
1/4		5.6	321.6
M		5.3	321.9
1/4		6.0	321.2
Crb		4.3	322.9
E		4.0	323.2
	4+0		
E		3.7	323.5
Crb		5.1	321.1
1/4		5.5	321.7
M		6.0	321.2
1/4		6.5	320.7
Crb		6.6	320.6
W		6.7	320.5

POSTED

327.18

4+25

N	6.9	320.3
Crb	6.4	320.8
"/4	5.2	322.0
M	4.8	322.4
"/4	5.0	322.2
Crb	4.3	322.9
E	3.5	323.7

4+50

E	3.3	323.9
Crb	3.7	323.5
"/4	4.2	323.0
M	4.5	322.4
"/4	5.2	322.0
Crb	6.3	320.9
W	6.7	320.5

327.18

4+75

W	6.5	320.7
Crb	5.6	321.6
"/4	5.4	321.8
M	4.9	322.3
"/4	4.6	322.6
Crb	4.0	323.2
E	3.5	323.7

5+0

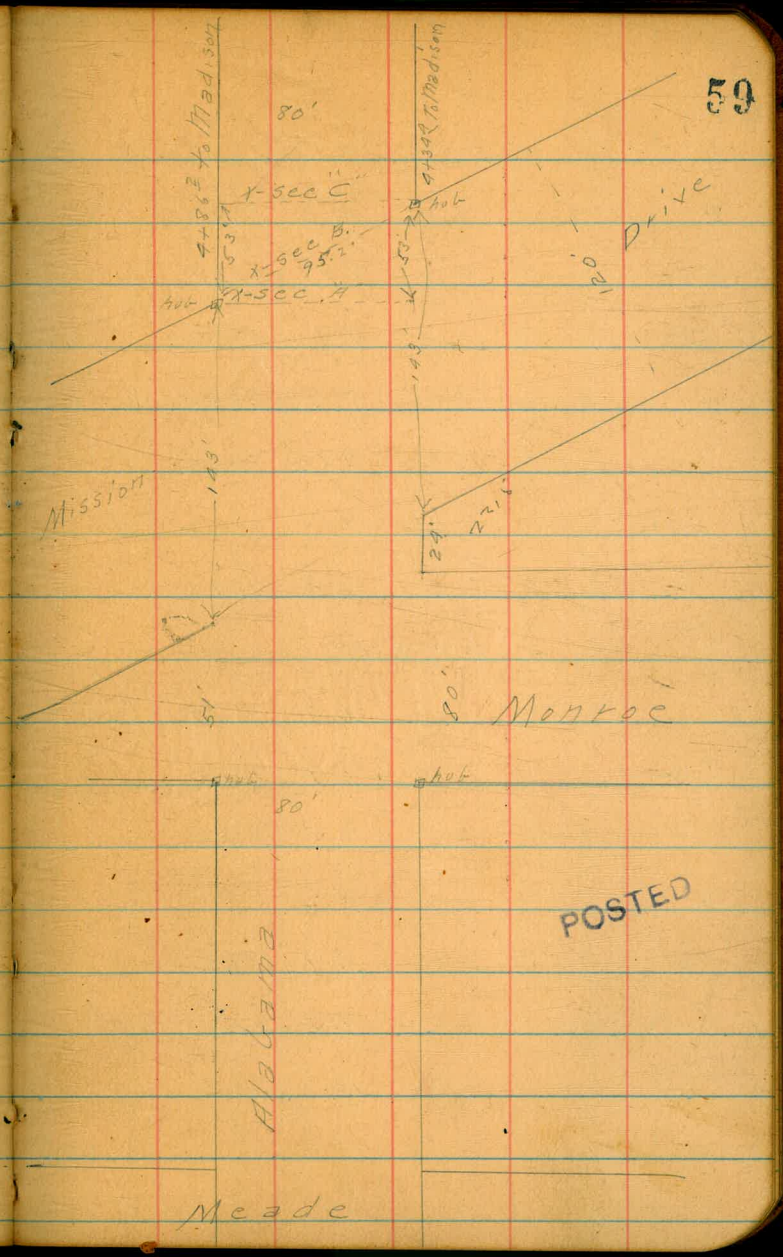
E	3.6	323.6
Crb	4.2	323.0
"/4	4.7	322.5
M	4.8	322.4
"/4	5.4	321.8
Crb	6.2	321.0
W	6.1	321.1

		327.18		
		5+25		
W			6.1	321.1
Crk			5.9	321.3
"			4.4	322.8
M			3.6	323.6
"			3.8	323.4
Crk			3.0	324.2
E			1.4	325.8
		5+50		
E			1.2	326.0
Crk			2.5	324.7
"			3.3	323.9
M			3.7	323.5
"			4.7	322.5
Crk			6.0	321.2
W			6.8	320.4

		5+75		
W			6.0	321.2
Crk			4.5	322.7
"			4.1	323.1
M			4.1	323.1
"			3.0	324.2
Crk			1.6	325.6
E			0.8	326.4
T.P.	8.64	333.26	2.56	329.62
	6+0 = S.L. Montoe			
E			6.6	326.7
Crk			7.6	325.7
"			8.6	324.7
M			9.2	324.1
"			9.7	323.6
Crk			10.2	323.1
W			11.3	322.0

Note - X-sections taken every 20' going N from S.L. Monroe to Sec "A" see plot, P.59

	333.26		
	S.L. + 20		
W		11.6	321.7
Crb		10.5	322.8
1/4		9.6	323.7
M		8.8	324.5
1/4		8.2	325.1
Crb		7.7	325.6
E.		6.5	326.8
	0+40		
E		6.1	327.2
Crb		7.2	326.1
1/4		7.7	325.6
M		8.5	324.8
1/4		9.2	324.1
Crb		10.0	323.3
W		10.6	322.7



POSTED

	333.26		
	0+60		
W		10.3	323.0
Crk		9.5	323.8
"A		9.0	324.3
M		8.3	325.0
"A		7.8	325.5
Crk		7.1	326.2
E		6.3	327.0
	0+80		
E		6.4	326.9
Crk		6.9	326.4
"A		7.5	325.8
M		8.2	325.1
"A		8.9	324.4
Crk		9.5	323.8
W		10.0	323.3

	1+0		
W		9.5	323.8
Crk		8.9	324.4
"A		8.3	325.0
M		7.9	325.4
"A		7.3	326.0
Crk		6.8	326.5
E		6.3	327.0
	1+20		
E		6.3	327.0
Crk		6.7	326.6
"A		7.2	326.1
M		7.6	325.7
"A		8.0	325.3
Crk		8.6	324.7
W		9.1	324.2

	333.26	
E	1+40	
W	9.4	323.9
crb	8.0	325.3
½	7.5	325.8
M	7.3	326.0
½	7.6	325.7
crb	6.7	326.6
E	6.3	327.0
	1+60	
E	6.7	326.6
crb	6.1	327.2
½	6.5	326.8
M	7.3	326.0
½	8.0	325.3
crb	8.2	325.1
W	8.7	324.6

	333.26	
	1+80	
W	8.0	325.3
crb	8.3	325.0
½	8.1	325.2
M	7.5	325.8
½	6.9	326.4
crb	6.9	326.4
E	6.1	327.2
1+94 = X-sec A see plot P 59		
E	6.3	327.0
crb	7.0	326.3
½	7.0	326.3
M	7.3	326.0
½	8.2	325.1
crb	8.4	324.9
W	8.4	324.9

333.26

N.E. Mission Drive = X-sec "B"

W	8.4	324.9
Crk	8.5	324.8
"4	7.0	326.3
M	7.4	325.9
"4	5.7	327.6
Crk	6.9	326.4
E	6.7	326.6

X-sec "C" sec plat P 59

E	6.7	326.6
Crk	7.2	326.1
"4	7.5	325.8
M	7.7	325.6
"4	8.0	325.3
Crk	8.3	325.0
W	8.4	324.9

333.26

X-sec "C" +25

W	7.7	325.6
Crk	6.3	327.0
"4	7.8	325.5
M	7.8	325.5
"4	7.0	326.3
Crk	6.7	326.6
E	6.7	326.6

0+50

E	6.6	326.7
Crk	5.1	328.2
"4	5.7	327.6
M	7.1	326.2
"4	7.7	325.6
Crk	8.1	325.2
W	8.0	325.3

POSTED

333.26

0+75

W	7.7	325.6
Crk	7.8	325.5
1/4	7.0	326.3
M	7.0	326.3
1/4	6.8	326.5
Crk	6.5	326.8
E	6.5	326.8

1+00

E	5.9	327.4
Crk	5.9	327.4
1/4	5.4	327.9
M	6.4	326.9
1/4	7.2	326.1
Crk	7.6	325.7
W	7.6	325.7

333.26

1+25

W	7.1	326.2
Crk	7.1	326.2
1/4	7.4	325.9
M	7.1	326.3
1/4	6.4	326.9
Crk	5.6	327.7
E	5.2	328.1

1+50

E	5.2	328.1
Crk	5.4	327.9
1/4	5.9	327.4
M	6.9	326.4
1/4	7.1	326.2
Crk	7.3	326.0
W	6.5	326.8

333.26

1+75

W	6.0	327.3
Crb	6.8	326.5
1/4	6.7	326.6
M	6.7	326.6
1/4	6.1	327.2
Crb	6.0	327.3
E	5.4	327.9

2+00

E	5.1	328.2
Crb	5.4	327.9
1/4	5.4	327.9
M	6.3	327.0
1/4	6.4	326.9
Crb	6.9	326.4
W	7.3	326.0

333.26

2+25

W	6.6	326.7
Crb	6.0	327.3
1/4	5.0	328.3
M	5.8	327.5
1/4	5.9	327.4
Crb	5.4	327.9
E	3.6	328.7

2+50

E	4.6	328.7
Crb	5.4	327.9
1/4	5.7	327.6
M	5.8	327.5
1/4	6.0	327.3
Crb	6.6	326.7
W	6.9	326.4

POSTED

333.26

2+75

W	5.4	327.9
Crk	5.8	327.5
"4	5.7	327.6
M	5.8	327.5
"4	5.1	328.2
Crk	3.7	329.6
E	4.3	329.0

3+00

E	4.4	328.9
Crk	4.8	328.5
"4	4.7	328.6
M	5.7	327.6
"4	5.6	327.7
Crk	4.5	328.8
W	5.9	327.4

333.26

3+25

W	5.3	328.0
Crk	5.6	327.7
"4	4.1	329.2
M	3.6	329.7
"4	4.6	328.7
Crk	4.6	328.7
E	2.8	330.5

3+50

E	3.4	329.9
Crk	4.3	329.0
"4	4.7	328.6
M	4.8	328.5
"4	3.4	329.9
Crk	3.1	330.2
W	5.3	328.0

		333.26		
		3+75		
W			5.0	328.3
Crk			4.2	329.1
1/4			4.3	329.0
N			4.5	328.8
1/4			4.1	329.2
Crk			3.3	330.0
E			2.5	330.8
		4+0		
E.			3.1	330.2
Crk			2.8	330.5
1/4			4.0	329.3
N			4.1	329.2
1/4			2.9	330.9
Crk			2.9	330.9
W			4.7	328.6
T. P.	10.23	341.50	1.99	331.27

See p/o+ Page 59

341.50

4+34 from x-sec "C" = S.L. Madison 80' Mdle

W	10.9	330.6
Crk	12.0	329.5
1/4	11.9	329.6
N	11.8	329.7
1/4	10.9	330.6
Crk	11.1	330.4
E	10.7	330.8
5. Crk		
E	10.7	330.8
Crk	10.8	330.7
[illegible]	9.1	332.4
[illegible]	10.5	331.0
[illegible]	11.4	330.1
Crk	11.5	330.0
W	11.1	330.4

341.50

S 1/4

W	12.2	329.3
Crb	12.2	329.3
1/4	12.1	329.4
M	11.7	329.8
1/4	11.5	330.0
Crb	11.3	330.2
E.	11.0	330.5

Center

E	10.0	331.5
Crb	10.4	331.1
1/4	10.7	330.8
M	10.9	330.6
1/4	10.9	330.6
Crb	11.1	330.4
W	11.2	330.3

341.50

N 1/4

67

W	11.8	329.7
Crb	11.3	330.2
1/4	11.4	330.1
M	10.4	331.1
1/4	10.7	330.8
Crb	10.6	330.9
E.	10.5	331.0

N curb

E	9.4	332.1
Crb	9.7	331.8
1/4	10.6	330.9
M	10.2	331.3
1/4	11.0	330.5
Crb	10.8	330.7
W	9.4	332.1

POSTED

341.50

N.L. Madison

W	10.9	330.6
Crb	11.0	330.5
1/4	10.9	330.6
M	10.1	331.4
1/4	10.5	331.0
+1	10.4	331.1
+2	9.6	331.9
Crb	9.4	332.1
E	9.2	332.3
	0+25	
E	9.0	332.5
Crb	9.1	332.4
+11	9.6	331.9
+12	10.1	331.4
1/4	10.0	331.5
M	9.7	331.8
1/4	10.6	330.9
Crb	9.8	331.7
W	10.3	331.2

341.50

0+50

W	9.9	331.6
Crb	9.5	332.0
1/4	10.2	331.3
M	9.1	332.4
1/4	9.8	331.7
+1	9.7	331.8
+2	9.1	332.4
Crb	9.0	332.5
E	8.6	332.9
	0+75	
E	8.1	333.4
Crb	8.2	333.3
+11	8.6	332.9
+12	9.5	332.0
1/4	9.1	332.4
M	8.6	332.9
1/4	9.5	332.0
Crb	9.2	332.3
W	9.7	331.8

341.50		
1+00		
W	8.4	333.1
crb	8.7	332.8
¼	9.2	332.3
M	8.0	333.5
¼	8.6	332.9
+1	8.6	332.9
+2	8.2	333.3
crb	7.8	333.7
E	7.7	333.8
1+25		
E	7.3	334.2
crb	7.5	334.0
+11	7.8	333.7
+12	8.5	333.0
¼	8.2	333.3
M	7.7	333.8
¼	8.6	332.9
crb	8.5	333.0
W	8.8	332.7

341.50		
1+50		
W	8.5	333.0
crb	7.4	3341
¼	8.0	333.5
M	7.0	334.5
¼	7.7	333.8
+1	7.8	333.7
+2	7.3	334.2
crb	7.1	334.4
E	6.8	334.7
1+75		
E	6.3	335.2
crb	6.6	334.9
+11	6.8	334.7
+12	7.5	334.0
¼	7.3	334.2
M	6.5	335.0
¼	7.7	333.8
crb	7.7	333.8
W	6.0	335.5

	341.50		
	4+0		
W		7.0	334.5
Crk		6.9	334.6
"4		7.1	334.4
M		6.2	335.3
"4		6.9	334.6
+1		6.9	334.6
+2		6.1	335.4
Crk		6.1	335.4
E		5.9	335.6
	4+25		
E		5.3	336.2
Crk		5.7	335.8
+11		6.0	335.5
+12		6.5	335.0
"4		6.3	335.2
M		5.7	335.8
"4		6.8	334.7
Crk		6.0	335.5
W		6.6	334.9

	341.50		
	2+50		
W		5.1	336.4
Crk		5.7	335.8
"4		6.3	335.2
M		5.2	336.3
"4		5.8	335.7
+1		6.0	335.5
+2		5.5	336.0
Crk		5.0	336.5
E		4.8	336.7
	2+75		
E		4.4	337.1
Crk		4.4	337.1
+11		5.0	336.5
+12		5.4	336.1
"4		5.2	336.3
M		4.7	336.8
"4		5.8	335.7
Crk		4.8	336.7
W		4.5	337.0

POSTED

	341.50		
	3+0		
W		4.6	336.9
crb		4.8	336.7
"A		5.0	336.5
M		4.1	337.4
"A		4.4	337.1
+1		4.4	337.1
+2		4.1	337.4
crb		3.9	337.6
E		3.8	337.7
	3+25		
E		3.2	338.3
crb		3.2	338.3
+11		3.9	337.6
+12		4.3	337.2
"A		4.0	337.5
M		3.6	337.9
"A		4.5	337.0
crb		4.2	337.3
W		4.3	337.2

	341.50		
	3+50		
W		4.1	337.4
crb		4.1	337.4
"A		4.1	337.4
M		3.2	338.3
"A		3.5	338.0
+1		3.7	337.8
+2		2.8	338.7
crb		2.7	338.8
E		2.5	339.0
	3+75		
E		2.1	339.4
crb		2.2	339.3
+11		2.5	339.0
+12		3.0	338.5
"A		3.0	338.5
M		2.8	338.7
"A		3.2	338.3
crb		3.1	338.4
W		4.0	337.5

341.50

4+0

W	3.7	337.8
Crk	3.2	338.3
½	3.1	338.4
N	2.5	339.0
½	2.7	238.8
+1	2.5	339.0
for	2.1	339.4
Crk	2.0	239.5
E	1.9	339.6

4+25

E	1.6	339.9
Crk	1.9	339.6
½	2.5	339.0
N	2.5	339.0
½	2.9	238.6
Crk	3.7	337.8
W	3.4	335.1

341.50

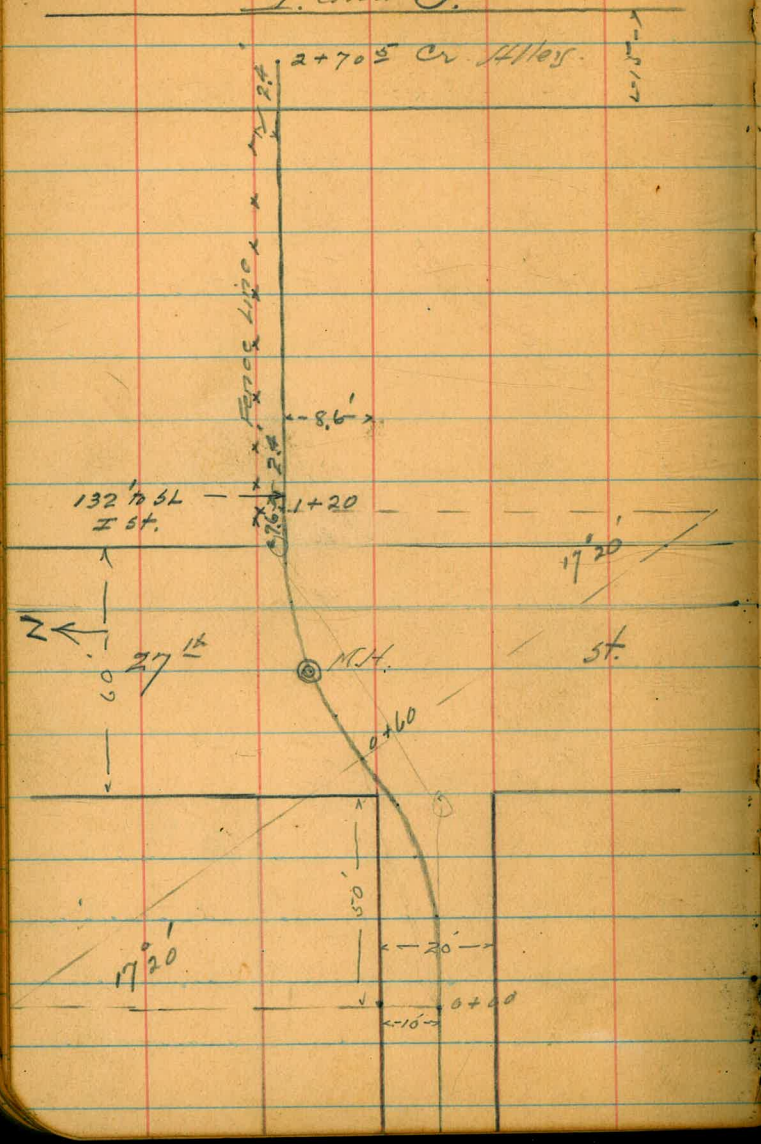
4+64 = 5.2, Adams.

W	2.7	338.8
Crk	2.9	338.6
½	3.0	338.5
N	2.4	339.1
½	2.5	339.0
Crk	1.9	339.6
E	1.7	339.8

POSTED

11 Hatch
10 Moore
08 Deziel

Change of sewer Line at 27th between I. and J.



Levels -

27th J Bm	970	158.96		149.26
0			2.2	
+20			2.4	
+40			2.4	
+60			2.0	
+80			2.5	
1+00			3.6	
+20			4.8	
+50			5.9	
+75			8.2	
2+00			10.9	
T.P.	1.12	147.36	12.72	146.24
+25			2.3	
+50			4.9	
+70.5 Cr 15' Alley			7.3	

POSTED

11 Hatch
20 Moore
88 Deziel

Profile of Proposed Sewer line on C, 17th, D, 16th, E, 15th from 19th to H.

Continued from B. 427 P 30

					Elev
T.P.	2.54	46.14		43.60	
Cr 15th & E		on fill	6.8		39.3
+20' S		" "	2.6		43.5
SL. E		" "	2.6		43.5
+50		" "	3.8		42.3
1		" "	5.1		41.0
+35		" "	4.2		41.9
+50		" "	4.4		41.7
+75		" "	5.8		40.3
2			11.4		34.7
+50			12.5		33.6
T.P.	4.44	38.17	12.41	33.73	
+75			6.6		31.6
3 = NL F St			5.5		32.7
Cr	"		5.1		33.1
SL.	"		5.8		32.4

					Elev.
		38.17			
+50			5.0		33.2
+90			2.6		35.6
1			3.7		34.5
+30			6.7		31.5
+35			4.2		34.0
+50			6.0		32.2
2			6.7		31.5
+50			6.9		31.3
+90			7.2		31.0
+90 Top of Bulkhead			3.5		34.7
T.P.	1.02	36.19	3.00	35.17	
NL G St			1.1		35.1
BM NE Cor.			0.565	35.525 / 35.56	35.6
Cr G St			1.6		34.6
+30			2.3		33.9
SL. G			3.6		32.6
+25			5.7		30.5

	36.19		Elev.
+60	6.1		30.1
1+10	6.7		29.5
+60	7.2		29.0
2+10	7.3		28.9
+60	7.0		29.2
3+10 = NL H	6.2		30.0
Centre H.	6.4		29.8
BM NW Cor.	6.18	30.01 29.95	30.0

Cross Section of Washout at SW Cor 29th & AST

4/15/26
Moore

	Sct Line of AST = Base Line		
top ct SW Cor	1.80		29th & A
			188.8
	2' E of W ct line of 29th		
BL +10		1.8	187.0
BL +11		8.3	180.5
+18		9.3	179.5
+31		9.5	179.3
+37		4.9	183.9
+39 = top ct		1.1	187.7
	3' W of ct line of 29th		
BL +11		7.8	187.0
+12		7.5	181.3
+14		8.5	180.3
+16		10.5	178.3
+30		10.0	178.8
+36		8.0	180.8
+39		1.0	187.8
	WL of 29th		
BL +4		1.8	187.0
BL +5		6.5	188.8 182.3
+10		8.0	180.8
+14 = SL AST		10.5	178.3
+34		10.7	178.1
+39		1.0	187.8
	5' W of WL 29th		
BL +5		1.8	187.0
+6		6.5	182.3
+14 = SL AST		10.5	178.3
+34		10.8	178.0
+37		3.2	185.6
	8' W of WL 29th ST		
BL +8		1.7	187.1
+9		6.9	181.9
+10		10.0	178.8
+33		11.5	177.3
+35		5.5	183.3

29th + A ST Washout

15' W of WL 29th

		188.8
BL +10	1.6	187.2
+11	7.8	181.0
+14 = SL A ST	9.0	179.8
+22	11.2	177.6
+34	11.3	177.5
+37	8.2	180.6
17' W of WL 29th ST		
BL +13	1.6	187.2
+14 = SL A ST	8.8	180.0
+25	11.4	177.4
+36	12.3	176.5
+39	11.0	177.8
24' W of WL 29th ST		
BL +14 = SL A ST	1.4	187.4
+15	6.8	182.0
+22	7.5	181.3
+26	11.8	177.0
+38	12.5	176.3

77

		188.8
+41	12.0	176.8
26' W of WL 29th ST		
BL 14 = SL A ST	1.4	187.4
+16	3.7	185.1
+19	5.0	183.8
+21	10.5	178.3
+31	12.5	176.3
+40	13.0	175.8

Note :- Catch Basin and pipe culvert in place O.K.

25' sidewalk to be replaced

Sidewalk of return is overhanging approx. 10'. May be possible to pack fill under without disturbing same.

341.50
1.51
339.99

80
19
143
247 E.S.

341.50
1.04
340.46

143
51
194 W.S.

53

4+34 1/2

486
143
51
680

434
80
24
143
681

Degrees

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

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.		