400

LEVEL

F.B.365

Cooker Quality

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.

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	135½
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

TABLE FOR RUNNING ON SLOPES.

MICROFILMED
1964

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

Crocker Quality

LEVEL BOOK

No. 400

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

x-section Ohio from El Cajon to Adams
" 80' wide 20' walks 5' 1/4's

6/6/10 Dunkle
Shaw
1
Evans

B.M. R.R. SPK. S.W. Ohio & El Cajon				365.57
B.M.	7.18	372.75		
N.L. El Cajon				
W			7.4	365.3
crb			7.4	365.3
1/4			7.9	364.8
M			7.3	365.4
1/4			7.9	364.8
crb			7.2	365.5
E			6.1	366.6
0+25' N				
E			6.9	365.8
crb			7.7	365.0
1/4			7.5	365.2
M			6.9	365.8
1/4			7.6	365.1
crb			7.5	365.2
W			7.6	365.5

372.75

0+50

W	7.3	365.1
Crk	6.6	366.1
1/4	7.0	365.7
M	6.8	365.9
1/4	7.6	365.1
Crk	7.8	364.9
E	6.6	366.1

0+75

E	7.5	365.2
Crk	7.7	365.0
1/4	6.9	365.8
M	6.7	366.5
1/4	7.1	365.6
Crk	7.0	365.7
W	7.0	365.7

1+0

W	7.4	365.3
Crk	6.7	366.0
1/4	6.7	366.0
M	6.0	366.7
1/4	7.1	365.6
Crk	7.2	365.5
E	4.9	367.8

1+75

E	4.3	368.4
Crk	6.9	365.8
1/4	6.7	365.0
M	5.9	366.8
1/4	6.0	366.7
Crk	5.8	366.9
W	6.9	365.8

372.75

1+50

W	6.6	366.1
Crk	6.0	366.9
1/4	6.2	366.5
M	5.6	367.1
1/4	5.6	367.1
Crk	6.9	365.8
E	5.8	366.9

1+75

E	5.4	367.3
Crk	5.9	366.8
1/4	5.8	366.9
M	5.5	367.2
1/4	5.9	366.8
Crk	6.0	366.7
W	5.6	367.1

2+0

W	6.1	366.6
Crk	5.7	367.0
1/4	5.8	366.9
M	5.0	367.7
1/4	5.0	367.7
Crk	4.9	367.8
E	5.5	366.9

2+25

E	5.5	367.2
Crk	5.0	367.7
1/4	5.1	367.6
M	4.7	368.0
1/4	5.5	367.2
Crk	5.3	367.4
W	5.5	367.2

372.75

2+50

W	5.1	367.6
Crk	5.1	367.6
"4	5.1	367.6
M	4.5	368.2
"4	5.0	367.7
Crk	5.3	367.4
E	2.2	370.5

2+75

E	4.5	368.2
Crk	5.3	367.4
"4	4.9	367.8
M	4.0	368.7
"4	4.1	368.6
Crk	4.1	368.6
W	4.9	367.8

3+0

W	5.3	367.4
Crk	4.7	368.0
"4	4.6	368.1
M	3.9	368.8
"4	4.0	368.7
Crk	3.9	368.8
E	3.9	368.8

3+25

E	2.0	370.7
Crk	4.2	368.5
"4	3.9	368.8
M	3.6	369.1
"4	4.2	368.5
Crk	3.8	368.9
W	4.7	368.0

372.75

3+50

W	4.5	368.2
Crk	3.9	368.8
⅛	3.9	368.8
M	3.1	369.6
⅛	3.3	369.4
Crk	2.9	369.8
E	3.7	369.0

3+75

E	3.1	369.6
Crk	3.4	369.3
⅛	3.3	369.4
M	2.8	369.9
⅛	3.8	368.9
Crk	3.5	369.3
W	4.1	368.7

372.75

4+0

W	3.6	369.2
Crk	3.1	369.7
⅛	3.3	369.5
M	2.7	370.1
⅛	3.3	369.5
Crk	3.6	369.2
E	3.1	369.7

4+25

E	2.1	370.7
Crk	2.6	370.2
⅛	2.6	370.2
M	2.4	370.4
⅛	3.3	369.5
Crk	3.2	369.6
W	3.6	369.2

T.B. 11.37 381.47 3.65 370.10

381.47

4+50

W	11.4	370.1
Crk	11.6	369.9
1/4	11.8	369.7
M	10.8	370.7
1/4	11.0	370.5
Crk	11.0	370.5
E	11.3	370.2

4+75

E	9.8	371.7
Crk	8.1	373.4
1/4	10.0	371.5
M	10.5	371.0
1/4	11.5	370.0
Crk	11.1	370.4
W	11.3	370.2

381.47

5+0

W	11.0	370.5
Crk	10.4	371.1
1/4	10.7	370.8
M	10.1	371.4
1/4	10.8	370.7
Crk	10.7	370.8
E	10.6	370.9

5+25

E	9.7	371.8
Crk	9.6	371.9
1/4	10.1	371.4
M	9.7	371.8
1/4	10.2	371.3
Crk	9.9	371.6
W	10.8	370.7

381.47

5+50

W	10.5	371.0
Crb	10.1	371.4
½	10.1	371.4
M	9.4	372.1
½	9.3	372.2
Crb	8.9	372.6
E	8.1	373.4

5+75

E	9.7	372.3
Crb	7.8	373.7
¼	8.5	373.0
M	8.8	372.7
½	9.8	371.7
Crb	10.0	371.5
W	10.7	370.8

381.47

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

W	9.6	371.9
Crb	8.8	372.7
½	8.6	372.9
M	8.4	373.1
½	9.1	372.4
Crb	9.1	372.4
E	6.7	374.8

S. CURB

E	5.4	376.1
Crb	9.0	372.5
½	9.2	372.3
M	8.2	373.3
½	8.7	372.8
Crb	8.5	373.0
W	9.9	371.6

381.47 S ℄

W	9.6	371.9
Curb	8.9	372.6
℄	8.7	372.8
M	8.4	373.1
℄	9.2	372.3
Curb	9.0	372.5
E	5.9	375.6

Center

E	7.9	373.6
Curb	7.5	374.0
℄	7.6	373.9
M	7.7	373.8
℄	7.9	373.6
Curb	8.0	373.5
W	8.4	373.1

381.47 N ℄

W	8.3	373.2
Curb	7.9	373.6
℄	7.7	373.8
M	7.9	373.6
℄	7.2	374.3
Curb	7.3	374.2
E	8.0	373.5

N Curb

E	8.0	373.5
Curb	7.0	374.5
℄	7.2	374.3
M	7.6	373.9
℄	7.7	373.8
Curb	7.7	373.8
W	8.1	373.4

38147 N.L. Meade

W	7.7	373.8
crk	7.4	374.1
"A	7.3	374.2
M	7.3	374.2
"A	7.2	374.3
crk	7.5	374.0
E	7.5	374.0

0+25 N

E	5.5	376.0
crk	7.1	374.4
"A	7.1	374.4
M	6.8	374.7
"A	6.8	374.7
crk	6.9	374.6
W	7.1	374.4

38147 0+50

W	6.5	375.0
crk	6.3	375.2
"A	6.2	375.3
M	6.2	375.3
"A	5.4	376.1
crk	5.9	375.6
E	5.5	376.0

0+75

E	5.7	375.8
crk	5.7	375.8
"A	5.8	375.7
M	5.8	375.7
"A	5.8	375.7
crk	5.9	375.6
W	6.1	375.4

38147

1+00

W	5.9	375.6
Crk	5.5	376.0
1/4	5.4	376.1
M	5.5	376.0
1/4	4.3	377.2
Crk	4.2	377.3
E	3.6	377.9

1+25

E	4.0	377.5
Crk	4.9	376.6
1/4	4.9	376.6
M	4.9	376.6
1/4	5.1	376.4
Crk	5.1	376.4
W	5.6	376.0

38147 1+50

W	5.2	376.3
Crk	4.8	376.7
1/4	4.8	376.7
M	4.7	376.8
1/4	3.5	378.0
Crk	3.2	378.3
E	3.9	377.6

1+75

E	3.5	378.0
Crk	2.0	379.5
1/4	2.5	379.0
M	4.5	377.0
1/4	4.5	377.0
Crk	4.6	376.9
W	4.8	376.7

		381.47		
		2+00		
W			4.6	376.9
Crk			3.9	377.6
¼			4.0	377.5
M			4.2	377.3
¼			3.4	378.1
Crk			3.0	378.5
E			3.5	378.0
		2+25		
E			3.2	378.3
Crk			2.6	378.9
¼			2.3	379.2
M			2.9	378.6
¼			3.7	377.8
Crk			4.0	377.5
W			3.7	377.8
T.P	9.97	389.90	1.54	379.93

		389.90	2+50	
W			12.2	377.7
Crk			11.9	378.0
¼			11.1	378.8
M			10.5	379.4
¼			10.8	379.1
Crk			11.3	378.6
E			10.0	379.9
		2+75		
E			8.8	381.1
Crk			10.7	379.2
¼			11.0	378.9
M			10.6	379.3
¼			11.6	378.3
Crk			11.8	378.1
W			11.9	378.0

389.90

3+0

W	10.3	379.6
Crk	10.9	379.0
"9	10.9	379.0
M	10.8	379.1
"9	9.3	380.6
Crk	9.3	380.6
E	9.5	380.4

3+25

E	9.2	380.7
Crk	9.5	380.4
"9	9.4	380.5
M	10.2	379.7
"9	10.2	379.7
Crk	10.1	379.8
W	9.7	380.2

389.9

3+50

W	8.6	381.3
Crk	9.5	380.4
"9	9.4	380.5
M	9.3	380.6
"9	9.1	380.8
Crk	8.5	381.4
E	7.6	382.3

3+75

E	8.5	381.4
Crk	8.7	381.2
"9	8.7	381.2
M	8.5	381.4
"9	8.6	381.3
Crk	8.8	381.1
W	8.3	381.6

	389,9	4+0		
W			8.0	381,9
crb			8.6	381.3
1/4			8.7	381.2
M			8.3	381.6
1/4			8.3	381.6
crb			8.4	381.5
E			6.4	383,5
		4+25		
E			7.4	382.5
crb			7.9	382.0
1/4			7.9	382.0
M			7.9	382.0
1/4			8.3	381.6
crb			8.1	381.8
W			8.3	381.6

	389,9	4+50		
W			7.8	382,1
crb			8.3	381.6
1/4			8.2	381.7
M			6.6	383.3
1/4			6.9	383.0
crb			7.3	382.6
E			7.5	382.4
		4+75		
E			6.9	383.0
crb			5.3	384.6
1/4			5.1	384.8
M			7.2	382.7
1/4			7.6	382.3
crb			7.8	382.1
W			7.4	382,5

384.9 5+00		
W	7.3	382.6
Crk	7.0	382.9
⅓	7.8	382.1
M	7.4	382.5
⅓	7.2	382.7
Crk	7.3	382.6
E	5.0	384.9
5+25		
E	7.0	382.9
Crk	6.8	383.1
⅓	6.7	383.2
M	7.3	382.6
⅓	7.4	382.5
Crk	7.3	382.6
W	7.6	382.3

384.9 5+50		
W	7.7	382.2
Crk	6.3	383.6
⅓	6.6	383.3
M	7.1	382.8
⅓	4.7	385.2
Crk	4.9	385.0
E	6.5	383.4
5+75		
E	5.1	384.8
Crk	6.6	383.3
⅓	5.7	384.2
M	4.6	385.3
⅓	6.7	383.2
Crk	7.3	382.6
W	7.4	382.5

384.9

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

W	6.1	383.8
Crb	7.0	382.9
℄	6.3	383.6
M	5.8	384.1
℄	6.3	383.6
Crb	6.0	383.9
E	4.5	385.1

S. Curb

E	5.9	384.6
Crb	6.2	383.9
℄	6.3	383.8
M	6.6	383.3
℄	6.7	383.2
Crb	6.5	383.4
W	6.9	383.0

384.9 S ℄

W	6.9	383.0
Crb	5.8	384.1
℄	6.9	383.5
M	5.9	384.0
℄	5.7	384.2
Crb	6.2	383.7
E	6.1	383.8

Center

E	5.7	384.2
Crb	5.5	384.4
℄	5.4	384.5
M	5.5	384.4
℄	5.6	384.3
Crb	5.6	384.3
W	5.7	384.2

389.80 N ¼

W	6.3	383.6
Crk	5.9	384.0
½	5.8	384.1
N	6.2	383.7
¼	4.2	385.7
Crk	4.3	385.6
E	4.3	385.6

N Curb

E	5.0	384.9
Crk	3.7	386.2
½	3.7	386.2
N	5.8	384.1
¼	6.0	383.9
Crk	5.8	384.1
W	6.2	383.7

389.9 N.L. Manhole

W	6.0	383.9
Crk	4.8	385.1
¼	5.4	384.5
N	5.7	384.2
¼	4.1	385.8
Crk	4.1	385.8
E	5.0	385.9

0+25 N

E	4.4	385.5
Crk	5.1	384.8
¼	4.3	385.6
M	4.3	385.6
¼	5.7	384.2
Crk	5.8	384.1
W	5.4	384.5

		389.90		
		0+50		
W		5.5	384.4	
Cole		5.6	384.3	
1/4		5.4	384.5	
M		3.4	386.5	
1/4		3.6	386.3	
Cole		4.5	385.4	
E		4.7	385.2	
		0+75		
E		4.7	385.2	
Cole		4.9	385.0	
1/4		4.9	385.0	
M		4.9	385.0	
1/4		5.0	384.9	
Cole		5.0	384.9	
W		3.8	386.1	
T.P.	7.29	3.92.27	4.92	384.98

		392.27	1+0	
W		7.6	384.7	
Cole		7.2	385.1	
1/4		7.5	384.8	
M		6.3	386.0	
1/4		7.1	385.2	
Cole		7.3	385.0	
E		7.2	385.1	
		1+75		
E		6.8	385.5	
Cole		6.4	385.9	
1/4		6.6	385.7	
M		6.4	385.9	
1/4		6.3	386.0	
Cole		6.8	385.5	
W		7.2	385.1	

39227 1750

W	7.0	385.3
Crk	6.8	385.5
¼	6.3	386.0
M	5.6	386.7
¼	6.0	386.3
Crk	5.9	386.4
E	6.5	385.8

1795

E	6.4	385.9
Crk	6.6	385.7
¼	6.6	385.7
M	6.7	385.6
¼	6.4	385.9
Crk	5.5	386.8
W	6.1	386.2

39227 2+0

W	6.9	385.4
Crk	6.6	385.7
¼	6.5	385.8
M	6.5	385.8
¼	6.5	385.8
Crk	6.5	385.8
E	6.6	385.7

2+25

E	6.3	386.0
Crk	6.3	386.0
¼	6.3	386.0
M	6.0	386.3
¼	6.4	385.9
Crk	6.5	385.8
W	6.7	385.6

392.27 2+50

W	6.9	385.4
Crb	5.7	386.6
11/4	6.0	386.3
M	6.3	386.0
11/4	6.3	386.0
Crb	6.1	386.2
E	6.2	386.1

2+75

E	5.9	386.4
Crb	5.6	386.8
11/4	6.1	386.2
M	6.5	386.8
11/4	6.4	385.9
Crb	6.3	386.0
W	6.7	385.6

392.27 3+0

W	6.3	386.0
Crb	6.4	385.9
11/4	6.4	385.9
M	6.4	385.9
11/4	6.2	386.1
Crb	6.1	386.2
E	6.0	386.3

3+25

E	5.6	386.7
Crb	5.8	386.5
11/4	5.8	386.5
M	5.1	387.2
11/4	5.0	387.3
Crb	5.9	386.4
W	6.5	385.9

39227 3+50			
W		5.5	386.8
Crk		5.6	386.7
1/4		5.6	386.7
M		5.8	386.5
1/4		5.8	386.5
Crk		5.7	386.6
E		4.6	387.7
	3+75		
E		5.5	386.8
Crk		5.8	386.5
1/4		5.7	386.6
M		5.9	386.4
1/4		5.7	386.7
Crk		5.7	386.8
W		5.8	386.7

39227 4+0			
W		4.9	387.4
Crk		4.8	387.5
1/4		5.4	386.9
M		5.5	386.8
1/4		5.5	386.8
Crk		5.4	386.9
E		5.1	387.2
	4+25		
E		4.8	387.5
Crk		2.3	389.0
1/4		3.5	388.8
M		5.3	387.0
1/4		5.3	387.0
Crk		5.3	387.0
W		5.3	387.0

	392.27	4+50	
W	5.2	387.1	
Crk	3.8	388.5	
"4	3.4	388.9	
M	4.5	387.8	
"4	5.0	387.3	
Crk	4.8	387.5	
E	4.4	387.9	
	4+75		
E	4.2	388.1	
Crk	4.5	387.8	
"4	4.6	387.7	
M	4.6	387.7	
"4	4.0	388.3	
Crk	4.3	388.0	
W	4.8	387.5	

	392.27	5+0	
W	4.2	388.1	
Crk	4.0	388.3	
"4	4.0	388.3	
M	4.4	387.9	
"4	4.4	387.9	
Crk	4.3	388.0	
E	4.3	388.0	
	5+25		
E	4.1	388.2	
Crk	4.2	388.1	
"4	4.1	388.2	
M	4.1	388.2	
"4	3.2	389.1	
Crk	3.0	389.3	
W	4.0	388.3	

39227 5+50

W	4.0	388.3
curb	4.1	388.2
¼	4.0	388.3
M	4.0	388.3
¼	4.1	388.2
curb	4.0	388.3
E	3.9	388.4

5+75

E	3.5	388.8
curb	4.0	388.3
¼	3.9	388.4
M	3.9	388.4
¼	3.9	388.4
curb	4.1	388.2
W	3.4	388.9

39227

6+0 = 3.4, Madison 80 wide

W	3.9	388.4
curb	3.9	388.4
¼	3.8	388.5
M	3.3	389.0
¼	2.7	389.6
curb	3.0	389.3
E	3.9	388.4

S curb

E	3.8	388.6
curb	3.7	388.6
¼	3.5	388.8
M	3.8	388.5
¼	3.6	388.7
curb	3.8	388.5
W	3.7	388.6

39227 S ¼

W	3.6	388.7
Crk	3.8	388.5
¼	3.7	388.6
M	3.7	388.6
¼	3.7	388.6
Crk	3.6	388.7
E	3.7	388.6

Center

E	3.4	388.9
Crk	3.5	388.8
¼	3.5	388.8
M	3.5	388.8
¼	3.4	388.9
Crk	3.2	388.1
W	3.4	388.9

39227 N ¼

W	3.6	388.7
Crk	3.5	388.8
¼	2.7	389.6
M	2.4	389.9
¼	3.5	388.8
Crk	3.4	388.9
E	3.5	388.8

N. Crk

E	3.7	388.6
Crk	3.4	388.9
¼	3.6	388.7
M	1.9	390.4
¼	2.4	389.9
Crk	3.5	388.8
W	3.8	388.5

		392.27		
		N.L. Madison		
W			3.2	389.1
Crk			3.7	388.6
1/4			3.6	388.7
M			3.0	389.3
1/4			2.7	389.6
Crk			2.6	389.7
E			3.6	388.7
T.P.	5.43	394.13	3.57	388.70
		0+25 N		
E			5.2	388.9
Crk			5.4	388.7
1/4			5.2	388.9
M			5.5	388.6
1/4			5.5	388.6
Crk			5.7	388.4
W			5.4	388.7

		391.13		
		0+50		
W			5.3	388.8
Crk			5.4	388.7
1/4			5.3	388.8
M			5.4	388.7
1/4			5.3	388.8
Crk			5.3	388.8
E			5.3	388.8
		0+75		
E			5.3	388.8
Crk			5.2	388.9
1/4			5.3	388.8
M			5.2	388.9
1/4			5.1	389.0
Crk			5.1	389.0
W			4.0	390.1

394.13

1+00

W.	5.0	389.1
Crk	3.6	390.5
″/4	3.5	390.6
M	4.9	389.2
″/4	4.6	389.5
Crk	4.2	389.9
E	5.2	388.9

1+25

E	4.6	389.5
Crk	5.3	388.8
″/4	4.9	389.2
M	4.9	389.2
″/4	5.1	389.0
Crk	5.0	389.1
W	4.9	389.2

394.13 1+50

W	4.9	389.2
Crk	4.5	389.6
″/4	3.7	390.4
M	3.9	390.2
″/4	4.4	389.7
Crk	3.8	390.3
E	3.8	390.3

1+75

E	4.4	389.7
Crk	3.8	390.3
″/4	4.3	389.8
M	4.7	389.4
″/4	4.9	389.2
Crk	4.7	389.4
W	5.2	388.9

39413 2+00

W		3.5	390.6
Crk		4.7	389.4
½		4.6	389.5
M		4.9	389.2
½		4.2	389.9
Crk		3.8	390.3
E		4.5	389.6
	2+25		
E		4.4	389.7
Crk		4.5	389.6
½		4.5	389.6
M		4.5	389.6
½		4.5	389.6
Crk		4.3	389.8
W		4.6	389.5

39413 2+50

W		4.6	389.5
Crk		4.3	389.8
½		4.5	389.6
M		4.5	389.6
½		4.4	389.7
Crk		4.4	389.7
E		4.4	389.7
	2+75		
E		4.4	389.7
Crk		2.9	391.2
½		3.0	391.1
M		4.5	389.6
½		4.4	389.7
Crk		4.3	389.8
W		3.6	390.5

		394.13		
		3+00		
W			3.8	390.3
Crk			4.2	389.9
1/4			4.1	390.0
M			4.2	389.9
1/4			4.3	389.8
Crk			4.2	389.9
E			4.1	390.0
		3+25		
E			4.1	390.0
Crk			4.2	389.9
1/4			4.1	390.0
M			3.3	390.8
1/4			4.1	390.0
Crk			4.3	389.8
W			3.2	390.9
T.P.	5.24	395.46	3.91	390.22

		395.46		
		3+50		
W			5.2	390.3
Crk			5.5	390.0
1/4			5.5	390.0
M			5.4	390.1
1/4			5.3	390.2
Crk			5.3	390.2
E			5.1	390.4
		3+75		
E			5.2	390.3
Crk			5.1	390.4
1/4			5.2	390.3
M			5.3	390.2
1/4			5.3	390.2
Crk			5.2	390.3
W			5.5	390.0

39546

4+0

W	4.5	391.0
Crk	5.2	390.3
¼	5.3	390.2
M	5.3	390.2
¼	4.0	391.7
Crk	4.0	391.5
E	5.0	390.5

4+25

E	4.7	390.8
Crk	4.9	390.6
¼	5.0	390.5
M	5.1	390.4
¼	5.0	390.5
Crk	5.1	390.4
W	4.6	390.9

39546 4+50

W	5.2	390.3
Crk	5.1	390.4
¼	5.0	390.5
M	5.0	390.5
¼	5.0	390.5
Crk	4.9	390.6
E	4.9	390.6

4+75

E	4.6	390.9
Crk	4.7	390.8
¼	4.7	390.8
M	4.6	390.9
¼	4.9	390.6
Crk	4.8	390.7
W	5.1	390.4

	395.46	5+00	
W	4.8	390.7	
Crk	4.9	390.6	
1/4	4.8	390.7	
M	4.7	390.8	
1/4	4.8	390.7	
Crk	4.8	390.7	
E	4.8	390.7	
		5+25	
E	4.9	390.6	
Crk	4.8	390.7	
1/4	4.6	390.9	
M	5.0	390.5	
1/4	4.7	390.8	
Crk	4.9	390.6	
W	4.9	390.6	

	395.46	5+50	
W	4.7	391.3	
Crk	4.7	390.8	
1/4	4.7	390.8	
M	4.6	390.9	
1/4	4.8	390.7	
Crk	4.8	390.7	
E	4.7	390.8	
		5+75	
E	4.4	391.1	
Crk	4.4	391.1	
1/4	4.3	391.2	
M	4.5	391.0	
1/4	4.3	391.2	
Crk	4.5	391.0	
W	4.5	391.0	

395.46

6+00 = 5.1. Adams Ave

N	5.0	390.5
Curb	5.3	390.2
"/4	5.1	390.4
"/4	4.8	390.7
"/4	5.0	390.5
Curb	5.2	390.3
E	4.8	390.7

1-section Idaho st El Cajon to Copley 6/7/10 Dunkle
" 80' wide 20 walks 5 1/4's Shane
B.M. Mon N.W. El Cajon & Idaho 375.69 Evans

B.M.	4.83	380.52			
		N.L. El Cajon			
W			4.9	375.6	
Crb			5.1	375.4	
1/4			5.6	374.9	
M			5.0	375.5	
1/4			5.5	375.0	
Crb			5.4	375.1	
E			4.7	375.8	
		0+25 N			
E			4.8	375.7	
Crb			5.2	375.3	
1/4			5.5	375.0	
M			4.8	375.7	
1/4			5.0	375.5	
Crb			5.0	375.5	
W			4.3	376.2	

		0+50			
W			5.1	375.4	
Crb			5.0	375.5	
1/4			5.5	375.0	
M			4.7	375.8	
1/4			5.4	375.1	
Crb			5.0	375.5	
E			4.8	375.7	
		0+75			
E			5.0	375.5	
Crb			4.7	375.8	
1/4			5.1	375.4	
M			4.6	375.9	
1/4			5.2	375.3	
Crb			5.1	375.4	
W			4.4	376.1	

	380.52 1+00		
W		4.8	375.7
Crk		4.7	375.8
1/4		5.2	375.3
M		4.6	375.9
1/4		5.1	375.4
Crk		5.0	375.5
E		4.9	375.6
	1+75		
E		4.8	375.7
Crk		5.0	375.5
1/4		5.2	375.3
M		4.6	375.9
1/4		5.0	375.5
Crk		5.1	375.4
W		5.0	375.5

	380.52 1+50		
W		4.0	376.3
Crk		4.6	375.9
1/4		5.6	374.9
M		4.6	375.9
1/4		5.2	375.3
Crk		4.8	375.7
E		4.8	375.7
	1+75		
E		5.1	375.4
Crk		4.9	375.6
1/4		5.2	375.3
M		4.6	375.9
1/4		5.0	375.5
Crk		5.2	375.3
W		4.6	375.9

	380.52		
	2+70		
W		4.9	375.6
Crk		5.3	375.2
1/4		5.5	375.0
M		4.4	376.1
1/4		5.2	375.3
Crk		5.2	375.3
E		4.5	376.0
	2+75		
E		5.0	375.5
Crk		4.9	375.6
1/4		5.1	375.4
M		4.3	376.2
1/4		5.0	375.5
Crk		5.3	375.2
W		5.0	375.5

	380.52		
	2+50		
W		5.0	375.5
Crk		4.0	376.5
1/4		5.3	375.2
M		4.4	376.1
1/4		5.4	375.1
Crk		5.4	375.1
E		4.9	375.6
	2+75		
E		5.1	375.4
Crk		5.2	375.3
1/4		5.4	375.1
M		4.5	376.0
1/4		4.6	375.1
Crk		4.1	376.4
W		3.6	376.9

3805.2		
370		
W	4.4	376.1
Crk	5.2	375.3
1/4	5.8	374.7
M	4.7	375.8
1/4	5.3	375.2
Crk	4.5	376.0
E	5.2	376.3
3775		
E	4.7	375.8
Crk	5.1	375.4
1/4	5.3	375.3
M	4.5	376.0
1/4	4.3	376.2
Crk	3.7	376.8
W	4.7	375.8

3805.2		
3750		
W	5.1	375.4
Crk	5.0	375.5
1/4	5.7	374.8
M	4.5	376.0
1/4	5.0	375.5
Crk	5.0	375.5
E	5.0	375.5
3775		
E	5.4	375.1
Crk	5.0	375.5
1/4	5.1	375.4
M	4.6	376.0
1/4	4.6	375.9
Crk	4.1	376.3
W	3.2	377.3

		380.52		
		4+00		
W			5.1	375.4
Cole			5.4	375.1
1/4			5.7	374.8
M			4.6	375.9
1/4			4.5	376.0
Cole			4.3	376.2
E			5.0	375.5
T.P.	5.20	380.76	4.96	375.56
		4+25		
E			5.6	375.2
Cole			5.6	375.2
1/4			5.6	375.2
M			4.6	376.2
1/4			4.7	376.1
Cole			5.1	375.7
W			5.4	375.4

		380.36		
		4+50		
W			5.1	375.2
Cole			5.4	375.4
1/4			5.9	374.9
M			4.7	376.1
1/4			5.7	375.1
Cole			5.6	375.2
E			5.1	375.7
		4+75		
E			5.7	375.1
Cole			5.1	375.7
1/4			5.2	375.6
M			4.8	376.0
1/4			4.9	375.9
Cole			4.4	376.4
W			4.0	376.8

380.76

5+00

W	4.3	376.5
Crk	4.8	376.0
1/4	6.0	374.8
M	4.8	376.0
1/4	5.7	375.1
Crk	5.3	375.5
E	5.4	375.4

5+25

E	5.2	375.6
Crk	5.0	375.8
1/4	5.4	375.4
M	5.1	375.7
1/4	5.0	375.8
Crk	4.8	376.0
W	5.4	375.4

380.76

5+50

W	4.9	375.9
Crk	5.4	375.4
1/4	6.0	374.8
M	5.3	375.5
1/4	5.9	374.9
Crk	5.6	375.2
E	5.4	375.4

5+75

E	5.5	375.3
Crk	5.0	375.8
1/4	5.3	375.5
M	5.0	375.8
1/4	5.3	375.5
Crk	5.3	375.5
W	4.5	376.5

38026

6+0 = S.L. Meade St 80'

W	5.1	375.7
Crb	3.2	377.6
1/4	5.0	375.8
M	4.9	375.9
1/4	5.5	375.3
Crb	5.1	375.7
E	5.0	375.8

S. curb

E	4.8	376.0
Crb	4.9	376.4
1/4	5.1	375.7
M	4.9	375.9
1/4	4.9	375.8
Crb	4.9	375.9
W	5.4	375.4

38026

5 1/4

W	5.1	375.7
Crb	5.3	375.5
1/4	5.8	375.0
M	4.9	375.9
1/4	5.0	375.8
Crb	4.6	376.2
E	5.3	375.5

Center

E	4.8	376.0
Crb	4.7	376.1
1/4	4.6	376.2
M	4.5	376.3
1/4	5.3	375.5
Crb	4.9	375.9
W	4.7	376.1

N ¼ 38076

W	3.7	377.1
Cor	5.4	375.4
¼	5.8	375.0
M	4.5	376.3
¼	5.1	375.7
Cor	4.7	376.1
E	5.0	375.8

N Cor

E	5.0	375.8
Cor	4.9	375.9
¼	5.1	375.7
M	4.5	376.3
¼	5.2	375.6
Cor	5.4	375.4
W	4.1	376.7

380.76

N.L. Meade

W	4.9	375.9
Cor	5.2	375.6
¼	5.4	375.4
M	4.5	376.3
¼	5.2	375.6
Cor	4.8	376.0
E	4.8	376.0

0+25 N

E	4.9	375.9
Cor	4.9	375.9
¼	5.0	375.8
M	4.3	376.5
¼	4.7	376.1
Cor	5.0	375.8
W	5.1	375.7

38076

0+50

W	3.4	377.4
Crk	5.3	375.5
1/4	5.5	376.3
M	4.3	376.5
1/4	5.2	375.6
Crk	4.9	375.9
E	5.0	375.8

0+75

E	4.9	375.9
Crk	4.6	376.2
1/4	4.7	376.1
M	4.2	376.6
1/4	5.0	375.8
Crk	4.7	376.1
W	3.6	377.2

38026 1+00

W	4.3	376.5
Crk	5.1	375.7
1/4	5.6	375.2
M	4.1	376.7
1/4	4.9	375.9
Crk	4.7	376.1
E	4.9	375.9

1+25

E	4.8	376.0
Crk	4.7	376.1
1/4	4.6	376.2
M	4.0	376.8
1/4	4.8	376.0
Crk	5.1	375.7
W	4.0	376.8

		380.76		
		1+50		
W			4.5	376.3
Crb			4.8	376.0
1/4			5.3	375.5
M			4.1	376.7
1/4			4.7	376.1
Crb			4.6	376.2
E			4.9	375.9
		1+75		
E			4.9	375.9
Crb			4.7	376.1
1/4			4.8	376.0
M			4.2	376.6
1/4			3.1	377.7
Crb			2.9	377.9
W			4.5	376.3

		380.76		
		2+0		
W			4.1	376.7
Crb			5.0	375.8
1/4			5.2	375.6
M			4.2	376.6
1/4			4.7	376.1
Crb			4.6	376.2
E			4.8	376.0
T.P	5.51	381.79	4.48	376.28
		2+25		
E			6.0	375.8
Crb			5.5	376.3
1/4			5.4	376.4
M			5.0	376.8
1/4			5.5	376.3
Crb			5.0	376.8
W			5.3	376.5

381.79

2+50

W	5.8	326.5
Crbn	5.7	326.1
½	6.3	325.5
M	5.1	326.7
½	5.6	326.2
Crbn	5.6	326.2
E	6.0	325.8

2+75

E	6.3	325.5
Crbn	5.9	325.9
½	5.7	326.1
M	5.1	326.7
½	5.7	326.1
Crbn	5.9	325.9
W	5.5	326.3

381.79

3+00

W	4.6	327.2
Crbn	5.9	325.8
½	6.5	325.3
M	5.3	326.5
½	5.6	326.2
Crbn	5.9	325.9
E	6.4	325.4

3+25

E	6.6	325.2
Crbn	5.8	326.0
½	5.6	326.2
M	5.2	326.6
½	6.0	325.8
Crbn	5.6	326.2
W	3.9	327.9

	3879 3+50		
W		5.0	376.8
Crk		6.0	376.8
1/4		6.2	376.6
M		5.2	376.6
1/4		5.5	376.3
Crk		5.6	376.2
E		6.6	375.2
	3+75		
E		6.6	375.2
Crk		5.8	376.6
1/4		5.7	376.1
M		5.3	376.5
1/4		4.6	377.2
Crk		4.7	377.1
W		5.1	376.7

	3879 4+0		
W		5.3	376.5
Crk		5.5	376.3
1/4		6.2	376.6
M		5.2	376.6
1/4		5.6	376.2
Crk		5.8	376.0
E		6.4	375.4
	4+25		
E		6.7	375.1
Crk		5.8	376.0
1/4		5.6	376.2
M		5.1	376.7
1/4		5.1	376.7
Crk		5.2	376.6
W		3.6	378.2

3817.4 4+50

W	4.5	377.3
Crb	5.3	376.5
H/A	5.9	375.8
M	5.2	376.6
H/A	5.6	376.2
Crb	5.9	375.9
E	6.5	376.3

4+75

E	6.6	375.2
Crb	5.8	376.0
H/A	5.5	376.3
M	5.2	376.6
H/A	5.0	376.8
Crb	4.8	377.0
W	5.0	376.8

3817.7 5+10

W	3.9	377.9
Crb	3.8	378.0
H/A	5.8	376.0
M	5.2	376.6
H/A	5.4	376.4
Crb	5.7	376.1
E	6.6	375.2

5+25

E	6.6	375.2
Crb	5.5	376.3
H/A	5.3	376.5
M	5.0	376.8
H/A	4.9	376.9
Crb	5.3	376.5
W	3.2	378.6

381.79 5+50

W	4.2	377.6
Crb	3.7	378.1
1/4	5.5	376.3
M	5.0	376.8
1/4	5.4	376.4
Crb	5.7	376.1
E	6.6	375.2

5+75

E	6.7	375.1
Crb	5.8	376.0
1/4	5.5	376.3
M	5.0	376.8
1/4	5.3	376.5
Crb	5.3	376.5
W	4.1	377.7

381.79
640=5.4 Monroe 5+80'

W	3.3	378.0
Crb	3.2	378.6
1/4	5.2	376.6
M	5.1	376.7
1/4	5.5	376.3
Crb	5.7	376.1
E	5.6	376.2

5. Curb

E	6.6	375.2
Crb	5.9	375.9
1/4	5.6	376.2
M	5.1	376.7
1/4	4.4	377.4
Crb	4.4	377.4
W	3.8	378.0

381.79 S ¼

W	3.1	378.7
Crk	5.0	376.8
¼	5.6	376.2
N	5.1	376.7
¼	5.5	376.3
Crk	5.8	376.0
E	6.8	375.0

Center

E	6.5	375.3
Crk	5.7	376.1
¼	5.5	376.3
N	5.3	376.5
¼	5.5	376.3
Crk	5.6	376.2
W	3.3	378.5

379.9 N ¼

W	5.0	376.5
Crk	3.6	378.2
¼	5.6	376.2
N	5.0	376.8
¼	5.7	376.1
Crk	6.5	375.3
E	6.6	375.2

N. Curb

E	6.4	375.4
Crk	6.1	375.7
¼	5.7	376.1
N	5.0	376.8
¼	5.4	376.4
Crk	3.2	378.6
W	4.6	377.2

381.79

N. of Monroe

W			4.7	377.1
Crk			4.9	376.9
11/4			5.8	376.0
M			5.0	376.8
11/4			6.0	375.8
Crk			6.7	375.1
E			6.4	375.4
T.P.	4.93	381.05	5.67	376.12
		0+25 N		
E			6.8	374.3
Crk			4.0	377.1
11/4			4.8	376.3
M			4.2	376.9
11/4			4.9	376.2
Crk			4.6	376.5
W			1.9	379.2

381.05 0+50

W	3.8	377.2	
Crk	4.9	376.1	
11/4	5.1	375.9	
M	4.3	376.7	
11/4	5.0	376.0	
Crk	4.4	376.6	
E	7.3	373.7	
	0+75		
E	6.1	374.9	
Crk	5.6	375.4	
11/4	5.7	375.8	
M	4.4	376.6	
11/4	3.6	377.4	
Crk	3.4	377.6	
W	2.3	378.7	

381.05

1+00

W	2.8	378.2
Crb	4.1	376.9
¼	5.1	375.9
M	4.6	376.4
¼	5.2	375.8
Crb	5.5	375.5
E	5.8	375.2

1+25

E	6.4	374.6
Crb	5.4	375.6
¼	5.5	375.5
M	4.8	376.2
¼	4.7	376.3
Crb	4.4	376.6
W	4.4	376.6

381.05 1+50

W	2.9	378.1
Crb	3.3	377.7
¼	5.3	375.7
M	4.7	376.3
¼	5.6	375.4
Crb	5.6	375.4
E	6.6	374.4

1+75

E	5.7	375.3
Crb	4.3	376.7
¼	5.2	375.8
M	4.7	376.3
¼	5.1	375.9
Crb	5.1	375.9
W	4.3	376.7

3810S	2+00		
W	2.7	378.3	
Crk	4.7	376.3	
1/4	5.4	375.6	
M	4.9	376.1	
1/4	5.5	375.5	
Crk	6.3	374.7	
E	7.5	373.5	
	2+25		
E	6.9	374.1	
Crk	4.9	376.1	
1/4	5.1	375.9	
M	4.7	376.3	
1/4	5.3	375.7	
Crk	4.6	376.4	
W	2.6	378.4	

3810S	2+50		
W	2.9	378.1	
Crk	5.0	376.0	
1/4	5.5	375.5	
M	4.5	376.5	
1/4	5.0	376.0	
Crk	5.9	375.1	
E	7.6	373.4	
	2+75		
E	6.7	374.3	
Crk	6.0	375.0	
1/4	5.5	375.5	
M	4.5	376.5	
1/4	5.2	375.8	
Crk	4.1	376.9	
W	5.1	375.9	

3+00

W	5.0	376.0
Crk	4.1	376.9
"4	5.1	375.9
M	4.7	376.3
"4	5.5	375.5
Crk	6.5	374.5
E	6.1	374.9

3+25

E	6.5	374.5
Crk	5.8	375.2
"4	5.5	375.5
M	4.8	376.2
"4	5.5	375.5
Crk	4.6	376.4
W	3.0	378.0

3+50

W	4.5	376.5
Crk	5.5	375.5
"4	5.5	375.5
M	4.5	376.5
"4	5.3	375.7
Crk	5.9	375.1
E	6.8	374.2

3+75

E	4.9	376.1
Crk	5.5	375.5
"4	5.4	375.6
M	4.5	376.5
"4	5.4	375.6
Crk	4.5	376.5
W	4.5	376.5

38105 4+00

W	2.8	378.2
Crb	4.6	376.4
1/4	5.3	375.7
M	4.4	376.6
1/4	5.4	375.6
Crb	5.9	375.1
E	6.0	375.0

4+25

E	5.9	375.1
Crb	5.7	375.3
1/4	5.3	375.7
M	4.3	376.7
1/4	5.2	375.8
Crb	3.5	377.5
W	4.7	376.3

38105 4+50

W	4.4	376.6
Crb	4.8	376.2
1/4	5.1	375.9
M	4.3	376.7
1/4	5.2	375.8
Crb	4.7	376.3
E	5.6	375.4

4+75

E	4.9	376.1
Crb	5.3	375.7
1/4	5.1	375.9
M	4.2	376.8
1/4	5.4	375.9
Crb	4.1	376.9
W	3.6	377.4

	381.05		
	5+0		
W		3.9	377.1
crb		3.6	377.4
1/4		4.9	376.1
M		4.1	376.9
1/4		4.8	376.2
crb		4.9	376
E		4.6	376.4
	5+25		
E		4.5	376.7
crb		4.6	376.4
1/4		4.8	376.2
M		4.0	377.0
1/4		4.8	376.2
crb		4.3	376.7
W		3.4	377.6

		5+50		
W			2.5	378.5
crb			3.5	377.5
1/4			4.7	376.3
M			3.7	377.3
1/4			4.7	376.3
crb			4.8	376.2
E			2.6	378.4
	6.53	383.65	3.93	377.12
		5+75		
E			5.5	378.2
crb			6.0	377.7
1/4			6.7	377.03
M			6.2	377.5
1/4			7.1	376.5
crb			7.0	376.7
W			6.4	377.2

383.65

640 = S.L. Madison Ave 80'

W	5.7	378.0
Crbe	5.8	377.9
¼	6.8	376.9
M	6.0	377.7
¼	6.7	377.0
Crbe	6.3	377.4
E	6.3	377.4

S curbe

E	6.5	377.2
Crbe	6.3	377.4
¼	6.6	377.1
M	6.0	377.7
¼	6.7	377.0
Crbe	6.4	377.3
W	4.8	378.9

383.65 S ¼

W	5.4	378.3
Crbe	6.4	377.3
¼	6.6	377.1
M	5.9	377.8
¼	6.5	377.2
Crbe	6.3	377.4
E	6.3	377.4

Center

E	5.8	377.9
Crbe	5.8	377.9
¼	5.7	378.0
M	5.7	378.0
¼	5.7	378.0
Crbe	5.7	378.0
W	5.5	378.2

3836 N 1/4

W	4.6	379.1
Crk	6.0	377.7
1/4	6.1	377.6
M	5.4	378.3
1/4	6.0	377.7
Crk	5.7	378.0
E	6.0	377.7

N Crk

E	5.8	377.9
Crk	5.7	378.0
1/4	6.0	377.7
M	5.4	378.3
1/4	6.0	377.7
Crk	5.6	378.1
W	4.5	379.2

3886 N. L. Madison

W	4.9	378.8
Crk	5.6	378.1
1/4	5.9	377.8
M	5.3	378.4
1/4	5.8	377.9
Crk	5.5	378.2
E	5.6	378.1

0+25 N.

E	5.1	378.6
Crk	5.3	378.4
1/4	5.6	378.1
M	5.1	378.6
1/4	5.8	377.9
Crk	4.6	379.1
W	5.7	378.0

	383.6s	0+50		
W			3.5	380.2
Crb			4.3	379.4
1/4			5.6	378.1
M			4.5	378.9
1/4			5.5	378.2
Crb			5.3	378.4
E			5.2	378.5
		0+75		
E			5.0	378.7
Crb			5.0	378.7
1/4			5.1	378.6
M			4.6	379.1
1/4			5.0	378.7
Crb			5.3	378.4
W			5.2	378.5

	383.6s	1+0		
W			3.6	380.1
Crb			4.5	379.2
1/4			5.2	378.5
M			4.4	379.3
1/4			4.9	378.8
Crb			4.9	378.8
E			4.3	379.4
		1+25		
E			4.0	379.7
Crb			4.8	378.9
1/4			4.8	378.9
M			4.1	379.6
1/4			4.7	379.0
Crb			4.6	379.1
W			3.3	380.4

	383.63	1+50		
W			4.3	379.4
Crb			4.5	379.2
1/4			4.6	379.1
M			3.8	379.9
1/4			4.8	378.9
Crb			4.7	379.0
E			4.5	379.2
		1+75		
E			4.6	379.1
Crb			4.4	379.3
1/4			4.6	379.1
M			3.7	380.0
1/4			4.3	379.4
Crb			4.1	379.6
W			3.4	380.3

	383.65	2+0		
W			2.6	381.1
Crb			4.2	379.5
1/4			4.2	379.5
M			3.3	378.4
1/4			3.9	379.8
Crb			3.8	379.9
E			3.5	380.2
		2+25		
E			4.0	379.7
Crb			3.7	380.0
1/4			3.7	380.0
M			3.0	380.70
1/4			4.0	379.7
Crb			3.6	381.1
W			3.4	380.3

	383.65			
	2+50			
W		3.5	380.2	
Crb		3.2	380.5	
1/4		3.5	380.2	
M		2.6	381.1	
1/4		3.1	380.5	
Crb		3.4	380.3	
E		2.2	381.5	
	2+75			
E		3.6	380.1	
Crb		3.1	380.5	
1/4		3.3	380.4	
M		2.5	381.2	
1/4		3.2	380.5	
Crb		2.7	381.0	
W		2.5	381.2	

	383.65	3+0		
W			2.0	381.7
Crb			2.2	381.5
1/4			2.9	380.8
M			2.2	381.5
1/4			2.5	381.2
Crb			2.5	381.2
E			3.1	380.6
T.P	6.14	389.31	0.48	383.17
		3+25		
E			2.3	382.0
Crb			2.7	381.6
1/4			2.8	381.5
M			2.6	381.7
1/4			2.8	381.4
Crb			2.7	382.1
W			2.3	382.0

	389.31	
	3+50	
W	6.9	382.4
Crk	7.2	382.1
1/4	8.1	381.2
M	7.0	382.3
1/4	7.1	382.2
Crk	7.2	382.1
E	6.1	383.2
	3+75	
E	7.5	381.8
Crk	7.0	382.3
1/4	7.1	382.2
M	6.5	382.8
1/4	7.4	381.9
Crk	6.5	382.8
W	6.5	382.8

	4+0	
W	6.3	3830
Crk	6.4	3829
1/4	7.0	3823
M	6.2	3831
1/4	6.8	3825
Crk	6.8	3825
E	6.7	382.6
	4+25	
E	5.3	384.0
Crk	6.4	382.9
1/4	6.4	3829
M	6.0	3833
1/4	6.8	3825
Crk	6.2	383.1
W	6.1	383.2

3893 4+50

W	6.0	383.3
Crk	5.0	384.3
1/4	6.5	382.8
M	5.6	383.7
1/4	6.3	383.0
Crk	6.2	383.1
E	6.0	383.3

4+75

E	4.9	384.4
Crk	5.8	383.5
1/4	5.9	383.4
M	5.3	384.0
1/4	6.0	383.3
Crk	5.0	384.3
W	4.9	384.4

3893. 5+0

W	5.5	383.8
Crk	5.4	383.7
1/4	5.9	383.4
M	5.0	384.3
1/4	5.7	383.6
Crk	5.5	383.8
E	5.2	384.1

5+25

E	5.2	384.1
Crk	5.2	384.1
1/4	5.3	384.0
M	4.8	384.5
1/4	5.3	384.0
Crk	5.5	383.8
W	4.2	385.1

	389.31		
	5+15 O		
W		5.4	383.9
Crk		5.2	384.1
"		5.6	383.7
M		4.4	384.9
"		5.2	384.1
Crk		4.9	384.4
E		5.1	384.2
	5+75		
E		4.9	384.4
Crk		4.5	384.8
"		4.8	384.5
M		4.4	384.9
"		5.2	384.1
Crk		4.6	384.7
W		3.2	386.1

6/8/10

6+0 = S.L. Adams Graded.

W			4.7	385.1
Crk			5.0	384.3
"			4.8	384.5
M			4.3	385.0
"			4.8	384.5
Crk			5.1	384.2
E			4.7	385.1
T.P.	6.70	392.01	4.00	385.31
	N.L. Adams			
E			5.7	386.3
Crk			6.8	385.2
"			6.7	385.3
M			6.1	386.9
"			6.6	385.4
Crk			6.8	385.2
W			5.9	386.1

38201 0+75 N

W	6.4	385.6
Crb	6.1	385.9
"/"	6.3	385.7
M	5.6	386.4
"/"	6.5	385.5
Crb	6.5	385.5
E	6.2	385.8

0+50

E	5.9	386.1
Crb	6.0	386.0
"/"	6.1	385.9
M	5.3	386.7
"/"	5.9	386.1
Crb	5.5	386.5
W	5.5	386.5

0+75

W	4.2	387.8
Crb	5.3	386.7
"/"	5.5	386.5
M	5.2	386.8
"/"	6.0	386.0
Crb	6.0	386.0
E	5.7	386.3

1+0

E	5.5	386.5
Crb	5.9	386.1
"/"	5.7	386.3
M	5.0	386.0
"/"	4.9	386.1
Crb	4.6	382.4
W	5.3	386.7

1725

W	5.3	386.7
Calm	5.3	386.7
1/4	5.5	386.5
M	4.9	387.1
1/4	5.4	386.6
Calm	5.3	386.7
E	5.4	386.6

1750

E	5.2	386.8
Calm	5.5	386.5
1/4	5.5	386.5
M	4.7	387.3
1/4	5.4	386.6
Calm	5.4	386.6
W	4.8	387.2

1775

W	4.6	387.4
Calm	5.2	386.8
1/4	5.3	386.7
M	4.6	387.4
1/4	5.3	386.7
Calm	5.4	386.6
E	5.0	387.0

1800

E	4.9	387.1
Calm	5.2	386.8
1/4	5.2	386.8
M	4.5	387.5
1/4	5.3	386.7
Calm	5.3	386.7
W	3.9	388.1

2+75

W	4.5	387.5
Crk	5.0	387.0
"/4	5.2	386.8
M	4.4	387.6
"/4	4.9	387.1
Crk	4.9	387.1
E	4.7	387.3

2+50

E	4.4	387.6
Crk	4.5	387.5
"/4	4.5	387.5
M	4.1	387.9
"/4	4.8	387.2
Crk	4.6	387.4
W	4.3	387.7

2+75

W	4.5	387.5
Crk	3.8	388.2
"/4	4.1	387.9
M	4.0	388.0
"/4	3.6	388.4
Crk	3.0	388.0
E	3.8	388.2

3+0

E	3.9	388.1
Crk	3.9	388.1
"/4	4.1	387.9
M	3.6	388.4
"/4	3.7	388.3
Crk	3.6	388.4
W	3.6	388.4

392.01

3+25

W		3.8	388.2
Crk		3.9	388.1
1/4		4.1	387.9
M		3.4	388.6
1/4		3.7	388.3
Crk		3.7	388.3
E		3.3	388.7

3+50

E		3.6	388.4
Crk		2.6	389.4
1/4		3.3	388.7
M		3.3	388.7
1/4		3.7	388.3
Crk		3.5	388.5
W		3.7	388.3

3+75

W		3.4	388.6
Crk		2.7	389.3
1/4		3.4	388.6
M		3.1	388.9
1/4		3.5	388.5
Crk		3.4	388.6
E		3.4	388.6

4+0

E		3.3	388.7
Crk		2.4	389.6
1/4		3.1	388.9
M		3.0	389.0
1/4		3.6	388.4
Crk		3.5	388.5
W		3.7	388.3
T.P.	6.15	395.59	2.57	389.44

	395.59		
	4425		
W		6.2	389.4
Crk		6.8	388.8
1/4		7.0	388.6
M		6.5	389.1
1/4		6.5	389.1
Crk		6.3	389.3
E		6.8	388.8
	4450		
E		5.8	389.8
Crk		6.6	389.0
1/4		6.6	389.0
M		6.2	389.4
1/4		6.4	389.2
Crk		5.0	390.6
W		6.7	388.9

	4475		
W		6.8	388.8
Crk		6.7	388.9
1/4		6.7	388.9
M		6.1	389.5
1/4		6.7	388.9
Crk		6.5	389.1
E		6.5	389.1
	5+0		
E		6.4	389.2
Crk		5.4	390.2
1/4		6.0	389.6
M		5.9	389.7
1/4		6.8	388.8
Crk		6.9	388.7
W		6.5	389.1

	395.59		
	5+25		
W		5.3	390.3
Crk		5.7	389.9
¼		6.3	389.3
M		5.7	389.9
¼		6.1	389.5
Crk		6.2	389.4
E		5.8	389.8
	5+50		
E		4.4	391.2
Crk		5.5	390.1
¼		5.9	389.7
M		5.5	390.1
¼		5.9	389.7
Crk		5.6	390.0
W		6.5	389.1

	5+75		
W		6.2	389.4
Crk		5.7	389.9
¼		5.9	389.7
M		5.2	390.4
¼		4.8	390.8
Crk		4.6	391.0
E		4.0	391.6
	6+0 = S.L. Collier St 30' wide		
E		4.2	391.4
Crk		5.1	390.5
¼		5.2	390.4
M		4.7	390.9
¼		5.6	390.0
Crk		5.5	390.1
W		5.0	390.6

39559

S. curb

W			5.3	390.3
Crb			5.4	390.2
1/4			5.7	390.4
M			4.6	391.0
1/4			5.0	390.6
Crb			5.0	390.6
E			4.7	390.9

S 1/4

E			4.7	390.9
Crb			4.7	390.9
1/4			4.9	390.7
M			4.6	391.0
1/4			5.1	390.5
Crb			5.3	390.3
W			5.3	390.3

Center

W			4.5	391.1
Crb			4.3	391.3
1/4			4.3	391.3
M			4.1	391.5
1/4			3.7	391.9
Crb			3.7	391.9
E			3.6	392.0

N 1/4

E			3.0	392.6
Crb			3.4	392.2
1/4			3.6	392.0
M			3.9	391.7
1/4			4.0	391.6
Crb			3.9	391.7
W			4.1	391.5

3959
N Curve

W	3.9	391.7
Crb	3.8	391.8
1/4	3.9	391.7
M	3.6	392.0
1/4	3.6	392.0
Crb	2.9	392.7
E	3.4	392.2

N. L. Collier

E	3.0	392.6
Crb	2.0	393.6
1/4	3.4	392.2
M	3.2	392.4
1/4	3.4	392.0
Crb	3.4	392.2
W	3.8	391.8

0425 W

W	3.5	3921
Crb	3.2	3924
1/4	3.6	392.0
M	2.8	392.8
1/4	3.3	392.3
Crb	3.2	392.4
E	3.0	392.6

0450

E	1.7	393.9
Crb	2.6	393.0
1/4	3.1	392.5
M	2.7	392.9
1/4	3.3	392.3
Crb	3.0	392.6
W	3.2	392.4

		395.59		
		0+75		
W			2.7	392.9
Crk			2.9	392.7
½			3.3	392.3
M			2.4	393.2
½			3.0	392.6
Crk			2.7	392.9
E			2.7	392.9
		1+00		
E			2.5	393.1
Crk			2.7	392.9
½			3.0	392.6
M			2.1	393.5
½			2.4	393.2
Crk			1.8	393.8
W			2.4	393.2
T.P	3.60	398.03	1.16	394.43

		398.03		
		1+25		
W			4.8	393.2
Crk			4.4	393.6
½			5.2	392.8
M			4.5	393.5
½			5.1	392.9
Crk			4.7	393.3
E			3.7	394.3
		1+50		
E			4.5	393.5
Crk			4.7	393.3
½			5.0	393.0
M			4.3	393.7
½			4.9	393.1
Crk			4.8	393.2
W			4.9	393.1

	1+75		
	398.03		
W		4.8	393.2
Crk		3.8	394.2
¼		4.7	393.3
M		4.2	393.8
¼		4.8	393.2
Crk		4.7	393.3
E		4.5	393.5
	2+00		
E		4.2	393.8
Crk		4.5	393.5
¼		4.9	393.1
M		4.0	394.0
¼		4.6	393.4
Crk		4.6	393.4
W		4.7	393.3

	2+25		
W		4.6	393.4
Crk		4.4	393.6
¼		4.7	393.3
M		4.1	393.9
¼		4.6	393.4
Crk		4.5	393.5
E		4.4	393.6
	2+50		
E		4.5	393.5
Crk		4.5	393.5
¼		4.8	393.2
M		4.0	394.0
¼		4.4	393.6
Crk		4.5	393.5
W		4.5	393.5

2+75
39803

W	4.3	393.7
Crb	4.6	393.4
¼	4.6	393.4
M	4.2	393.8
¼	4.8	393.2
Crb	4.6	393.4
E	4.6	393.4

3+0 = S.L. Copley St.

E	4.5	393.5
Crb	5.2	392.8
¼	4.9	393.1
M	4.3	393.7
¼	5.0	393.0
Crb	5.4	392.6
W	4.6	393.4

X-section Hamilton St El Cajon to Collier — 6/9 — Dunkle
" 80' wide 20' walks 5' 1/95 — 11/0 — Shaw
B.M. S.E. R.R. SPK El Cajon & Hamilton — 371.11 — Evans

B.M. 4.71 375.32
N.L. El Cajon

W	6.7	368.6
Crlr	7.6	367.7
1/4	7.3	368.0
M	7.3	368.0
+2	7.6	367.7
+7	5.2	370.1
1/4	4.0	371.3
Crlr	3.8	371.5
E	4.1	371.2

0+25 N

E	4.4	370.9
Crlr	4.9	370.4
1/4	4.8	370.5
+6	4.8	370.5
+11	6.8	368.5
M	6.5	368.8
1/4	6.6	368.7
Crlr	6.9	368.4
W	6.6	368.7

0+50

W	6.3	369.0
Crlr	6.5	368.8
1/4	6.1	369.2
M	6.1	369.2
1/4	5.4	369.9
Crlr	4.9	370.4
E	4.1	371.2

0+75

E	4.1	371.2
Crlr	3.8	371.5
1/4	4.6	371.7
M	6.1	369.2
1/4	6.0	369.3
Crlr	6.4	368.9
W	6.1	369.2

375.32

1+40

W	6.9	368.4
Crk	6.3	369.0
¼	5.8	369.5
M	6.0	369.3
¼	5.8	369.5
Crk	5.5	369.8
E	4.1	371.2

1+25

E	4.6	370.7
Crk	5.4	369.9
¼	5.2	370.1
M	5.8	369.5
¼	5.7	369.6
Crk	6.2	369.1
W	6.6	368.7

1+50

W	6.6	368.7
Crk	5.9	369.4
¼	5.6	369.7
M	5.9	369.4
¼	5.2	370.1
Crk	4.7	370.6
E	4.5	370.8

1+75

E	4.8	370.5
Crk	5.0	370.3
¼	4.9	370.4
M	5.7	370.6
¼	5.5	369.8
Crk	6.0	369.3
W	7.5	367.8

375.32

2+00

W	7.6	367.7
Crk	5.8	369.5
1/4	5.5	369.8
M	5.6	369.7
1/4	4.2	371.1
Crk	3.9	371.4
E	4.4	370.9

2+25

E	3.4	371.9
Crk	5.0	370.3
1/4	5.0	370.3
M	5.3	370.0
1/4	5.4	369.9
Crk	5.9	369.4
W	6.7	368.6

2+50

W	6.7	368.6
Crk	5.3	370.0
1/4	5.0	370.3
M	5.1	370.2
1/4	4.5	370.8
Crk	3.9	371.4
E	3.4	371.9

2+75

E	2.9	372.4
Crk	3.0	372.3
1/4	3.6	371.7
M	4.8	370.5
1/4	4.9	370.4
Crk	5.3	370.0
W	6.4	368.9

375.32

370

W		6.1	369.2
crk		5.1	370.2
1/4		4.7	370.6
M		4.8	370.5
1/4		2.6	372.7
crk		2.9	372.4
E		2.4	372.9

3+25

E		2.2	373.1
crk		2.9	372.4
1/4		2.5	372.8
M		3.9	371.4
1/4		4.3	371.0
crk		4.8	370.5
W		5.5	369.8

3+50

W		5.5	369.8
crk		4.5	370.8
1/4		3.9	371.4
M		3.5	371.8
1/4		2.9	372.4
crk		3.0	372.3
E		2.2	373.1
T.P	3.88	376.67	2.53 372.79

3+75

E		3.8	372.9
crk		4.4	372.3
1/4		4.0	372.7
M		5.0	371.7
1/4		5.0	371.7
crk		5.4	371.3
W		6.6	370.1

376.67

4+00

W	6.3	370.4
Crk	5.3	371.4
¼	4.9	371.8
M	5.1	371.6
¼	4.8	371.9
Crk	4.5	372.2
E	3.9	372.8

4+25

E	2.7	374.0
Crk	3.2	373.5
¼	3.6	373.1
M	4.9	371.8
¼	4.6	372.1
Crk	5.0	371.7
W	5.2	371.5

4+50

W	5.9	370.8
Crk	4.7	372.0
¼	4.5	372.2
M	4.5	372.2
¼	4.3	372.4
Crk	4.1	372.6
E	3.7	373.0

4+75

E	4.2	372.5
Crk	3.9	372.8
¼	4.1	372.6
M	4.7	372.0
¼	4.6	372.1
Crk	4.7	372.0
W	6.1	370.5

376.67

570

W	5.6	371.1
Crk	4.9	371.4
1/4	4.6	372.1
M	5.0	371.7
1/4	3.5	373.2
Crk	3.2	373.5
E	3.7	373.0

5725

E	2.7	374.0
Crk	4.6	372.1
1/4	4.6	372.1
M	5.1	371.6
1/4	4.7	372.0
Crk	4.9	371.4
W	5.5	371.2

5750

W	5.4	371.3
Crk	5.0	371.7
1/4	4.8	371.9
M	4.3	372.4
1/4	2.6	374.1
Crk	2.9	373.8
E	3.5	373.2

5775

E	3.0	373.7
Crk	4.2	372.5
1/4	4.1	372.6
M	4.6	372.1
1/4	4.6	372.1
Crk	4.8	371.9
W	5.8	370.9

376.67

6+0 = S.L. Meade St 80'

W	6.0	370.7
Crln	4.7	372.0
1/4	4.7	372.0
M	4.7	372.0
1/4	4.6	372.1
Crln	4.3	372.4
E	3.5	373.2

5. curb

E	2.3	374.4
Crln	3.6	373.1
1/4	4.4	372.3
M	4.6	372.1
1/4	4.6	372.1
Crln	4.9	371.8
W	6.4	370.6

5 1/4

W	6.1	370.6
Crln	4.4	372.3
1/4	3.8	372.9
M	4.0	372.7
1/4	4.1	372.6
Crln	3.4	373.3
E	2.2	374.5

Center

E	3.4	373.3
Crln	3.1	373.6
1/4	4.0	372.7
M	3.4	373.3
1/4	3.1	373.6
Crln	3.5	373.2
W	6.1	370.6

376.67

N 1/4

W		6.2	370.5
Crk		3.9	372.8
1/4		3.8	372.9
M		4.6	372.1
1/4		4.4	372.3
Crk		4.4	372.3
E		3.9	372.8

N. Curb.

E		4.1	372.6
Crk		4.3	372.4
1/4		4.2	372.5
M		4.5	372.2
1/4		3.2	373.5
Crk		3.4	373.3
W		5.9	370.4

N.L. Meade

W		6.0	370.7
Crk		3.3	373.4
1/4		3.1	373.6
M		4.3	372.4
1/4		3.2	373.5
Crk		3.1	373.6
E		3.8	372.9
T.P.	4.45	377.61	3.51	373.16

0+25 N

E		4.6	373.0
Crk		4.7	372.9
1/4		4.3	373.3
M		5.4	372.2
1/4		6.2	371.4
Crk		6.4	371.2
W		7.4	370.2

377.61

0+50

W	7.1	370.5
crk	5.9	371.7
1/4	5.1	372.5
M	3.3	374.3
1/4	4.7	372.9
crk	5.1	372.5
E	4.2	373.4

0+75

E	3.8	373.8
crk	4.5	373.1
1/4	5.2	372.4
M	5.3	372.3
1/4	5.9	371.7
crk	6.6	371.0
W	7.0	370.6

1+0

W	7.2	370.4
crk	3.8	374.8
1/4	3.0	374.6
M	3.6	374.0
1/4	5.7	371.9
crk	5.3	372.3
E	4.4	373.2

1+75

E	4.7	372.9
crk	5.0	372.6
1/4	5.1	372.5
M	5.5	372.1
1/4	5.8	371.8
crk	6.2	371.4
W	6.9	370.7

377.61

1+50

W	5.4	372.2
Crk	6.4	371.2
¼	5.9	371.7
M	5.6	372.0
¼	3.6	374.0
Crk	3.1	374.5
E	4.7	372.9

1+75

E	5.3	372.3
Crk	5.6	372.0
¼	5.5	372.1
M	5.4	372.2
¼	4.5	373.1
Crk	4.4	373.2
W	6.5	371.1

2+00

W	4.9	372.7
Crk	6.2	371.4
¼	6.1	371.5
M	5.0	372.6
¼	4.1	373.5
Crk	4.6	373.0
E	3.1	374.5

2+25

E	5.0	372.6
Crk	5.3	372.3
¼	5.4	372.2
M	5.6	372.0
¼	4.7	373.4
Crk	4.0	373.1
W	5.6	372.0

Continued in book 512 Page 35

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.		⅓ DEGREE.		½ 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.		⅓ DEGREE.		¼ DEGREE.		